PB-228 655

ENVIRONMENTAL PROTECTION RESEARCH CATALOG. PART II.

Environmental Protection Agency
Washington, D.C.

January 1972

DISTRIBUTED BY:

NTIS

National Technical Information Service
U. S. DEPARTMENT OF COMMERCE
5285 Port Royal Road, Springfield Va. 22151

PB 228 655

PART II

ENVIRONMENTAL PROTECTION RESEARCH CATALOG

U S ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF RESEARCH AND MONITORING
RESEARCH INFORMATION DIVISION
WASHINGTON, D C
JANUARY 1972

Reproduced by
NATIONAL TECHNICAL
INFORMATION SERVICE
U S Department of Commerce
Springfield VA 22151

PART II

ENVIRONMENTAL PROTECTION RESEARCH CATALOG

Prepared by the Smithsonian Science Information Exchange

for

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF RESEARCH AND MONITORING
RESEARCH INFORMATION DIVISION

WASHINGTON, D.C. JANUARY 1972

TABLE OF CONTENTS

PART I: PROJECT DESCRIPTIONS

EDITOR'S NOTE vii

DESCRIPTION OF RESEARCH TASKS

1. Air Quality 1-1
2. Water Quality 1-133
3. Solid Waste Management 1-449
4. Pesticides 1-523
5. Radiation 1-707
6. Noise 1-881

PART II: INDEXES

EDITOR'S NOTE vii

SUBJECT INDEX 2-1

INVESTIGATOR INDEX 3-1

PERFORMING ORGANIZATION INDEX 4-1

SUPPORTING AGENCY INDEX 5-1

DEFINITIONS OF ENVIRONMENTAL PROTECTION RESEARCH CATEGORIES 6-1

EDITOR'S NOTE

The Environmental Protection Research Catalog, sponsored by the Office of Research and Monitoring of the U.S. Environmental Protection Agency, has been compiled by the Smithsonian Science Information Exchange, Inc., from its files of ongoing research Notices as of October 1971. Since research grants may have been transferred from one sponsoring agency to another agency or division within the Government, the supporting agency listed reflects the latest information received by SSIE from the supporting organization at the time this catalog was prepared. In addition to Federally supported research, this volume also includes selected research grants sponsored by private foundations, foreign governments, universities, state agencies and individual scientists.

This compilation is not intended as a complete collection of environmental research, but rather as a selection of ongoing research grants concerned primarily with environmental protection, pollution and contamination, and research involving the deleterious impact of man on his environment. Selection of the research Notices included was based on guidelines established by the Environmental Protection Agency with suggestions from the various contributors. Scope notes preceding each sub-chapter are designed as an aid to indicate the subject area included. Many of the research Notices included in any one chapter or sub-chapter may also be appropriate in other chapters; therefore, use of the Subject Index is recommended in locating specific areas of interest.

The Subject Index is based on terminology developed by the Smithsonian Science Information Exchange, Inc. Specific index terms may be arranged in hierarchies indicating relationships between broader and narrower subject terms. Thus, related terms may be grouped together under a more general subject heading (e.g., PESTICIDES: Insecticides, DDT). Each Index Term is followed by the project title, a list of about six descriptors, and the chapter number of the project. Additional cross-reference information may follow an index term where appropriate. For example, projects concerned with thermal pollution are indicated under THERMAL POLLUTION followed by the cross-reference note "—*see* Water Poll.". Additional thermal pollution studies appear under WATER POLLUTION SOURCES. In other cases, general subject areas may be referred to more specific topics (e.g., RADIATIONS—*see* specifics; or COSTS—*see* Economics Entries).

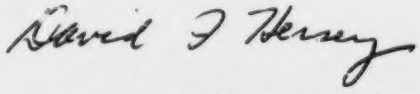
All investigators cited on the source document are included in the Investigator Index. An asterisk is used to designate the individual specified as "principal investigator" on the source document is, in fact, a program manager who is not working at the contractor location given in the project summary.

The Performing Organization Index is an alphabetic listing of the performing organization and its location.

Due to the time of compilation, not all of the entries in the Supporting Agency Index have been updated to reflect transfers of responsibility to the Environmental Protection Agency. All tasks listed as supported by the U.S. Department of the Interior—FWQA are now supported by EPA. Similarly, substantially all the tasks listed as supported by the U.S. Department of Health, Education, and Welfare—P.H.S. are now supported by EPA) Exceptions would be a limited number concerned with health aspects of radiation and a few concerned with occupational health.

All of the indexes in the Catalog were generated by means of a computer, necessitating a limitation of the number of characters available for index terms and captions. In some instances, abbreviations had to be used.

We hope that the users of this Catalog will advise the Smithsonian Science Information Exchange, Inc. of any errors of omission or commission that have been made. Also critiques of this Volume are encouraged so that future editions may best present their information content by means of format and indexes which are convenient and acceptable to the user.



DAVID S. HERSEY, *President*
Smithsonian Science Information Exchange

Preceding page blank

SUBJECT INDEX

Absorption - Chemistry

AIR POLLUTION ...Air Pollution; Air Pollution-chemistry; Fibers; Gases; Home Economics; Sulfur Dioxide; ...1.0372

SULFATION KINETICS IN SO2 ABSORPTION FROM FLUE GAS ...Air Pollution-chemistry; Costs -see Economics Entries; Furnaces; Sulfur Dioxide Removal; ...1.0536

BASIC STUDY OF AIR POLLUTION WET-SCRUBBERS ...Chemical Mechanisms & Kinetics; Energy Conversion; Foam; Particulate Matter - Air Poll.; Washing; ...1.0538

STUDY OF PETROGRAPHIC AND MINERALOGICAL CHARACTERISTICS OF CARBONATE ROCKS RELATED TO SULFUR OXIDE SORPTION IN FLUE GASES ...Carbonates; Environmental Geology; Microscopy; Power Plants; Trace Element Analysis; ...1.0553

PILOT PLAN STUDY OF LIMESTONE-WET SCRUBBING IN A TURBULENT CONTACT ABSORBER ...Coal Research; Combustion; Oxidation; Pilot Plants; Scrubbers; Sulfur Dioxide Removal; ...1.0594

REVERSIBLE METAL COMPLEXES WITH AIR POLLUTANTS ...Air Pollution-chemistry; Catalysts; Chelation & Complexing; Kinetics; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0597

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GASES ...Air Pollution-chemistry; Coal Research; Energy Conversion; Petroleum Research; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0632

SORPTION OF GASEOUS POLLUTANTS BY CYCLED OPERATION ...Adsorption; Air Pollution-chemistry; Combustion; Energy Conversion; Scrubbers; Solvent; Sulfur Dioxide Removal; ...1.0637

REDUCED SO2 IN COMBUSTION GASES ...Air Pollution-chemistry; Coal Research; Combustion; Furnace and Incinerator Design; Packed Bed Reactor; Process Waste Recovery; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0661

DEFINE AND DEVELOP UNIFORM PROCEDURES FOR MEASURING PERFORMANCE EVALUATION PROCEDURES FOR CONTINUOUS ATMOSPHERIC ANALYZERS ...Air Pollution Analysis; Air Pollution-chemistry; Detectors and Sensors; Gases; Instrument Services; Nitrogen and Nitrogen Cpds.; Oxidants; ...1.0671

OPERATE A NATIONAL NETWORK FOR INTERMITTENT SAMPLING OF GASEOUS POLLUTANTS ...Air Pollution-chemistry; Data & Statistics Info Storage; Mercury; Nitrogen and Nitrogen Cpds.; ...1.0772

ANALYZE SAMPLES FOR SO2 AND NO2 ...Air Pollution-chemistry; Data & Statistics Info Storage; Nitrogen and Nitrogen Cpds.; ...1.0801

DEVELOP TECHNIQUES FOR STORING CHEMICAL INFORMATION PROPORTIONAL TO 24-HOUR AVERAGE CONCENTRATIONS OF SO2 AND NOX ...Air Pollution Monitoring; Air Pollution-chemistry; Gases; Nitrogen and Nitrogen Cpds.; ...1.0805

ANALYZE SAMPLES FOR SO2 AND NO2 ...Air Pollution-chemistry; Data & Statistics Info Storage; Nitrogen and Nitrogen Cpds.; ...1.0823

ANALYZE SAMPLES COLLECTED FROM AMBIENT AIR FOR TOTAL MERCURY ...Air Pollution Analysis; Air Pollution Sampling; Air Pollution-chemistry; Chemical Analysis -general; Mercury; ...1.0831

ANALYSIS OF SOLUTIONS FOR SURFACE-ACTIVE CONSTITUENTS ...Adsorption; Chemical Analysis (water); Detectors and Sensors; Electrochemistry; Surfactants -see Detergents; ...2.0598

STUDY OF MICROBIOLOGICAL-BIOCHEMICAL PHOSPHATE SORPTION MECHANISM BY ACTIVATED SLUDGE ...Activated; Bacterial Identification; Cell Membrane Permeability; Mechanism Determination; Recycle Water; Sewage Bacteria; ...2.0737

PROVIDE A COMPENDIUM OF OIL SPILL TREATING AGENTS COVERING ABSORBENTS, DISPERSANTS, SINKING AGENTS, COMBUSTION PROMOTERS, GELLING AGENTS, ETC ...Combustion; Dispersants; Oil; Oil Removal; Petroleum Wastes - Spillage; Sedimentation; ...2.0955

THE EFFECT OF DETERGENTS ON THE OXYGENATION OF WATER ...Activated Sludge; Adsorption; Detergents -see Surfactants; Hydrophilic; Hydrophobic; Sewage - Domestic; Surfactants -see Detergents; ...2.1440

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant; Residues in Foods; Vegetables; ...4.0348

Abstracts

ABSTRACT PREPARATION FOR THE WATER RESOURCES SCIENTIFIC INFORMATION CENTER ...Archives; Energy Conversion; Information Science; Thermal Pollution; Water Utilization -general; ...2.0370

BIBLIOGRAPHY ON FLUORIDATION OF PUBLIC WATER SUPPLIES ...Bibliography; Environmental Effects - Human; Fluoridation; Fluorine; Literature Search; Potable Water; ...2.0932

DOCUMENT PROCESSING IN THE AREA OF WASTEWATER TREATMENT ...General Information Services; Information Science; ...2.1422

ABSTRACT SERVICE ON ANIMAL WASTE TECHNICAL LITERATURE ...Animal Wastes - Feed Lots; Farm Animal Wastes; Livestock -nonspecific; Product Development Research; ...3.0007

LITERATURE SEARCH FOR BIOLOGICALLY ACTIVE COMPOUNDS ...Animal Pharmacology; Literature Search; Pesticide Toxicity -general; Pesticides -nonspecific; ...4.0578

Acceleration and Motion

Acceleration Effects - Human

BIOCHEMICAL CORRELATES IN ENVIRONMENTAL STRESS ...Ceboidea; Cellular Biosynthesis; Environmental Effects - Human; Muridae; Noise; Radiation -see Specifics; Stressors, Physiological; ...6.0108

Deceleration and Impact

PERSONNEL TECHNOLOGY - NAS/NRC ADVISORY SERVICES ON OPERATIONAL PROBLEMS OF VISION AND HEARING ...Acoustics; Aviation Medicine; Consultants, Advisory Services; Military Personnel; Pilots; Vibrations, -bioeffects; ...6.0077

Accident

PERFORMANCE DECREMENTS IN AIR CREWS EXPOSED TO CONTAMINATED LIFE SUPPORT GASES ...Air Pollution -see Specifics; Aviation Medicine; Mammals -nonspecific; Performance - Behavioral Study; Psychology; Toxicology; ...1.0301

BLOOD CHOLINESTERASE IN AERIAL APPLICATOR CREWS ...Occupational Hazards; Organophosphorous Cpds.; Pesticide Toxicity in Humans; Pilots; Toxicology; ...4.0812

LASER SAFETY IN MILITARY TRAINING DEVICES ...Cell Injury and Autolysis; Laser Effects -bioeffects; Lasers and Masers; Military Personnel; Occupational Hazards; ..5.0248

NEUTRON AND GAMMA RAY TOXICITY STUDIES EMPLOYING THE JANUS BIOLOGY REACTOR COMPLEX ...Aging; Digestive System - Human; Occupational Hazards; Radiation Effects - Biological; Radiation, Lethal Dose; Rodentia -other; ...5.0278

MEASUREMENTS OF RADIOACTIVITY IN VIVO AND APPLICATIONS IN HUMAN RADIOBIOLOGY ...Occupational Hazards; Promethium; Radiation, Low Level; Radiologic Health; Radium; ...5.0285

NEUTRON DOSE BELOW 500 KEV IN A CRITICALITY ACCIDENT (PART OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY) (ABBREV) ...Dosimetry; Energy Conversion; Fast Neutrons; Neutron -see Radiation; Nuclear Reactors; Radioactive Hazard; ...5.0793

RESEARCH WITHIN THE FRAMEWORK OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY ...Dosimetry; Instrumentation; Neutron -see Radiation; Radiation Instruments; Radiologic Health; ...5.0839

NAVY RADIOLOGICAL CONTROL TEAM ..Cooperative Studies; Military Personnel; Nuclear Warfare; Occupational Hazards; Radiation Injury Prevention; ...5.0854

RADIATION DETECTORS FOR USE IN NUCLEAR/CRITICALITY ACCIDENT DOSIMETRY ...Detectors; Dosimetry; Instrumentation; Neutron Detectors; Radioactive Hazard; Sulfur; ...5.0916

Acid Mine Wastes

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Analysis and Detection; Atomic Absorption; Contamination - Water; Lead; Mine Hydrology; Missouri; Pollution Effects -see Water; Water Pollution Effects; Zinc; ...2.0226

DISSOLVED CONSTITUENTS OF NATURAL WATERS - CONTRIBUTIONS FROM MINERALIZED AREAS ...Geochemical Analysis (water); Groundwater; Mineralogical Properties; Sediment Lithification; ...2.0244

REMOVAL OF DISSOLVED CONTAMINANTS FROM MINE DRAINAGE ...Acid Mine Drainage; Mining Industry; Precipitation; Waste Water Treatment -general; ...2.0403

GEOCHEMICAL BEHAVIOR OF IRON AND MANGANESE IN A RESERVOIR (LAKE LYNN, WEST VIRGINIA) FED BY STREAMS CONTAINING ACID MINE DRAINAGE ...Analysis and Detection; Geochemical Analysis (water); Precipitation; Sediments; Stratification (water); West Virginia; ...2.0431

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Ionic Effect, Sewage, Water Pollution Sources; ...2.0434

CHARACTERISTICS OF DRAINAGE FROM DEEP BITUMINOUS COAL MINES IN WESTERN PENNSYLVANIA ...Acid Mine Drainage; Bituminous; Data Reduction and Analysis; Pennsylvania; Waste Water Treatment -general; ...2.0751

ESTIMATING ACID MINE DRAINAGE POTENTIAL FROM COAL BEDS BY USE OF THE SOXHLET EXTRACTOR ...Acidity (water); Coal Research; Drainage; Mine Hydrology; Temperature; Water Pollutant Identification; ...2.0752

EVALUATION OF PYRITIC OXIDATION BY NUCLEAR METHODS ...Acid Mine Drainage; Autotrophic Bacteria; Cellular Catabolism-see Degrad; Mechanism Determination; Oxidation; ...2.0758

AN INVESTIGATION OF ACID MINE DRAINAGE CHEMICAL POLLUTANTS USING LASER-RAMAN AND INFRARED SPECTROSCOPIES ...Chemical Analysis (water); Infrared Spectroscopy; Mine Drainage Control; Raman Spectroscopy; Zinc; ...2.0764

FORMATION OF DENSE SETTLED SLUDGE BY LIME - TREATMENT OF SYNTHETIC ACID MINE DRAINAGE ...Acid Mine Drainage; Lime Treatment; Neutralization; Oxidation; Waste Water Treatment -general; ...2.0934

DISPOSAL OF SLUDGE FROM ACID MINE DRAINAGE TREATMENT PLANTS ...Aeration (water); Agricultural Runoff; Infiltration; Neutralization; Sprinkler Irrigation; Waste Disposal-see Solid Waste; ...2.1090

REVERSE OSMOSIS DEVELOPMENT FOR ACID MINE DRAINAGE CONVERSION ...Acid Mine Drainage; Pilot Plants; Reverse Osmosis; Spiral Wound Membranes; Waste Treatment Economics; Water Reuse; West Virginia; ...2.1225

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Acid Mine Drainage; Algae -nonspecific; Chlorophyll; Neutralization; Organic Waste -see Waste Treat; Rehabilitation -streams -lakes; Strip Mines; Waste Water Degradation; Waste Water Treatment -general; ...2.1319

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Atomic Absorption; Lead; Mineralogy; Ore Deposits; Pond; Precipitation; Waste Water Treatment -general; X-ray Spectroscopy; ...2.1322

THE USE OF ANAEROBIC FILTERS FOR THE RENOVATION OF ACIDIC WASTEWATERS ...Acidity (water); Anaerobic Wastewater Treatment; Filtration; Mathematical Models; Organic Matter; Organics; Waste Water Treatment -general; ...2.1323

LIME-LIMESTONE NEUTRALIZATION OF ACID MINE DRAINAGE ...Acidity (water); Coal; Drainage; Illinois; Lime Treatment; Limestone-general; Neutralization; ...2.1329

BIOLOGICAL TREATMENT OF ACID MINE WATER ...Acidity (water); Anaerobic Wastewater Treatment; Model Studies; Process Design; ...2.1354

MICROBIOLOGICAL REMOVAL OF IRON FROM MINE DRAINAGE WATERS ...Demineralization; Mine Drainage Control; Oxidation; Reduction Reactions; Waste Water Treatment -general; ...2.1384

NEUTRALIZATION AND PRECOAT FILTRATION OF CONCENTRATION SLUDGES FROM MINE WATER ...Benefit-cost Analysis; Drainage; Mining Industry; Neutralization; Waste Treatment Economics; ...2.1391

ABATEMENT OF MINE DRAINAGE POLLUTION BY REVERSE OSMOSIS ...Acid Mine Drainage; Pilot Plants; Process Design; Reverse Osmosis; Waste Water Treatment -general; Water Pollution Abatement; Wisconsin; ...2.1392

RECOVERY OF IRON IN A MORE DENSE FORM FROM COAL MINE DRAINAGE ...Bench Scale; Mine Drainage Control; Mineral Processing Industry; Waste Material Recovery; ...2.1393

DEVELOPMENT AND OPTIMIZATION OF THE LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Drainage; Drainage; Lime Treatment; Limestone-general; Optimization, Economic; Process Design; Waste Treatment Economics; ...2.1394

CHEMICAL TREATMENT OF ACID MINE DRAINAGE ...Acid Mine Drainage; Chemical Treatment -general; Mining Industry; ...2.1396

TREATMENT OF ACID MINE DRAINAGE-SULFUR AND IRON RECOVERY ...Combustion, Distillation; Neutralization; Waste Material Recovery; Waste Water Treatment -general; ...2.1397

ACID MINE DRAINAGE PILOT PLANT EVALUATION ...Acid Mine Drainage; Pilot Plants; Water Pollution Sources; ...2.1398

STUDY OF THE USE OF INERT GASES TO ELIMINATE ACID POLLUTION FROM ABANDONED DEEP MINES ...Mine Atmosphere Conditions; Mine Hydrology; Pressure - Density; Underground Workings; ...2.1399

THE THICKENING AND DEWATERING OF PRECIPITATES FROM THE LIME/LIMESTONE TREATMENT OF MINE DRAINAGE ...Centrifugation; Disinfection; Filtration; Lime Treatment; Thickening; ...2.1453

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment -general; ...2.1775

UTILIZATION OF FLORIDA PHOSPHATE SLIMES ...Ceramics; Fresh Water; Phosphorus and Phosphorus Cpds; Sediments; Waste Material Recovery; Water Reuse; ...3.0128

LEACHING AND RECOVERY OF COPPER FROM ORES AND WASTE DUMPS ...Materials, Special Purpose; ...3.0326

DEVELOPING NEW USES FOR MILLING RESIDUES ...Metal Processing Wastes; Refractory; Solid Waste; Waste Material Recovery; ...3.0328

CHEMICAL PROCESSING OF TITANIUM SCRAP AND RESIDUES. TITANIUM CHLORINATION RESIDUES ...Chlorination; Mine Wastes; Titanium; Waste Material Recovery; ...3.0390

Acidity (water)

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Arkansas; Biological Water Properties; Chemical Water Properties; Energy Conversion; Plankton; Reactor Sites & Rad Waste; Thermal Pollution; ...2.0023

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Acid Mine Drainage; Aquatic Plants - nonspecific; Biological Effects; Iowa; Lakes; Oklahoma; Population Dynamics -general; Strip Mines; ...2.0024

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types - also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

A STUDY OF THE EFFECTS OF ISLAND DEVELOPMENT ON LAKE WATER QUALITY ...Economics -recreation; Lakes; Nitrogen and Nitrogen Cpds.; Plankton; Recreation, Water Resources; Types of Resources; ...2.0115

PROPERTIES OF TILE DRAINAGE WATER ...Alkalinity (water); Chemical Water Properties; Drainage; Drainage Engineering; Mineralogical Water Properties; Pesticide Residues; Phosphorus and Phosphorus Cpds; Zea Mays - Field Corn; ...2.0149

EFFECT OF URBANIZATION ON WATER QUALITY ...Chlorine; Kansas; Rainfall - Runoff Relationship; Urban Environment; Urban Runoff; Water Quality -general; ...2.0155

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND RFHABILITATION PROCEDURES ...Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams -lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

THE COLIFORM BACTERIA, PLANKTON, & RELATED PHYSICO-CHEMICAL FACTORS IN LAKE PONTCHARTRAIN AT NEW ORLEANS, LA ...Bottom Sampling; Louisiana; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Sediments; Water; ...2.0164

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Algae - nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control -general; ...2.0166

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

WATER RESOURCES IN SOURDOUGH AND MIDDLE CREEK WATERSHEDS - A COMPARATIVE STUDY OF QUALITY AND HYDROLOGY ...Erosion; Montana; Sedimentation; Suspension; Water Quality Control -general; Watersheds; ...2.0230

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate, Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0243

KINETICS OF MICROBIOLOGICALLY MEDIATED TRANSFORMATIONS OF HEAVY METALS IN AQUATIC ENVIRONMENTS ...Estuaries; Lakes; Mathematical Models; Mercury; Zinc; ...2.0261

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological Effects; Eutrophication; Microorganisms -nonspecific; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus -nonspecific; ...2.0264

EUTROPHICATION AS A PROBLEM IN THE FINGER LAKES ...Chlorophyll; Eutrophication; New York; Oxygen Content (water); Transparency; Water Properties -general; ...2.0267

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

A PILOT-SCALE STUDY OF ACID MINE DRAINAGE ...Data Acquisition; Mining Industry; Systems Analysis - Water Mgmt; Water Pollution Abatement; ...2.0303

STRIP-MINING AND WATER QUALITY ...Chemical Analysis (water); Coal; Erosion; Mine Wastes; Rainfall Simulators; Spoil Banks; Thermal Poll. -see Water Poll.; ...2.0309

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Drilling Operation; Groundwater; Iron; Pennsylvania; Underground Workings; Water Table; ...2.0340

ACID MINE DRAINAGE - PILOT PLANT EVALUATION ...Acid Mine Drainage; Aeration (water); Core Analysis; Microorganisms -nonspecific; Model Studies; ...2.0345

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality - general; ...2.0349

EFFECT OF DREDGING ON THE NUTRIENT LEVELS AND BIOLOGICAL POPULATIONS OF A LAKE ...Biological Water Properties; Lakes; Nutrients; Phytoplankton; Silting (water) -see Sediment; Turbidity (water); ...2.0365

CHANGES IN WATER QUALITY PARAMETERS OF RESERVOIRS DURING REGULATED FLOW CONDITIONS ...Chemical Analysis (water); Eutrophication; Organic Matter; Tennessee; Water Bacteria; Water Quality -general; ...2.0369

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

TOLERANCE AND CYTOLOGICAL RESPONSE OF ALGAE TO MINE WATER ...Algae -nonspecific; Contamination - Water; Industrial Wastes; Water Pollution Effects; ...2.0430

GEOCHEMICAL BEHAVIOR OF IRON AND MANGANESE IN A RESERVOIR (LAKE LYNN, WEST VIRGINIA) FED BY STREAMS CONTAINING ACID MINE DRAINAGE ...Acid Mine Wastes; Analysis and Detection; Geochemical Analysis (water); Precipitation; Sediments; Stratification (water); West Virginia; ...2.0431

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Ionic Effect; Sewage; Water Pollution Sources; ...2.0434

AQUATIC-BIOTIC COMMUNITY STRUCTURE AS AN INDICATOR OF POLLUTION ...Benthic Fauna; Invertebrates -nonspecific; Pollution Effects -see Water; Species Diversity Measurement; Strip Mines; ...2.0469

MINERAL ANALYSIS OF WATER ...Chemical Analysis (water); Groundwater; Mineralogical Water Properties; Rural Areas; Water Quality Control -general; ...2.0480

UPPER ST. JOHNS WATER QUALITY, FLORIDA ...Florida; Mineralogical Water Properties; Pesticides -see Pesticide; Trace Elements; ...2.0549

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Aquatic Soils; Bottom Sampling; Geochemical Analysis (water); Lakes; Mineralogical Properties; Social Aspects; Soil pH; ...2.0608

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Aquatic Ecology - Animal; Contamination - Water; Cyprinodontidae; Mineralogical Water Properties; Temperature (water); Water Pollution Effects; ...2.0613

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ...Aquatic Soils; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; New Jersey; Plant Distribution; Temperature (water); ...2.0674

A STUDY OF THE FACTORS DETERMINING THE OXYGEN UPTAKE OF BENTHAL STREAM DEPOSITS ...Analysis and Detection; Exchange Capacity; Nitrogen and Nitrogen Cpds.; Nutrients; Size; Water Properties -general; ...2.0675

UPPER DELAWARE WASTE ASSIMILATIVE CAPACITY MODEL ...Biological Water Properties; Delaware River; New Jersey; Sewage - Domestic; Waste Disposal-see Solid Waste; ...2.0678

ECOLOGY OF YEASTS IN LAKE CHAMPLAIN ...Bioindicators; New York; Plant Freshwater Ecology; Temperature (water); Water Pollutant Identification; ...2.0700

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage; Alkalinity (water); Automatic Data Aquisition; Chemical Water Properties; Mine Drainage Control; Mineralogical Water Properties; Ohio; Water Properties -general; Zinc; ...2.0733

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

ESTIMATING ACID MINE DRAINAGE POTENTIAL FROM COAL BEDS BY USE OF THE SOXHLET EXTRACTOR ...Acid Mine Wastes; Coal Research; Drainage; Mine Hydrology; Temperature; Water Pollutant Identification; ...2.0752

THE BEHAVIOR OF SMALLMOUTH BASS AS RELATED TO ARTIFICIAL COVER ...Aquatic Ecology - Animal; Fish Food Supply -other; Mining Industry; Population Dynamics -general; Water Pollutant Identification; ...2.0762

AN INVESTIGATION OF ACID MINE DRAINAGE CHEMICAL POLLUTANTS USING LASER-RAMAN AND INFRARED SPECTROSCOPIES ...Acid Mine Wastes; Chemical Analysis (water); Infrared Spectroscopy; Mine Drainage Control; Raman Spectroscopy; Zinc; ...2.0764

THE INSECT ORDER PLECOPTERA AS A BIOLOGICAL INDEX OF FRESH WATER QUALITY ...Aquatic Ecology - Animal; Contamination - Water; Fresh Water; Organic Water Properties; Rhode Island; Temperature (water); Water Pollutant Identification; ...2.0771

LIMNOLOGY OF LAKE CHAMPLAIN ...Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

CHEMICAL CHARACTERISTICS OF WATERS IN FLOODED BITUMINOUS-COAL MINESHAFTS ...Bituminous; Chemical Water Properties; Geochemical Analysis (water); Mine Drainage Control; Mine Hydrology; Mineralization; Water Pollutant Identification; ...2.0852

BUFFER CAPACITY IN AQUATIC ECOSYSTEMS ...Alkalinity (water); Biological Water Properties; Mathematical Models; Plant Freshwater Ecology; Water Quality Control -general; ...2.0889

FACTORS AFFECTING MINE DRAINAGE AND THE GROUND WATER INTERACTIONS IN SELECTED AREAS OF WESTERN PENNSYLVANIA (PART 2) ...Acid Mine Drainage; Aquifers; Chemical Analysis (water); Groundwater; Groundwater Movement; Pennsylvania; Strip Mines; ...2.0938

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Chemical Analysis -general; Farm Animal Wastes; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Moisture; Soil Organic Content; Sprinkler Irrigation; Water Table; ...2.0994

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Aquatic Ecology - Animal; Chemical Water Properties; Ictalurus Punctatus; Lakes; Lime Treatment; Neutralization; Population Dynamics -general; Stocking of Fish & Shellfish; ...2.1027

INDUCED AIR MIXING OF LARGE BODIES OF POLLUTED WATER ...Density; Industrial Wastes; Mathematical Models; Reservoirs and Impoundments; ...2.1031

PHYSIOLOGY OF ACIDOPHILIC BACTERIA OF ACID MINE WATERS ...Bacterial Population Surveys; Cellular Physiology-Env. Eff.; Ferrobacillus; Heterotrophic Bacteria; Ionic Effect; Thiobacillus; Water Pollution Sources; ...2.1036

DETERMINATION OF THE FEASIBILITY OF REMOVAL OF ALGAL NUTRIENTS IN LAKE WATERS BY ION-EXCHANGE ...Circulation (water); Eutrophication; Ion Exchange; Massachusetts; Nutrients; Water Chemistry; ...2.1040

ACID WATER TROUT STUDIES ...Environmental Ecology; Neutralization; Population Dynamics -general; Water Pollutant Identification; Water Table; ...2.1059

NEUTRALIZATION EXPERIMENTS ...Aquatic Ecology - Animal; Fish; Lime Treatment; New Jersey; Recreation, Water Resources; ...2.1060

INORGANIC SULFUR OXIDATION BY IRON-OXIDIZING BACTERIA ...Acid Mine Drainage; Alkalinity (water); Bacterial Pollutant Sources; Coal; Iron Bacteria; ...2.1068

FILTRATION OF KRAFT PULP LIQUOR THROUGH CHIPS ...Effluents - Waste Water; Filters-filtration; Filtration; Industrial Wastes; Pulp and Paper Wastes; Waste Water Treatment -general; ...2.1074

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acid Mine Drainage; Algal Physiology; Alkalinity (water); Mine Drainage Control; Oxygen Content (water); Plant Freshwater Ecology; Rehabilitation -streams -lakes; Waste Water Treatment -general; ...2.1079

COLD WATER STUDIES - WALLUM LAKE ...Bottom Sampling; Data Reduction and Analysis; Lakes; Lime Treatment; Neutralization; Rhode Island; ...2.1095

ESTUARINE ECOLOGY RESEARCH ...Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

LIMESTONE DRUM PRODUCTIVITY STUDY -- POPULATION STUDY ...Chemical Measurements (water); Contamination - Water; Environmental Ecology; Limestone-general; Population Dynamics -general; Spawn Or Nesting Sites; Stocking of Fish & Shellfish; ...2.1131

LIMESTONE DRUM PRODUCTIVITY STUDY-LIMNOLOGICAL STUDY ...Benthic Fauna; Lakes; Limestone-general; Salmonidae; ...2.1132

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

MICROBIAL MEDIATION IN GENERATION OF ACID MINE WASTES ...Acid Mine Drainage; Biological Water Properties; Cellular Biosynthesis; Chemical Water Properties; Mineralogical Water Properties; ...2.1298

THE USE OF ANAEROBIC FILTERS FOR THE RENOVATION OF ACIDIC WASTEWATERS ...Acid Mine Wastes; Anaerobic Wastewater Treatment; Filtration; Mathematical Models; Organic Matter; Organics; Waste Water Treatment -general; ...2.1323

LIME-LIMESTONE NEUTRALIZATION OF ACID MINE DRAINAGE ...Acid Mine Wastes; Coal; Drainage; Illinois; Lime Treatment; Limestone-general; Neutralization; ...2.1329

WINERY WASTEWATER - CHARACTERIZATION AND TREATMENT ...Activated Sludge; Anaerobic Bacteria; Contamination - Water; Food Processing Industries; Sewer Systems; Waste Treatment; ...2.1348

BIOLOGICAL TREATMENT OF ACID MINE WATER ...Acid Mine Wastes; Anaerobic Wastewater Treatment; Model Studies; Process Design; ...2.1354

NEUTRALIZATION AND PRECOAT FILTRATION OF CONCENTRATION SLUDGES FROM MINE WATER ...Acid Mine Wastes; Benefit-cost Analysis; Drainage; Mining Industry; Neutralization; Waste Treatment Economics; ...2.1391

RECOVERY OF IRON IN A MORE DENSE FORM FROM COAL MINE DRAINAGE ...Acid Mine Wastes; Bench Scale; Mine Drainage Control; Mineral Processing Industry; Waste Material Recovery; ...2.1393

STUDY OF THE USE OF INERT GASES TO ELIMINATE ACID POLLUTION FROM ABANDONED DEEP MINES ...Acid Mine Wastes; Mine Atmosphere Conditions; Mine Hydrology; Pressure - Density; Underground Workings; ...2.1399

ENVIRONMENTAL CONTROL RESEARCH CONTROL TECHNIQUES, FIELD TESTING, AND EVALUATION ...Acid

Mine Drainage; Chemical Analysis (water); Data Acquisition; Effluents d Waste Water; Mine Drainage Control; Mining Industry; Water Pollution Sources; ...2.1401

IMPROVED EXTRACTION SYSTEM - WATER CONTROL - CONTROL TECHNIQUES, FIELD TESTING AND EVALUATION ...Acid Mine Drainage; Analytical Instruments; Coal; Data Acquisition; Geology -general; Mine Atmosphere Conditions; Soil Tillage; ...2.1402

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Alkalinity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Groundwater; Mineralogical Water Properties; Sprinkler Irrigation; Water Application Methods; Water Quality Control -general; ...2.1418

A DEMONSTRATION OF A NEW MINING TECHNIQUE TO PREVENT THE FORMATION OF MINE ACID IN AN ACTIVE DEEP COAL MINE ...Acid Mine Drainage; Coal; Explosions - Fires; Mine Drainage Control; Mine Hydrology; ...2.1450

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Adsorption; Algal Physiology; Colloidal Phenomena; Eutrophication; Gases; Microorganisms - nonspecific; Phosphorus and Phosphorus Cpds; Sewage Bacteria; Waste Water Treatment -general; ...2.1463

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ...Captive Rearing; Contamination - Water; Environmental Influences; Fish Food Organisms; Mollusca; Pesticide Toxicity to Microorg; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; ...2.1517

THE EFFECT OF POLLUTION ON THE DISTRIBUTION OF LPP PHYCO-VIRUSES IN RELATION TO POLLUTION OF THE CHRISTINA RIVER ...Delaware; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.1522

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Aquatic Ecology - Animal; Contamination - Water; Dams - general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds., Pollution Effects -see Water; Pre-impoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

MICROBIOLOGY OF THERMALLY POLLUTED ENVIRONMENTS ...Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Hyperthermal; Radioisotopes -nonspecific; Thermophilic Bacteria; Water Pollutant Identification; ...2.1550

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - WATER QUALITY EFFECTS ...Atomic Absorption; Gas Chromatography; Mineralogical Water Properties; Waste Management -see Specific; ...2.1561

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality - general; ...2.1575

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Chlorine; Data Acquisition; Effluent-standards; Fish, Population Dynamics -general; Species Diversity Measurement; Water Properties -general; ...2.1577

EFFECTS OF LIMNOLOGICAL FACTORS ON UPTAKE OF 137CS BY FISH ...Analysis of Variance; Aquatic Ecology - Animal; Chemical Analysis (water); Lakes; Organic Water Properties, Regression Analysis; ...2.1593

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

RECOVERY FROM ACID POLLUTION IN FOUR STRIP-MINE LAKES ...Acid Mine Drainage; Animal Productivity; Biological Water Properties; Energy Budgets; Lake Stages; Physical Water Properties; Primary Productivity - Plants; Strip Mines; ...2.1617

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Ecological Effects; Environment Resistance-animals; Heat Recovery, Industrial; Photosynthesis; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Alkalinity (water); Color (water); Contamination - Water; Fish; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; Zinc; ...2.1628

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Aquatic Ecology - Animal; Contamination - Water; Fish; Industrial Wastes; Marine Animals; Mineralogical Water Properties; Physiological Effects; Zooplankton; ...2.1640

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Channels; Contamination - Water; Ecological Effects; Organic Matter; Plant Freshwater Ecology; Primary Productivity - Plants; Sewage Treatment Plant; Thermal Pollution; ...2.1658

IMMEDIATE EFFECTS OF LOGGING ON THE FRESHWATER ENVIRONMENT OF SALMONIDS ...Circulation (water); Forest Debris; Lumbering -general; Population Dynamics -general; Salmonidae; Temperature (water); ...2.1681

FISH AND FOOD ORGANISMS IN MINE ACID WATERS OF PENNSYLVANIA ...Acid Mine Drainage; Alkalinity (water); Behavior -vertebrate; Chemical Effects; Fish; Physiological Effects; ...2.1691

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Animal Productivity; Eutrophic Lakes; Model Studies; Nutrients; Physical Water Properties; Primary Productivity - Plants; Statistics; Washington; Water Purification; ...2.1768

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Acid Mine Drainage; Aquatic Ecology - Animal; Bullheads; Environment Resistance-animals; Environmental Physiology; Fish Food Supply -other; Management (water); Pollution Effects -see Water; Water Resources Planning; ...2.1771

MICRO-ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER ...Acid Mine Drainage; Forecasting - Prediction; Induced Temperature; Lower Plants; Phytoplankton; Primary Productivity - Plants; Thermal Pollution; ...2.1772

PHYSIOLOGICAL EFFECTS OF SUBLETHAL LEVELS OF ACID WATER ON FISH ...Bullheads; Contamination - Water; Fish & Shellfish Biology; Physiological Effects; Water Pollution Abatement; ...2.1773

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment -general; ...2.1775

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Intestinal Bacteria; Model Studies; Pesticides - see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Alkalinity (water); Bacterial Studies -general; Coliforms -nonspecific; Farm Animal Wastes; Farm Pond; Mineralogical Water Properties; Sewage Lagoons; Streptococcus Fecalis; ...3.0039

OCEAN DISPOSAL OF INDUSTRIAL WASTES ...Chemical Effects; Disposal Wastes; Industrial Wastes; Mathematical Models; Model Studies; ...3.0101

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg, Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Alkalinity (water); Biological Effects; Chemical Effects; Herbicides and Other Chem; Metabolism of Algacides; Oxygen Content (water); Ponds; Water Quality -general; ...4.0392

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

Acoustic Instrumentation

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Alaska; Boundary Layer Studies; Ice Fog; Sound Attenuation Acoustics; Urban Research -general; ...1.0387

REDUCTION OF COMMERICAL-VEHICLE ENGINE NOISES BY ACOUSTIC TREATMENTS APPLIED TO THE VEHICLE ...Automobile & Components; Engine; Noise; Spark Ignition; ...6.0049

STUDY OF NOISE PRODUCED BY CONSTRUCTION EQUIPMENT AND BUILDING EQUIPMENT AND HOME APPLIANCES ...Building Acoustics -see Noise; Building Construction; Noise; Sound Attenuation Acoustics; ...6.0058

Acoustics

A STUDY OF THE EFFECT OF ULTRASONIC ENERGY ON WASTE WATER ...Disinfection; Fluid Mechanics; Nitrogen and Nitrogen Cpds.; Organics; Ultrasonic Engineering; ...2.1178

MECHANISMS OF NOISE GENERATION, PROPAGATION AND RECEPTION AS RELATED TO AIR FORCE BIOACOUSTIC PROBLEMS ...Aircraft; Aviation Medicine; Communication; Noise; Sensory & Perceptual Processes; Sound Attenuation Acoustics; ...6.0011

AUDITORY RESPONSES TO ACOUSTIC ENERGY EXPERIENCED IN AIR FORCE ACTIVITIES ...Auditory Physiology; Hearing Loss and Deafness; Noise; Trauma; ...6.0102

Actinomyces Sp

NATURALLY OCCURRING TASTES AND ODORS IN WATER SUPPLIES ...Food Contamination; Gas Chromatography; Odor; Spectrographic Techniques; Taste & Odor of Water; Water Chemistry; ...2.0382

SOLID WASTE CELLULOSE DEGRADATION BY THERMOACTINOMYCES ...Cellular Catabolism-see Degrad; Cellular Metabolism - Controls; Plant Waste Removal; Treatment; Thermochemistry -biophysics; ...3.0056

Actinomycetes -nonspecific

BIODEGRADATION OF OIL SLICKS IN THE MARINE ENVIRONMENT ...Cellular Catabolism-see Degrad; Detergents -see Surfactants; Marine Bacteria; Oil; Petroleum Wastes - Spillage; ...2.0248

TASTES AND ODORS IN WATER SUPPLIES ...Algal Pollutant Sources; Nitrogen and Nitrogen Cpds.; Potable Water; Taste & Odor of Water; Water Pollution -see Specifics; Water Quality - general; ...2.0486

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Nematoda; Pesticide Movement in Soils; Soil Chemical Properties; Soil Microbiology; ...4.0095

MICROBIOLOGY AND BIOCHEMISTRY OF PESTICIDES IN SOIL ...Azobenzene; Cipc; Fusarium; Pesticide Degradation -see Deg; Propanil; Soil Microbiology; ...4.0117

PLANT RESPONSE TO ORGANIC CHEMICALS IN THE ROOT ENVIRONMENT ...Absorption (incl. Adsorption); Amiben; Cellular Catabolism-see Degrad; Dicamba; Mutagenesis -nonspecific; Pesticide Degradation -see Deg; Plant Resistance; ...4.0154

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

Activated Sludge

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Bacterial Population Surveys; Column Chromatography; Electrophoresis; Isotope Tracer -see Tracers; Phosphorus; Sewage; Sewage Bacteria; ...2.0020

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Environmental Hazards; Groundwater; Landfill; Precipitation; Sanitary Sewage Quantity; Sewage Lagoons; Trickling Filters; ...2.0442

INTERACTION OF RADIO-LABELLED BIOCIDES AND HEAVY METALS WITH MICROBIAL ECOSYSTEMS ...Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Microorganisms -nonspecific; Pesticide Degradation -see Deg; Pesticides - nonspecific; Radioisotopes -nonspecific; Waste Water Treatment - general; ...2.0666

THE MOLECULAR NATURE OF ORGANIC WASTE REMOVAL PATTERNS ...Aquatic Fungi -nonspecific; Bacterial Population Surveys; Organic Matter; Process Design; Total Organic Carbon; ...2.0817

ECOLOGY OF SPHAEROTILUS IN ACTIVATED SLUDGE ...Cellular Physiology- Env. Eff.; Chemical Analysis -general; Process Design; Sphaerotilus; Statistics; Thickening; ...2.1005

OXYGEN CONSUMPTION IN CONTINUOUS BIOLOGICAL CULTURE ...Aeration (water); Gases; Process Design; Waste Water Treatment -general; ...2.1024

ADVANCED WASTEWATER TREATMENT USING POWDERED ACTIVATED CARBON IN RECIRCULATING SLURRY CONTACTOR-CLARIFIERS ...Adsorption; Bench Scale; Chemical Oxygen Demand; Coagulation; Tertiary Treatment; Waste Water Treatment -general; ...2.1153

TERTIARY TREATMENT IN THE PURIFICATION OF WASTE WATER ...Alum Waste Water Treatment; Denitrification -see Nitrogen; Ocean; Septic Tanks; Trickling Filters; Waste Water Treatment -general; ...2.1180

MYCOLOGICAL PHENOMENA IN SEWAGE SPREADING BASINS ...Activated; Cellular Catabolism-see Degrad; Environmental Factors; Sewage; Soil Bacteria; Soil Microbiology; Waste Disposal on Soils; ...2.1185

WASTE TREATMENT AND ANALYSIS FOR THE CITY OF MACON, GEORGIA ...Disposal; Industrial Wastes; Pilot Plants; Pulp and Paper Wastes; Urban Environment; ...2.1234

MECHANISMS OF SLUDGE THICKENING ...Mechanism Determination; Solid Waste; Thickening; Waste Treatment; ...2.1256

UPTAKE AND RELEASE OF SOLUBLE ORTHOPHOSPHATE BY ACTIVATED SLUDGE ...Aeration (water); Gases; Ionic Effect; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Temperature; ...2.1257

OPTIMAL DESIGN OF WASTE TREATMENT SYSTEMS ...Anaerobic Wastewater Treatment; Optimization; Economic; Process Design; Waste Treatment; ...2.1277

PILOT PLANT DEMONSTRATION OF A LIME-BIOLOGICAL TREATMENT PHOSPHORUS REMOVAL SYSTEM ...Coagulation; Lime Treatment; Pilot Plants; Process Design; Sewage - Domestic; Waste Treatment Economics; Waste Water Treatment -general; ...2.1279

PILOT-SCALE STUDY OF IMPROVED PHOSPHATE REMOVAL BY MODIFIED ACTIVATED SLUDGE PROCESS ...Burning; Dewatering; Lakes; Pilot Plants; Thickening; Waste Water Treatment -general; ...2.1302

THE CHARACTERIZATION OF SOLUBLE PHOSPHORUS COMPOUNDS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Densitometer; Hydrolysis; Esterification; Sewage - Domestic; Tertiary Treatment; Thin Layer Chromatography; ...2.1303

PHOSPHATE REMOVAL BY BIOLOGICAL PROCESS ...Dewatering; Pilot Plants; Process Design; ...2.1308

NITRIFICATION AND DENITRIFICATION OF WASTE WATER ...Denitrification -see Nitrogen; Farm Animal Wastes; Pilot Plants; Sewage - Domestic; ...2.1312

WINERY WASTEWATER - CHARACTERIZATION AND TREATMENT ...Acidity (water); Anaerobic Bacteria; Contamination - Water; Food Processing Industries; Sewer Systems; Waste Treatment; ...2.1348

PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PLANT ...Aeration (water); Alum Waste Water Treatment; Denitrification -see Nitrogen; Precipitation; Sewage - Domestic; ...2.1351

PROCESS DEVELOPMENT FOR REMOVAL OF NUTRIENT MATERIALS FROM WASTEWATERS ...Additives; Anaerobic Wastewater Treatment; Denitrification -see Nitrogen; Effluent-standards; Pollutant Removal; Waste Water Treatment -general; ...2.1363

POWDERED CARBON TREATMENT OF WASTEWATER ...Electrochemistry; Fluidized Bed Reactor; Organics; Process Design; Thermal Regeneration; Turbidity; Waste Treatment Economics; ...2.1369

A STUDY OF THE KINETICS OF THE ACTIVATED SLUDGE PROCESS ...Differential Equations; Kinetics; Nitrobacter; Waste Water Treatment -general; ...2.1372

RELATIONSHIP OF ACTIVATED SLUDGE BULKING TO ORGANIC LOADING, OXYGEN AVAILABILITY, AND HYDRAULIC CHARACTERISTICS OF THE AERATION TANK ...Aeration, Aeration (water); Organics; Process Design; ...2.1376

OPERATIONAL STABILITY OF THE EXTENDED AERATION PROCESS ...Aeration (water); Pilot Plants; ...2.1385

KINETICS AND MECHANISMS IN ACTIVATED SLUDGE PROCESSES ...Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Kinetics; Process Design; Sewage Bacteria; Waste Water Treatment -general; ...2.1386

WASTE WATER PURIFICATION ...Adsorption; Combustion; Dewatering; Energy Conversion; Sedimentation; Surfactants -see Detergents; ...2.1390

MICROBIOLOGICAL CHARACTERIZATION OF ACTIVATED SLUDGE IN A WASTEWATER TREATMENT PLANT CHEMICALLY MODIFIED FOR PHOSPHORUS REMOVAL ...Bacterial Identification; Cellular Physiology- Env. Eff.; Organics; Phosphorus and Phosphorus Cpds; ...2.1405

BIOLOGICAL TREATMENT PILOT PLANT AND SLUDGE DISPOSAL FACILITY ...Burning; Centrifugation; Dewatering; Filters-filtration; Pilot Plants; Process Design; Waste Treatment Economics; ...2.1406

THE EFFECT OF DETERGENTS ON THE OXYGENATION OF WATER ...Absorption - Chemistry; Adsorption; Detergents -see Surfactants; Hydrophilic; Hydrophobic; Sewage - Domestic; Surfactants -see Detergents; ...2.1440

OPTIMAL CONDITIONING PROCEDURES FOR WASTE ACTIVATED SLUDGE DISPOSAL ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Dewatering; Digestion; Electrochemistry; Sand Filters; Waste Water Treatment -general; ...2.1442

DEMONSTRATION PROJECT OF BIOLOGICAL ADSORPTION OF POLLUTANTS FROM COMBINED STORM WATER RUNOFF AND SANITARY SEWAGE ...Digestion; Disinfection; Rain; Sewer Systems; ...2.1456

RESEARCH AND REFERENCE TO SEWAGE EFFLUENT PONDS ...Biochemical Oxygen Demand; Linings - Pavings; Pond; Waste Water Treatment -general; ...2.1457

APPLICATIONS OF AGGLOMERATE SIZE MEASUREMENT TO PROBLEMS IN WATER RESOURCES MANAGEMENT ...Coagulation; Colloidal Phenomena; Flocculation; Management (water); Waste Water Treatment -general; ...2.1458

PARABIOTIC GROWTH CHARACTERISTICS OF SELECTED SEWAGE BACTERIA ...Aerobic Bacteria; Bacterial Ecology; Heterotrophic Bacteria; Sewage; Sewage Bacteria; Waste Water Treatment -general; ...2.1536

EFFICIENT PRICING FOR URBAN WASTE WATER RENOVATION - PHASE I ...Computer Models; Plating Wastes; Simulation Theory; Urban Research -general; ...2.1807

COMPLETE MIX ACTIVATED SLUDGE UNIT PROCESS ADAPTION TO LOW TEMPERATURE ...Alaska; Biochemical Oxygen Demand; Meteorological Extremes; Pilot Plants; Sewage - Domestic; ...3.0063

TRANSIENT LOADING EFFECTS IN THE ACTIVATED SLUDGE PROCESS ...Modification of Models; Organics; Results of Models; Sedimentation; Waste Management -see Specific; Waste Water Degradation; ...3.0067

TECHNIQUES FOR IMPROVING THE AMOUNT AND EFFICIENCY OF OXYGEN INCORPORATION INTO RAPID-RATE BIOLOGICAL WASTE TREATMENT SYSTEMS ...Oxidation; Rapid Reactions; Sewage Bacteria; Waste Treatment; Waste Treatment Economics; ...3.0087

SENSORS FOR CONTROLLING THE ACTIVATED SLUDGE PROCESS ...Detectors and Sensors; Economic Efficiency; Effluents - Waste Water; Georgia; Waste Treatment Economics; ...3.0116

ACTIVATED SLUDGE - BIO-DISC TREATMENT OF DISTILLERY WASTES ...Distillery Wastes; Organics; Temperature; Waste Management -see Specific; ...3.0126

BIOPOLYMERS AND POLYMER-PRODUCING MICROORGANISMS IN ACTIVATED SLUDGE ...Food Processing Wastes; Microorganisms -nonspecific; Sewage - Domestic; Soil Bacteria; Waste Treatment Economics; Water Pollution Sources; ...3.0127

SOLID AND LIQUID WASTES ...Flocculation; Salmonella -nonspecific & -ot.; Solid Waste; Waste Water -general; ...3.0219

SOLID AND LIQUID WASTES - TREATMENT ...Anseriformes; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Detergents -see Surfactants; Feces; Poultry -nonspecific; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...3.0220

WEST COXSACKIE PROJECT - HIGH-PERFORMANCE BIO-TREATMENT OF MUNICIPAL SEWAGE ...Aerobic Waste Water Treatment; Chlorination; New York; Oxidation; Precipitation; Process Design; Sewage - Domestic; ...3.0225

ACID EMULSION BREAKING - ACTIVATED SLUDGE FOR BAKERY WASTE ...Disposal; Groundwater; New York; Waste Water Treatment -general; ...3.0230

IMPROVED CAPABILITIES OF BIOLOGICAL SYSTEMS TO ASSIMILATE OIL ...Activated; Degradation -see Pesticide Deg; Oil Removal; Petroleum Industry; Waste Water Treatment -general; ...3.0243

CONVERSION OF EXISTING ANAEROBIC DIGESTERS TO AEROBIC DIGESTERS - FULL PLANT SCALE ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Digestion; Filtration; Ohio; Pulp and Paper Wastes; ...3.0267

PHOSPHATE REMOVAL BY ACTIVATED SLUDGE PROCESS APPLICATION - PLANT SCALE DEMONSTRATION ...Kinetics; Mechanism Determination; Recycle Water; Waste Water Treatment -general; ...3.0269

PHOSPHATE REMOVAL BY ACTIVATED SLUDGE PROCESS SPECIFICATION - PLANT SCALE RESEARCH ...Pilot Plants; Sewage Treatment Plant; ...3.0270

RESEARCH INITIATION-PHYSIOLOGICAL AND STRUCTURAL STUDIES OF SPHAEROTILUS NATANS IN RELATION TO THE BULKING OF ACTIVATED SLUDGE ...Bacterial Morphology; Chemical Analysis (water); Isotope Tracer -see Tracers; Microscopy; Sphaerotilus; ...3.0271

BIOLOGICAL CONCEPTS FOR DESIGN AND OPERATION OF THE ACTIVATED SLUDGE PROCESS ...Biological Treatment-general; Data Reduction and Analysis; Process Design; ...3.0275

SOLUBLE PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PROCESS ...Alum Waste Water Treatment; Phosphorus and Phosphorus Cpds; Sewage; Sewage Bacteria; ...3.0300

APPLICATION OF HYPERFILTRATION WITH DYNAMICALLY-FORMED MEMBRANES TO TREATMENT OF MUNICIPAL SEWAGE EFFLUENTS ...Effluent-standards; Electrochemistry; Membranes; Porosity; Sewage; Tertiary Treatment; ...3.0319

ISOLATION OF LYTIC AGENTS RELATED TO SPHAEROTILUS ...Bacillus Cereus; Cell Injury and Autolysis; Geotrichum; Sewage; Sewage Bacteria; Sphaerotilus; ...3.0334

SEWAGE PHOSPHORUS REMOVAL BY AN ACTIVATED SLUDGE PLANT ...Aeration; Optimization, Economic; ...3.0353

LABORATORY SCALE FEASIBILITY STUDY OF USING REVERSE OSMOSIS TO CONCENTRATE PRE-TREATED DOMESTIC SEWAGE ...Bench Scale; Disinfection; Potable Water; Potable Water -see Potable; Reverse Osmosis; Sewage - Domestic; Waste Treatment Economics; ...3.0355

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Aeration (water); Canning Wastes - see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

Activation Analysis

MINERAL MATTER IN COAL ...Atomic Absorption; Coal; Combustion Air Pollution-gen, Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Antarctica; Chemical Composition; Core Analysis; Energy Conversion; Glaciology; Ion Exchange; Particulates - Air Pollution; Technology - Social Impact; ...1.0073

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE ...Atmospheric Dynamics; Bromine; Chlorine;

Iodine; New Zealand; Trace Elements; Urban Research -general; ...1.0137

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII ...Air Pollution; Air Pollution Sampling; Antarctica; Atomic Absorption; Lead; Pacific Ocean; Trace Analysis; ...1.0138

STUDY OF PETROGRAPHIC AND MINERALOGICAL CHARACTERISTICS OF CARBONATE ROCKS RELATED TO SULFUR OXIDE SORPTION IN FLUE GASES ...Absorption - Chemistry; Carbonates; Environmental Geology; Microscopy; Power Plants; Trace Element Analysis; ...1.0553

NUCLEAR METHODS OF ANALYSIS ...Coal Research; Desulfurization; Fluid Mechanics; Pilot Plants; ...1.0857

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Cesium; Fish; Marine Animals; Radioactive Fallout; Radioactivity; Sea Water Sampling; Zinc; ...2.0051

ATMOSPHERIC CHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Illinois; Precipitation Instruments; Snow; ...2.0122

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Atmosphere Disturbance; Erosion; Iowa; Location; Methods; Sediment Yield; Sediments; Soil Chemical Properties; ...2.0145

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLE ...Nutrients; Sediment Yield; Small Watersheds; ...2.0146

RADIOELEMENT STUDIES IN THE OCEANS ...Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Ocean Circulation -general; Radioactive Fallout; Radioactivity; ...2.0187

THE ROLE OF PAPER MILL ADDITIVES AS POTENTIAL STREAM POLLUTANTS ...Additives; Atmospheric and Environmental; Industrial Wastes; Pulp and Paper Wastes; Waste Treatment; Water Quality Control -general; ...2.0412

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Marine Geology; Mercury; Pacific Ocean; Radioactivity; Sea Water Sampling; Trace Analysis; ...2.0418

DEVELOPMENT OF NUCLEAR ANALYTICAL TECHNIQUES FOR OIL SLICK IDENTIFICATION ...Atmospheric and Environmental; Law Enforcement; Marine and Hydrology; Oil; Petroleum Wastes - Spillage; ...2.0501

PHYSICAL CHEMISTRY OF RADIOELEMENTS - RADIOMETRIC METHODS OF ANALYSIS ...Analysis and Detection; Chemical Extraction; Gamma Spectroscopy; Ion Exchange; Spectrographic Techniques; Water Pollution Sources; ...2.0515

GEOCHEMICAL OCEAN SECTION STUDY ...Chemical Composition; Gamma Spectroscopy; Marine Geology; Radioactive Isotopes; Radioactivity; Sea Water Chemistry; Trace Analysis; ...2.0844

DEVELOPMENT NEUTRON ACTIVATION TECHNIQUES FOR INVESTIGATION OF WATER CLARIFICATION ...Coagulation; Flocculation; Soil Filters; Zeta Potential; ...2.0915

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Diffusion; Groundwater Movement; Organic Matter; Oxidation; Polarography; Septic Tanks; Soil Chemical Properties; Soil Moisture; ...2.0989

TURBULENT DIFFUSION AND REAERATION IN NATURAL RIVERS ...Aeration (water); Analysis and Detection; Dispersion (water); Mathematical Models; Radioisotopes; Reservoirs and Impoundments; ...2.1102

ABSORPTION OF CHROMIUM BY CLAYS ...Adsorption; Demineralization; Metal Processing Wastes; Ore Deposits; Waste Material Recovery; Waste Treatment; Waste Water Treatment - general; ...2.1233

EVALUATION OF TREATMENT PLANTS BY TRACER METHODS ...Isotope Tracer -see Tracers; Process Design; Sewage - Domestic; Waste Management -see Specific; ...3.0114

BIO-ENVIRONMENTAL STUDIES ...Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Black Sea; Deltas; Electrical Properties; Marine Biology - General; Marine Environments; Radioactive Isotopes; Temperature; Trace Elements; Xray Diffraction; ...5.0068

RESEARCH WITHIN THE FRAMEWORK OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY ...Accident; Dosimetry; Instrumentation; Neutron -see Radiation; Radiation Instruments; Radiologic Health; ...5.0839

Adenosine Diphosphate

HF-AIR POLLUTION AND INTERMEDIARY METABOLISM ...Agropyron; Herbicides and Other Chem; Nitrogen Metabolism; Respiration; Triticum; ...1.0427

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cotoran, Glycine; Herbicides and Other Chem; Oligomycin; Pesticide Formulation; Pesticide Phytotoxicity; Triazines -nonspecific; ...4.0215

EFFECTS OF WHOLE BODY GAMMA-RADIATION ON THE RESPIRATORY CHAIN OF MITOCHONDRIA AND THE ANAEROBIC GLYCOLYSIS OF NEW BORN CNS ...Adenosine Triphosphate; Developmental Physiology; Muridae; Radiation Sensitivity -man; Radiation, Low Level; Radiation, Whole Body; X and Gamma Rays; ...5.0200

Adenosine Triphosphate

AIR LEAD POLLUTION - EFFECT ON THE G6PD DEFICIENT NEGRO ...Air Pollution -see Specifics; Lead; Sulfhydryl Compounds; Toxicology; ...1.0219

PHYSIOLOGICAL RESPONSES OF PLANTS TO TOXIC AIR POLLUTANTS ...Enzymes; Lycopersicum; Mineral Nutrition; Pathological Physiology; Pinus Nigra; Respiration; Vegetables; ...1.0365

HF-AIR POLLUTION AND INTERMEDIARY METABOLISM ...Adenosine Diphosphate; Agropyron; Herbicides and Other Chem; Nitrogen Metabolism; Respiration; Triticum; ...1.0427

AEROBIC, HETEROTROPIC BACTERIA IN ESTUARIES ...Anaerobic Bacteria; Bacterial Identification; Degradation -see Pesticide Deg; Heterotrophic Bacteria; Marine Plants; Organic Matter; ...2.0995

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Animal Pharmacology; Chromium; Dieldrin; Iodine; Ms-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

METABOLIC ROLE OF INORGANIC ELEMENTS IN SALMONIDS - 15 - EFFECT OF TOXIC LEVELS OF COPPER OR ENZYME ACTIVITIES ...Contamination - Water; Mineralogical Water Properties; Nutrition; Salmonidae; Stress Effects; ...2.1750

ENERGY-DEPENDENT ION MOVEMENTS AND ACCUMULATION IN MEMBRANES OF SALMONID TISSUES ...Contamination - Water; Salinity (water); Salmonidae; ...2.1751

BIO-MASS DETERMINATION - A NEW TECHNIQUE FOR THE CONTROL OF AERATION SEWAGE TREATMENT PROCESS ...Aeration (water); Bacteria; Bacteria -nonspecific; Biological Treatment-general; Sewage - Domestic; ...3.0103

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Adenosine Diphosphate; Cotoran; Glycine; Herbicides and Other Chem; Oligomycin; Pesticide Formulation; Pesticide Phytotoxicity; Triazines -nonspecific; ...4.0215

MECHANISMS OF HERBICIDE ACTION ...Cellular Biosynthesis; Diuron; Herbicides and Other Chem; Nitrogen Metabolism; Pesticide Action on Plants; Photosynthesis; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0340

THE EFFECT OF PESTICIDES ON PRIMARY PRODUCERS IN A FRESHWATER ECOSYSTEM (ABBREV.) ...Aroclor; Insecticides -nonspecific; Pesticides -see Pesticide; Phytoplankton; Polychlorinated Biphenyl Cpds.; ...4.0707

EFFECT OF RADIATION ON THYROID PROTEIN BIOSYNTHESIS ...Biochemical Analysis - Tissues; Carbon; Cellular Biosynthesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0091

THE ROLE OF ENERGY METABOLISM IN REPAIR AND MACROMOLECULE SYNTHESIS AFTER IRRADIATION ...Biological Dosimetry; Cellular Repair Mechanisms; Dose Rate, Dose Fractionation; Radiation Injury Prevention; ...5.0094

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

EFFECTS OF WHOLE BODY GAMMA-RADIATION ON THE RESPIRATORY CHAIN OF MITOCHONDRIA AND THE ANAEROBIC GLYCOLYSIS OF NEW BORN CNS ...Adenosine

Diphosphate; Developmental Physiology; Muridae; Radiation Sensitivity dman; Radiation, Low Level; Radiation, Whole Body; X and Gamma Rays; ...5.0200

PROTECTION AGAINST RADIATION DAMAGE TO CHROMOSOMES ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Lethal Mutation; Radiation; ...5.0310

Administration and Management

COMEX AIR POLLUTION COMPUTER RESEARCH PROJECT ...Air Pollution; Air Pollution -see Specifics; Computer Methods - general; Decision Making; Education -see Training; Social Aspects; Urban Research -general; ...1.0476

EVALUATION OF FACTORS RELATING TO THE PROPOSED DESIGNATION OF AIR QUALITY CONTROL REGIONS ...Air Pollution Analysis; Atmospheric Dynamics; Government -see Federal Gov.; Model Studies; Urban Planning; Urban Research - general; ...1.0484

LEGISLATION AND REGULATIONS - AQCR PLANS ...Air Cleaning Devices; Cars; Exhaust, Combustion -see Auto; Government -see Federal Gov.; Legal Studies-general; ...1.0527

EVALUATION OF ALTERNATIVE AIR RESOURCE MANAGEMENT POLICIES ...Air Pollution; Management; ...1.0531

DECISION PROCESSES IN WATER QUALITY MANAGEMENT ...Computer Models; Management; Model Studies; Simulation Theory; ...2.0963

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Biological Water Properties, Chesapeake Bay; Information Systems; Management (water); Social Aspects; Soil Tillage; Systems Analysis - Water Mgmt; ...2.1840

A STUDY OF POTENTIAL INSTITUTIONAL ARRANGEMENTS FOR WATER POLLUTION CONTROL IN THE HUDSON-MOHAWK RIVER BASIN ...Government -see Federal Gov.; Hudson River; Organizational Research; River Basins; Water Quality -general; Water Resources Development; ...2.1878

ANALYSIS OF WATER RESOURCES ADMINISTRATIVE AGENCIES ...Management (water); Recreation, Water Resources; Types of Resources; Water Quality -general; Water Resources Planning; ...2.1926

INTERORGANIZATIONAL STRUCTURE RELATING TO WATER QUALITY ADMINISTRATION AND POLICY ...Administrative Organizations; Data Acquisition; Government -see Federal Gov.; Organizational Research; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1939

ENVIRONMENTAL SYSTEMS PROGRAM ...Environmental Hazards; Fiscal Analysis -general; Mathematical Analysis; Political Processes & Systems; Urban Research -general; Waste Disposal-see Solid Waste; ...3.0173

STUDY OF ECONOMICS OF HOSPITAL SOLID WASTE SYSTEMS ...Equipment Costs; Hospitals; Production Size: Economies of; Solid Waste Management; ...3.0192

CENTER FOR ENVIRONMENTAL MANAGEMENT ...Building Design; Contamination -see Air & Water; Environmental Effects - Human; Environmental Hazards; Management (water); Pesticide Toxicity -general; Planning; ...4.0980

Administrative Organizations

WATER QUALITY MANAGEMENT DECISIONS IN COLORADO ...Colorado; Law Enforcement; Management (water); Water Pollutant Identification; Water Quality -general; Water Resources Planning; Water Standards & Baselines; ...2.0520

DECISION PROCESSES IN WATER QUALITY MANAGEMENT ...Administration and Management; Computer Models; Management; Model Studies; Simulation Theory; ...2.0963

OPTIMIZING STRATEGY FOR STATE WATER POLLUTION CONTROL IN THE POST 'PLAN OF IMPLEMENTATION' PERIOD ...Massachusetts; Optimization, Economic; Survey Studies (water); Water Quality Control -general; Water Resources Planning; ...2.1039

ECONOMIC AND INSTITUTIONAL ANALYSIS OF A WASTE WATER RECLAMATION AND REUSE PROJECT ...Economic Impact; Waste Water Treatment -general; Water Reuse; Water Supply -general; Water Supply Augmentation; ...2.1192

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Drainage; Sewage; Storm Water; Urban Planning; Urban Research -general; Water Quality Control -general; Water Supply -general; ...2.1224

DEVELOPMENT OF CRITERIA FOR REGIONALIZATION OF WATER WASTES MANAGEMENT SYSTEMS ...Management (water); Social Aspects; Waste Disposal-see Solid Waste; Water Costs; Water Standards & Baselines; ...2.1403

PROBLEMS RELATED TO THE EFFECTS OF HEATED DISCHARGES FROM THERMAL POWER PLANTS ...Energy Conversion; Generators; Heat Recovery, Industrial; Power Plants - see Specifics; Thermal Pollution; ...2.1740

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer, Water Utilization -plant; ...2.1791

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Benefit-cost Analysis; Colorado; Economic Efficiency, Legal Review; Management (water); Model Studies; Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Appropriation; Eastern U. S.; Government -see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control - general; Water Rights; ...2.1813

ILLINOIS AND ITS INTERSTATE COMPACTS ...Community Health Services; Illinois; Legal Review; Urban Environment; Urban Research -general; Water Resources Protection; ...2.1819

WATER RESOURCE DEVELOPMENT ...Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value - see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Connecticut River; Expenditures; Finance -see Economics Entries; Lakes; Massachusetts; Model Studies; Riparian Rights; Water Pollution Abatement; Water Resources Planning; ...2.1843

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Community - Social Studies; Effluents - Waste Water; Legal Studies; Optimization, Economic; Water Costs; Water Resources Planning; Water Standards & Baselines; Welfare Economics; ...2.1844

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Consumption; Economic Projections- Forecast; Forecasting - Prediction; Statistics; Water Costs; Water Resources Planning; Water Transfer; ...2.1874

A STUDY OF POTENTIAL INSTITUTIONAL ARRANGEMENTS FOR WATER POLLUTION CONTROL IN THE HUDSON-MOHAWK RIVER BASIN ...Administration and Management; Government -see Federal Gov.; Hudson River; Organizational Research; River Basins; Water Quality -general; Water Resources Development; ...2.1878

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Estuaries; General Recreation Studies; Long Island Sound; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Resources Planning; ...2.1880

ALLOCATION OF STREAM POLLUTION CARRYING CAPACITY ...Benefit-cost Analysis; Legislation - Zoning; Model Studies; Social Aspects; Water Allocation; Water Pollution Abatement; ...2.1885

APPRAISAL OF WATER MANAGEMENT INSTITUTIONS - SURVEY OF OREGON WATER LAW ...Legal Review; Northwest U. S.; Survey Studies (water); Water Standards & Baselines; ...2.1901

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Delaware River; Effluents - Waste Water; Estuaries; Industrial Wastes; Sedimentation; Waste Disposal-see Solid Waste; Water Resources Development; Water Utilization -general; ...2.1903

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA ...Federal Government; Law Enforcement; Local Government; Recreation, Water Resources; State Government; Water Conservation -general; Water Resources Planning; ...2.1915

WATER RESOURCES STUDY BY TEXAS WATER RESOURCES COMMITTEE ...Finance -see Economics Entries; Legal Studies; State Government; Water - Alternative Uses; ...2.1918

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESER-

VOIRS ...Cost-benefit Analysis; Land Use; Optimization, Economic; Recreation, Outdoor; Texas; User Characteristics -rec.; Water Resources Planning; Water Resources Protection; ...2.1920

ANALYSIS OF WATER RESOURCES ADMINISTRATIVE AGENCIES ...Administration and Management; Management (water); Recreation, Water Resources; Types of Resources; Water Quality -general; Water Resources Planning; ...2.1926

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Demand and Use -recreation; Electric Power Plants; Estuaries; Generators; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

LAW AFFECTING INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Legal Review; Riparian Rights; State Government; Water Pollution Abatement; Water Quality Control -general; Water Standards & Baselines; Wisconsin; ...2.1930

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT - A CASE STUDY OF THE WISCONSIN RIVER BASIN ...Legal Studies; Management (water); Regional Or State Studies; River Basins; Water Quality -general; Water Resources Planning; Wisconsin; ...2.1932

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Economic Efficiency; Management (water); Regional Or State Studies; River Basins; Water Quality Control -general; Water Resources Development; Wisconsin; ...2.1933

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization -general; ...2.1936

INTERORGANIZATIONAL STRUCTURE RELATING TO WATER QUALITY ADMINISTRATION AND POLICY ...Administration and Management; Data Acquisition; Government -see Federal Gov.; Organizational Research; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1939

Adsorption

SELENIUM AND ITS SIGNIFICANCE AS AN AIR POLLUTANT ...Catalysts; Combustion; Disposal; Fuels; Solid Waste; Trace Elements; ...1.0057

CHEMISTRY OF SULFUR IN HOT COMBUSTION GASES ...Air Pollution-chemistry; Catalysis, Heterogeneous; Chemical Mechanisms & Kinetics; Kinetics; Nitrogen and Nitrogen Cpds.; Oxidation; Temperature Effects; ...1.0164

PROPERTIES OF PARTICULATE POLLUTANTS ...Air Pollution-chemistry; Catalysts; Chemical Mechanisms & Kinetics; Gases; Humidity - Water Vapor; Particulates - Air Pollution; Temperature; ...1.0188

STUDY OF IRRADIATED AIR POLLUTANTS ON SPREAD FILMS ...Additives; Air Pollution -see Specifics; Antioxidants - nonspecific; Gases; Natural Occurring Membranes; Radiation Sources -general; ...1.0370

MULTIPLE LIGHT SCATTERING OF POLLUTED ATMOSPHERES ...Aerosols; Air Pollution-chemistry; Colloidal Phenomena; Light Scattering Analysis; ...1.0381

REDUCTION OF NITRIC OXIDE BY GRAPHITE ...Air Pollution-chemistry; Combustion; Kinetics; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Reduction Reactions; ...1.0540

ODOR REMOVAL FROM AIR BY ADSORPTION ON CHARCOAL ...Data & Statistics Info Storage; Odor; Thermal Properties; ...1.0560

RESEARCH INITIATION - RATES OF SORPTION OF MOLECULAR SIEVES IN MULTICOMPONENT SORBATE SYSTEMS ...Catalysts; Combustion; Energy Conversion; Gas Chromatography; Sulfur Dioxide Removal; ...1.0567

NEW INORGANIC MATERIALS FOR SULFUR OXIDE REMOVAL ...Air Pollution-chemistry; Porosity; Sulfur Dioxide Removal; ...1.0568

ADSORPTION RATE STUDIES - AIR POLLUTION ...Air Pollution-chemistry; Gases; Packed Bed Reactor; Sulfur Dioxide Removal; ...1.0569

FUNDAMENTALS OF AIR CLEANING BY SORPTION PROCESSES ...Air Cleaning Devices; Air Pollution-chemistry; Heat Transmission; Infrared Spectroscopy; Mechanism Determination; Spectrographic Techniques; ...1.0596

ALKALINE ADDITIVES FOR SULFUR DIOXIDE CONTROL ...Rate of Reaction; Scrubbers; Sulfur Dioxide Removal; ...1.0600

GAS CLEANING PROCESS STUDIES ...Air Cleaning Devices; Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Kinetics; Nitrogen and Nitrogen Cpds.; Scrubbers; Waste Material Recovery; ...1.0602

PARTICULATE CONTROL STUDIES ...Air Pollution Monitoring; Literature Search; Particulates - Air Pollution; Scrubbers; Sulfur Dioxide Removal; ...1.0604

SO2 WET SCRUBBING REACTION RESEARCH ...Kinetics; Mass Transfer; Scrubbers; Sulfur Dioxide Removal; ...1.0606

APPLIED SCRUBBER RESEARCH FOR CONTROL OF SOX AND NOX ...Mass Transfer; Nitrogen and Nitrogen Cpds.; Pilot Plants; Rate of Reaction; Scrubbers; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0609

EVALUATION OF METAL OXIDES AS SORBENTS FOR SO2 IN POWER PLANT FLUE GASES ...Combustion; Energy Storage - general; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0621

EVALUATION OF METAL OXIDES AS SORBENTS FOR SO2 IN POWER PLANT GASES ...Energy Conversion; Fluidized Bed Reactor; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0622

REGENERATION OF CARBON ADSORBENTS FOR SO2 ...Air Pollution-chemistry; Reducing Agents; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0625

SO2 SORPTION BY AND REMOVAL FROM POLYMERIC MATERIALS . Air Pollution-chemistry; Combustion; Ion Exchange; Waste Material Recovery; ...1.0628

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Air Pollution-chemistry; Electron Diffraction; Fluorometry; Microscopy; Reduction Reactions; X-ray Spectroscopy; Xray Diffraction; ...1.0629

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Chemical Regeneration; Combustion; Nitrogen and Nitrogen Cpds.; Reduction Reactions; Thermal Regeneration; ...1.0633

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GAS--PART C ...Catalysts; Energy Conversion; Mass Spectroscopy; Spectrographic Techniques; Waste Material Recovery; ...1.0635

SORPTION OF GASEOUS POLLUTANTS BY CYCLED OPERATION ...Absorption - Chemistry; Air Pollution-chemistry; Combustion; Energy Conversion; Scrubbers; Solvent; Sulfur Dioxide Removal; ...1.0637

REGENERABLE CHAR SORPTION PROCESS FOR SOX CONTROL ...Combustion; Pilot Plants; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0645

NEW ANALYTICAL METHODS FOR SULFUR DIOXIDE ...Air Pollution-chemistry; Detectors and Sensors; Spectrographic Techniques; Trace Analysis; Waste Material Recovery; ...1.0706

GAS CHROMATOGRAPHY AND AIR POLLUTION CONTROL ...Air Pollution-chemistry; Gas Chromatography; Inorganic Gases; Vacuum Techniques; ...1.0722

HETEOGENEOUS REACTIONS IN AIR POLLUTION ...Air Pollution-chemistry; Corrosion, Deterioration; Nitrogen and Nitrogen Cpds.; Oxidation; Zinc; ...1.0861

HOMOGENEOUS NUCLEATION IN CONTAMINATED ATMOSPHERES ...Condensation Physics; Gases; Humidity - Water Vapor; Particulates - Air Pollution; ...1.0882

PHOSPHORUS IN LAKE SEDIMENTS ...Aluminum; Chemical Properties; Eutrophic Lakes; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

RURAL RUNOFF CONTROL ...Contamination - Water; Nutrients; Pesticides -nonspecific; Soil Chemical Properties; ...2.0111

FATE OF TRACE METALS DERIVED FROM POLLUTION SOURCES IN LAKE MICHIGAN ...Chemical Properties; Lake Deposits; Lead; Trace Elements; ...2.0131

THE FACTOR CONTROLLING THE DYNAMICS OF NONIONIC SYNTHETIC ORGANIC CHEMICALS IN AQUATIC ENVIRONMENTS ...Aquatic Soils; Lakes; Pesticide Aquatic Cycling; Primary Productivity - Plants; Soil Chemical Properties; Water Chemistry; ...2.0140

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Analysis and Detection; Atomic Absorption; Contamination - Water; Lead; Mine Hydrology; Missouri; Pollution Effects -see Water; Water Pollution Effects; Zinc; ...2.0226

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water;

Marine Animals; Marine Environments; Marine Photography-Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

MERCURY UPTAKE AND RELEASE BY BOTTOM SEDIMENTS ...Aquatic Soils; Chemical Properties; Chemical Water Properties; Mercury; Physical Water Properties; Soil Chemical Properties; Wisconsin; ...2.0446

THE SEPARATION AND IDENTIFICATION OF TRACE ORGANICS OF INDUSTRIAL ORIGIN IN NATURAL WATERS ...Concentration; Gas Chromatography; Infrared Spectroscopy; Organic Matter; Spectrographic Techniques; ...2.0581

ANALYSIS OF SOLUTIONS FOR SURFACE-ACTIVE CONSTITUENTS ...Absorption - Chemistry; Chemical Analysis (water); Detectors and Sensors; Electrochemistry; Surfactants -see Detergents; ...2.0598

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Electrochemistry; Filtration; Pilot Plants; Precipitation; Safety - Recreation; Viruses - Animal; Water Pollution -see Specifics; ...2.0836

TESTING METHODS FOR EVALUATION OF BOTH EFFECTIVENESS AND TOXICITY TO AQUATIC LIFE OF VARIOUS TREATING MATERIALS ...Chemical Treatment (water); Degradation -see Pesticide Deg; Oil Removal; Pesticide Toxicity - general; Physiological Effects; Surfactants -see Detergents; ...2.0845

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes; Mechanism Determination; Pesticides -see Pesticide; Wisconsin; ...2.0858

PHYSICAL-CHEMICAL PHENOMENA ASSOCIATED WITH ORGANO-COLLOIDAL SURFACE INTERACTIONS ...Calorimetry; Colloidal Phenomena; Degradation -see Pesticide Deg; Organic Matter; Spectrographic Techniques; Water Chemistry; Xray Diffraction; ...2.0886

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Chemical Analysis general; Fluid Mechanics; Ion Exchange; Isotope Tracer -see Tracers; Mechanism Determination; Reactors; Sand Filters; Utilization; ...2.0888

MECHANISM OF ORGANIC ADSORPTION ON ACTIVATED CARBON ...Color; Color (water); Hydrolysis, Esterification; Organic Matter; Taste & Odor of Water; Waste Water Treatment - general; ...2.0904

IMPROVEMENT OF QUALITY OF WATER RESOURCES BY A THREE-FOLD ATTACK - ADSORPTION, SEDIMENTATION AND MIXING ...Adsorption Capacity; Flocculation; Pollutant Removal; Process Design; Thermodynamics; Water Pollution Abatement; ...2.0905

ADSORPTION FROM AQUEOUS SOLUTION ...Chemical Mechanisms & Kinetics; Fluid Mechanics; Fluidized Bed Reactor; Organic Matter; Organics; Waste Water Treatment -general; ...2.0914

EFFECT OF SURFACE GROUPS ON ADSORPTION OF POLLUTANTS ...Organics; Waste Material Recovery; Waste Water Treatment -general; ...2.0936

REFRACTORY ADSORPTION ON CHEMCOKE ...Coal Research; Refractory; Synthetic, Substitute Mtl.; Waste Water Treatment - general; ...2.0947

ELECTROPHORETIC CLARIFICATION OF WATER ...Colloidal Phenomena; Filtration; Pesticide Residues Removal; Pesticides - see Pesticide; Size; Waste Water Treatment -general; Water Pollution Identification; ...2.0948

ADSORPTION OF ORGANIC COMPOUNDS ONTO SOLIDS FROM AQUEOUS SOLUTIONS ...Chemical Mechanisms & Kinetics; Constants; Fluid Mechanics; Forecasting - Prediction; Model Studies; Organic Matter; Organics; ...2.0949

DEVELOPMENT OF METHODOLOGY FOR ISOLATION OF VIRUSES FROM WATER ...Ionic Effect; Kinetics; Spectrographic Techniques; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.0954

HYDROUS METAL OXIDES - THEIR GEOCHEMISTRY AND EFFECT ON WATER QUALITY ...Adsorption Capacity; Geochemical Analysis (water); Physiological Effects; Water Pollution -see Specifics; ...2.0969

IMPROVING THE QUALITY OF OUR WATER RESOURCES ...Filtration; Pesticides -see Pesticide; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1015

THE INFLUENCE OF SOILS ON POLLUTION ...Drainage; Nutrients; Pesticide Degradation -see Deg; Pesticides -nonspecific; Soil Fertility; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1046

REMOVAL OF TRACE ORGANICS FROM WATER BY ADSORPTION ON COAL ...Coal; Fluidized Bed Reactor; Kinetics; Organics; Utilization; Waste Water Treatment -general; Water Chemistry; ...2.1120

ADVANCED WASTEWATER TREATMENT USING POWDERED ACTIVATED CARBON IN RECIRCULATING SLURRY CONTACTOR-CLARIFIERS ...Activated Sludge; Bench Scale; Chemical Oxygen Demand; Coagulation; Tertiary Treatment; Waste Water Treatment -general; ...2.1153

SORPTION BEHAVIOR OF ORGANIC PYROPOLYMERS IN AQUEOUS SOLUTION ...Organics; Pesticides; Porosity; Tertiary Treatment; Thermal Treatment; Waste Water Treatment -general; ...2.1215

ABSORPTION OF CHROMIUM BY CLAYS ...Activation Analysis; Demineralization; Metal Processing Wastes; Ore Deposits; Waste Material Recovery; Waste Treatment; Waste Water Treatment - general; ...2.1233

COMPETITIVE ADSORPTION IN THE REMOVAL OF ORGANIC POLLUTANTS FROM AQUEOUS SOLUTION ...Chemical Mechanisms & Kinetics; Model Studies; Organic Matter; Organics; Waste Water Treatment -general; Water Chemistry; ...2.1263

DEVELOPMENT OF PULSATING ADSORPTION FILTER FOR TERTIARY TREATMENT OF WASTE WATERS ...Ash-coal Filters; Coal; Organic Matter; Pilot Plants; Sand Filters; Tertiary Treatment; Waste Water Degradation; ...2.1270

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Atomic Absorption; Lead; Mineralogy; Ore Deposits; Pond; Precipitation; Waste Water Treatment -general; X-ray Spectroscopy; ...2.1322

REMOVAL OF PHOSPHATES BY SORPTION ON ACTIVATED ALUMINA ...Alum Waste Water Treatment; Demineralization; Potable Water; Tertiary Treatment; Waste Material Recovery; Water Chemistry; ...2.1326

WASTE WATER PURIFICATION ...Activated Sludge; Combustion; Dewatering; Energy Conversion; Sedimentation; Surfactants -see Detergents; ...2.1390

ZEOLITE REMOVAL OF 137-CS FROM LIQUID WASTE ...Waste Management -see Specific; Waste Treatment Economics; ...2.1414

THE EFFECT OF DETERGENTS ON THE OXYGENATION OF WATER ...Absorption - Chemistry; Activated Sludge; Detergents -see Surfactants; Hydrophilic; Hydrophobic; Sewage - Domestic; Surfactants -see Detergents; ...2.1440

TREATMENT OF DYEING BATH WASTE STREAMS BY FOAMING AND FLOTATION TECHNIQUES ...Chemical Effects; Dye Wastes; Fibers; Foam; Plastics; Southeast U. S.; Textile Industry; ...2.1441

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Algal Physiology; Colloidal Phenomena; Eutrophication; Gases; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Sewage Bacteria; Waste Water Treatment -general; ...2.1463

EFFECTS OF RECENT AND PAST PHOSPHATE FERTILIZATION ON THE AMOUNTS OF PHOSPHORUS PERCOLATING THROUGH SOIL PROFILES INTO SUBSURFACE WATERS ...Fertilizers; Mineralogy; Model Studies; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Organic Content; ...2.1616

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Aquatic Ecology - Animal; Atomic Absorption; Geochemical Analysis (water); Lead; Precipitation; Water Pollution Effects; Water Purification; Zinc; ...2.1626

BACTERIAL ADSORPTION ON SOILS ...Bacterial Pollutant Sources; Forecasting - Prediction; Recharge (water); Soil Moisture; Water Pollutants - Path of; Water Wells; ...2.1737

SORPTION ISOTHERMS OF PHENOL ON ION EXCHANGE RESINS ...Ion Exchange; Waste Management -see Specific; ...3.0119

REMOVAL OF PHOSPHATE FROM WATER BY ALUMINUM AND IRON ...Chemical Treatment (water); Coagulation; Diffraction; Precipitation; Sewage; Water Chemistry; Water Pollution Sources; ...3.0218

REACTIONS OF TRIAZINE-HERBICIDES WITH SOIL COMPONENTS ...Chemical Analysis; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil - Calcareous; Soil Organic Content; ...4.0082

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Pesticide Absorption Rates; Pesticides - nonspecific; Rate of Reaction; Soil Chemical Properties; Soil Profile; Surfactants - Wetting Agents; Tension and Measurement; ...4.0094

STRUCTURAL CHEMISTRY OF SOIL HUMIC SUBSTANCES ...Chelation & Complexing; Hydrolysis, Esterification; Organic Soils -see Soils; Pesticides -nonspecific; Reduction Reactions; Soil Chemical Properties; Soil Microbiology; ...4.0106

PESTICIDE-SOIL COLLOID INTERACTIONS ...Benzoic Acid Cpds.; Chemical Degradation; Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

REDUCTION OF HAZARDS ASSOCIATED WITH THE PRESENCE OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Environment Accumulation Rates; Insecticides -nonspecific; Pesticide Persistance in Soils; Pesticide Residues; Soil Chemical Properties; ...4.0127

MECHANISM OF ADSORPTION OF VARIOUS HERBICIDES BY SOIL HUMIC SUBSTANCES ...Chemical Analysis; Environment Accumulation Rates; Kinetics; Pesticide Persistance in Soils; Soil Amendments; Soil Chemical Properties; ...4.0171

SOILS, PESTICIDES, AND THE QUALITY OF WATER ...Clay Soils; Pesticide Formulation; Pesticides -nonspecific; Sandy Soils - see Soil Type; Soil Thermal Properties; ...4.0187

RADIOLYSIS OF HETEROGENEOUS SYSTEMS ...Chemical Mechanisms & Kinetics; Colloidal Phenomena; Conductrometry, Light Scattering Analysis; Radiation; Radiochemical Analysis; Spectrographic Techniques; ...5.0259

THEORETICAL DESCRIPTION OF THE INTERACTIONS THAT OCCUR BETWEEN RADON DECAY PRODUCTS AND AEROSOLS ...Aerosols; Radiation Effects - Biological; Radioactive Hazard; Radon, Respiratory Tract, Inhaled; ...5.0447

TRITIATED HYDROGEN IN THE ATMOSPHERE - OF A NEW ULTRA-SENSITIVE TECHNIQUE FOR ENVIRONMENTAL SAMPLING IN NATURE AND INDUSTRY (ABBREV.) ...Air Pollution-chemistry; Atmospheric Dynamics, Catalysis, Heterogeneous; Combustion; Detectors and Sensors; Industrial Wastes; Radioactivity; ...5.0813

Aeration (water)

PRODUCTION AND DISPERSAL OF PATHOGENIC BACTERIAL AND VIRAL AEROSOLS BY AERATION OF CONTAMINATED WATERS ...Aerosols; Bacteriophage; Farm Animal Wastes; Statistics; Waste Water Treatment -general; Water Pollution -see Specifics; ...1.0042

WATER QUALITY MANAGEMENT OF IMPOUNDMENTS ...Destratification; Engineering Structures-general; Eutrophication; Lakes; Management (water); North Carolina; Reservoirs and Impoundments; ...2.0287

ACID MINE DRAINAGE - PILOT PLANT EVALUATION ...Acid Mine Drainage; Core Analysis; Microorganisms -nonspecific; Model Studies; ...2.0345

THE ROLE OF PAPER MILL ADDITIVES AS POTENTIAL STREAM POLLUTANTS ...Activation Analysis; Additives; Atmospheric and Environmental; Industrial Wastes; Pulp and Paper Wastes; Waste Treatment; Water Quality Control -general; ...2.0412

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR ESTUARY POLLUTION CONTROL ...Boundary Layer Studies; Estuaries; Organic Matter; Tidewater Areas; Water Quality Control -general; ...2.0694

RIVER ESTUARY POLLUTION CONTROL STUDIES WITH RADIOISOTOPES ...Dispersion (water); Dyes; Estuaries; Marine and Hydrology; Radioisotopes; ...2.0695

AERATION OF LAGOONS IN RIGOROUS CLIMATE AREAS ...Pilot Plants; Sewage Lagoons; Urban Environment; Water Pollution Effects; ...2.0869

HYDROLOGY OF CACHUMA RESERVOIR ...California; Oxygen Content (water); Plant Population Dynamics -gen; Soil Tillage; Taste & Odor of Water; Water Quality -general; Water Utilization -domestic; ...2.0878

NITRIFICATION-DISSOLVED OXYGEN RELATIONSHIPS ...Illinois River; Water Resources Planning; Water Standards & Baselines; ...2.0892

OXYGENATION OF AQUEOUS BODIES USING LIQUID OXYGEN ...Chemical Mechanisms & Kinetics; Diffusion; Process Development; Waste Treatment Economics; ...2.0916

CHEMISTRY OF HYDROSOLIC METALS IN NATURAL WATER ...Demineralization; Geochemical Analysis (water); Oxidation; Precipitation; Water Chemistry; Water Supply -general; ...2.0968

WATER QUALITY CONTROL BY SELECTIVE WITHDRAWAL AND REAERATION ...Mathematical Models; Reservoirs and Impoundments; Seismology; Turbidity (water); Water Quality - general; ...2.0979

REAERATION IN OPEN CHANNEL FLOW ...Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment - general; ...2.0983

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Diffusion; Groundwater Movement; Organic Matter; Oxidation; Polarography; Septic Tanks; Soil Chemical Properties; Soil Moisture; ...2.0989

CHARACTERIZATION OF STREAM REAERATION CAPACITY ...Mathematical Models; Tracers; Waste Treatment Economics; Waste Water Treatment -general; ...2.0998

SYMPOSIUM PRESENTATION OF RESEARCH FINDINGS ON THE REAERATION CAPACITY OF STREAMS AND ESTUARIES ...Estuaries; Isotope Tracer -see Tracers; Mass Transfer; Radioisotopes; Water Chemistry; Water Pollution Abatement; ...2.0999

EFFECTS OF CONTAMINANTS ON REAERATION ...Chemical Oxygen Demand; Illinois River; Management (water); Turbidity (water); Water Purification; ...2.1009

OXYGEN CONSUMPTION IN CONTINUOUS BIOLOGICAL CULTURE ...Activated Sludge; Gases; Process Design; Waste Water Treatment -general; ...2.1024

INDUCED AIR MIXING OF LARGE BODIES OF POLLUTED WATER ...Acidity (water); Density; Industrial Wastes; Mathematical Models; Reservoirs and Impoundments; ...2.1031

REVERSAL OF EUTROPHICATION THROUGH ARTIFICIAL AERATION OF LAKES ...Benthic Fauna; Eutrophic Lakes; Michigan; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Vertical Distribution; ...2.1045

ANALYSIS OF THERMAL POLLUTION DISPERSION ...Effluents - Waste Water; Model Studies; Stratification (water); Water Pollution Effects; ...2.1055

PHOTOSYNTHETIC REAERATION IN THE UPPER PASSAIC RIVER ...Chemical Treatment (water); New Jersey; Oxygen Content (water); Photosynthesis; Streams & Rivers; Water Purification; ...2.1056

INSTREAM AERATION AND PARAMETERS OF NITROGENOUS BIOCHEMICAL OXYGEN DEMAND ...Algal Physiology; New Jersey; Systems Analysis - Water Mgmt; Turbidity (water); Water Quality Control -general; ...2.1057

OXYGEN REGENERATION OF POLLUTED RIVERS ...Delaware River; Dispersion (water); Economic Efficiency; Water Pollution Abatement; ...2.1058

REACTION CAPACITY OF STREAMS IN NEW JERSEY ...New Jersey; Water Quality Control -general; ...2.1061

STREAM REAERATION ...Flow Characteristics (water); Nutrients; Organic Matter; Physiological Effects; Southwest U. S.; ...2.1080

DISPOSAL OF SLUDGE FROM ACID MINE DRAINAGE TREATMENT PLANTS ...Acid Mine Wastes; Agricultural Runoff; Infiltration; Neutralization; Sprinkler Irrigation; Waste Disposal-see Solid Waste; ...2.1090

TURBULENT DIFFUSION AND REAERATION IN NATURAL RIVERS ...Activation Analysis; Analysis and Detection; Dispersion (water); Mathematical Models; Radioisotopes; Reservoirs and Impoundments; ...2.1102

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

MODELING OF VENTED HYDROTURBINE REAERATION ...Energy Conversion; Fluid Mechanics; Mathematical Models; Pumps; Reservoirs and Impoundments; Turbines; ...2.1134

NITRIFICATION AT LOW TEMPERATURE ...Biological Treatment-general; Effluent-standards; Oxygen; Sewage - Domestic; ...2.1184

TREATMENT OF PEAK WET WEATHER WASTEWATER FLOWS, AND RATE CONTROL OF ALL WASTEWATER DISCHARGES TO INTERCEPTOR SEWERS ...Infiltration; Overflow -see Fluid Mechanics, Sewage Lagoons; Sewer Systems; Storm Sewer Quantity; Waste Wate. Treatment -general; ...2.1190

INDIVIDUAL WASTE DISPOSAL SYSTEMS ...Effluent-standards; Pipe, Sewer Maintenance; Waste Disposal-see Solid Waste; ...2.1205

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Alum Waste Water

Treatment; Chlorination; Disinfection; Electrical Phenomena; Fluid Mechanics; Pilot Plants; Tertiary Treatment; Waste Water Treatment -general; ...2.1221

AMMONIA STRIPPING MATHEMATICAL MODEL FOR WASTE WATER TREATMENT ...Computer Languages; Development of Models; Finance -see Economics Entries; Mathematical Models; Model Studies; Precipitation; Waste Treatment Economics; ...2.1246

UPTAKE AND RELEASE OF SOLUBLE ORTHOPHOSPHATE BY ACTIVATED SLUDGE ...Activated Sludge; Gases; Ionic Effect; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Temperature; ...2.1257

TREATMENT OF AQUEOUS AGRICULTURAL WASTES FOR CLEAN WATER AND FOR MICROBIAL PROTEIN PRODUCTION ...Biochemical Oxygen Demand; Farm Animal Wastes; Microorganisms -nonspecific; Product Development Research; Surface Active-other; Water Pollution Sources; ...2.1271

EXPERIMENTAL OPTIMIZATION OF STEP AERATION WASTE TREATMENT SYSTEMS ...Development of Models; Mathematical Models; Optimization, Economic; Systems Analysis - Water Mgmt; ...2.1276

BIOLOGICAL TREATMENT OF BEEF ANIMAL WASTES TO REDUCE WATER POLLUTION ...Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Oxidation; ...2.1278

PILOT PLANT INSTALLATION FOR USE OF FUNGI IMPERFECTI ON VEGETABLE WASTES ...Food Processing Industries; Minnesot Pilot Plants; Waste Water Treatment -general; ...2.1309

DEMONSTRATION OF THE CHANNEL AERATION PROCESS IN TREATMENT OF SEWAGE ...Aquatic Plants -nonspecific; Effluents - Waste Water; Nutrients; Sewage; Viral Pollutant Sources; ...2.1310

PROCESS CONTROL MODEL FOR OXYGEN REGENERATION OF POLLUTED RIVERS ...Benefit-cost Analysis; Information Control Theory; Mathematical Analysis; Model Studies; Systems Analysis - Water Mgmt; ...2.1335

THE ORGANIC CONCENTRATION GRADIENT IN AN AERATION COLUMN ...Bubbles; Organic Matter; Organic Water Properties; Separation; Surfactants -see Detergents; ...2.1337

PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PLANT ...Activated Sludge; Alum Waste Water Treatment; Denitrification -see Nitrogen; Precipitation; Sewage - Domestic; ...2.1351

RELATIONSHIP OF ACTIVATED SLUDGE BULKING TO ORGANIC LOADING, OXYGEN AVAILABILITY, AND HYDRAULIC CHARACTERISTICS OF THE AERATION TANK ...Activated Sludge; Aeration; Organics; Process Design; ...2.1376

OPERATIONAL STABILITY OF THE EXTENDED AERATION PROCESS ...Activated Sludge; Pilot Plants; ...2.1385

REMOVAL OF NITROGENOUS COMPOUNDS FROM A FERTILIZER PLANT EFFLUENT USING A MODIFIED OPERATION OF CONVENTIONAL WASTE TREATMENT SYSTEMS ...Denitrification -see Nitrogen; Ion Exchange; Precipitation; Trickling Filters; ...2.1417

POLLUTION PREVENTION BY AERATION OF FRUIT PROCESSING WASTES ...Activated; Aerobic Bacteria; Biochemical Oxygen Demand; Food Processing Industries; Lagoon; Plant Waste Removal, Treatment; Waste Drying; ...2.1449

THE THICKENING AND DEWATERING OF PRECIPITATES FROM THE LIME/LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Wastes; Centrifugation; Disinfection; Filtration; Lime Treatment; Thickening; ...2.1453

PLANNING AND SPECIAL STUDIES ...Meetings; Nitrogen and Nitrogen Cpds.; Toxic Minerals; Water Quality -general; Water Resources Planning; ...2.1802

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Benefit-cost Analysis; Effluents - Waste Water; Industrial Wastes; Management (water); Potomac River; Systems Analysis - Water Mgmt; Water Costs; Water Quality Control -general; ...2.1905

SWINE WASTE TREATMENT AND DISPOSAL ...Animal Wastes - Feed Lots; Effluents - Waste Water; Irrigation; Sewage Lagoons; Waste Disposal on Soils; ...3.0058

SUBARCTIC AERATION LAGOON INVESTIGATIONS, BIOKINETIC REQUIREMENTS AND SEASONAL AND DURNAL EFFECTS ON NUTRIENT BALANCE ...Alaska; Lagoon; Military Aspects; Nutrients; Pilot Plants; Waste Treatment Economics; ...3.0062

AERATED LAGOONS & ANAEROBIC REACTORS - A FIELD & LAB STUDY OF THEIR EFFICIENCIES & DESIGN PRINCIPLES IN SEWAGE TREATMENT ...Anaerobic Wastewater Treatment; Farm Animal Wastes; Process Design; Sewage Lagoons; ...3.0083

AERATED SEWAGE LAGOON INVESTIGATION - BOISSEVAIN ...Canada; Economic Efficiency; Sewage - Domestic; Sewage Lagoons; Waste Water Treatment -general; ...3.0089

EVALUATION OF THE APPLICABILITY OF AERATED LAGOONS FOR SEWAGE TREATMENT ON THE CANADIAN PRAIRIES ...Activated; Canada; Economic Efficiency; Lagoon; Sewage - Domestic; Sewage Lagoons; Waste Treatment Economics; ...3.0090

MASS TRANSFER AND CHEMICAL REACTION IN TWO-PHASE FLOW ...Fluid Mechanics; Model Studies; Pipe; Sewer Systems; Waste Water Treatment -general; ...3.0100

BIO-MASS DETERMINATION - A NEW TECHNIQUE FOR THE CONTROL OF AERATION SEWAGE TREATMENT PROCESS ...Adenosine Triphosphate; Bacteria; Bacteria -nonspecific; Biological Treatment-general; Sewage - Domestic; ...3.0103

AEROBIC SECONDARY TREATMENT OF POTATO PROCESSING WASTES WITH MECHANICAL AERATION ...Aeration; Aerobic Waste Water Treatment; Canning Wastes - see Food Proc.; Process Design; Secondary Treatment; Waste Treatment Economics; ...3.0118

WASTE TREATMENT FOR AN INDIVIDUAL HOME WITH REUSE OF THE WATER ...Filters-filtration; Flushing Devices; Materials, Composite; Recycle Water; Small Sanitation Unit; ...3.0139

LIVESTOCK WASTE TREATMENT AND DISPOSAL ...Anaerobic Wastewater Treatment; Antibiotics -nonspecific; Feces; Noise -see Noise; Sewage Lagoons; Waste Disposal on Soils; ...3.0141

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Chemical Oxygen Demand; Farm Animal Wastes; Lagoon; Noise -see Noise; Recycle Water; Sus; ...3.0145

LAGOONS FOR DISPOSAL OF BARN YARD WASTES ...Bos; Effluents - Waste Water; Farm Animal Wastes; Lagoon; Microorganisms -nonspecific; Sewage Lagoons; Taste & Odor of Water; ...3.0152

FARM ANIMAL WASTE DISPOSAL ...Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Digestion; Electroosmosis; Farm Animal Wastes; Sewage Lagoons; Waste Drying; ...3.0181

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Anseriformes; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Detergents -see Surfactants; Feces; Poultry -nonspecific; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...3.0220

HANDLING AND DISPOSAL OF POULTRY WASTES ...Aeration; Animal Wastes - Feed Lots; Farm Animal Wastes; Northeast U. S.; Waste Disposal on Soils; ...3.0234

SYSTEMS FOR ALLEVIATING ODORS FROM POULTRY WASTES ...Carbon; Costs -see Economics Entries; Farm Animal Wastes; Feces; Poultry -nonspecific; ...3.0235

LIVESTOCK WASTE DISPOSAL SYSTEM INVOLVING REUSE OF WATER ...Aluminum; Bos; Farm Animal Wastes; Livestock - nonspecific; Sand Filters; Water Reuse; ...3.0257

RESEARCH INITIATION-PHYSIOLOGICAL AND STRUCTURAL STUDIES OF SPHAEROTILUS NATANS IN RELATION TO THE BULKING OF ACTIVATED SLUDGE ...Activated Sludge; Bacterial Morphology; Chemical Analysis (water); Isotope Tracer -see Tracers; Microscopy; Sphaerotilus; ...3.0271

SOLUBLE PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Alum Waste Water Treatment; Phosphorus and Phosphorus Cpds; Sewage; Sewage Bacteria; ...3.0300

ECONOMIC OPTIMIZATION OF SECONDARY TREATMENT AND DETERMINATION OF LOAD TO CONTROL BIOLOGICAL GROWTHS IN A STREAM ...Lagoon; Optimization, Economic; Secondary Treatment, Waste Treatment Economics; ...3.0336

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Canning Wastes - see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Degradation; Formulations -nonspecific; Herbicides -nonspecific; Metabolites From Pesticides; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; ...4.0518

Aerial Photography -see Photo.

APPLICATION OF REMOTE SENSING METHODS IN DETECTING AIR POLLUTION DAMAGE TO VEGETATION ...Aerial Photography -see Aerial; Air Pollution Effects; Remote Sensing; Sulfur Dioxide; ...1.0774

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Chemical Analysis (water); Environmental Geology; Hydrographs; Land Use; Soil Tillage; Water Quality -general; Water Table; Water Wells; ...2.0570

REMOTE SENSING OF WATER QUALITY IN THE MARINE ENVIRONMENT ...Electronic Detection, Tracking; Infra Red Photography; Marine Environments; Marine Pollution; Thermal Properties; ...2.0615

INVESTIGATION OF THE THERMAL PATTERNS IN THE VICINITY OF THE CRYSTAL RIVER ...Atomic Plants; Energy Conversion; Forecasting - Prediction; Infrared Radiation; Thermal Pollution; ...2.0685

AIR PHOTO ANALYSIS OF OCEAN OUTFALL DISPERSION ...Currents (water); Industrial Wastes; Lake; Marine Environments; Sewage; Surveying; ...2.0741

CRITERIA FOR RECOGNITION OF ESTUARINE WATER POLLUTION BY AERIAL REMOTE SENSING ...Electromagnetic Radiation; Estuaries; Photography; Surveying; Water Pollutant Identification; ...2.0770

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Coastlines - Shorelines; Economic Geology -general; Infrared Radiation; Legal Studies-general; Navigation; Tides; Tidewater Areas; Water Quality -general; ...2.0795

DEFINITION OF THE MIXING ZONE FOR WASTE EFFLUENT DISCHARGED INTO SURFACE WATERS ...Dispersion (water); Effluents - Waste Water; Energy Conversion; Model Studies; Physical Models; Water Pollutants - Path of; ...2.1460

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

PULP MILL EFFLUENT DISPOSAL ...Chemical Analysis -general; Dispersion (water); Effluents - Waste Water; Industrial Wastes; Marine Photography- Television; Oregon; Pulp and Paper Wastes; Sea Water Sampling; Surveying; ...2.1678

GREATER ANCHORAGE AREA BOROUGH, ALASKA ...Alaska; Environmental Hazards; Geologic Maps; Reconnaissance Studies; Rocks - Bedrock; Surficial Geology Studies; ...2.1801

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Groundwater; Land Use; Percolation (water); Primary Treatment; Secondary Treatment; Social Aspects; Survey Studies (water); Water Quality - general; ...2.1907

Aerobic Waste Water Treatment

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Flood Irrigation; Groundwater; Potable Water; Recreation, Water Resources; Septic Tanks; Sewage - Domestic; Water Wells; ...2.0883

CONCENTRATION OF CHEMICALS BY FLOC FORMING ORGANISMS ...Farm Animal Wastes; Industrial Wastes; Product Development Research; Waste Water Treatment -general; ...2.0933

KINETICS OF BIOLOGICAL FILTERS . Cellular Model Systems; Kinetics; Mathematical Models; Microorganisms -nonspecific; Organics; Trickling Filters; .. 2.0943

TERTIARY TREATMENT IN THE PURIFICATION OF WASTE WATER ...Activated Sludge; Alum Waste Water Treatment; Denitrification -see Nitrogen; Ocean; Septic Tanks; Trickling Filters; Waste Water Treatment -general; ...2.1180

CONCENTRATION OF SUGAR BEET WASTES FOR ECONOMIC TREATMENT WITH BIOLOGICAL SYSTEMS ...Biochemical Oxygen Demand; Effluent-standards; Precipitation; Waste Treatment Economics, ...2.1199

ARMOUR INDUSTRIAL CHEMICAL SECONDARY WASTEWATER TREATMENT ...Chemical Industry; Chemical Oxygen Demand; Food Processing Industries; Local Government; Pilot Plants; Water Pollution -see Specifics; ...2.1243

EAST CHICAGO TREATMENT LAGOON ...Anaerobic Wastewater Treatment; Chlorination; Effluent-standards; Sewer Systems; Waste Water Treatment -general; ...2.1265

CATTLE FEEDLOT WASTE WATER TREATMENT ...Agricultural Runoff; Anaerobic Wastewater Treatment; Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Lagoon; Sewage Lagoons; ...2.1274

TERTIARY TREATMENT OF ANIMAL WASTE WATERS ...Bos; Denitrification -see Nitrogen; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1346

WINERY WASTEWATER - CHARACTERIZATION AND TREATMENT ...Acidity (water); Activated Sludge; Anaerobic Bacteria; Contamination - Water; Food Processing Industries; Sewer Systems; Waste Treatment; ...2.1349

OPTIMAL CONDITIONING PROCEDURES FOR WASTE ACTIVATED SLUDGE DISPOSAL ...Activated Sludge; Anaerobic Wastewater Treatment; Dewatering; Digestion; Electrochemistry; Sand Filters; Waste Water Treatment -general; ...2.1442

POLLUTION PREVENTION BY AERATION OF FRUIT PROCESSING WASTES ...Activated; Aerobic Bacteria; Biochemical Oxygen Demand; Food Processing Industries; Lagoon; Plant Waste Removal, Treatment; Waste Drying; ...2.1449

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Effluents - Waste Water; Industrial Wastes; Management (water); Potomac River; Systems Analysis - Water Mgmt; Water Costs; Water Quality Control -general; ...2.1905

STABILIZATION OF ORGANIC WASTES FROM CATTLE FEEDLOTS IN SEMI-ARID CLIMATES BY COMPOSTING TECHNIQUES ...Anaerobic Wastewater Treatment; Bos; Farm Animal Wastes; Semi - Arid Regions; ...3.0012

SWINE WASTE TREATMENT AND DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Effluents - Waste Water; Irrigation; Sewage Lagoons; Waste Disposal on Soils; ...3.0058

AERATED LAGOONS & ANAEROBIC REACTORS - A FIELD & LAB STUDY OF THEIR EFFICIENCIES & DESIGN PRINCIPLES IN SEWAGE TREATMENT ...Aeration (water); Anaerobic Wastewater Treatment; Farm Animal Wastes; Process Design; Sewage Lagoons; ...3.0083

WASTE DISPOSAL IN RURAL AREAS ...Biochemical Oxygen Demand; Connecticut; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rural Areas; Septic Tanks; Waste Disposal on Soils; Water Pollutant Identification; ...3.0098

AEROBIC DISPOSAL OF ANIMAL WASTES WITH CONTINOUS WATER REUSE ...Biochemical Oxygen Demand; Farm Animal Wastes; Process Design; Waste Dilution- Self Purifying; Waste Water Degradation; Water Reuse; ...3.0111

AEROBIC SECONDARY TREATMENT OF POTATO PROCESSING WASTES WITH MECHANICAL AERATION ...Aeration; Aeration (water); Canning Wastes -see Food Proc.; Process Design; Secondary Treatment; Waste Treatment Economics; ...3.0118

LIVESTOCK WASTE TREATMENT AND DISPOSAL ...Aeration (water); Anaerobic Wastewater Treatment; Antibiotics -nonspecific; Feces; Noise -see Noise; Sewage Lagoons; Waste Disposal on Soils; ...3.0141

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Color; Disinfection; Farm Animal Wastes; Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment - general; ...3.0168

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Digestion, Electroosmosis; Farm Animal Wastes; Sewage Lagoons; Waste Drying; ...3.0181

THERMOPHILIC METABOLISM IN SOLID SUBSTRATES ...Degradation; Landfills -see Water Pollution; Solid Waste; Urban Research -general; Waste Disposal on Soils; ...3.0188

WEST COXSACKIE PROJECT - HIGH-PERFORMANCE BIOTREATMENT OF MUNICIPAL SEWAGE ...Activated Sludge,

Chlorination; New York; Oxidation; Precipitation; Process Design; Sewage n Domestic; ...3.0225

TREATMENT OF BEAN HOUSE WASTES FROM A VEGETABLE TANNERY ...Anaerobic Wastewater Treatment; Electrochemistry; Neutralization; Tannery Wastes; ...3.0262

CONVERSION OF EXISTING ANAEROBIC DIGESTERS TO AEROBIC DIGESTERS - FULL PLANT SCALE ...Activated Sludge; Anaerobic Wastewater Treatment; Digestion; Filtration; Ohio; Pulp and Paper Wastes; ...3.0267

DEMONSTRATION OF A NEW PROCESS FOR THE TREATMENT OF HIGH POLLUTANT CONCENTRATION TEXTILE AND FINISHING WASTES ...Anaerobic Wastewater Treatment; Industrial Wastes; Oxidation; Rhode Island; Textile Industry; Waste Treatment Economics; Waste Water Treatment -general; ...3.0307

THERMOPHILIC AEROBIC PROCESS FOR WASTE TREATMENT ...Activated; Mathematical Models; Process Design; Thermophilic Bacteria; Waste Water Treatment -general; ...3.0308

TREATMENT OF COTTON TEXTILE WASTE BY ENZYMES AND UNIQUE HIGH RATE TRICKLING FILTER SYSTEM ...Catalysts; Effluent-standards; Textile Industry; Trickling Filters; Waste Treatment Economics; ...3.0315

FARM WASTE DISPOSAL ...Animal Wastes - Feed Lots; Farm Animal Wastes; Irrigation; Model Studies; Physical Models; Sewage Lagoons; Tennessee; ...3.0316

AEROBIC AND ANAEROBIC BIODEGRADATION OF DETERGENTS ...Aerobic Bacteria; Anaerobic Bacteria; Analysis and Detection; Chemical Oxygen Demand; Home Economics; Product Development Research; ...4.1106

Aerodynamic Configuration

INVESTIGATION OF LOW SPEED AERODYNAMICS AND NOISE GENERATION MECHANISMS FOR DESIGN OF QUIET RECONNAISSANCE AIRCRAFT ...Flights; Noise; Noise Abatement; ...6.0018

SYSTEMS STUDY OF HELICOPTER NOISE REQUIREMENTS ...Aircraft; Noise Abatement; Signal Analysis; ...6.0089

Aerosols

CHARACTERIZING ASBESTOS-BEARING AEROSOLS ...Air Pollution -see Specifics; Asbestos; Diffraction; Microscopy; Respiratory Irritants, Inhaled; ...1.0004

AROMATIC BY-PRODUCTS OF COMBUSTION ...Air Pollution-chemistry; Combustion; Effects; Mechanism Determination; Oxidants; Photochemical Reactions; Solar Radiation -sunshine; ...1.0006

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0018

PRODUCTION AND DISPERSAL OF PATHOGENIC BACTERIAL AND VIRAL AEROSOLS BY AERATION OF CONTAMINATED WATERS ...Aeration (water); Bacteriophage; Farm Animal Wastes; Statistics; Waste Water Treatment -general; Water Pollution -see Specifics; ...1.0042

ANALYSIS OF CHEMICAL COMPOUNDS IN AN URBAN AEROSOL ...Air Pollution; Air Pollution-chemistry; Chromatography; Coulometry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0135

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII ...Activation Analysis; Air Pollution; Air Pollution Sampling; Antarctica; Atomic Absorption; Lead; Pacific Ocean; Trace Analysis; ...1.0138

INHALATION OF WHOLE SMOKE, SYNTHETIC SMOG, & AMBIENT AIR ON THE RESPIRATORY TRACT & OTHER ORGANS OF PATHOGEN-FREE MICE (ABBREV) ...Carbon Monoxide; Muridae; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0179

EFFECTS OF DENTAL AEROSOLS ON OPERATORY AND SUBMARINE ENVIRONMENTS ...Air Pollution -see Specifics; Bacterial Toxins -nonspecific; Environmental Effects - Human; Military Personnel; Oral Bacteria; Submarine & Diving Medicine; ...1.0190

EFFECT OF EXPOSURE TO THE TOTAL SUBMARINE ATMOSPHERIC ENVIRONMENT ON PHYSIOLOGICAL FUNCTIONS ...Air Pollution -see Specifics; Carbon Monoxide; Environmental Effects - Human; Military Personnel; Respiratory Irritants, Inhaled; Submarine & Diving Medicine; Toxicology; ...1.0191

PHYSIOLOGICAL RESPONSE TO ATMOSPHERIC POLLUTANTS ...Air Pollution -see Specifics; Air Pollution-chemistry; Caviidae; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0213

INFLUENCE OF AIRBORNE FACTORS ON LUNG CLEARANCE ...Asbestos; Nitrogen and Nitrogen Cpds.; Respiratory Disease; Sulfur Dioxide; ...1.0235

CHARACTERIZATION OF EXPOSURE AEROSOLS ...Air Pollution -see Specifics; Data & Statistics Info Storage; Electrostatic; Radon; Respiratory Irritants, Inhaled; Toxicology; ...1.0236

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE USE OF REACTIVITY SCALES FOR PREDICTING CHEMICAL REACTIVITIES OF HC-NOX MIXTURES ...Air Pollution -see Specifics; Aldehydes -nonspecific; Dosimetry; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Ultra Violet Radiation; ...1.0238

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE REACTIVITY OF BENZALDEHYDE-NO AIR MIXTURES ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Oxidants; ...1.0239

MULTIPLE LIGHT SCATTERING OF POLLUTED ATMOSPHERES ...Adsorption; Air Pollution-chemistry; Colloidal Phenomena; Light Scattering Analysis; ...1.0381

AEROSOL FILTRATION IN SLIP AND TRANSITION FLOW ...Filters; Filtration; Particulate Matter - Air Poll.; ...1.0534

FILTRATION OF AEROSOLS BY GRANULAR BEDS ...Additives; Air Cleaning Devices; Combustion; Energy Conversion; Furnace and Incinerator Design; ...1.0595

DUST DEPOSITION AND RETENTION ...Radioisotopes -nonspecific; Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0598

STUDIES ON AEROSOLS OF SIZES DOWN TO 0.05 MICRON ...Air Pollution-chemistry; Coalescence; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Photolysis; ...1.0669

TECHNIQUE FOR ACID AEROSOL DETECTION AND ANALYSIS (ABBREV) ...Air Pollution-chemistry; Chemical Analysis - general; Films; Plastics; ...1.0676

BIOENGINEERING ASPECTS OF AIR POLLUTION ...Air Pollution -see Specifics; Models (physical) of Anim.&man; Respiratory Irritants, Inhaled; Smog -see Air Pollution; Smoke; Tobacco - cigarettes; ...1.0677

MEASUREMENTS FOR AIR QUALITY ...Air Pollution Analysis; Air Pollution-chemistry; Chemical Composition; Gases; Light Scattering Analysis; Particulates - Air Pollution; Raman Spectroscopy; ...1.0687

ATMOSPHERIC CHEMISTRY OF BORON ...Air - Water; Air Pollution-chemistry; Colorimetric Methods; Electrochemistry; Spectrographic Techniques; ...1.0697

SELECTIVE AND SENSITIVE METHODS FOR THE DETERMINATION OF SULFURIC ACID AEROSOLS ...Air Pollution-chemistry; Chelation & Complexing; Electroanalyses; Electrochemistry; Mercury; Reduction Reactions; Spectrographic Techniques; ...1.0708

STUDY THE LEVELS OF POLYCYCLIC HYDROCARBONS IN AN URBAN ATMOSPHERE ...Air Pollution -see Specifics; Air Pollution-chemistry; Organic Compounds; Urban Environment; Weather Data; ...1.0730

GENERATION AND DECAY OF SMALL IONS ...Air Pollution-chemistry; Coagulation; Detectors and Sensors; Electroanalyses; Heat Transmission; Oxidation; Photochemical Reactions; ...1.0731

AEROSOL MEASUREMENTS IN LOS ANGELES SMOG ...Air Pollution Analysis; Air Pollution Monitoring; California; Chemical Analysis -general; Coagulation; Data & Statistics Info Storage; Smog; ...1.0732

INFLUENCE OF AEROSOL CHARACTERISTICS ON VISIBILITY ...Air Pollution Monitoring; Chemical Composition; Optical Properties; Visibility; ...1.0856

CONDENSATION NUCLEI AND AEROSOL POPULATIONS RELATED TO FOG FORMATION ...Air Pollution Analysis; California; Fog - Mist Dissipation; Meteorological Condensation; Nucleation Physics; ...1.0867

MECHANISMS OF PHOTOCHEMICAL REACTIONS IN URBAN AIR ...Air Pollution-chemistry; Lead; Nitrogen and Nitrogen Cpds.; Oxidation; Particulates - Air Pollution; Photochemical Reactions; Urban Research -general; ...1.0869

PHOTOCHEMICAL REACTIONS IN A FLOW REACTOR ...Flow Reactor; Infrared Spectroscopy; Light-catalyzed; Photochemical Reactions; ...1.0871

TRACER STUDIES IN AIR POLLUTION - SULFUR DIOXIDE ...Catalysis, Heterogeneous; Energy Conversion; Isotope Tracer - see Tracers; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0875

STATISTICAL METHODS IN AEROSOL STUDIES ...Air Pollution Analysis; Air Pollution-chemistry; Coalescence; Literature Search; Stochastic Processes; ...1.0878

PHYSICAL CHEMISTRY OF AEROSOLS ...Light Scattering Analysis; Particulates - Air Pollution; Refractometry; ...1.0883

ELECTRICAL CHARGING OF SMALL PARTICLES AT LOW PRESSURES ...Electric Field; Electrical Phenomena; Electrostatic; ...1.0893

DYNAMICAL THEORIES OF KNUDSEN AEROSOLS ...Air Pollution-chemistry; Electric Field; Heat Transmission; Mass Transfer; ...1.0915

THE METABOLISM OF THE RARE EARTHS FOLLOWING INHALATION - PATHOLOGIC AND BIOCHEMICAL RESPONSE IN THE LUNG AND OTHER ORGANS ...Environmental Effects - Human; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Thulium; Ytterbium; ...5.0049

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Cerium; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer - see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

STUDIES ON HAZARDS OF THE TRANSPLUTONIUM ELEMENTS ...Actinium A C; Body Isotope Burden; Colloids; Gold; Muridae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0117

TOXICITY OF 144CE INHALED IN FUSED CLAY BY THE BEAGLE DOG ...Body Isotope Burden; Cerium; Microorganisms -nonspecific; Respiratory Irritants, Inhaled; ...5.0426

METABOLISM AND DOSIMETRY OF 90SR INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Canidae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Yttrium; ...5.0427

TOXICITY OF INHALED 90SR CHLORIDE IN THE BEAGLE DOG ...Canidae; Nuclear Warfare; Respiratory Irritants, Inhaled; Urine; ...5.0428

DISTRIBUTION AND EXCRETION OF 137 CS INHALED IN FUSED CLAY PARTICLES BY THE DOG ...Cerium; Fission Products-see Radioact.; Radiation Injury Prevention; Radioactive Isotopes; Strontium; ...5.0429

RADIATION DOSE PATTERNS ASSOCIATED WITH INHALATION OF ALPHA-EMITTING RADIONUCLIDES BY THE BEAGLE DOG ...Canidae; Digestive System - Human; Occupational Hazards; Radiologic Health; ...5.0432

INITIAL DEPOSITION OF RADIONUCLIDE-CONTAINING PARTICLES IN THE LUNGS OF BEAGLE DOGS ...Ceramics; Inspection and Control; Medical, Dental Materials; Yttrium; ...5.0434

TOXICITY OF INHALED 90Y IN FUSED CLAY IN THE BEAGLE DOG ...Canidae; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Strontium; ...5.0435

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Beta Particles; Biochemical Analysis - Tissues; Fission Products-see Radioact.; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Respiratory Irritants, Inhaled; ...5.0436

THE EFFECT OF THE INHALATION OF RADIONUCLIDES IN 'INSOLUBLE' FORMS ON THE FATE OF INHALED BACTERIA IN MICE ...Bacterial Population Surveys; Microorganisms; Proteus -nonspecific; Staphylococcus Aureus; Stressors, Physiological; Yttrium; ...5.0439

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Canidae; Muridae; Radiation Effects - Biological; Radiologic Health; Respiratory Irritants, Inhaled; Stibium; Thulium; ...5.0440

METABOLISM AND DOSIMETRY OF Y91 INHALED AS FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Canidae; Feces; Respiratory Irritants, Inhaled; Yttrium; ...5.0441

TOXICITY OF SR90 IN FUSED CLAY IN THE BEAGLE DOG ...Beta Particles; Canidae; Radiation Dose Studies-general; Respiratory Irritants, Inhaled; Strontium; ...5.0442

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Barium; Cerium; Fission Products-see Radioact.; Praseodymium; Radioactivity; Strontium; Yttrium; ...5.0446

THEORETICAL DESCRIPTION OF THE INTERACTIONS THAT OCCUR BETWEEN RADON DECAY PRODUCTS AND AEROSOLS ...Adsorption; Radiation Effects - Biological; Radioactive Hazard; Radon; Respiratory Irritants, Inhaled; ...5.0447

GENERATION OF MONODISPERSE AEROSOLS OF INSOLUBLE FORMS FOR USE IN INHALATION EXPOSURES ...Body Isotope Burden; Chelation & Complexing; Electrical Phenomena; Fission Products-see Radioact.; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0448

MORPHOLOGICAL AND CYTOLOGICAL STUDIES OF LUNG RESPONSES TO INHALATION AND IRRADIATION ...Monkey; Plutonium; Radiation Dose Studies-general; Respiratory Irritants, Inhaled; Tumor Pathology; X and Gamma Rays; ...5.0610

SPACE NUCLEAR SYSTEMS STUDIES ...Body Isotope Burden; Chemical Mechanisms & Kinetics; Plutonium; Radiation Dose Studies-general; Radioactive Hazard; Space Medicine - Exobiology; Sun; ...5.0735

INHALATION STUDIES - AEROSOL TECHNOLOGY STUDIES ...Biochemical Analysis - Tissues; Instrument Services; Mammals - nonspecific; Plutonium; Radiation Injury Prevention; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0747

CALIBRATION OF RESPIRABLE DUST SAMPLERS FOR INHALATION HAZARD EVALUATION ...Air Pollution -see Specifics; Dust; Radiation Effects - Biological; Radioactive Hazard; Radioisotopes -nonspecific; Respiratory Irritants, Inhaled; Toxic Substances; ...5.0864

RELATIONSHIP BETWEEN THE PHYSICAL PROPERTIES OF INHALED AEROSOLS AND RESPIRATORY DEPOSITION ...Miners; Models (physical) of Animals/man; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; Radium; Respiratory Irritants, Inhaled; ...5.0874

INHALATION STUDIES - KINETICS AND DOSIMETRY STUDIES ...Americum; Curium; Muridae; Promethium; ...5.0959

INHALATION HAZARDS TO URANIUM MINERS - RADIOCHEMICAL STUDIES ...Mammals -nonspecific; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Radium; Scintillation Counting; Spectrographic Techniques; ...5.0961

Aerospace Studies

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Air Pollution -see Specifics; Aircraft; Aviation Medicine; Detectors and Sensors; Military Personnel; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Tobacco -cigars; Toxic Substances; ...1.0194

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aviation Medicine; Environmental Hazards; Ionizing Radiation - see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity - man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

HIGH ALTITUDE RADIATION INSTRUMENT SYSTEM ...Aircraft Remote Sensing; Environmental Hazards; Ionization Chambers; Radiation Detectors; Spectrographic Techniques; ...5.0786

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aircraft; Altitude; Cosmic Rays; Radiation Injury Prevention; ...5.0862

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Air Occupation - Avocation; Aviation Medicine; Protons; Radioactivity; Spectrographic Techniques; ...5.0863

CONCORDE RADIATION WARNING DEVICE TESTS ...Altitude; Aviation Medicine; Cosmic Rays; Radiation Injury Prevention; Warning Systems; ...5.0912

AIR CREW PERSONNEL NOISE EXPOSURE ...Aircraft; Aviation Medicine; Fatigue; Noise; Noise Abatement; Pilots; Sensory & Perceptual Processes; ...6.0014

ACOUSTIC INTERFERENCE WITH COCKPIT COMMUNICATIONS ...Noise; Pulse Modulation; Sensory & Perceptual Processes; Signal Analysis; ...6.0015

Aggregrates - Crushed Rock

DENVER METROPOLITAN AREA, COLORADO ...Engineering Geology; Floods; Geologic Maps; Land Use; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Environment; Urban Research -general; ...2.0066

Aging

INITIATE A STUDY AND COMPLETE COLLECTION OF DATA RELATING EXPOSURE TO O3 AIR POLLUTION TO ALTERATIONS IN THE BIOCHEMICAL NATURE OF LUNG LIPIDS ...Air Pollution -see Specifics; Biochemical Analysis - Tissues; Respiratory Irritants, Inhaled; ...1.0249

BIOLOGY OF ANADROMOUS ALOSIDS ...Contamination - Water; Embryology -basic; Fish & Shellfish Biology, Marine Animals; Spawn Or Nesting Sites; Virginia; ...2.1748

BIOCHEMISTRY AND PHYSIOLOGY OF ADIPOSE TISSUE OF MEAT ANIMALS ...Chemical Analysis; Chlorine; Gamma Spectroscopy, Ovis; Petroleum Cpds. -nonspecific; Sus; ...4.0837

STUDIES OF TRANSURANIC ELEMENTS AND OTHER RADIOACTIVE BONE-SEEKERS ...Americum; Astatine; Californium; Muridae; Primates -nonspecific; Radiation Injury Prevention; Strontium; ...5.0108

GERONTOLOGIC CHANGES IN BEAGLES ...Antioxidants -nonspecific; Canidae; Potassium; Radiation Carcinogenesis; Radiation Injury Prevention; Stressors, Physiological; Temperature - Human Body; ...5.0130

AGING OF BIOLOGICAL SYSTEMS IN SPACE MISSIONS ...Aldehydes -nonspecific; Carbon; Muridae; Radiation Effects - Biological; Stressors, Physiological; Ultra Violet Radiation; X and Gamma Rays; ...5.0184

EFFECTS OF IRRADIATION ON THE IMMATURE MOUSE ...Developmental Physiology; Muridae; Radiation Effects - Biological; Radiation Sensitivity -man; ...5.0210

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - GROWTH AND DEVELOPMENT STUDIES ...Atomic Bomb; Digestive System - Human; Japan; Nuclear Warfare, Radiation Effects - Biological; ...5.0229

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - MORTALITY STUDIES ...Atomic Bomb; Human Developmental Biology; Japan; Nuclear Warfare; ...5.0230

NEUTRON AND GAMMA RAY TOXICITY STUDIES EMPLOYING THE JANUS BIOLOGY REACTOR COMPLEX ...Accident; Digestive System - Human; Occupational Hazards; Radiation Effects - Biological; Radiation, Lethal Dose; Rodentia -other; ...5.0278

CURRENT TRENDS IN SURVIVORSHIP OF RADIOLOGISTS ...Medical, Professional; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; ...5.0351

TOXICITY OF 144CE INHALED IN FUSED CLAY BY THE BEAGLE DOG ...Aerosols; Body Isotope Burden; Cerium; Microorganisms -nonspecific; Respiratory Irritants, Inhaled; ...5.0426

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Biochemical Analysis - Tissues; Fission Products-see Radioact.; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Respiratory Irritants, Inhaled; ...5.0436

THE PATHOLOGY OF ACCELERATED AGING IN GERMFREE MICE ...Bacteria -nonspecific; Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0451

EFFECT OF RADIATION ON GLUCOSAMINOGLYCANS IN BONE ...Cellular Biosynthesis, Healing; Mammals -nonspecific; Metabolism & Metab. Diseases; Radiation Effects - Biological; X and Gamma Rays; ...5.0496

MECHANISMS OF PERMANENT AND DELAYED PATHOLOGIC EFFECTS OF RADIATION ...Muridae; Rabbits; Radiation Carcinogenesis, Radiation Effects - Biological; Radiation Injury Prevention; X and Gamma Rays; ...5.0497

EFFECT OF RADIATION ON PROTEINS AND RELATED COMPOUNDS ...Hydrogen; Mammals -nonspecific; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0498

HEMATOPOIESIS IN NORMAL AND IRRADIATED ANIMALS ...Canidae; Radiation Effects - Biological; ...5.0500

OPTIC LENS OF MAN - INCIDENCE OF MINUTE, DISCRETE SUBCAPSULAR OPACITIES WITH AGING OR FOLLOWING IRRADIATION ...Atomic Bomb; Nuclear Warfare; Occupational Hazards; Radiation Effects - Biological; Radiation, Low Level; Radiologic Health; X and Gamma Rays; ...5.0515

INFLUENCE OF AGE AND RADIATION EXPOSURE ON HUMAN LYMPHOCYTE RESPONSE TO PHYTOHEMAGGLUTININ (PHA) ...Atomic Bomb; Radiation; Radiation, Whole Body; Radiologic Health; X and Gamma Rays; ...5.0522

BIOLOGICAL MECHANISMS OF NATURAL AND RADIATION-INDUCED AGING ...Muridae, Mutagenesis -nonspecific; Physical Mutagenesis; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; Somatic Mutation; ...5.0524

IONIZING RADIATION, BEHAVIORAL DEVELOPMENT, AND AGING ...Learning and Retention; Psychology; Radiation Dose Studies-general; Radiation, Low Level; ...5.0605

BIOCHEMISTRY OF LIPIDS AND MEMBRANES IN IRRADIATED AND NEOPLASTIC CELLS ...Digestive System - Human; Radiation Effects - Biological, Radiation Injury Prevention; Tumor Pathology; ...5.0628

RADIOSENSITIVITY OF IMMUNOCOMPETENT CELLS IN STATES OF FLUX ...Muridae; Radiation; Radiation Sensitivity - man; ...5.0643

LATE EFFECTS OF LOW DOSE RATE GAMMA RAYS DURING THE PRENATAL PERIOD ...Developmental Physiology; Experimental Teratology; Mammals -nonspecific; Radiation Carcinogenesis; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0655

THE RADIOSENSITIVITY OF MAMMALIAN GERM CELLS ...Cellular Physiology- Env. Eff.; Muridae; Mustelidae; Radiation Sources -general; ...5.0710

THE AGE FACTOR IN RADIATION SENSITIVITY OF MAMMALS ...Mammals -nonspecific; Radiation Carcinogenesis; Radiation Sensitivity -man; Respiratory Disease; ...5.0713

DEATH FROM AGING, CANCER, IRRADIATION, AND OTHER STRESSES ...Canidae; Injury and Shock; Radiation Effects - Biological; Stressors, Physiological; ...5.0725

RELATIONSHIP OF LOCAL RADIATION DOSE OF BONE-SEEKING RADIONUCLIDES TO DAMAGE ...Canidae; Cell Injury and Autolysis; Radiation Carcinogenesis; Radium; ...5.0951

Agricultural Studies -general

AN EMISSION AND CONTROL COST STUDY OF THE FEED AND GRAIN INDUSTRY ...Air Pollution -see Specifics; Costs - see Economics Entries; Dust; Feed Processing Industries; ...1.0462

THE CLIMATIC RESOURCES OF THE NORTH CENTRAL REGION ...Atmospheric Dynamics; North Central U. S.; Radiation Sources -general; Weather Data; ...1.0754

REACTOR COOLING WATER FOR AGRO-INDUSTRIAL DEVELOPMENT THROUGH SOIL WARMING ...Atomic Plants, Mathematical Models; Soil Moisture; Temperature Regulation; ...2.0319

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff, Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

REHABILITATION OF A BRINE-POLLUTED AQUIFER ...Aquifers; Arkansas; Brines; Fluid Properties; Irrigation; Water Pollution Abatement; Water Utilization -domestic; ...2.0962

RIVER BASINS - SOUTH FORK DAM ...Dams -general; Irrigation; Model Studies, Platte River; River Basins; ...2.0978

TECHNICAL, ECONOMIC & LEGAL ASPECTS IN THE EXCHANGE OF SEWAGE EFFLUENT FOR IRRIGATION WATER FOR MUNICIPAL USE (TUCSON) ...Arizona; Legal Studies; Sewage; Water Purification; Water Utilization -domestic; ...2.1155

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Plant Waste Removal, Treatment; Solid Wastes; Water Costs; Water Resources Development; ...2.1213

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Delaware; Food Processing Industries; Irrigation; Plant Waste Removal, Treatment; Rain; Vegetables; Water Costs; ...2.1214

IMPACT OF CHANGES IN TECHNOLOGY ON WATER USE ...Agricultural Economics; Consumptive Use (water); Government -see Federal Gov.; Water Costs; Water Standards & Baselines; ...2.1219

THERMAL WATER DEMONSTRATION PROJECT ...Benefit-cost Analysis, Heat Recovery, Industrial; Pilot Plants; Technology - Social Impact, Thermal Pollution; Water Utilization -animal; Welfare Economics; ...2.1389

ENVIRONMENTAL QUALITY STUDY PROJECT - UTILIZATION OF WASTE HEAT ...Energy Conversion; Heat Recovery, Industrial; Thermal Pollution; Water Utilization -industrial; ...2.1721

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Economic Efficiency; Legal Review; Management (water); Model Studies; Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

ECONOMIC EVALUATION OF THE EFFECT OF SELECTED CROP PRACTICES ON NON-AGRICULTURAL USES OF

WATER ...Costs -see Economics Entries; Mathematical Models; Optimization, Economic; Sediments; Water Costs; Water Quality - general; ...2.1828

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

IMPACT OF WATER QUALITY CONTROLS ...Michigan; Water Quality Control -general; Water Standards & Baselines; Water Supply -general; ...2.1855

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

SPRAY SYSTEM FOR DAILY REMOVAL OF LIQUID COW MANURE ...Farm Animal Wastes; Microorganisms -nonspecific; Sprinkler Irrigation; Waste Disposal on Soils; ...3.0099

OPERATOR COMFORT, HEALTH AND SAFETY IN MOBILE AGRICULTURAL OPERATIONS ...Automobiles; Equipment Design; ...6.0038

Air - Earth Interface

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Mineralogical Properties; Salt Water; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

Boundary Layer Studies

METEOROLOGY FOR URBAN AIR POLLUTION RESEARCH ...Air Pollution Effects; Atmospheric Dynamics; Diffusion; Particulates - Air Pollution; Urban Research -general; Weather Radar; ...1.0026

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Circulation - Patterns; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Weather Data; Wind; ...1.0028

PLANETARY BOUNDARY LAYER STUDIES ...Balloons; Computer Models; Heat Exchange; Temperature; Urban Research - general; ...1.0143

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Acoustic Instrumentation; Alaska; Ice Fog; Sound Attenuation - Acoustics; Urban Research - general; ...1.0307

ATMOSPHERIC TURBIDITY AND DIFFUSION ...Air Pollution; Diffusion; Heat Exchange; Mathematical Models; Temperature; Wind; ...1.0328

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution; Air Pollution Monitoring; Attenuation; Connecticut; Solar Radiation -sunshine; ...1.0689

FORECAST DEVELOPMENT ...Air Pollution; Humidity - Water Vapor; Temperature; Turbulence; Urban Research -general; Weather Forecasting; Wind; ...1.0762

DIFFUSION IN TURBULENT SURFACE LAYERS ...Atmospheric Dynamics; Model Studies; Turbulence; ...1.0886

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR ESTUARY POLLUTION CONTROL ...Aeration (water); Estuaries; Organic Matter; Tidewater Areas; Water Quality Control - general; ...2.0694

Air - Sea Boundary Studies

INTERACTIONS BETWEEN THE GREAT LAKES AND THE ATMOSPHERE ...Circulation - Patterns; Condensation Physics; Mesometeorology; Model Studies; Snow Modification; ...1.0377

ATMOSPHERIC CHEMISTRY OF BORON ...Aerosols; Air - Water; Air Pollution-chemistry; Colorimetric Methods; Electrochemistry; Spectrographic Techniques; ...1.0697

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Atomic Absorption; Bays; Degradation -see Pesticide Deg; Hawaii; Marine Pollution; Organic Matter; Water Pollutant Identification; ...2.0567

Heat and Radiation Transfer

LIDAR OBSERVATIONS OF LOWER TROPOSPHERIC AEROSOL DISTRIBUTIONS DURING BOMEX ...Aerosols; Atmospheric Dynamics; Condensation Physics; Electronic Detection, Tracking; Inversion; Particulates - Air Pollution; ...1.0011

Particle - Gas Transfer

RADIOCARBON IN THE SEA ...Carbon; Marine Biology - General; Ocean Mixing; Polar Oceanic Areas; Radioactivity; Ships and Cruises; Wind; ...2.0427

GEOSECS - ACQUISITION AND CONSTRUCTION OF SHIPBOARD ANALYTICAL EQUIPMENT AND HYDROGRAPHIC AND SAMPLING SYSTEMS ...Gas Chromatography; Marine Biology - General; Organics; Radioactivity; Sea Water Properties; ...2.0502

GEOSECS - OPERATIONS STAFF ...Data Reduction and Analysis; Man Machine Systems; Ocean Circulation -general; Sampling; Sea Water Properties; Ships and Cruises; ...2.0503

MEASUREMENTS OF BOMB-PRODUCED RADIOCARBON IN THE SURFACE AND SUB-SURFACE WATER OF THE PACIFIC OCEAN ...Indian Ocean -general; Marine Environments; Ocean Mixing; Pacific Ocean; Radioactivity; Sea Water Sampling; Seismology; ...2.0505

GEOSECS RADIOCARBON AND TRITIUM MEASUREMENTS ...Animal Productivity; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Plant Productivity -general; Sea Water Chemistry; Sea Water Sampling; ...2.0548

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Gases; Marine Biology - General; Marine Environments; Mass Spectroscopy; Ocean; Organic Water Properties; Radioactivity; Waste Management -see Specific; ...2.0564

GEOSECS - PREPARATIONS R/V KNORR, CONSTRUCTION GEOSECS BUILDING, PROVISION SHIPBOARD EQUIPMENT, AND THE GEOSECS SUMMER INSTITUTES ...Animal Productivity; Marine Biology - General; Marine Pollution; Ocean Mixing; Plant Productivity -general; Research Facilities; Sea Water Properties; Ships and Cruises; ...2.0621

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Gas Chromatography; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Radioactivity; Sea Water Properties; Water Standards & Baselines; ...2.0699

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Carbon; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Primary Productivity - Plants; Sea Water Chemistry; Sea Water Properties; ...2.0762

GEOCHEMICAL OCEAN SECTION STUDY ...Activation Analysis; Chemical Composition; Gamma Spectroscopy; Marine Geology; Radioactive Isotopes; Radioactivity; Sea Water Chemistry; Trace Analysis; ...2.0844

Wind - Water Interaction

FLUXES OF HEAT, MOMENTUM AND TRACERS IN WIND AND WATER TUNNELS ...Air Pollution -see Specifics; Atmospheric Dynamics; Marine Pollution; Radioactive Fallout; Wind; ...2.0078

EXPERIMENTAL STUDIES OF AIR AND WATER INTERFACIAL INTERACTION ...Channels; Dispersion (water); Turbulence; Water Pollutants - Path of; Waves -see Ocean Waves; Wind; Wind Tunnels; ...2.1519

Air Cleaning Devices

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Atmospheric Dynamics; Coal Research; Energy Conversion; Heating Units; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers; Wind Tunnels; ...1.0031

MISCELLANEOUS ENVIRONMENTAL ENGINEERING TESTS (OA) ...Air Conditioning; Building Design; Temperature Instruments; ...1.0036

MISCELLANEOUS ENVIRONMENTAL ENGINEERING TESTS (P) ...Air Conditioning; Building Construction; Building Design; Fluid Mechanics; Temperature Instruments; ...1.0037

CHICAGO AIR POLLUTION SYSTEMS MODEL ...Diffusion; Gases; Mathematical Models; Trace Analysis; Urban Environment; Weather Data; ...1.0046

GASOLINE COMPOSITION AND VEHICLE EXHAUST GAS POLYNUCLEAR AROMATIC CONTENT ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Engines; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0075

INCINERATION--COMBUSTION OF PLASTICS, FILMS, ETC. ...Furnaces; Incineration; Plastics; ...1.0078

EVALUATIONS OF EMISSIONS AND CONTROL TECHNOLOGIES IN THE GRAPHIC ARTS INDUSTRIES ...Exhaust, Combustion -see Auto; ...1.0132

SYSTEMS EVALUATION OF REFUSE AS A LOW SULFUR FUEL ...Disposal; Incineration; Power Plants; Urban Research - general; ...1.0439

OPTIMIZATION STUDIES IN INDUSTRIAL POLLUTION CONTROL ...Air Pollution-chemistry; Costs -see Economics Entries; Industrial Wastes; Waste Material Recovery; Waste Treatment; ...1.0447

LEGISLATION AND REGULATIONS - AQCR PLANS ...Administration and Management; Cars; Exhaust, Combustion -see Auto; Government -see Federal Gov.; Legal Studies-general; ...1.0527

SULFATION KINETICS IN SO2 ABSORPTION FROM FLUE GAS ...Absorption - Chemistry; Air Pollution-chemistry; Costs - see Economics Entries; Furnaces; Sulfur Dioxide Removal; ...1.0536

ENGINEERING REVIEW CONSULTATION ...Air Pollution; Air Pollution-chemistry; Chemical Analysis -general; Consultants; Advisory Services; Water Quality Control -general; ...1.0543

AIR CLEANING ...Aerosols; Air Pollution Sampling; Air Pollution-chemistry; Electrostatic Precipitators; Filters; Filtration; Particulates - Air Pollution; ...1.0544

AIR TREATMENT FOR ODOR CONTROL IN THE HOSPITAL ...Air Pollution -see Specifics, Building Construction; Hospitals; ...1.0548

CONTROL OF PARTICULATE EMISSIONS FROM GASOLINE ENGINES ...Combustion; Engine; Fluidized Bed Reactor; Particulates - Air Pollution; ...1.0552

CONTROL OF AIR CONTAMINANTS IN THE HOME ...Aerosols; Air Pollution; Fluid Mechanics; General Sanitation Methods; Home Economics; Noise -see Noise; Particulates - Air Pollution; ...1.0559

EVALUATION OF EMISSION CONTROL SYSTEMS FOR EXISTING VEHICLE ...Costs -see Economics Entries; Engine; Engines; Legal Studies; ...1.0570

CONTROL OF CO AND HC EMISSIONS FROM LIGHT AIRCRAFT AND OTHER NON-REGULATED MOBILE SOURCES ...Engines; Power Plants -see Specifics; ...1.0572

DEVELOPMENT OF IMPROVED NOX CONTROL FOR DIESEL ENGINES ...Diesel; Engine; Engines; Power Plants -see Specifics; Spark Ignition; ...1.0573

DIESEL EMISSION CONTROL ...Combustion; Engine; Environmental Aspects; Fuels; Odor; ...1.0574

TESTING OF EMISSION CHARACTERIZATION AND CONTROL PROJECTS ...Air Pollution -see Specifics; Exhaust, Combustion -see Auto; ...1.0576

FUEL INJECTION ...Combustion; Engines; Fuel Induction Devices; Nitrogen and Nitrogen Cpds.; Spark Ignition; ...1.0579

REDUCTION OF EMISSION CONTROL SYSTEM DEGRADATION ...Air Pollution-chemistry; Combustion; Engine; Engines; ...1.0580

CARBURETORS - REDUCTION OF EXHAUST EMISSIONS ...Engine; Engines; Spark Ignition; ...1.0582

CONTROL OF ETHYLENE-INDUCED SEPAL WILT OF ORCHIDS ...Carbon; Filters; Humidity; Orchidaceae; Ornamentals; ...1.0590

FILTRATION OF AEROSOLS BY GRANULAR BEDS ...Additives; Combustion; Energy Conversion; Furnace and Incinerator Design; ...1.0595

FUNDAMENTALS OF AIR CLEANING BY SORPTION PROCESSES ...Adsorption; Air Pollution-chemistry; Heat Transmission; Infrared Spectroscopy; Mechanism Determination; Spectrographic Techniques; ...1.0596

GAS CLEANING PROCESS STUDIES ...Adsorption; Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Kinetics; Nitrogen and Nitrogen Cpds.; Scrubbers; Waste Material Recovery; ...1.0602

EVALUATE CONTROL TECHNOLOGY APPLICABLE TO MOTOR VEHICLES AND STATIONARY SOURCES ...Engine; Engines; ...1.0614

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Energy Conversion; Petroleum Research; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0632

ENGINE EMISSION REDUCTION BY COMBUSTION CONTROL ...Air Pollution-chemistry; Combustion; Engines; Interferometry; ...1.0640

RESEARCH ON THE REMOVAL OF NOXIOUS COMPOUNDS FROM WASTE GASES; STUDY OF POLLUTION FROM MOTOR VEHICLE EXHAUST ...Engine; Engines; Furnace and Incinerator Design; Urban Research -general; ...1.0654

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Combustion; Furnace and Incinerator Design; Packed Bed Reactor; Process Waste Recovery; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0661

SINGLE COMBUSTOR RIG INVESTIGATION OF TURBINE ENGINE EXHAUST EMISSIONS ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Engines; Fuels; Turbines; ...1.0836

CONTROL OF POLLUTION FROM OUTBOARD ENGINES EXHAUST: A RECONNAISSANCE STUDY ...Combustion; Gas Chromatography; Thin Layer Chromatography; Water Purification; ...2.0275

FARM ANIMAL WASTES MANAGEMENT ...Bos; Dust; Farm Animal Wastes; Poultry -nonspecific; Waste Type; ...3.0167

Electrostatic Precipitators

NAPCA/AISI SINTER PLANT EMISSION CONTROL DEVELOPMENT PROGRAM ...Air Pollution -see Specifics; Electrostatic; Industrial Wastes; Particulates - Air Pollution; Scrubbers; ...1.0542

AIR CLEANING ...Aerosols; Air Cleaning Devices; Air Pollution Sampling; Air Pollution-chemistry; Filters; Filtration; Particulates - Air Pollution; ...1.0544

THE DUST LAYER AND PRECIPITATOR EFFICIENCY ...Dust; Electrical Phenomena; Electrostatic; Energy Conversion; Particulates - Air Pollution; ...1.0627

SEPARATION AND COLLECTION OF COTTON GIN DUST ...Gossypium; Plant Waste Removal, Treatment; Solid Waste Management; ...1.0646

Filters

AEROSOL FILTRATION IN SLIP AND TRANSITION FLOW ...Aerosols; Filtration; Particulate Matter - Air Poll.; ...1.0534

AIR CLEANING ...Aerosols; Air Cleaning Devices; Air Pollution Sampling; Air Pollution-chemistry; Electrostatic Precipitators; Filtration; Particulates - Air Pollution; ...1.0544

MISCELLANEOUS AIR CLEANER TESTS ...Building Construction; ...1.0545

COTTON LINT HANDLING AND PACKAGING AND TRASH COLLECTION ...Air Pollution -see Specifics; Gossypium; Plant Waste Removal, Treatment; ...1.0587

CONTROL OF ETHYLENE-INDUCED SEPAL WILT OF ORCHIDS ...Air Cleaning Devices; Carbon; Humidity; Orchidaceae; Ornamentals; ...1.0590

CLOSED LOOP FILTERING SYSTEM FOR USE IN COTTON GINS ...Dust; Fibers; Gossypium; Particulate Matter - Air Poll.; ...1.0592

Scrubbers

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Waste Water -general; Water Standards & Baselines; ...1.0018

EMISSION FROM THE PHOSPHATE FERTILIZER INDUSTRY - ANALYSIS OF SAMPLES ...Air Pollution Sampling; Air Pollution-chemistry; Chemical Industry; Fertilizer Industry; Gases; Particulates - Air Pollution; Product Development Research; ...1.0110

BASIC STUDY OF AIR POLLUTION WET-SCRUBBERS ...Absorption - Chemistry; Chemical Mechanisms & Kinetics; Energy Conversion; Foam; Particulate Matter - Air Poll.; Washing; ...1.0538

NAPCA/AISI SINTER PLANT EMISSION CONTROL DEVELOPMENT PROGRAM ...Air Pollution -see Specifics; Electrostatic; Electrostatic Precipitators; Industrial Wastes; Particulates - Air Pollution; ...1.0542

FUNDAMENTAL STUDIES ON THE PROCESS FOR REMOVING NOX FROM FLUE GASES ...Chemical Effects; Chemical Mechanisms & Kinetics; Combustion; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0555

STUDY OF MECHANISM FOR INCREASING THE SOLUBILITY/HYDRATION OF LIME/LIMESTONE IN THE WET SCRUBBING SYSTEM FOR SOX CONTROL ...Mechanism Determination; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0556

PROTOTYPE STUDY OF LIMESTONE SCRUBBERS FOR SO2 DUST REMOVAL SYSTEMS - PHASE IIA EXTENSION ...Sulfur Dioxide Removal; ...1.0562

SCRUBBING OF REFUSE INCINERATOR EMISSION GASES ...Exhaust, Combustion -see Auto; Furnace and Incinerator Design; Furnaces; Incineration; Particulate Matter - Air Poll.; ...1.0584

PILOT PLAN STUDY OF LIMESTONE-WET SCRUBBING IN A TURBULENT CONTACT ABSORBER ...Absorption - Chemistry; Coal Research; Combustion; Oxidation; Pilot Plants; Sulfur Dioxide Removal; ...1.0594

ALKALINE ADDITIVES FOR SULFUR DIOXIDE CONTROL ...Adsorption; Rate of Reaction; Sulfur Dioxide Removal; ...1.0600

GAS CLEANING PROCESS STUDIES ...Adsorption; Air Cleaning Devices; Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Kinetics; Nitrogen and Nitrogen Cpds., Waste Material Recovery; ...1.0602

DESIGN OF WET SCRUBBING TEST FACILITIES ...Air Pollution Monitoring; Noise -see Noise; Particulate Matter - Air Poll.; Particulates - Air Pollution; ...1.0603

PARTICULATE CONTROL STUDIES ...Adsorption; Air Pollution Monitoring; Literature Search; Particulates - Air Pollution; Sulfur Dioxide Removal; ...1.0604

SO2 WET SCRUBBING REACTION RESEARCH ...Adsorption; Kinetics; Mass Transfer; Sulfur Dioxide Removal; ...1.0606

ODOR CONTROL RESEARCH - COMPLETE KINETICS STUDY AND INITIATE SCRUBBER DEVELOPMENT ...Costs -see Economics Entries; Industrial Wastes; Mass Transfer; Odor; Pilot Plants; Rate of Reaction; ...1.0608

APPLIED SCRUBBER RESEARCH FOR CONTROL OF SOX AND NOX ...Adsorption; Mass Transfer; Nitrogen and Nitrogen Cpds.; Pilot Plants; Rate of Reaction; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0609

SORPTION OF GASEOUS POLLUTANTS BY CYCLED OPERATION ...Absorption - Chemistry; Adsorption; Air Pollution-chemistry; Combustion; Energy Conversion; Solvent; Sulfur Dioxide Removal; ...1.0637

PILOT PLANT STUDY OF AMMONIA SCRUBBING OF POWER PLANT STACK GASES ...Chemical Mechanisms & Kinetics; Combustion; Furnace and Incinerator Design; Pilot Plants; Power Plants -see Specifics; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0647

CONSTRUCTION AND OPERATION OF LIMESTONE-WET SCRUBBING TEST FACILITY ...Air Pollution-chemistry; ...1.0648

DESIGN STUDY FOR AIR FORCE ROCKET PROPULSION LAB EXHAUST GAS CLEANING SYSTEM ...Propellants; ...1.0649

SAMPLING AND ANALYTICAL METHODS DEVELOPMENT FOR PROTOTYPE LIMESTONE - WET SCRUBBING TESTS ...Air Pollution-chemistry; Chemical Analysis -general; Pilot Plants; ...1.0650

WET SCRUBBER STUDY - VENTURI SCRUBBERS AND TURBULENT BED CONTACTOR ...Gases; Mathematical Models; Particulates - Air Pollution; Sulfur Dioxide Removal; ...1.0663

FIRESIDE METAL WASTAGE IN MUNICIPAL INCINERATORS ...Furnaces and Incinerators; Heat Transmission; Incineration; ...3.0264

Air Conditioning

MISCELLANEOUS ENVIRONMENTAL ENGINEERING TESTS (OA) ...Air Cleaning Devices; Building Design; Temperature Instruments; ...1.0036

MISCELLANEOUS ENVIRONMENTAL ENGINEERING TESTS (P) ...Air Cleaning Devices; Building Construction; Building Design; Fluid Mechanics; Temperature Instruments; ...1.0037

FEDERAL CONSTRUCTION COUNCIL ...Building Construction; Building Design; Building Fire Considerations; Heating Units; ...1.0487

Air Masses

ATMOSPHERIC OZONE AND WEATHER FLECK ON FLORIDA CIGAR-WRAPPER TOBACCO ...Climates -general; Gases; Nicotiana; Soil Moisture; ...1.0342

MIXING DEPTH ...Air Pollution Sampling; Aircraft; Atmospheric Dynamics; Synoptic Weather Observations; ...1.0695

Air Motion

THE ROLE OF THE GENERAL CIRCULATION OF THE ATMOSPHERE IN RADIOACTIVE DEBRIS TRANSPORT ...Bibliography; Fallout -see Radioactive; Mass Transport; Radioactivity; Tropopause; Upper Atmospheric Circulation; ...1.0032

INADVERTENT WEATHER MODIFICATION BY URBAN POLLUTION ...Aerosols; Air Pollution Effects; Cloud Structure; Mathematical Models; Precipitation Modification; ...1.0438

Advection

NUMERICAL MODEL OF THE URBAN ATMOSPHERE ...California; Humidity - Water Vapor; Mesometeorology; Rural Areas; Urban Environment; ...1.0007

THE USE OF LEAD-210 TO TRACE TRANSPORT PROCESSES IN THE FREE ATMOSPHERE ...Air Pollution Sampling; Lead; Mass Transport; Radioactive Fallout; Stratosphere; Tracers; ...1.0089

Circulation - Patterns

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Fission Products-see Radioact.; Iodine; Nuclear Detonations; Radioactive Fallout; Radiotracers -see Tracers; Snow; Troposphere; ...1.0002

DYNAMICAL MECHANISMS PRODUCING LARGE-SCALE ATMOSPHERIC TRANSPORT OF TRACE SUBSTANCES ...Atmospheric Dynamics; Diffusion; Mass Transport; Stratosphere; Upper Atmospheric Sounding; ...1.0014

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution; Forecasting - Prediction; Mesometeorology; Prediction; Statistics; Urban Environment; Weather Modification; ...1.0022

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Weather Data; Wind; ...1.0028

MODELLING POLLUTANT CONCENTRATIONS ...Air Pollution; Atmospheric Dynamics; Mathematical Models; Model Studies; Weather Forecasting; Wind; ...1.0136

INTERACTIONS BETWEEN THE GREAT LAKES AND THE ATMOSPHERE ...Air - Sea Boundary Studies; Condensation Physics; Mesometeorology; Model Studies; Snow Modification; ...1.0377

A NUMERICAL MODEL OF THE SEA-BREEZE CIRCULATION ...Atmospheric Dynamics; Forecasting - Prediction; Mathematical Models; Temperature; Urban Research -general; Wind; ...1.0696

TRANSPORT, DEPOSITION, AND METEOROLOGICAL STUDIES OF NUCLEAR DEBRIS IN THE ATMOSPHERE ...Air Pollution Sampling; Atmospheric Dynamics; Atmospheric Structure; Fission Products-see Radioact.; Radioactivity; Stratosphere; Troposphere; ...1.0713

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Ocean Circulation -general; Radioactive Fallout; Radioactivity; ...2.0187

Convection

PLANETARY BOUNDARY LAYER STUDIES ...Balloons; Computer Models; Heat Exchange; Temperature; Urban Research -general; ...1.0143

AIR POLLUTION IN TOPOGRAPHICAL DEPRESSIONS ...Atmospheric Dynamics; Inversion; Model Studies; ...1.0155

ATMOSPHERIC TURBIDITY AND DIFFUSION ...Air Pollution; Boundary Layer Studies; Diffusion; Heat Exchange; Mathematical Models; Temperature; Wind; ...1.0328

Diffusion

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring; Atmospheric Dynamics; Model Studies; Nevada; Precipitation Forecasting; Radioactive Fallout; Seismology; Weather Forecasting; ...1.0021

METEOROLOGY FOR URBAN AIR POLLUTION RESEARCH ...Air Pollution Effects; Atmospheric Dynamics; Particulates - Air Pollution; Urban Research -general; Weather Radar; ...1.0026

CHICAGO AIR POLLUTION SYSTEMS MODEL ...Air Cleaning Devices; Gases; Mathematical Models; Trace Analysis; Urban Environment; Weather Data; ...1.0046

PARTICLE DYNAMICS ...Atmospheric Dynamics; Engines; Missiles; Photography; Simulation Theory; ...1.0068

FORMATION OF THE STRATOSPHERIC AEROSOL ...Aerosols; Atmosphere Composition; Model Studies; Particulates - Air Pollution; Stratosphere; ...1.0086

SULFUR DIOXIDE DECAY ...Air Pollution-chemistry; Atmospheric Dynamics; Combustion; Power Plants; ...1.0092

AREA SOURCE DIFFUSION MODELLING ...Air Pollution; Model Studies; Urban Research -general; ...1.0142

PLUME RISE AND FUMIGATION MODELLING IN A TANK ...Air Pollution; Physical Models; Tanks; ...1.0146

ATMOSPHERIC DIFFUSION AND TURBULENCE ...Atmospheric Structure; Dust; Mass Transport; Stratosphere; Turbulence; ...1.0154

ATMOSPHERIC DIFFUSION, DEPOSITION, AND TRANSPORT PHENOMENA ...Atmospheric Dynamics; Energy Conversion; Particulates - Air Pollution; Radioactivity; Turbulence; ...1.0159

ATMOSPHERIC TURBIDITY AND DIFFUSION ...Air Pollution; Boundary Layer Studies; Heat Exchange; Mathematical Models; Temperature; Wind; ...1.0328

DYNAMIC PROCESSES ...Aerosols; Chemical Composition, Geophysical Analysis; Meetings; Monitoring; Turbulence; ...1.0479

NATO/CCMS ...Atmospheric Dynamics; Turkey; Urban Research -general; ...1.0499

CLIMATOLOGY ...Applied Climatology; Atmospheric Dynamics; Management; Planning; Power Plants; ...1.0510

CARBON MONOXIDE DIFFUSION MODEL ...Air Pollution Monitoring; Atmospheric Dynamics; California; Cars; Model Studies; Urban Research -general; ...1.0675

PERFORM INTERNATIONAL STUDIES IN SELECTED NATO COUNTRIES TO ASSESS ATMOSPHERIC POLLUTANT CONCENTRATIONS AND EMISSIONS ...Air Pollution Monitoring; Atmospheric Dynamics; Gases; Turkey; Weather Forecasting; ...1.0786

ATMOSPHERIC DIFFUSION OF RADON ...Air Pollution Monitoring; Atmospheric Dynamics; Soil Conditions; Tracers; Urban Research -general; Wind; ...1.0910

LASER ANEMOMETER STUDY OF TURBULENT DIFFUSION AND TURBULENT SHEAR FLOWS ...Air Motion Meters; Lasers and Masers; Particulates - Air Pollution; Turbulence; Wind; Wind Tunnels; ...1.0917

RAIN SCAVENGING STUDIES ...Air Pollution; Atmosphere Disturbance; Cloud Physics; Lead; Tracers; ...2.0194

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

METEOROLOGY FOR NUCLEAR TESTING ...Aleutian Islands; Computer Models; Forecasting - Prediction; Mississippi; Nevada; Radioactive Fallout; Solar Radiation -sunshine; Weather Forecasting; ...5.0003

Forecasting

ATMOSPHERIC DIFFUSION OF TOXIC PROPELLANT BY-PRODUCTS ...Air Pollution; Atmospheric Dynamics; Gases; Model Studies; Particulates - Air Pollution; ...1.0001

Inversion

LIDAR OBSERVATIONS OF LOWER TROPOSPHERIC AEROSOL DISTRIBUTIONS DURING BOMEX ...Aerosols; Atmospheric Dynamics; Condensation Physics; Electronic Detection, Tracking; Heat and Radiation Transfer; Particulates - Air Pollution; ...1.0011

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Weather Data; Wind; ...1.0028

AIR POLLUTION IN TOPOGRAPHICAL DEPRESSIONS ...Atmospheric Dynamics; Convection; Model Studies; ...1.0155

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Acoustic Instrumentation; Alaska; Boundary Layer Studies; Ice Fog; Sound Attenuation Acoustics; Urban Research -general; ...1.0307

Turbulence

NUMERICAL MODEL OF THE URBAN ATMOSPHERE ...Advection; California; Humidity - Water Vapor; Mesometeorology; Rural Areas; Urban Environment; ...1.0007

TRANSVERSE JET PLUMES ...Air Motion Meters; Energy Conversion; Sampling; Tracers; Wind Tunnels; ...1.0087

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Air Pollution Sampling; Atmospheric Dynamics; Energy Conversion; Gases; Mathematical Analysis; Particulates - Air Pollution; Smoke; ...1.0091

PLANETARY BOUNDARY LAYER STUDIES ...Balloons; Computer Models; Heat Exchange; Temperature; Urban Research - general; ...1.0143

ATMOSPHERIC DIFFUSION AND TURBULENCE ...Atmospheric Structure; Diffusion; Dust; Mass Transport; Stratosphere; ...1.0154

ATMOSPHERIC DIFFUSION, DEPOSITION, AND TRANSPORT PHENOMENA ...Atmospheric Dynamics; Energy Conversion; Particulates - Air Pollution; Radioactivity; ...1.0159

ATMOSPHERIC TURBIDITY AND DIFFUSION ...Air Pollution; Boundary Layer Studies; Diffusion; Heat Exchange; Mathematical Models; Temperature; Wind; ...1.0328

DYNAMIC PROCESSES ...Aerosols; Chemical Composition; Geophysical Analysis; Meetings; Monitoring; ...1.0479

FIELD MEASUREMENTS OF ATMOSPHERIC TURBULENCE ...Atmospheric Dynamics; Bomex; Lake Michigan; Mathematical Models; Weather Forecasting; ...1.0699

FORECAST DEVELOPMENT ...Air Pollution; Boundary Layer Studies; Humidity - Water Vapor; Temperature; Urban Research - general; Weather Forecasting; Wind; ...1.0762

DIFFUSION IN TURBULENT SURFACE LAYERS ...Atmospheric Dynamics; Boundary Layer Studies; Model Studies; ...1.0886

ATMOSPHERIC DIFFUSION OF RADON ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Soil Conditions; Tracers; Urban Research -general; Wind; ...1.0910

LASER ANEMOMETER STUDY OF TURBULENT DIFFUSION AND TURBULENT SHEAR FLOWS ...Air Motion Meters; Diffusion; Lasers and Masers; Particulates - Air Pollution; Wind; Wind Tunnels; ...1.0917

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; ...2.0415

DIFFUSION AND TRANSPORT OF CONTAMINANTS IN TURBULENT SHEAR FLOW ...Air Pollution; Atmospheric Dynamics; Heat Transmission; Pressure Effects; Wind; Wind Tunnels; ...2.1035

EXPERIMENTAL STUDIES OF AIR AND WATER INTERFACIAL INTERACTION ...Channels; Dispersion (water); Water Pollutants - Path of; Waves -see Ocean Waves; Wind; Wind - Water Interaction; Wind Tunnels; ...2.1519

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

THEORETICAL ACOUSTICS ...Acoustics; Atlantic Ocean; Noise; Ocean Meteorological Studies; Sound Attenuation Acoustics; ...6.0005

WIND SENSING ...Air Motion Instruments; Electronic Detection, Tracking; Noise -see Noise; Signal Analysis; Weather Radar; ...6.0054

Wind

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution; Circulation - Patterns; Forecasting - Prediction; Mesometeorology; Prediction; Statistics; Urban Environment; Weather Modification; ...1.0022

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Weather Data; ...1.0028

AIR-SPORA IN HAWAII ...Air Pollution -see Specifics; Atmospheric Dynamics; Fungi -nonspecific; Humidity - Water Vapor; Organic Compounds; Plant Pathogenetic Fungi; Pollens -see Air Pollution; Tropical Regions; ...1.0045

ELECTRIFICATION OF DUST STORMS ...Atmosphere Disturbance; Charge on Droplets; Energy Conversion; Particulates - Air Pollution; Temperature; ...1.0081

MODELLING POLLUTANT CONCENTRATIONS ...Air Pollution; Atmospheric Dynamics; Mathematical Models; Model Studies; Weather Forecasting; ...1.0136

PLANETARY BOUNDARY LAYER STUDIES ...Balloons; Computer Models; Heat Exchange; Temperature; Urban Research - general; ...1.0143

NUMERICAL STUDIES OF TURBULENT FLOW ...Atmospheric Dynamics; Energy Conversion; Meteorologic Instruments -gen.; Model Studies; Particulates - Air Pollution; Radioactive Isotopes; Radioactivity; ...1.0144

FALLOUT PHENOMENOLOGY ...Atmospheric Dynamics; Fallout -see Radioactive; Heat Balance - Budget; Mesometeorology; Nuclear Detonations; Radioactive Fallout; Tracers; ...1.0158

ATMOSPHERIC TURBIDITY AND DIFFUSION ...Air Pollution; Boundary Layer Studies; Diffusion; Heat Exchange; Mathematical Models; Temperature; ...1.0328

RELATIONSHIPS BETWEEN CERTAIN AIR POLLUTANTS AND VARIOUS METEOROLOGICAL FACTORS ...Air Pollution; Air Pollution -see Specifics; Climates -general; Mathematical Models; Models of Biological Systems; New Jersey; Weather Forecasting; ...1.0371

AIR POLLUTION POTENTIAL CLIMATOLOGY ...Applied Climatology; Atmospheric Dynamics; Meteorologic Instruments - gen.; Planning; Weather Data; ...1.0511

A NUMERICAL MODEL OF THE SEA-BREEZE CIRCULATION ...Atmospheric Dynamics; Circulation - Patterns; Forecasting - Prediction; Mathematical Models; Temperature; Urban Research - general; ...1.0696

FORECAST DEVELOPMENT ...Air Pollution; Boundary Layer Studies; Humidity - Water Vapor; Temperature; Turbulence; Urban Research -general; Weather Forecasting; ...1.0762

ATMOSPHERIC DIFFUSION OF RADON ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Soil Conditions; Tracers; Urban Research -general; ...1.0910

LASER ANEMOMETER STUDY OF TURBULENT DIFFUSION AND TURBULENT SHEAR FLOWS ...Air Motion Meters; Diffusion; Lasers and Masers; Particulates - Air Pollution; Turbulence; Wind Tunnels; ...1.0917

FLUXES OF HEAT, MOMENTUM AND TRACERS IN WIND AND WATER TUNNELS ...Air Pollution -see Specifics; Atmospheric Dynamics; Marine Pollution; Radioactive Fallout; ...2.0078

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE ...Aircraft Remote Sensing; Chesapeake Bay; Estuaries; Fluorometry; Monolayers; Petroleum Wastes - Spillage; Water Pollutants - Path of; ...2.0411

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

IN-CLOUD SCAVENGING ...Adsorption Capacity; Atmospheric Dynamics; Cloud Motions - Movement; Model Studies; Radioactive Fallout; Tracers; ...2.0417

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Copepoda; Eutrophication; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Puget Sound; Tides; ...2.0423

RADIOCARBON IN THE SEA ...Carbon; Marine Biology - General; Ocean Mixing; Polar Oceanic Areas; Radioactivity; Ships and Cruises; ...2.0427

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Estuaries; Geology -general; River Basins; Soil Tillage; Water Depth, Water Levels; Water Table; ...2.0558

WIND EFFECTS ON THE DISPERSION OF PARTICULATE POLLUTANTS IN TURBULENT OPEN-CHANNEL FLOW ...Dispersion (water); Mathematical Models; Water Pollutants - Path of; ...2.0982

DIFFUSION AND TRANSPORT OF CONTAMINANTS IN TURBULENT SHEAR FLOW ...Air Pollution; Atmospheric Dynamics; Heat Transmission; Pressure Effects; Turbulence; Wind Tunnels; ...2.1035

COASTAL DIFFUSION OF POLLUTANTS ...Industrial Wastes; Ocean; Ocean Currents; Oregon; Physical Models; Pulp and Paper Wastes; ...2.1084

RESEARCH AND BASIC DATA ON THERMAL POLLUTION ...Climatology; Energy Conversion; Fluid Mechanics; Heat Balance - Budget; Temperature; Weather Data; ...2.1506

EXPERIMENTAL STUDIES OF AIR AND WATER INTERFACIAL INTERACTION ...Channels; Dispersion (water); Turbulence; Water Pollutants - Path of; Waves -see Ocean Waves; Wind - Water Interaction; Wind Tunnels; ...2.1519

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; ...4.0012

THEORETICAL ACOUSTICS ...Acoustics; Atlantic Ocean; Noise; Ocean Meteorological Studies; Sound Attenuation Acoustics; Turbulence; ...6.0005

Air Motion Instruments

WIND SENSING ...Electronic Detection, Tracking; Noise -see Noise; Signal Analysis; Turbulence; Weather Radar; ...6.0054

Air Motion Meters

TRANSVERSE JET PLUMES ...Energy Conversion; Sampling; Tracers; Wind Tunnels; ...1.0087

LASER ANEMOMETER STUDY OF TURBULENT DIFFUSION AND TURBULENT SHEAR FLOWS ...Diffusion; Lasers and Masers; Particulates - Air Pollution; Turbulence; Wind; Wind Tunnels; ...1.0917

Tracers

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Nuclear Detonations; Radioactive Fallout; Radiotracers -see Tracers; Snow; Troposphere; ...1.0002

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Contamination - Water; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Seismology; Strontium; ...1.0025

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics, Coal Research; Energy Conversion; Heating Units; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Wind Tunnels; ...1.0031

CONTINENTAL AEROSOLS IN THE MARINE ATMOSPHERE ...Aerosols; Atmospheric Dynamics; British West Indies; Cape Verde Islands; Energy Conversion; Particulates - Air Pollution; ...1.0041

CONTUNUOUS MEASUREMENTS OF AIRBORNE AND PRECIPITATION RADIOACTIVITY AND METEOROLOGICAL APPLICATION ...Atmospheric Dynamics; Fallout -see Radioactive; Nuclear Detonations; Radioactive Fallout; Scintillation Counting; Spectrographic Techniques; Troposphere; ...1.0044

CHICAGO AIR POLLUTION SYSTEMS MODEL ...Air Cleaning Devices; Diffusion; Gases; Mathematical Models; Trace Analysis; Urban Environment; Weather Data; ...1.0046

TRANSVERSE JET PLUMES ...Air Motion Meters; Energy Conversion; Sampling; Wind Tunnels; ...1.0087

THE USE OF LEAD-210 TO TRACE TRANSPORT PROCESSES IN THE FREE ATMOSPHERE ...Advection; Air Pollution Sampling; Lead; Mass Transport; Radioactive Fallout; Stratosphere; ...1.0089

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution, Air Pollution Sampling; Atmospheric Dynamics; Energy Conversion; Gases; Mathematical Analysis; Particulates - Air Pollution; Smoke; Turbulence; ...1.0091

FALLOUT PHENOMENOLOGY ...Atmospheric Dynamics; Fallout -see Radioactive; Heat Balance - Budget; Mesometeorology; Nuclear Detonations; Radioactive Fallout; Wind; ...1.0158

ATMOSPHERIC DIFFUSION, DEPOSITION, AND TRANSPORT PHENOMENA ...Atmospheric Dynamics; Energy Conversion; Particulates - Air Pollution; Radioactivity; Turbulence; ...1.0159

TRANSPORT, DEPOSITION, AND METEOROLOGICAL STUDIES OF NUCLEAR DEBRIS IN THE ATMOSPHERE ...Air Pollution Sampling; Atmospheric Dynamics; Atmospheric Structure; Circulation - Patterns; Fission Products-see Radioact.; Radioactivity; Stratosphere; Troposphere; ...1.0713

SAMPLING OF SO2 CONCENTRATIONS AND RELATED METEOROLOGY ...Air Pollution Sampling; Aircraft; Atmospheric Dynamics; Data Acquisition; Power Plants; ...1.0787

METEOROLOGICAL TRACER TECHNIQUES - SERVICE AND METHOD IMPROVEMENT ...Atmospheric Dynamics; Gas Chromatography; Gases; ...1.0849

ATMOSPHERIC DIFFUSION OF RADON ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Soil Conditions; Urban Research -general; Wind; ...1.0910

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Precipitation Gages; Radiotracers -see Tracers; ...2.0133

RAIN SCAVENGING STUDIES ...Air Pollution; Atmosphere Disturbance; Cloud Physics; Diffusion; Lead; ...2.0194

IN-CLOUD SCAVENGING ...Adsorption Capacity; Atmospheric Dynamics; Cloud Motions - Movement; Model Studies; Radioactive Fallout; Wind; ...2.0417

Wind Tunnels

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Coal Research; Energy Conversion; Heating Units; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers; ...1.0031

PRODUCTION AND DISPERSAL OF PATHOGENIC BACTERIAL AND VIRAL AEROSOLS BY AERATION OF CONTAMINATED WATERS ...Aeration (water); Aerosols; Bacteriophage; Farm Animal Wastes; Statistics; Waste Water Treatment -general; Water Pollution -see Specifics; ...1.0042

TRANSVERSE JET PLUMES ...Air Motion Meters; Energy Conversion; Sampling; Tracers; ...1.0087

WIND TUNNEL INVESTIGATION OF MICROPHYSICAL PROCESSES IN SUPERCOOLED CLOUDS ...Atmospheric Dynamics; California; Cloud Physics; Condensation Physics; Nucleation Physics; ...1.0315

LASER ANEMOMETER STUDY OF TURBULENT DIFFUSION AND TURBULENT SHEAR FLOWS ...Air Motion Meters; Diffusion; Lasers and Masers; Particulates - Air Pollution; Turbulence; Wind; ...1.0917

DIFFUSION AND TRANSPORT OF CONTAMINANTS IN TURBULENT SHEAR FLOW ...Air Pollution; Atmospheric Dynamics; Heat Transmission; Pressure Effects; Turbulence; Wind; ...2.1035

TURBULENCE IN A STRATIFIED FLOW ...Fluid Mechanics; Oceanography -general; Water Quality -general; ...2.1044

EXPERIMENTAL STUDIES OF AIR AND WATER INTERFACIAL INTERACTION ...Channels; Dispersion (water); Turbulence; Water Pollutants - Path of; Waves -see Ocean Waves; Wind; Wind - Water Interaction; ...2.1519

Air Occupation - Avocation

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Aircraft; Altitude; Cosmic Rays; Radiation Injury Prevention; ...5.0862

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Aviation Medicine; Protons; Radioactivity; Spectrographic Techniques; ...5.0863

Pilots

BLOOD CHOLINESTERASE IN AERIAL APPLICATOR CREWS ...Accident; Occupational Hazards; Organophosphorous Cpds.; Pesticide Toxicity in Humans; Toxicology; ...4.0812

TOLERANCE TO CHOLINESTERASE INHIBITORS - EFFECTS OF ANTIDOTES ON TOLERANCE AND RECOVERY ...Disulfoton; Muridae; Organophosphorous Cpds.; Pesticide Safety Measures; Physiological Resistance; Toxicology; ...4.0817

EFFECTS OF IRRADIATION UPON AIRCREW EQUILIBRIUM ...Aviation Medicine; Environmental Effects - Human; Nuclear Warfare; Radiologic Health; ...5.0698

BIOLOGICAL EFFECTS OF RADIATION EXPOSURES FROM LONG DURATION FLIGHTS AND REPEATED MISSIONS IN LOW DOSE LEVEL ENVIRONMENTS ...Altitude; Beta Particles; Military Personnel; Nuclear Warfare, Radiation, Low Level; X and Gamma Rays; ...5.0704

AIR CREW PERSONNEL NOISE EXPOSURE ...Aerospace Studies; Aircraft; Aviation Medicine; Fatigue; Noise; Noise Abatement; Sensory & Perceptual Processes; ...6.0014

ACOUSTIC INTERFERENCE WITH COCKPIT COMMUNICATIONS ...Aerospace Studies; Noise; Pulse Modulation; Sensory & Perceptual Processes; Signal Analysis; ...6.0015

PERSONNEL TECHNOLOGY - NAS/NRC ADVISORY SERVICES ON OPERATIONAL PROBLEMS OF VISION AND HEARING ...Acoustics; Aviation Medicine; Consultants, Advisory Services; Military Personnel; Vibrations, -bioeffects; ...6.0077

OPTIMIZATION OF SPEECH COMMUNICATIONS IN NAVAL AVIATION ...Aviation Medicine; Military Personnel; Noise; Stressors, Physiological; ...6.0079

MOTOR PERFORMANCE UNDER SUDDEN STRESS - PHASE II ...Altitude & Acceleration; Auditory Stress; Performance - Behavioral Study; Personality; Psychology; ...6.0105

EFFECTS OF NOISE ON AIR FORCE PERSONNEL IN OPERATIONAL ENVIRONMENTS ...Communication; Hearing Loss and Deafness; Military Personnel; Noise; Sensory & Perceptual Processes; Space Medicine - Exobiology; ...6.0114

Air Pollution

ATMOSPHERIC DIFFUSION OF TOXIC PROPELLANT BY-PRODUCTS ...Atmospheric Dynamics; Forecasting; Gases; Model Studies; Particulates - Air Pollution; ...1.0001

DIFFUSION AND DISPOSAL OF AIR POLLUTION ...Atmospheric Dynamics; California; Mathematical Models; Urban Research -general; ...1.0010

METEOROLOGICAL STATISTICAL STUDIES ...Circulation - Patterns; Forecasting - Prediction; Mesometeorology; Prediction; Statistics; Urban Environment; Weather Modification; ...1.0022

ENERGY, AIR QUALITY, AND THE SYSTEMS APPROACH ...Benefit-cost Analysis; Generators; Mathematical Models; Particulates - Air Pollution; ...1.0034

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution -see Specifics; Combustion Air Pollution-gen; Gases; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics; ...1.0061

PARTICULATE EMISSIONS FROM TWO-CYCLE GASOLINE ENGINES ...Combustion; Engines; Fuels; Particulate Matter - Air Poll.; Particulates - Air Pollution; Spark Ignition; ...1.0064

TRAVELS OF AIRBORNE POLLEN ...Air Pollution -see Specifics; Atmospheric Dynamics; Engineering Sources-other; Mathematical Models; Pollen -see Pollen; Range Or Territorial Distr.; Urban Environment; ...1.0079

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution Sampling; Atmospheric Dynamics; Energy Conversion; Gases; Mathematical Analysis; Particulates - Air Pollution; Smoke; Turbulence; ...1.0091

ASSIST OCS IN THE DEVELOPMENT OF COMPUTERIZED SYSTEM FOR PROJECTING MOTOR VEHICLE EMISSIONS AND SUPPLY ADJUNCT ANALYSES ...Characteristics; Engine; Nitrogen and Nitrogen Cpds.; Traffic Engineering; Trucks; ...1.0093

ODOR ISOPLETHS AND TRANSPORT MODELS ...Forecasting - Prediction; Model Studies; Noise -see Noise; ...1.0094

EVALUATE FEASIBILITY AND NATURE OF A POSSIBLE PARTICULATE STANDARD FOR MOTOR VEHICLES ...Cars; Fuels; Lead; Particulates - Air Pollution; Visibility; ...1.0108

DEVELOP ATMOSPHERIC MODELS ...Air Pollution -see Specifics; Atmospheric Dynamics; Model Studies; ...1.0109

AIR POLLUTION POTENTIAL FROM AN URBAN FREEWAY ...Air Pollution Monitoring; Freeways; Model Studies; Urban Research -general; ...1.0128

ANALYSIS OF CHEMICAL COMPOUNDS IN AN URBAN AEROSOL ...Aerosols; Air Pollution-chemistry; Chromatography; Coulometry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0135

MODELLING POLLUTANT CONCENTRATIONS ...Atmospheric Dynamics; Mathematical Models; Model Studies; Weather Forecasting; Wind; ...1.0136

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII ...Activation Analysis; Air Pollution Sampling; Antarctica; Atomic Absorption; Lead; Pacific Ocean; Trace Analysis; ...1.0138

AREA SOURCE DIFFUSION MODELLING ...Diffusion; Model Studies; Urban Research -general; ...1.0142

PLUME RISE AND FUMIGATION MODELLING IN A TANK ...Diffusion; Physical Models; Tanks; ...1.0146

ATMOSPHERIC POLLUTION BY GASOLINE ENGINES ...British Isles; California; Engine; Engines; Gases; Legal Studies; ...1.0151

ATMOSPHERIC FLUIDS PROVENANCE USING STABLE ISOTOPES ...Air Pollution-chemistry; Chemical Composition; Isotope Tracer -see Tracers; Nitrogen and Nitrogen Cpds.; ...1.0153

INFRARED SPECTROSCOPIC ANALYSIS OF TRACE POLLUTANTS ...Air Pollution-chemistry; Combustion; Fluidized Bed Reactor; Infrared Spectroscopy; Power Plants; Trace Analysis; ...1.0165

AIR POLLUTION AND EMERGENCY ROOM VISITS ...Air Pollution -see Specifics; Community Health Services; New York; ...1.0227

CONTINUE STUDIES TO DETERMINE THE THRESHOLD AT WHICH LEAD AND MERCURY PRODUCE HEMATOLOGIC IMPAIRMENT ...Air Pollution -see Specifics; Air Pollution Effects; Lead; Mercury; Yugoslavia; ...1.0242

IMMINENT AND SUBSTANTIAL ENDANGERMENT TO HEALTH ...Air Pollution -see Specifics; Air Pollution Effects; Environmental Hazards; Fluorine; Lead; Nitrogen and Nitrogen Cpds.; ...1.0263

CARCINOGENIC AND MUTAGENIC STUDIES ON ATMOSPHERIC POLLUTANTS ...Air Pollution -see Specifics; Chemical Carcinogenesis; Chemical Mutagenesis; Environmental Carcinogenesis; Epidemiology; Muridae; Respiratory Irritants, Inhaled; ...1.0264

COLLECTION OF DATA RELATED TO THE CARCINOGENIC POTENTIAL OF HYDROCARBONS & ASSOCIATED POLLUTANTS COLLECTED DIRECTLY FROM THE AIR (ABBREV) ...Air Pollution -see Specifics; Air Pollution-chemistry; Chemical Carcinogenesis; Mammals -nonspecific; Respiratory Irritants, Inhaled; ...1.0265

A STUDY OF ACUTE RESPIRATORY ILLNESS IN RELATION TO NITROGEN OXIDES AIR POLLUTION LEVELS IN CHATTANOOGA, TENNESSEE ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Nitrogen and Nitrogen Cpds.; Respiratory Disease; Respiratory Irritants, Inhaled; Tennessee; ...1.0274

EXPLORING STATISTICAL RELATIONSHIPS BETWEEN AIR POLLUTANTS AND CERTAIN CHRONIC DISEASE MORTALITY RATES ...Air Pollution -see Specifics; Statistics; ...1.0289

ULTRAVIOLET RADIATION IN A POLLUTED ATMOSPHERE ...Energy-radiation; Model Studies; Polarization; Transfer Phenomena; Ultraviolet Radiation; ...1.0310

EFFECTS OF DUSTS ON VEGETATION ...Air Pollution Effects; Cell Injury and Autolysis; Industrial Pollution -general; Particulates - Air Pollution; Urban Environment; ...1.0320

ATMOSPHERIC TURBIDITY AND DIFFUSION ...Boundary Layer Studies; Diffusion; Heat Exchange; Mathematical Models; Temperature; Wind; ...1.0328

GEOCHEMICAL SURVEY OF THE VEGETATION OF MISSOURI ...Air Pollution -see Specifics; Bioindicators; Missouri; Roads & Highways -see Highways; Soil Chemical Properties; Soil Minerals -natural; ...1.0331

THE EFFECTS OF ATMOSPHERIC CONTAMINANTS ON THE DURABILITY OF BUILDING MATERIALS ...Coatings -see Materials; Corrosion, Deterioration; Coulometry; Inspection and Control; Plastics; ...1.0339

EFFECT OF ATMOSPHERIC POLLUTION ON PRECIPITATION ...Atmospheric Dynamics; Hail & Sleet Modification; Precipitation Amount; Rain Modification; Thunderstorms; Urban Research -general; ...1.0346

ATMOSPHERIC IONS AND THE INFECTION PROCESS OF FUNGI ...Environmental Factors; Ionic Effect; Particulates - Air Pollution; Plant Pathogenetic Fungi; Plant Pathology - Env. Relat.; ...1.0362

RELATIONSHIPS BETWEEN CERTAIN AIR POLLUTANTS AND VARIOUS METEOROLOGICAL FACTORS ...Air Pollution -see Specifics; Climates -general; Mathematical Models; Models of Biological Systems; New Jersey; Weather Forecasting; Wind; ...1.0371

AIR POLLUTION ...Absorption - Chemistry; Air Pollution-chemistry; Fibers; Gases; Home Economics; Sulfur Dioxide; ...1.0372

INTERACTIONS BETWEEN THE GREAT LAKES AND THE ATMOSPHERE ...Air - Sea Boundary Studies; Circulation - Patterns; Condensation Physics; Mesometeorology; Model Studies; Snow Modification; ...1.0377

AIR POLLUTION PROBLEMS IN NORTHEAST ...Air Pollution - see Specifics; Climates -general; Nicotiana; Synoptic Weather Observations; Wind -see Air Motion; ...1.0378

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Aerosols; Air Pollution Effects; Atmospheric Dynamics; Energy-radiation; Heat Balance - Budget; Parametric Statistics; Tectonics; Visibility; ...1.0409

ENVIRONMENTAL POLLUTION TOXICOLOGY OF AIR FORCE MATERIALS ...Contamination -see Air & Water; Degradation; Environment; Propellants; ...1.0411

EFFECT OF DIESEL FUMES ON CONCRETE ...Automotive Application; Ceramics; Corrosion, Deterioration; Engines; Materials - properties; Structural Mechanics; ...1.0425

IMPACT OF AIR POLLUTANTS ON ECOSYSTEMS ...Air Pollution -see Specifics; Air Pollution Monitoring; Bioindicators; Fumigants -nonspecific; Great Salt Lake; Plant Succession; Reproductive Physiology; ...1.0429

MEASURING PERFORMANCE IN PUBLIC PROGRAMS ...Cost-benefit Analysis; Economic Projections- Forecast; Public Health; Technology - Social Impact; Water Quality -general; ...1.0442

AN EMISSION AND CONTROL COST STUDY OF THE REACTIVE METALS INDUSTRY ...Air Pollution-chemistry; Chemical Industry; Economic Geology -general; Industry; Management; ...1.0450

ECE QUESTIONNAIRE ANALYSIS AND STUDY PROPOSAL ...Air Pollution -see Specifics; Economic Geology -general; Economic Studies -general; ...1.0454

AN EMISSION AND CONTROL STUDY OF THE RENDERING INDUSTRY ...Data Acquisition; Economic Geology -general; Industrial Wastes; Noise -see Noise; Odor; Tanneries - Rendering Plants; ...1.0455

ENGINEERING COMPUTATION AND FORECASTING ...Air Pollution Monitoring; Information Systems; Mathematical Analysis; Statistics; ...1.0459

TECHNICAL SUPPORT FOR THE THIRD & FOURTH COMPREHENSIVE COSTS REPORTS TO CONGRESS ...Costs -see Economics Entries; Economic Geology -general; ...1.0465

ENGINEERING AND ECONOMIC STUDY OF PRIMARY ALUMINUM SMELTING INDUSTRY ...Casting of Materials; Costs - see Economics Entries; Gases; Iron & Steel Industry; Particulates - Air Pollution; ...1.0466

ESTIMATE LEVEL AND COST OF AIR POLLUTION ...Air Pollution -see Specifics; Costs -see Economics Entries; ...1.0473

ALABAMA ENVIRONMENTAL STUDY-CONFERENCE PROJECT ...Government -see Federal Gov.; Planning; Water Conservation -general; Water Quality -general; ...1.0475

COMEX AIR POLLUTION COMPUTER RESEARCH PROJECT ...Administration and Management; Air Pollution -see Specifics; Computer Methods -general; Decision Making; Education -see Training; Social Aspects; Urban Research -general; ...1.0476

THE DEVELOPMENT OF URBAN ATMOSPHERE MODELS FOR AIR RESOURCE MANAGEMENT ...Air Pollution -see Specifics; Model Studies; Urban Research -general; ...1.0477

THE THEORY OF MAN-ENVIRONMENT RELATIONSHIPS ...Colorado; Meetings; Weather Modification; ...1.0480

THE ORGANIZATIONAL FACTORS IN AIR POLLUTION CONTROL ...Air Pollution -see Specifics; Government -see Federal Gov.; Legal Studies; Organizational Research; Urban Environment; Urban Research -general; ...1.0483

COMMITTEE ON ATMOSPHERIC SCIENCES ...Committee Support; Mesometeorology; Severe Storms - Squalls; Weather Forecasting; ...1.0486

AIR POLLUTION MODELING - INTEGRATION OF TECHNICAL AND SOCIO-ECONOMIC CONSIDERATION ...Computer Models; Urban Research -general; ...1.0488

COLLECT AND STORE CURRENT NON-NAPCA AIR QUALITY DATA ...Air Pollution-chemistry; Data & Statistics Info Storage; Weather Data; ...1.0490

STUDIES FOR A SURVEY OF ENVIRONMENTAL POLLUTION, CONDUCTED BY THE NEW YORK CITY SCIENCE AND TECHNOLOGY ADVISORY COUNCIL ...Air Pollution -see Specifics; Consultants, Advisory Services; Urban Research - general; Water Pollution -see Specifics; Water Quality -general; ...1.0492

STUDY OF THE LEGAL AND INSTITUTIONAL ARRANGEMENTS FOR AIR POLLUTION CONTROL IN THE NEW YORK METROPOLITAN AREA ...Legal Studies-general; New York; ...1.0493

AIR POLLUTION CONTROL IN THE NEW YORK METROPOLITAN AREA ...Legal Studies; New York; Urban Environment; Urban Research -general; ...1.0494

COLLOQUIUM OF INTERNATIONAL AIR POLLUTION SCIENTISTS ...Air Pollution -see Specifics; Meetings; Technology - Social Impact; ...1.0496

INFORMATION AND RESEARCH EXCHANGE BETWEEN SCIENTISTS ...Air Pollution -see Specifics; Statistics; ...1.0506

REGIONAL CLIMATOLOGY ...Climatology; Weather Data; ...1.0508

COMMUNICATIONS ...Communication Systems-other; Forecasting - Prediction; ...1.0509

DATA PROCESSING - FEDERAL INSTALLATIONS ...Airplanes; Data Reduction and Analysis; Facilities; Ships; ...1.0516

DEVELOP NEW PROCEDURES FOR THE EOCC ...Air Pollution Monitoring; Data Reduction and Analysis; ...1.0517

OPERATION OF EOCC ...Air Pollution -see Specifics; Air Pollution Effects; Weather Data; ...1.0518

EVALUATE EPISODE SECTION OF AQCR IMPLEMENTATION PLANS ...Legal Studies-general; Planning; ...1.0519

EVALUATE SURVEILLANCE DATA ...Air Pollution -see Specifics; Data Reduction and Analysis; ...1.0520

DEVELOP STANDARDS FOR FEDERAL FACILITIES ...Air Pollution tsee Specifics; ...1.0521

STATE ASSISTANCE IN STANDARDS FORMULATION ...Air Pollution-chemistry, Legal Studies-general, Oxidant'; Particulates - Air Pollution; ...1.0522

EVALUATION OF ADOPTED AIR QUALITY STANDARDS ...Air Pollution-chemistry; Legal Studies-general; Oxidants; Particulates - Air Pollution; ...1.0523

LEGAL INFORMATAON HANDLING SYSTEM ...Data Reduction and Analysis; Government -see Federal Gov.; Information Systems; Regional Or State Studies; ...1.0528

EVALUATE THE EFFECTS OF SOURCE CONTROL PROGRAMS ON AIR QUALITY LEVELS ...Air Pollution -see Specifics; Legal Studies; ...1.0529

EVALUATION OF ALTERNATIVE AIR RESOURCE MANAGEMENT POLICIES ...Administration and Management, Management; ...1.0531

ENGINEERING REVIEW CONSULTATION ...Air Cleaning Devices; Air Pollution-chemistry; Chemical Analysis -general, Consultants, Advisory Services; Water Quality Control -general; ...1.0543

A MODEL FOR AIR POLLUTION CONTROL ...Air Pollution-chemistry; Economic Theory; Gases; Mathematical Models, Model Studies; Particulates - Air Pollution; Weather Data; ...1.0551

CONTROL OF AIR CONTAMINANTS IN THE HOME ...Aerosols, Air Cleaning Devices; Fluid Mechanics; General Sanitation Methods; Home Economics; Noise -see Noise; Particulates - Air Pollution; ...1.0559

ADSORPTION RATE STUDIES - AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Gases; Packed Bed Reactor; Sulfur Dioxide Removal; ...1.0569

EVALUATION OF EMISSION CONTROL SYSTEMS FOR NEW VEHICLE ...Air Pollution-chemistry; Cars; Combustion; ...1.0575

INVESTIGATE NON-CARBONACEOUS ALTERNATIVE FUELS FOR CONTROL OF EMISSIONS ...Air Pollution -see Specifics; Combustion, Fuels; ...1.0581

CONTROL TECHNIQUES FOR ASBESTOS EMISSIONS ...Asbestos; Meetings; ...1.0605

ARGONNE NATIONAL LABORATORY INTERAGENCY AGREEMENT ...Air Pollution -see Specifics, Handbooks; Water Pollution Abatement; ...1.0612

AIR QUALITY CONTROL SERVICE ...Air Pollution-chemistry; Chemical Analysis -general; Consultants, Advisory Services; ...1.0613

AQCR ASSISTANCE - CONTROL STRATEGY ...Air Pollution - see Specifics; Mathematical Models; ...1.0617

ODOR FORMATION IN ALKALINE PULPING ...Kinetics, Noise - see Noise, Odor; Process Development, Pulp and Paper Wastes; ...1.0657

NAVY ENVIRONMENT - COMPUTER CONTROL OF CHEMICAL INSTRUMENTS ...Air Pollution see Specifics; Air Pollution-chemistry, Gas Chromatography, Trace Elements; ...1.0667

SUB-MILLIMETER RESEARCH ...Effects, Energy-radiation; Interferometry; Lasers and Masers, Resonance; Weather Radar; ...1.0686

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution Monitoring, Attenuation; Connecticut; Solar Radiation -sunshine; ...1.0689

ADAPTATION OF OXIDES OF NITROGEN ANALYTICAL METHOD TO LIGHT DUTY VEHICLE EXHAUST EMISSION PROCEDURE ...Air Pollution Analysis; Cars; Chemical Analysis - general, Combustion, Gases; Nitrogen and Nitrogen Cpds.; ...1.0726

DEVELOPMENT OF PARTICULATE EMISSION PROCEDURE ...Air Pollution Sampling; Cars; Combustion; Particulates - Air Pollution; ...1.0727

CONDUCT EMISSION TESTS ON DEVICES ...Chemical Analysis -general; Combustion; Gases; ...1.0729

PUBLISH REPORTS ON DEVELOPMENTS IN AEROMETRIC DATA ANALYSIS METHODS ...Data Reduction and Analysis; ...1.0749

PUBLISH BASIC AIR QUALITY DATA ...Air Pollution-chemistry; Data & Statistics Info Storage; Data Reduction and Analysis; ...1.0750

FORECAST SUPPORT ...Applied Climatology; Consultants, Advisory Services, Model Studies; Weather Forecasting; ...1.0760

FORECAST DEVELOPMENT ...Boundary Layer Studies; Humidity - Water Vapor; Temperature; Turbulence; Urban Research - general; Weather Forecasting; Wind; ...1.0762

MAINTAIN AND PROVIDE UP-TO-DATE INFORMATION ON AIR POLLUTANT EMISSION FACTORS ...Air Pollution-chemistry; Combustion; Data Acquisition; ...1.0777

OPERATE A NETWORK OF CONTINUOUS MONITORING RESEARCH STATIONS (CAMP) ...Air Pollution Monitoring; Automatic Weather Stations; Cars; Combustion; Combustion Air Pollution-gen; Fuels; Lead; ...1.0783

EXPAND SAROAD TO SERVE THE NEEDS OF NADIS ...Data & Statistics Info Storage, Data Reduction and Analysis; ...1.0785

STANDARDIZATION OF METHOD FOR PARTICULATE EMISSIONS FROM MOBILE SOURCES ...Air Pollution -see Specifics; Particulates - Air Pollution; ...1.0797

OPERATE PORTABLE AND MOBILE METEOROLOGICAL EQUIPMENT IN POTENTIAL EPISODE SITUATIONS ...Air Pollution Monitoring; Atmosphere Composition; Weather Data; ...1.0798

PROVIDE METEOROLOGICAL SUPPORT TO EMERGENCY EPISODE PLANNING ...Atmospheric Dynamics; Model Studies, Weather Data; ...1.0799

DEVELOP IMPROVED METHODS OF CALCULATING AND ANALYZING SURVEY DATA ...Data Reduction and Analysis; ...1.0800

OPERATE A SPECIAL NETWORK FOR THE COLLECTION OF ARSENIC AND SELENIUM ...Air Pollution Sampling; Arsenic; Chemical Composition; Mercury; ...1.0815

ASTM SUBCOMMITTEE ON SENSORY METHODS OF MEASUREMENT ...Air Pollution -see Specifics; Committee Support; ...1.0840

DEVELOP & IMPLEMENT OPERATIONAL SYSTEM FOR EVALUATING & COLLABORATIVELY TESTING METHODS RECOMMENDED FOR AIR POLLUTION MEASUREMENT (ABBRE) ...Air Pollution Analysis; Aldehydes -nonspecific; Carbon Monoxide; Lead; Methane; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0843

MEASUREMENT OF AIR AND WATER QUALITY ...Air Pollution Analysis; Water Pollutant Identification; Water Quality - general; ...1.0845

SATELLITE PLATFORM ...Air Pollution Monitoring; Satellites - see Remote Sensing; ...1.0859

HETEOGENEOUS REACTIONS IN AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Corrosion, Deterioration; Nitrogen and Nitrogen Cpds.; Oxidation; Zinc; ...1.0861

POLARIZATION OF E.M. RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution-chemistry; Effects; Light Visible Spectroscopy; Polarography; Tectonics; Ultraviolet Spectroscopy; ...1.0865

CHEMICAL AND SPECTROSCOPIC INVESTIGATION OF AIR POLLUTANTS ...Air Pollution-chemistry; Detectors and Sensors, Light Visible Spectroscopy; Ultraviolet Spectroscopy; ...1.0868

ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF THE REACTION KINETICS OF MAJOR AIR POLLUTANTS ...Chemical Mechanisms & Kinetics; Fuels; Kinetics; Shock-wave; ...1.0885

RAIN SCAVENGING STUDIES ...Atmosphere Disturbance, Cloud Physics; Diffusion; Lead; Tracers; ...2.0194

DDT IN SNOW FALLEN AT HIGH ALTITUDE SINCE 1950 ...Canada; Chemical Analysis; DDT; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Snow; Water Pollutants - Path of; ...2.0405

LEAD IN AQUATIC ENVIRONMENTS ...Estuaries; Industrial Wastes; Lead; Ocean Mixing; Puget Sound; Seasonal Studies; Water Cycle; Water Standards & Baselines; ...2.0425

OCEAN CIRCULATION ...Atlantic Ocean; Marine Environments; Mathematical Models; Model Studies; Ocean Currents; Ocean Turbulence; Temperature; ...2.0508

DIFFUSION AND TRANSPORT OF CONTAMINANTS IN TURBULENT SHEAR FLOW ...Atmospheric Dynamics; Heat Transmission; Pressure Effects; Turbulence; Wind; Wind Tunnels; ...2.1035

STUDY OF METHODS FOR REDUCING WATER POLLUTION FROM STORM SEWER AND COMBINATION DISCHARGES THROUGH DEFINED PUBLIC WORKS PRACTICES ...Overflow -see Fluid Mechanics; Pesticides -see Pesticide; Snow and Ice Removal; Urban Environment; Urban Research -general; Water Quality Control -general; ...2.1242

ILLINOIS AND ITS INTERSTATE COMPACTS ...Administrative Organizations, Community Health Services; Illinois; Legal Review; Urban Environment; Urban Research -general; Water Resources Protection; ...2.1819

INPUT-OUTPUT ANALYSIS OF GENERATION AND ELIMINATION OF POLLUTION IN THE UNITED STATES ECONOMY ...Benefit-cost Analysis, Income Development & Growth; Process Development; Water Chemistry; ...2.1848

COLLABORATIVE PROGRAMS WITH GOVERNMENT AND PRIVATE AGENCIES FOR SOLUTION OF ENVIRONMENTAL PROBLEMS ...Cooperative Studies; Government -see Federal Gov.; Organizational Research; Water Quality -general; ...2.1852

GOVERNMENTAL AND PRIVATE SERVICES ...Consultants, Advisory Services; Groundwater; Solid Waste Management; Waste Disposal-see Solid Waste; Waste Management -see Specific; Water Quality Control -general; ...2.1871

MULTI-DISCIPLINARY RESEARCH IN POLLUTION ...Marine Pollution; North Carolina; Water Quality -general; ...2.1888

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Animal Wastes - Feed Lots; Bos; Chlorine; Contamination - Soil; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Soil Moisture; Zea Mays - Field Corn; ...3.0097

INCINERATION OF PLASTICS FOUND IN MUNICIPAL REFUSE ...Burning; Contamination; Incineration; Pyrolysis; ...3.0248

RESEARCH ON AN ANIMAL-WASTE POLLUTION CONTROL SYSTEM ...Animal Wastes - Feed Lots; Dewatering; Farm Animal Wastes; Gas Chromatography; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Waste Water Treatment -general; ...3.0289

MULTI-PURPOSE UTILIZATION OF HARDWOOD BARK THROUGH CHEMICAL MODIFICATION ...Construction Materials; Fire; Forest Debris; Materials -properties; Materials, Composite; Product Development Research; ...3.0370

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

THE OROVADA, NEVADA BASIN ENVIRONMENTAL STUDY ...Environment Accumulation Rates; Monitoring Systems; Pesticide Drift; Pesticides -nonspecific; ...4.0052

IMPROVED DISTRIBUTION AND PLACEMENT OF CONCENTRATE PESTICIDE MATERIALS ...Bioindicators; Concentrates; Pesticide Application Equip.; Pesticide Application Rates; Pesticide Drift; Pesticides -nonspecific; ...4.0068

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Bioassay; D, 2,4-; Monitoring Systems; Preventative Measures; ...4.0311

CENTER FOR THE STUDY OF THE HUMAN ENVIRONMENT ...Environmental Effects - Human; Pesticides -nonspecific; Pesticides -see Pesticide; Physiological Effects; Research Facilities; Water Quality -general; ...4.0805

ENVIRONMENTAL TOXICOLOGY OF PESTICIDES ...Contamination - Water; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Residues in Foods; ...4.0822

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides, Muricides; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

INTRAMETROPOLITAN RESIDENTIAL MOBILITY ...California; Environmental Hazards; Floods; Noise; Social Aspects; ...6.0068

Aerosols

AROMATIC BY-PRODUCTS OF COMBUSTION ...Air Pollution-chemistry; Combustion; Effects; Mechanism Determination; Oxidants; Photochemical Reactions; Solar Radiation -sunshine; ...1.0006

LIDAR OBSERVATIONS OF LOWER TROPOSPHERIC AEROSOL DISTRIBUTIONS DURING BOMEX ...Atmospheric Dynamics; Condensation Physics; Electronic Detection, Tracking; Heat and Radiation Transfer; Inversion; Particulates - Air Pollution; ...1.0011

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0018

THERMAL MODIFICATION ...Cirrus; Great Lakes -see Specific Lake; Heat Balance - Budget; Humidity - Water Vapor; New York; Solar Radiation -sunshine; Temperature; Weather Modification; ...1.0024

CONTINENTAL AEROSOLS IN THE MARINE ATMOSPHERE ...Atmospheric Dynamics; British West Indies; Cape Verde Islands; Energy Conversion; Particulates - Air Pollution; Tracers; ...1.0041

PRODUCTION AND DISPERSAL OF PATHOGENIC BACTERIAL AND VIRAL AEROSOLS BY AERATION OF CONTAMINATED WATERS ...Aeration (water); Bacteriophage; Farm Animal Wastes; Statistics; Waste Water Treatment -general; Water Pollution -see Specifics; ...1.0042

URBAN AIR POLLUTION AND CLIMATIC CHANGE ...Climatology; Particulates - Air Pollution; Urban Environment; Weather Modification; ...1.0072

FORMATION OF THE STRATOSPHERIC AEROSOL ...Atmosphere Composition; Model Studies; Particulates - Air Pollution; Stratosphere; ...1.0086

ANALYSIS OF CHEMICAL COMPOUNDS IN AN URBAN AEROSOL ...Air Pollution; Air Pollution-chemistry; Chromatography; Coulometry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0135

RADIATIVE PROPERTIES OF AEROSOLS IN THE STRATOSPHERE ...Infrared Radiation; Lasers and Masers; Radiation Detectors; Stratosphere; ...1.0167

STUDY OF EFFECT OF ATMOSPHERIC TURBIDITY ON SATELLITE SOUNDINGS ...Energy-radiation; Infrared Radiation; Model Studies; Particulates - Air Pollution; Polarization; Scattering; ...1.0316

AIR POLLUTION ...Absorption - Chemistry; Air Pollution; Air Pollution-chemistry; Fibers; Gases; Home Economics; Sulfur Dioxide; ...1.0372

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Air Pollution Effects; Atmospheric Dynamics; Energy-radiation; Heat Balance - Budget; Parametric Statistics; Tectonics; Visibility; ...1.0409

BACKGROUND AEROSOL LIGHT SCATTERING ...Heat Balance - Budget; Optical Properties; ...1.0432

INADVERTENT WEATHER MODIFICATION BY URBAN POLLUTION ...Air Pollution Effects; Cloud Structure; Mathematical Models; Precipitation Modification; ...1.0438

DYNAMIC PROCESSES ...Chemical Composition; Geophysical Analysis; Meetings; Monitoring; Turbulence; ...1.0479

AIR CLEANING ...Air Cleaning Devices; Air Pollution Sampling; Air Pollution-chemistry; Electrostatic Precipitators; Filters; Filtration; Particulates - Air Pollution; ...1.0544

CONTROL OF AIR CONTAMINANTS IN THE HOME ...Air Cleaning Devices, Air Pollution; Fluid Mechanics; General Sanitation Methods; Home Economics; Noise -see Noise; Particulates - Air Pollution; ...1.0559

LIDAR PROBING OF THE ATMOSPHERE ...Analytical Instruments; Atmosphere Composition; Lasers and Masers; Polarization; Scattering; Weather Radar; ...1.0666

MEASUREMENTS FOR AIR QUALITY ...Air Pollution Analysis; Air Pollution-chemistry; Chemical Composition; Gases; Light Scattering Analysis; Particulates - Air Pollution; Raman Spectroscopy; ...1.0687

AERONOMY AND OTHER ATMOSPHERIC STUDIES ...Color - Brightness; Lasers and Masers; Photography; Plasmas; Weather Radar; ...1.0694

CONTINUOUS MEASUREMENT OF EFFECTIVE AIR POLLUTION MIXING DEPTH BY MEANS OF SOLAR RADIATION EQUIPMENT ...Air Pollution Monitoring; Energy-radiation; Radiation Instruments -atmos.; ...1.0700

STUDY THE LEVELS OF POLYCYCLIC HYDROCARBONS IN AN URBAN ATMOSPHERE ...Air Pollution -see Specifics; Air Pollution-chemistry; Organic Compounds; Urban Environment; Weather Data; ...1.0730

AEROSOL MEASUREMENTS IN LOS ANGELES SMOG ...Air Pollution Analysis; Air Pollution Monitoring; California; Chemical Analysis -general; Coagulation; Data & Statistics Info Storage; Smog; ...1.0732

TURBIDITY NETWORK ...Automatic Weather Stations; Climatology; Energy-radiation; Optics; Visible Light; ...1.0769

INFLUENCE OF AEROSOL CHARACTERISTICS ON VISIBILITY ...Air Pollution Monitoring; Chemical Composition; Optical Properties; Visibility; ...1.0856

CONDENSATION NUCLEI AND AEROSOL POPULATIONS RELATED TO FOG FORMATION ...Air Pollution Analysis; California; Fog - Mist Dissipation; Meteorological Condensation; Nucleation Physics; ...1.0867

THEORETICAL AERONOMY ...Airglow; Ionosphere; Mass Transport; Scattering; Transfer Phenomena; Upper Atmospheric Chemistry; Upper Atmospheric Temperatures; ...1.0977

STATISTICAL METHODS IN AEROSOL STUDIES ...Air Pollution Analysis; Air Pollution-chemistry; Coalescence; Literature Search; Stochastic Processes; ...1.0078

ELECTRICAL CHARGING OF SMALL PARTICLES AT LOW PRESSURES ...Electric Field; Electrical Phenomena; Electrostatic; ...1.0093

STUDIES OF AIRBORNE PARTICULATES OF SUBMICRON SIZE ...Gases; Model Studies; Particulates - Air Pollution; Radiologic Health; ...1.0099

ATMOSPHERIC CHEMISTRY ...Activation Analysis; Air Pollution Sampling; Atmospheric Dynamics; Illinois; Precipitation Instruments; Snow; ...2.0122

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Precipitation Gages; Radiotracers -see Tracers; Tracers; ...2.0133

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Ocean Circulation -general; Radioactive Fallout; Radioactivity; ...2.0187

PRECIPITATION SCAVENGING ...Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

IN-CLOUD SCAVENGING ...Adsorption Capacity; Atmospheric Dynamics; Cloud Motions - Movement; Model Studies; Radioactive Fallout; Tracers; Wind; ...2.0417

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Barium; Cerium; Fission Products-see Radioact.; Praseodymium; Radioactivity; Strontium; Yttrium; ...5.0446

CHARACTERISTICS Or URANIUM MINE ATMOSPHERES ...Air Pollution Monitoring; Mine Atmosphere Conditions; Particulates - Air Pollution; Radioactivity; Uranium; ...5.0875

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Balloons; Electrical Phenomena; Gamma Radiation; Mineral Processing Industry; Radiation -terrestrial; Radioactivity; Uranium; ...5.0879

Air Pollution Analysis

CHEMICAL COMPOSITION OF POLLUTED AIR ...Air Pollution-chemistry; Cars; Chemical Analysis -general; Energy Storage - general; Industrial Wastes; Rate of Reaction; Temperature; ...1.0038

PARTICULATE POLLUTANT SYSTEM STUDY - MODIFICATION AND EXTENSION ...Air Pollution-chemistry; Atmospheric Dynamics; Combustion; Forecasting - Prediction; Gases; Particulates - Air Pollution; ...1.0069

CHARACTERISTICS OF PARTICULATE EMISSIONS IN AUTO EXHAUSTS - DESIGN AND TEST SIMPLIFIED SAMPLING SCHEME ...Air Pollution-chemistry; Cars; Combustion; Particulates - Air Pollution; ...1.0097

DEVELOP AND MAINTAIN AN INFORMATION SYSTEM ON NATION-WIDE EMISSIONS FROM GASOLINE FUEL ADDITIVES ...Air Pollution-chemistry; Cars; Combustion; Fuels; Gases; ...1.0106

AIR POLLUTION POTENTIAL FROM AN URBAN FREEWAY ...Air Pollution; Air Pollution Monitoring; Freeways; Model Studies; Urban Research -general; ...1.0128

ANALYSIS OF CHEMICAL COMPOUNDS IN AN URBAN AEROSOL ...Aerosols; Air Pollution; Air Pollution-chemistry; Chromatography; Coulometry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0135

EFFECTS OF DUSTS ON VEGETATION ...Air Pollution; Air Pollution Effects; Cell Injury and Autolysis; Industrial Pollution - general; Particulates - Air Pollution; Urban Environment; ...1.0320

EVALUATION OF FACTORS RELATING TO THE PROPOSED DESIGNATION OF AIR QUALITY CONTROL REGIONS ...Administration and Management; Atmospheric Dynamics; Goverr ment -see Federal Gov.; Model Studies; Urban Planning; Urba. Research -general; ...1.0484

HEDONIC EVALUATION OF ODORS ...Air Pollution -see Specifics; Attitudes & Attitude Change; Noise -see Noise; Sensory & Perceptual Processes; Urban Research -general; ...1.0513

ENVIRONMENTAL CONTROL RESEARCH - CONTROL TECHNIQUES DEVELOPMENT ...Coal; Drilling and Coring; Gases; Mine Atmosphere Conditions; Mine Hydrology ...1.0630

DEFINE AND DEVELOP UNIFORM PROCEDURES FOR MEASURING PERFORMANCE EVALUATION PROCEDURES FOR CONTINUOUS ATMOSPHERIC ANALYZERS ...Absorption - Chemistry; Air Pollution-chemistry; Detectors and Sensors; Gases; Instrument Services; Nitrogen and Nitrogen Cpds.; Oxidants; ...1.0671

HIGH SPEED INTERFEROMETER EXPERIMENT DEVELOPMENT ...Atmosphere; Interferometry; Resolution; Spacecraft Sensory Devices; Trace Analysis; ...1.0678

EVALUATION & APPLICATION OF CONVAIR IR SPECTROPHOTOMETER FOR LONGPATH ABSORPTION SPECTRA OF OXIDIZING ATMOSPHERE (WEST COAST) (ABBREV) ...Analytical Instruments; California; Infrared Radiation; Oxidizing Atmosphere; Smog; Spectrographic Techniques; ...1.0679

EXPERIMENTAL LASER MEASUREMENT RESEARCH ...Air Pollution-chemistry; Functions and Properties; Lasers and Masers; Plasmas; ...1.0683

MEASUREMENTS FOR AIR QUALITY ...Aerosols; Air Pollution-chemistry; Chemical Composition; Gases; Light Scattering Analysis; Particulates - Air Pollution; Raman Spectroscopy; ...1.0687

USE OF SOLID-STATE DETECTORS FOR DETECTING ALPHA PARTICLE TRACKS - APPLICATION TO MEASUREMENT OF AIRBORNE CONTAMINATION ...Air Pollution-chemistry; Detectors and Sensors; Radiochemical Analysis; ...1.0698

ADAPTATION OF OXIDES OF NITROGEN ANALYTICAL METHOD TO LIGHT DUTY VEHICLE EXHAUST EMISSION PROCEDURE ...Air Pollution; Cars; Chemical Analysis -general; Combustion; Gases; Nitrogen and Nitrogen Cpds.; ...1.0728

AEROSOL MEASUREMENTS IN LOS ANGELES SMOG ...Aerosols; Air Pollution Monitoring; California; Chemical Analysis -general: Coagulation; Data & Statistics Info Storage; Smog; ...1.0732

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Monitoring; Combustion; Combustion Air Pollution-gen; Energy Conversion; Heat Balance - Budget; Power Plants; Urban Research -general; ...1.0735

CONTROLLED CONVERSION OF GASES INTO DETECTABLE PARTICLES ...Chemical Analysis -general; Gases; Particulates - Air Pollution; Rate of Reaction; ...1.0741

MEASUREMENT OF OZONE CONCENTRATIONS IN THE ATMOSPHERE ...Air Pollution -see Specifics; Air Pollution-chemistry; Gases; Membranes; ...1.0747

APP-AIR QUALITY COMPARISON ...Atmospheric Dynamics; Forecasting - Prediction; Model Studies; ...1.0761

MEASUREMENT OF VISIBILITY REDUCTION BY PARTICULATES BASED ON OPTICAL PROPERTIES OF URBAN PARTICULATES (ABBREV) ...Air Pollution-chemistry; Light Scattering Analysis; Particle Separators; Particulates - Air Pollution; Urban Research -general; ...1.0765

DEVELOPMENT OF IN-HOUSE INSTRUMENTAL METHODS ...Air Pollution-chemistry; Analytical Instruments; Chlorine; Gases; ...1.0779

PROVIDE TECHNICAL ASSISTANCE TO STATE AND LOCAL AGENCIES REGARDING SPECIAL AIR QUALITY SURVEILLANCE PROJECTS ...Air Pollution-chemistry; Iron & Steel Industry; ...1.0780

OPERATE A SPECIAL NETWORK FOR DETERMINING THE SIZE DISTRIBUTION OF PARTICULATES BY USE OF CASCADE IMPACTOR ...Particulates - Air Pollution; Separation; Urban Research -general; ...1.0781

FIELD PERFORMANCE AND APPLICATION EVALUATION OF BARRINGER REMOTE SENSING AND INSTACK MEASUREMENT OF SO2 EMISSIONS BY CORRELATION SPECTROSCOPY ...Air Pollution-chemistry; Gases; Infrared Spectroscopy; Ultra - Violet Radiation, Ultraviolet Spectroscopy; ...1.0784

DEVELOP TECHNIQUES FOR STORING CHEMICAL INFORMATION PROPORTIONAL TO 24-HOUR AVERAGE CONCENTRATIONS OF SO2 AND NOX ...Absorption - Chemistry; Air Pollution Monitoring; Air Pollution-chemistry; Gases; Nitrogen and Nitrogen Cpds.; ...1.0805

DEVELOP A PROCEDURE FOR THE COLLECTION OF AND ANALYSIS FOR FILTERABLE ('ORGANIC') LEAD FROM AMBIENT AIR ...Lead; ...1.0818

CONSULT WITH LOCAL, STATE, REGIONAL, AND OTHER FEDERAL AGENCIES ON ANALYTICAL METHODOLOGY AND PROCEDURES ...Air Pollution-chemistry; Chemical Analysis -general; Consultants, Advisory Services; ...1.0820

PROVIDE ANALYTICAL SERVICES TO REGIONAL, STATE, LOCAL & OTHER FEDERAL AGENCIES, TO OTHER NAPCA PROGRAMS & OTHER APPROPRIATE ORGANIZATIONS ...Air Pollution -see Specifics; Air Pollution Sampling; ...1.0822

WEIGH AND COMPUTE CONCENTRATION OF SUSPENDED PARTICULATE MATTER IN SAMPLES COLLECTED BY THE NASN ...Air Pollution-chemistry; Filtration; Membranes; Temperature; ...1.0824

ANALYZE COLLECTED SAMPLES OF SUSPENDED PARTICULATE MATTER FOR BENZENE SOLUBLE ORGANICS AND FOR BENZO(A)PYRENE ...Air Pollution-chemistry; Fluorometry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0825

ANALYZE SAMPLES COLLECTED FROM AMBIENT AIR FOR TOTAL MERCURY ...Absorption - Chemistry; Air Pollution Sampling; Air Pollution-chemistry; Chemical Analysis -general; Mercury; ...1.0831

DEVELOP & IMPLEMENT OPERATIONAL SYSTEM FOR EVALUATING & COLLABORATIVELY TESTING METHODS RECOMMENDED FOR AIR POLLUTION MEASUREMENT (ABBREV) ...Air Pollution; Aldehydes -nonspecific; Carbon Monoxide; Lead; Methane; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0843

MEASUREMENT OF AIR AND WATER QUALITY ...Air Pollution; Water Pollutant Identification; Water Quality -general; ...1.0845

DETECTION OF SMALL AMOUNTS OF SO2 IN ATMOSPHERE ...Attenuation; Energy Conversion; Gases; Reflection; Ultra - Violet Radiation; ...1.0852

EVALUATION OF A NEW 'CRYOGENIC SAMPLER' FOR FIELD USE ...Air Pollution Sampling; Air Pollution-chemistry; Analytical Instruments; Concentration; Freeze Drying; Temperature Effects; Trace Analysis; ...1.0854

AN INTEGRATED SYSTEM FOR SAMPLING STACK EMISSIONS ...Air Pollution Monitoring; Air Pollution Sampling; Combustion; Combustion Air Pollution-gen; Dust; Fluid Mechanics; Furnace and Incinerator Design; ...1.0858

POLARIZATION OF E.M. RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Air Pollution-chemistry; Effects; Light Visible Specroscopy; Polarography; Tectonics; Ultraviolet Spectroscopy; ...1.0865

CONDENSATION NUCLEI AND AEROSOL POPULATIONS RELATED TO FOG FORMATION ...Aerosols; California; Fog - Mist Dissipation; Meteorological Condensation; Nucleation Physics; ...1.0867

STATISTICAL METHODS IN AEROSOL STUDIES ...Aerosols; Air Pollution-chemistry; Coalescence; Literature Search; Stochastic Processes; ...1.0878

STUDIES OF DEPOSITION AND REDISTRIBUTION OF DEBRIS FROM SPECIFIC NUCLEAR EVENTS ...Analytical Instruments; Atmospheric Dynamics; Micrometeorology; Model Studies; Nevada; Radioactive Fallout; Radioactivity; ...5.0005

CHARACTERIZATION OF RADIOACTIVE PARTICLES PRODUCED BY NUCLEAR DETONATION ...Fallout -see Radioactive; Nuclear Detonations; Radiation Effects - Biological; Radioactive Fallout; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Spectrographic Techniques; ...5.0007

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution Effects; Energy Conversion; Environmental Hazards; Occupational Hazards; Radiation Instruments; Radioactive Isotopes; Radiologic Health; ...5.0877

EVALUATION OF CLIMATE ...Building Acoustics -see Noise; Building Construction; Building Design; Humidity - Water Vapor; Sweden; Temperature; Temperature Stress; ...6.0110

Air Pollution Effects

METEOROLOGY FOR URBAN AIR POLLUTION RESEARCH ...Atmospheric Dynamics; Diffusion; Particulates - Air Pollution; Urban Research -general; Weather Radar; ...1.0026

URBAN AIR POLLUTION AND CLIMATIC CHANGE ...Aerosols; Climatology; Particulates - Air Pollution; Urban Environment; Weather Modification; ...1.0072

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

USSR LITERATURE ON AIR POLLUTION AND RELATED DISEASES ...Air Pollution -see Specifics; Environmental Effects - Human; Literature Search; Plant Habitat Studies; ...1.0211

COMPLETE ANALYSES OF DATA & PREPARE A REPORT OF A STUDY OF PHILADELPHIA IN RELATION TO SOX & PARTICULATE AIR POLLUTION LEVELS ...Air Pollution -see Specifics; Gases; Particulates - Air Pollution; Pennsylvania; Sulfur Dioxide; ...1.0240

COMPLETE ANALYSIS OF DATA & PREPARE A REPORT ON THE RELATIONSHIP OF SOX & PARTICULATE AIR POLLUTION LEVELS TO SCHOOL ABSENCES IN CINCINNATI ...Air Pollution Monitoring; Ohio; Social Aspects; Weather Data; ...1.0241

CONTINUE STUDIES TO DETERMINE THE THRESHOLD AT WHICH LEAD AND MERCURY PRODUCE HEMATOLOGIC IMPAIRMENT ...Air Pollution; Air Pollution -see Specifics; Lead; Mercury; Yugoslavia; ...1.0242

PLAN, DEVELOP EFFECTS OF SOX AND PARTICULATE AIR POLLUTION ON HUMAN HEALTH ...Air Pollution -see Specifics; Particulates - Air Pollution; Respiratory Irritants, Inhaled; ...1.0259

CONTINUE ACQUISITION OF INFORMATION & COMPLETE DEVELOPMENT OF ASSEMBLY FORMAT OF A MONOGRAPH ON THE HEALTH CONSEQUENCES OF AIR POLLUTION ...Air Pollution -see Specifics; Bibliography; ...1.0262

IMMINENT AND SUBSTANTIAL ENDANGERMENT TO HEALTH ...Air Pollution; Air Pollution -see Specifics; Environmental Hazards; Fluorine; Lead; Nitrogen and Nitrogen Cpds; ...1.0263

STUDIES DESIGNED TO IDENTIFY & QUANTIFY THE EFFECTS OF OXIDANT, NOX AND HYDROCARBON AIR POLLUTANTS ON HUMAN HEALTH (ABBREV) ...Air Pollution - see Specifics; Nitrogen and Nitrogen Cpds.; ...1.0275

PUBLIC HEALTH ECOLOGY ...Air Pollution -see Specifics; Aircraft Remote Sensing; Biological Effects; Climatology; Sanitation; Spacecraft Sensory Devices; Water Pollution -see Specifics; ...1.0296

EFFECT OF AIR POLLUTANTS ON TEXTILE FABRICS ...Air Pollution-chemistry; Corrosion, Deterioration; Effects; Fibers; Home Economics; Humidity - Water Vapor; Temperature; ...1.0313

EFFECTS OF DUSTS ON VEGETATION ...Air Pollution; Cell Injury and Autolysis; Industrial Pollution -general; Particulates - Air Pollution; Urban Environment; ...1.0320

EFFECTS OF AUTO EXHAUST ON ROADSIDE MAMMAL POPULATIONS ...Air Pollution -see Specifics; Animal Behavioral Ecology; Cricetidae -other; Environmental Physiology; Population Dynamics -general; ...1.0361

AIR POLLUTION PROBLEMS IN NORTHEAST ...Air Pollution; Air Pollution -see Specifics; Climates -general; Nicotiana; Synoptic Weather Observations; Wind -see Air Motion; ...1.0378

SURVEY OF PLANT RESPONSES TO AMBIENT POLLUTANTS ...Air Pollution -see Specifics; Plant Response to Env. -ns; ...1.0390

TECHNICAL ASSISTANCE IN AIR POLLUTION PROBLEMS RELATED TO AGRICULTURE ...Air Pollution -see Specifics; ...1.0394

AGRICULTURAL-POLLUTANT REPRINT LIBRARY ...Air Pollution -see Specifics; Information Science; Library; ...1.0395

THE RELATIVE SUSCEPTIBILITY OF WESTERN CONIFERS TO OZONE AND AMBIENT OXIDANTS ...Abies; Conifers; Gases; Herbicides and Other Chem; Picea; Pinus (other Specifics); Western U. S.; ...1.0396

RESPONSE OF SELECTED FIELD PLANTS TO AMBIENT POLLUTANTS IN WASHINGTON, D.C. ...Air Pollution -see Specifics; Bioindicators; District of Columbia; Growth; Losses Due to Pollution; Ornamentals; Urban Research -general; ...1.0397

RESPONSE OF EASTERN CONIFERS TO POLLUTANT MIXTURES AT SPECIFIED TIMES DURING NEEDLE DEVELOPMENT ...Conifers; Eastern U. S.; Gases; Herbicides and Other Chem; Sulfur Dioxide; ...1.0398

LOW CONCENTRATION-LONG TERM RESPONSES OF PLANTS TO POLLUTANT MIXTURES ...Air Pollution -see Specifics; Gases; Growth; Pathological Physiology; Reproductive Physiology; Sulfur Dioxide; ...1.0402

CONTROLLED ENVIRONMENT STUDIES ON METAL CORROSION CAUSED BY AIR POLLUTION ...Coatings -see Materials; Gases; Nitrogen and Nitrogen Cpds.; X-ray Spectroscopy; ...1.0405

ECONOMIC IMPACT OF REDUCED VISIBILITY AT AIRPORTS FROM AIR POLLUTION ...Costs -see Economics Entries; Economic Geology -general; Visibility; Weather Data; ...1.0406

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Aerosols; Atmospheric Dynamics; Energy-radiation; Heat Balance & Budget; Parametric Statistics; Tectonics; Visibility; ...1.0409

RELATIONSHIP OF AIR POLLUTION TO HARDWOOD FORESTS OF THE NORTHEASTERN UNITED STATES ...Air Pollution -see Specifics; Air Pollution Sampling; Deciduous Forests; Forest Pathology; Plant Pathology - Env. Relat.; Temperature - Air; ...1.0412

IMPACT OF AIR POLLUTANTS ON ECOSYSTEMS ...Air Pollution; Air Pollution -see Specifics; Air Pollution Monitoring; Bioindicators; Fumigants -nonspecific; Great Salt Lake; Plant Succession; Reproductive Physiology; ...1.0. .9

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Mathematical Models; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0433

INADVERTENT WEATHER MODIFICATION BY URBAN POLLUTION ...Aerosols; Cloud Structure; Mathematical Models; Precipitation Modification; ...1.0438

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Agricultural Economics; Air Pollution-chemistry; Forest Environment -general; Land Use; Losses Due to Pollution; Recreation, Water Resources; Remote Sensing; Smog; Value; ...1.0456

ASSESSMENT OF VEGETATIVE DAMAGE ...Air Pollution -see Specifics; Growth; ...1.0457

STATE OF THE ART SURVEY (EFFECTS AND ECONOMICS) FOR METALS AND ALLOYS ...Corrosion, Deterioration; Urban Research -general; ...1.0458

AIR POLLUTION AND PROPERTY VALUES ...Air Pollution -see Specifics; Land Use; Regression Analysis; Urban Research -general; ...1.0460

ANALYSES OF DATA & A REPORT ON RELATIONSHIPS BETWEEN SOCIO-ECONOMIC LEVELS OF AIR POLLUTION IN CHICAGO CENSUS TRACTS (ABBREV) ...Air Pollution -see Specifics; Social Aspects; Urban Environment; ...1.0467

DEVELOPMENT OF A PACKAGE OF ECONOMICALLY IMPORTANT MATERIALS TO MONITOR THE DAMAGING EFFECTS OF AIR POLLUTION ...Air Pollution Monitoring; Air Pollution-chemistry; Corrosion, Deterioration; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0468

STATE OF THE ART SURVEY (EFFECTS AND ECONOMICS) FOR ELECTRONIC COMPONENTS ...Electronic Components; Manufacturing; ...1.0469

DAMAGE FUNCTIONS ...Air Pollution -see Specifics; Contamination - Soil; ...1.0470

GROSS DAMAGE ESTIMATES ...Costs -see Economics Entries; Data Reduction and Analysis; Economic Geology -general; ...1.0471

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Benefit-cost Analysis; Energy Conversion; Government -see Federal Gov., Legal Studies; Petroleum Industry; Regulatory & Legal; Social Aspects; Water Resources Protection; ...1.0481

BASE STUDY OF THE STATUS OF ECOLOGICAL RESEARCH ...Air Pollution -see Specifics; Balance of Nature - Plants; Environmental Ecology; Literature Search; Plant Ecology -nonspecific; Pollution Effects -see Water; ...1.0498

STUDY OF THE SOCIAL AND ECONOMIC IMPACT OF ODORS - PHASE II ...Noise -see Noise; ...1.0502

SOCIAL IMPACT OF AIR POLLUTION ON THE PHILADELPHIA AIR QUALITY CONTROL REGION ...Air Pollution -see Specifics; Pennsylvania; Urban Research -general; ...1.0512

OPERATION OF EOCC ...Air Pollution; Air Pollution -see Specifics; Weather Data; ...1.0518

DEVELOPMENT OF REFERENCE AIR QUALITY STANDARDS ...Air Pollution -see Specifics; Fluorine; Lead; Nitrogen and Nitrogen Cpds.; ...1.0525

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution; Air Pollution Monitoring; Attenuation; Connecticut; Solar Radiation -sunshine; ...1.0689

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Analysis; Air Pollution Monitoring; Combustion; Combustion Air Pollution-gen; Energy Conversion; Heat Balance - Budget; Power Plants; Urban Research -general; ...1.0735

APPLICATION OF REMOTE SENSING METHODS IN DETECTING AIR POLLUTION DAMAGE TO VEGETATION ...Aerial Photography -see Aerial; Aerial Photography -see Photo.; Remote Sensing; Sulfur Dioxide; ...1.0774

FIELD INVESTIGATION IN A NEW ABATEMENT CASE ...Air Pollution Monitoring; Air Pollution-chemistry; Meetings; ...1.0826

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides - see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

WORKSHOP ON RESEARCH PROBLEMS IN AIR AND WATER POLLUTION ...Eutrophication; Meetings; Thermal Pollution; Upper Atmospheric Chemistry; Water Pollution Effects; ...2.1000

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Costa Rica; Energy Conversion; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Tropical Regions; ...5.0218

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS ...Air Pollution -see Specifics; Energy Conversion; Environmental Hazards; Occupational Hazards; Radiation Instruments; Radioactive Isotopes; Radiologic Health; ...5.0877

Air Pollution Monitoring

STUDIES OF NATURAL AND POLLUTANT SOURCES OF CARBON MONOXIDE ...Air Pollution-chemistry; Aircraft; Atmospheric Dynamics; Combustion Air Pollution-gen; Gases; Geochemical Investigations; ...1.0013

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution-chemistry; Atmospheric Dynamics; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0018

METEOROLOGY FOR NUCLEAR TESTING ...Atmospheric Dynamics; Diffusion; Model Studies; Nevada; Precipitation Forecasting; Radioactive Fallout; Seismology; Weather Forecasting; ...1.0021

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Combustion Air Pollution-gen; Gases; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics, ...1.0061

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Air Pollution Sampling; Atmospheric Dynamics; Energy Conversion; Gases; Mathematical Analysis; Particulates - Air Pollution, Smoke; Turbulence; ...1.0091

PROVIDE INFORMATION ON EMISSIONS FROM NUCLEAR FACILITIES ...Atomic Plants; Impact on Environment; Radioactivity; ...1.0095

ENGINEERING STUDIES RELATED TO THE TECHNIQUES AND INSTRUMENTATION USED FOR FUEL AND FUEL ADDITIVE EVALUATIONS ...Air Pollution Sampling; Air Pollution-chemistry; Chemical Analysis -general; Combustion; Fuels; Meteorological Studies; Nitrogen and Nitrogen Cpds.; ...1.0106

AIR POLLUTION POTENTIAL FROM AN URBAN FREEWAY ...Air Pollution; Freeways; Model Studies; Urban Research -general; ...1.0128

INFRARED SPECTROSCOPIC ANALYSIS OF TRACE POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Combustion; Fluidized Bed Reactor; Infrared Spectroscopy; Power Plants; Trace Analysis; ...1.0165

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN BIRMINGHAM, ALABAMA. ...Air Pollution -see Specifics; Air Pollution Sampling; Alabama; Urban Environment; Urban Research -general; ...1.0168

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN NEW YORK CITY, NEW YORK ...Air Pollution -see Specifics; New York; Urban Environment; Weather Data; ...1.0229

COMPLETE ANALYSIS OF DATA & PREPARE A REPORT ON THE RELATIONSHIP OF SOX & PARTICULATE AIR POLLUTION LEVELS TO SCHOOL ABSENCES IN CINCINNATI ...Air Pollution Effects; Ohio; Social Aspects; Weather Data; ...1.0241

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN CHARLOTTE, NORTH CAROLINA ...Air Pollution -see Specifics; North Carolina; Urban Research -general; Weather Data; ...1.0250

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN GREENSBORO, NORTH CAROLINA ...Air Pollution -see Specifics; Data Acquisition; North Carolina; Urban Research -general; ...1.0280

CLIMATIC CHANGES THROUGH URBANIZATION ...Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

THE EFFECTS OF ATMOSPHERIC POLLUTION ON EPIPHYTES ...Bryophyta; Idaho; Iron & Steel Industry; Montana; Pseudotsuga; Range Or Territorial Distr.; ...1.0421

IMPACT OF AIR POLLUTANTS ON ECOSYSTEMS ...Air Pollution; Air Pollution -see Specifics; Bioindicators; Fumigants -nonspecific; Great Salt Lake; Plant Succession; Reproductive Physiology; ...1.0429

ENGINEERING COMPUTATION AND FORECASTING ...Air Pollution; Information Systems; Mathematical Analysis; Statistics; ...1.0459

DEVELOPMENT OF A PACKAGE OF ECONOMICALLY IMPORTANT MATERIALS TO MONITOR THE DAMAGING EFFECTS OF AIR POLLUTION ...Air Pollution Effects; Air Pollution-chemistry; Corrosion, Deterioration; Nitrogen and Nitrogen Cpds., Particulates - Air Pollution; ...1.0468

DYNAMIC PROCESSES ...Aerosols, Chemical Composition; Geophysical Analysis; Meetings; Monitoring; Turbulence; ...1.0479

DESIGN DETAILED PERFORMANCE SPECIFICATIONS FOR THE DIFFERENT TYPES OF AIR QUALITY SURVEILLANCE NETWORKS ...Air Pollution Sampling; Automatic Weather Stations; Surveillance, Electronic; ...1.0489

CAVEN POINT INCINERATOR EVALUATION ...Furnace and Incinerator Design; Furnaces; Legal Studies-general; Particulate Matter - Air Poll.; Particulates - Air Pollution; ...1.0501

LABORATORY SUPPORT IN THE ENFORCEMENT OF IMPLEMENTATION PLANS ...Air Pollution Sampling; ...1.0507

DEVELOP NEW PROCEDURES FOR THE EOCC ...Air Pollution; Data Reduction and Analysis; ...1.0517

DESIGN OF WET SCRUBBING TEST FACILITIES ...Noise -see Noise; Particulate Matter - Air Poll.; Particulates - Air Pollution; Scrubbers; ...1.0603

PARTICULATE CONTROL STUDIES ...Adsorption; Literature Search; Particulates - Air Pollution; Scrubbers; Sulfur Dioxide Removal; ...1.0604

APPLICATIONS OF CRYOGENIC TECHNIQUES TO PROBLEMS IN AIR POLLUTION ...Atomic Plants; Combustion; Detectors and Sensors; Gases; Nuclear Reactor; Temperature Effects; ...1.0624

A NEW INSTRUMENT FOR KINETIC STUDIES OF AIR POLLUTION ...Air Pollution-chemistry; Analytical Instruments; Atmospheric Dynamics; Photoionization; Rate of Reaction; Trace Analysis; ...1.0672

CARBON MONOXIDE DIFFUSION MODEL ...Atmospheric Dynamics; California; Cars; Diffusion; Model Studies; Urban Research -general; ...1.0675

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution; Attenuation; Connecticut; Solar Radiation - sunshine; ...1.0689

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution -see Specifics; Atmosphere; Connecticut; Particulates - Air Pollution; Scattering; Urban Research -general; ...1.0690

FEASIBILITY STUDIES TO DETERMINE THE USE OF VARIOUS MATERIALS AS STANDARD REFERENCES FOR AIR POLLUTION MEASUREMENTS ...Energy Conversion; Inorganic Gases; Oxidants; Particulates - Air Pollution; ...1.0692

AERONOMY AND OTHER ATMOSPHERIC STUDIES ...Aerosols; Color - Brightness; Lasers and Masers; Photography; Plasmas; Weather Radar; ...1.0694

ATMOSPHERIC CHEMISTRY OF BORON ...Aerosols; Air - Water; Air Pollution-chemistry; Colorimetric Methods; Electrochemistry; Spectrographic Techniques; ...1.0697

CONTINUOUS MEASUREMENT OF EFFECTIVE AIR POLLUTION MIXING DEPTH BY MEANS OF SOLAR RADIATION EQUIPMENT ...Aerosols; Energy-radiation; Radiation Instruments -atmos.; ...1.0700

LOW LEVEL VERTICAL OZONE DETERMINED BY INVERSION OF BACKSCATTERED ULTRAVIOLET RADIATION ...Energy-radiation; Gases; Spacecraft Sensory Devices; Upper Atmospheric Sounding; ...1.0702

SPREADING OF LEAD IN RURAL AREAS ...Air Pollution -see Specific; Air Pollution-chemistry; Combustion; Food Contamination; Lead; Rural Areas; Toxic Substances; Water Pollutants - Path of; X-ray Spectroscopy; ...1.0703

THE DIRECT AND CONTINUOUS DETERMINATION OF METALS IN AIR ...Air Pollution-chemistry; Combustion Air Pollution-gen; Incinerators; Lead; Mercury; Trace Analysis; ...1.0707

STUDIES PREPARATORY TO GLOBAL ENVIRONMENTAL MONITORING ...Environmental Geology; Meetings; Monitoring, Water Pollution Abatement; Water Quality -general; ...1.0717

CONTINUOUS CHROMATOGRAPHIC MONITORING OF GAS STREAMS ...Air Pollution-chemistry; Chromatography; Gases; ...1.0720

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution Control Systems; Air Pollution-chemistry; Chemical Analysis - general; Combustion; Energy Conversion; Engines; Inorganic Gases; Radiometric Analysis; ...1.0721

AEROSOL MEASUREMENTS IN LOS ANGELES SMOG ...Aerosols; Air Pollution Analysis; California; Chemical Analysis - general; Coagulation; Data & Statistics Info Storage; Smog; ...1.0732

CONTINUOUS PARTICULATE MONITORS FOR FOSSIL FUEL COMBUSTION SOURCES ...Air Pollution-chemistry; Coal Research; Combustion; Exhaust, Combustion -see Auto; Particulate Matter - Air Poll.; Particulates - Air Pollution; ...1.0733

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Analysis; Combustion; Combustion Air Pollution-gen; Energy Conversion; Heat Balance - Budget; Power Plants; Urban Research -general; ...1.0735

ATOMIC ABSORPTION SPECTROSCOPY WITH A HIGH TEMPERATURE FURNACE ...Atomic Absorption; Clouds - Precipitation; Montana; Particulates and Aerosols; Snow; ...1.0737

INFRARED REMOTE SENSING OF AIR POLLUTANTS AND FOREST FIRES ...Detectors and Sensors; Gases; Infrared Spectroscopy; Radiochemical Analysis; ...1.0742

EXTENSION OF CAPABILITY OF AUTOMATED CHROMATOGRAPHIC ANALYZER TO MEASURE ACETYLENE AND ETHYLENE ...Cars; Combustion; Gas Chromatography; Organic Compounds; ...1.0746

FIELD PERFORMANCE EVALUATION AND APPLICATION OF BENDIX OZONE MONITOR TO SMOG ATMOSPHERE IN LOS ANGELES ...Air Pollution-chemistry; California; Smog; ...1.0751

BIRMINGHAM SOILING STUDY ...Alabama; Particulate Matter - Air Poll.; Particulates - Air Pollution; ...1.0754

PROVIDE TECHNICAL ASSISTANCE TO STATE AND LOCAL AIR POLLUTION GROUPS IN THE OPERATION OF FIELD MONITORING EQUIPMENT ...Air Pollution-chemistry; Chemical Analysis -general; ...1.0755

PROVIDE TECHNICAL ASSISTANCE TO STATE AND LOCAL AGENCIES IN AIR QUALITY SURVEILLANCE ACTIVITIES ...Air Pollution -see Specifics; Air Pollution Sampling; Air Pollution-chemistry; ...1.0756

EVALUATE IMPLEMENTATION PLANS WITH RESPECT TO SELECTION OF MONITORING SYSTEMS AND SITES IN AQCR'S ...Air Pollution-chemistry; Chemical Analysis -general; ...1.0758

DEMONSTRATION AND TRAINING ON CONTINUOUS AIR SAMPLING INSTRUMENTS ...Air Pollution Sampling; Atmosphere Composition; Training Grants, Fellowships; ...1.0759

EEI-PHS STUDY ON REMOTE SENSING OF PARTICULATE EMISSIONS FROM POWER PLANT PLUMES--EVALUATION OF PLUME-LIDAR MONITORING SYSTEM (ABBREV) ...Lasers - Masers; Lasers and Masers; Particulates and Aerosols; Scattering; Weather Radar; ...1.0766

FIELD APPLICATION OF DIRECT LASER BACKSCATTER FROM PLUME PARTICULATE FOR DEVELOPING DESIGN & PERFORMANCE CRITERIA FOR FIELD INSTRUMENT (ABBREV) ...Backscatter; Lasers and Masers; Particulates - Air Pollution; Particulates and Aerosols; Power Plants; Weather Radar; ...1.0767

LABORATORY SUPPORT TO AIR MONITORING OPERATIONS ...Air Pollution-chemistry; Analytical Instruments; ...1.0775

TECHNICAL SUPPORT TO FEDERAL FACILITIES - SOURCE SAMPLE ANALYSIS - AIR MONITORING - AND VEGETATION EFFECTS ...Air Pollution -see Specifics; Air Pollution Sampling; Air Pollution-chemistry; Chemical Analysis -general; Monitoring; ...1.0776

MONITOR 1) CO-CH4 BY GC, 2) O3 BY CHEMILUMINESCENCE, 3) H2S BY ELECTROLYTIC DETECTORS, & 4) PARTICULATES BY SPOT EVALUATORS (ABBREV) ...Air Pollution Sampling; Air Pollution-chemistry; Particulates - Air Pollution; ...1.0782

OPERATE A NETWORK OF CONTINUOUS MONITORING RESEARCH STATIONS (CAMP) ...Air Pollution; Automatic Weather Stations; Cars; Combustion; Combustion Air Pollution-gen; Fuels; Lead; ...1.0783

PERFORM INTERNATIONAL STUDIES IN SELECTED NATO COUNTRIES TO ASSESS ATMOSPHERIC POLLUTANT CONCENTRATIONS AND EMISSIONS ...Atmospheric Dynamics; Gases; Turkey; Weather Forecasting; ...1.0786

CONTACT MONITORING OF INSTRUMENTATION DEVELOPMENTS FOR MOBILE SOURCES ...Air Pollution-chemistry; Combustion; Combustio ...ir Pollution-gen; Gases; Mass Spectroscopy; Organic Compo ... 1.0794

OPERATE PORTABLE AND MOBILE METEOROLOGICAL EQUIPMENT IN POTENTIAL EPISODE SITUATIONS .. Air Pollution; Atmosphere Composition; Weather Data; ...1.0798

DEVELOP EPISODE AIR MONITORING CAPABILITY ...Atmosphere Composition; Atmospheric Dynamics; Weather Data; ...1.0802

INSTRUMENT DEVELOPMENT AND EVALUATION FOR PARTICULATES ...Monitoring Devices; Particulates - Air Pollution; Respiratory Irritants, Inhaled; ...1.0803

DEVELOP TECHNIQUES FOR STORING CHEMICAL INFORMATION PROPORTIONAL TO 24-HOUR AVERAGE CONCENTRATIONS OF SO2 AND NOX ...Absorption - Chemistry; Air Pollution-chemistry; Gases; Nitrogen and Nitrogen Cpds.; ...1.0805

COMPLETE A REPORT ON INDOOR-OUTDOOR AIR QUALITY FOR SOX - TSP AND OTHER AIR POLLUTANTS ...Air Pollution -see Specifics; Analytical Instruments; Particulates - Air Pollution; Sulfur Dioxide; Sulfur Dioxide Removal, Urban Environment; Urban Research -general; ...1.0810

FIELD INVESTIGATION IN A NEW ABATEMENT CASE ...Air Pollution Effects; Air Pollution-chemistry; Meetings; ...1.0826

AQCR ASSISTANCE - AIR QUALITY DATA ...Air Pollution -see Specifics; Data Reduction and Analysis; ...1.0827

AIR MONITORING INSTRUMENT LOAN AND CONSULTATION TO ESTABLISH DATA BASE IN AQAR'S ...Air Pollution-chemistry; Fuels; Nitrogen and Nitrogen Cpds.; Oxidation; Particulates - Air Pollution; ...1.0828

IMPLEMENTATION OF A LASER AS AN AIR POLLUTION PROBE ...Air Pollution -see Specifics; Lasers and Masers; ...1.0841

AIR POLLUTION FROM MINING, PROCESSING, AND UTILIZATION OF MINERALS AND FUELS ...Combustion Air Pollution-gen; Mineral Processing Industry; Monitoring; Nitrogen and Nitrogen Cpds.; Remote Sensing; ...1.0842

FIELD EVALUATION OF METHODS RECOMMENDED FOR COLLABORATIVE TESTING AND ADOPTION AS STANDARDS FOR AIR POLLUTION MEASUREMENTS ...Air Pollution-chemistry; Chemical Analysis -general; ...1.0844

ATMOSPHERIC POLLUTION BY DIESEL ENGINES ...Combustion; Diesel Equipment; Engines; Smoke; ...1.0850

AIR POLLUTION SENSING ...Air Pollution-chemistry; Aircraft Remote Sensing; Detectors and Sensors; Gases; Infrared Radiation; Spacecraft Sensory Devices; Urban Research -general; ...1.0851

INFLUENCE OF AEROSOL CHARACTERISTICS ON VISIBILITY ...Aerosols; Chemical Composition; Optical Properties; Visibility; ...1.0856

AN INTEGRATED SYSTEM FOR SAMPLING STACK EMISSIONS ...Air Pollution Analysis; Air Pollution Sampling; Combustion; Combustion Air Pollution-gen; Dust; Fluid Mechanics; Furnace and Incinerator Design; ...1.0858

SATELLITE PLATFORM ...Air Pollution; Satellites -see Remote Sensing; ...1.0859

STATISTICAL METHODS IN AEROSOL STUDIES ...Aerosols; Air Pollution Analysis; Air Pollution-chemistry; Coalescence; Literature Search; Stochastic Processes; ...1.0878

ATMOSPHERIC DIFFUSION OF RADON ...Atmospheric Dynamics; Diffusion; Soil Conditions; Tracers; Urban Research -general; Wind; ...1.0910

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Precipitation Gages, Radiotracers -see Tracers; Tracers; ...2.0133

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

BAY WATCH ...Bays; Forecasting - Prediction; Marine Pollution; Physical Models; Water Quality Control -general; ...2.0772

GEOCHEMICAL OCEAN SECTION STUDY ...Activation Analysis; Chemical Composition; Gamma Spectroscopy; Marine Geology; Radioactive Isotopes; Radioactivity; Sea Water Chemistry; Trace Analysis; ...2.0844

CHARACTERISTICS OF URANIUM MINE ATMOSPHERES ...Aerosols; Mine Atmosphere Conditions; Particulates - Air Pollution; Radioactivity; Uranium; ...5.0875

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution Effects; Energy Conversion; Environmental Hazards; Occupational Hazards; Radiation Instruments; Radioactive Isotopes; Radiologic Health; ...5.0877

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Aerosols; Balloons; Electrical Phenomena; Gamma Radiation; Mineral Processing Industry; Radiation -terrestrial; Radioactivity; Uranium; ...5.0879

WORLD ELECTRONIC INDUSTRIES ...Consumption; Economic Projections- Forecast; Electronics Engineering; Instrument Services; Meteorologic Instruments -gen.; Noise -see Noise; Supply; ...6.0071

Air Pollution Sampling

ATMOSPHERIC RADIOCHEMISTRY ...Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Nuclear Detonations; Radioactive Fallout; Radiotracers -see Tracers; Snow; Troposphere; ...1.0002

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols, Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0018

METEOROLOGY FOR RADIOACTIVITY ...Carbon; Contamination - Water; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Seismology; Strontium; ...1.0025

STUDY TO DETERMINE THE FATE OF CO IN THE ATMOSPHERE ...Air Pollution-chemistry; Gases; Isotope Tracer - see Tracers; ...1.0048

THE USE OF LEAD-210 TO TRACE TRANSPORT PROCESSES IN THE FREE ATMOSPHERE ...Advection; Lead; Mass Transport; Radioactive Fallout; Stratosphere; Tracers; ...1.0089

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Atmospheric Dynamics; Energy Conversion; Gases; Mathematical Analysis; Particulates - Air Pollution; Smoke; Turbulence; ...1.0091

CHARACTERISTICS OF PARTICULATE EMISSIONS IN AUTO EXHAUSTS - DESIGN AND TEST SIMPLIFIED SAMPLING SCHEME ...Air Pollution Analysis; Air Pollution-chemistry; Cars; Combustion; Particulates - Air Pollution; ...1.0097

EVALUATION OF CONTRIBUTIONS OF VEHICULAR EXHAUST AND OTHER SOURCES TO ATMOSPHERIC LOADINGS OF POLLUTANTS IN THE N.Y.C. - N.J. AREA ...Atmospheric Dynamics; Combustion; New Jersey; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0099

ENGINEERING STUDIES RELATED TO THE TECHNIQUES AND INSTRUMENTATION USED FOR FUEL AND FUEL ADDITIVE EVALUATIONS ...Air Pollution Monitoring; Air Pollution-chemistry; Chemical Analysis -general; Combustion; Fuels; Meteorological Studies; Nitrogen and Nitrogen Cpds.; ...1.0100

COMPLETE THE ENGLAND SMOKESHADE - U.S. PARTICULATE COMPARISON STUDY ...Air Pollution -see Specifics; British Isles; Mathematical Analysis; Particulates - Air Pollution; Statistics; ...1.0101

EMISSION FROM THE PHOSPHATE FERTILIZER INDUSTRY - ANALYSIS OF SAMPLES ...Air Pollution-chemistry; Chemical Industry; Fertilizer Industry; Gases; Particulates - Air Pollution; Product Development Research; Scrubbers; ...1.0110

EMISSIONS FROM THE PULP AND PAPER INDUSTRY - ANALYSIS OF SAMPLES ...Chemical Analysis -general; Gases; Noise -see Noise; Odor; Pulp and Paper; Pulp and Paper Wastes; ...1.0111

SOURCE TESTS OF PULP AND PAPER MILLS ...Gas Chromatography; Noise -see Noise; Particulates - Air Pollution; Pulp and Paper Wastes; ...1.0112

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII ...Activation Analysis; Air Pollution; Antarctica; Atomic Absorption; Lead; Pacific Ocean; Trace Analysis; ...1.0138

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN BIRMINGHAM, ALABAMA. ...Air Pollution -see Specifics; Air Pollution Monitoring; Alabama; Urban Environment; Urban Research -general; ...1.0168

CONTINUE QUANTITATIVE STUDIES OF RAGWEED POLLEN IN SARATOGA SPRINGS, NEW YORK IN RELATION TO DIURNAL VARIATIONS, LOCATION AND OTHER CONDITIONS ...Atmospheric Dynamics; Diel, Diurnal Distribution; Humidity - Water Vapor; Pollen -see Pollen; Temperature - Air; ...1.0256

RELATIONSHIP OF AIR POLLUTION TO HARDWOOD FORESTS OF THE NORTHEASTERN UNITED STATES ...Air Pollution -see Specifics; Deciduous Forests; Forest Pathology; Plant Pathology - Env. Relat.; Temperature - Air; ...1.0412

DESIGN DETAILED PERFORMANCE SPECIFICATIONS FOR THE DIFFERENT TYPES OF AIR QUALITY SURVEILLANCE NETWORKS ...Air Pollution Monitoring; Automatic Weather Stations; Surveillance, Electronic; ...1.0489

LABORATORY SUPPORT IN THE ENFORCEMENT OF IMPLEMENTATION PLANS ...Air Pollution Monitoring; ...1.0507

AIR CLEANING ...Aerosols; Air Cleaning Devices; Air Pollution-chemistry; Electrostatic Precipitators; Filters; Filtration; Particulates - Air Pollution; ...1.0544

HIGH ALTITUDE BALLOON SAMPLING PROGRAM (PROJECT HIBAL) ...Atmospheric Structure; Australia; Fallout -see Radioactive; Radioactive Fallout; Stratosphere; ...1.0668

THE APPLICATION OF THE DIFFRACTION SIZE FREQUENCY ANALYSER TO THE ASSESSMENT OF DUST HAZARDS IN CANADIAN INDUSTRY ...Canada; Dust; Occupational Hazards; Particulates - Air Pollution; ...1.0681

CONSULTATION AND ADVISORY SERVICES FOR ROCKET-BORNE CRYOGENIC WHOLE AIR SAMPLER ...Analytical Instruments; Consultants, Advisory Services; Heat Transmission; Temperature Effects; ...1.0684

MIXING DEPTH ...Air Masses; Aircraft; Atmospheric Dynamics; Synoptic Weather Observations; ...1.0693

TRANSPORT, DEPOSITION, AND METEOROLOGICAL STUDIES OF NUCLEAR DEBRIS IN THE ATMOSPHERE ...Atmospheric Dynamics; Atmospheric Structure; Circulation - Patterns; Fission Products-see Radioact.; Radioactivity; Stratosphere; Troposphere; ...1.0713

DEVELOPMENT OF PARTICULATE EMISSION PROCEDURE ...Air Pollution; Cars; Combustion; Particulates - Air Pollution; ...1.0727

STUDY THE LEVELS OF POLYCYCLIC HYDROCARBONS IN AN URBAN ATMOSPHERE ...Aerosols; Air Pollution -see Specifics; Air Pollution-chemistry; Organic Compounds; Urban Environment; Weather Data; ...1.0730

RADIONUCLIDES IN STRATOSPHERIC AIR ...Atmospheric Dynamics; Fallout -see Radioactive; Radioactive Fallout; Radioactivity, Radioactivity, Natural; Stratosphere; ...1.0744

RADIOACTIVITY AND TRACE ELEMENTS IN SURFACE AIR ...Antarctica; Atmospheric Dynamics; Hawaii; Lead; Radioactivity; ...1.0745

PREPARE AND PUBLISH ANALYTICAL REPORTS ON AEROMETRIC DATA ...Cybernetics; Data Reduction and Analysis; Sampling; Statistics; ...1.0748

PROVIDE TECHNICAL ASSISTANCE TO STATE AND LOCAL AGENCIES IN AIR QUALITY SURVEILLANCE ACTIVITIES ...Air Pollution -see Specifics; Air Pollution Monitoring; Air Pollution-chemistry; ...1.0756

MONITOR STATE, REGIONAL, AND LOCAL PARTICULATE SURVEILLANCE SYSTEMS ...Air Pollution -see Specifics; Automatic Weather Stations; Particulates - Air Pollution; ...1.0757

DEMONSTRATION AND TRAINING ON CONTINUOUS AIR SAMPLING INSTRUMENTS ...Air Pollution Monitoring; Atmosphere Composition; Training Grants, Fellowships; ...1.0759

OPERATE NATIONAL PARTICULATE NETWORK AT AN INCREASED SAMPLING FREQUENCY ...Air Pollution -see Specifics; Automatic Weather Stations; Particulates - Air Pollution; ...1.0770

OPERATE A SPECIAL PARTICULATE NETWORK UTILIZING MEMBRANE FILTER SAMPLERS ...Air Pollution -see Specifics; Air Pollution-chemistry; Asbestos; Automatic Weather Stations; Membranes; Particulates - Air Pollution; Trace Elements; ...1.0771

OPERATE A NATIONAL GLASS-FIBER PARTICULATE NETWORK ...Air Pollution -see Specifics; Particulates - Air Pollution; Urban Research -general; ...1.0773

TECHNICAL SUPPORT TO FEDERAL FACILITIES - SOURCE SAMPLE ANALYSIS - AIR MONITORING - AND VEGETATION EFFECTS ...Air Pollution -see Specifics; Air Pollution Monitoring; Air Pollution-chemistry; Chemical Analysis -general; Monitoring; ...1.0776

MONITOR 1) CO-CH4 BY GC, 2) O3 BY CHEMILUMINESCENCE, 3) H2S BY ELECTROLYTIC DETECTORS, & 4) PARTICULATES BY SPOT EVALUATORS (ABBREV) ...Air Pollution Monitoring; Air Pollution-chemistry; Particulates - Air Pollution; ...1.0782

PERFORM INTERNATIONAL STUDIES IN SELECTED NATO COUNTRIES TO ASSESS ATMOSPHERIC POLLUTANT CONCENTRATIONS AND EMISSIONS ...Air Pollution Monitoring; Atmospheric Dynamics; Gases; Turkey; Weather Forecasting; ...1.0786

SAMPLING OF SO2 CONCENTRATIONS AND RELATED METEOROLOGY ...Aircraft; Atmospheric Dynamics; Data Acquisition; Power Plants; Tracers; ...1.0787

DEVELOP TECHNIQUES FOR STORING CHEMICAL INFORMATION PROPORTIONAL TO 24-HOUR AVERAGE CONCENTRATIONS OF SO2 AND NOX ...Absorption - Chemistry; Air Pollution Monitoring; Air Pollution-chemistry; Gases; Nitrogen and Nitrogen Cpds.; ...1.0805

ANALYZE SAMPLES OBTAINED FROM THE COOPERATIVE STUDY CONDUCTED IN ENGLAND ...Air Pollution-chemistry; British Isles; Combustion; Particulates - Air Pollution; Trace Elements; ...1.0814

OPERATE A SPECIAL NETWORK FOR THE COLLECTION OF ARSENIC AND SELENIUM ...Air Pollution; Arsenic; Chemical Composition; Mercury; ...1.0815

OPERATE A NATIONAL NETWORK FOR SAMPLING GASEOUS POLLUTANTS AT AN INCREASED FREQUENCY ...Automatic Weather Stations; Chlorine; Gases; Mercury; ...1.0816

ANALYZE COLLECTED PARTICULATE POLLUTANT FOR SOLUBLE NON-METAL IONS ...Air Pollution-chemistry; Chemical Analysis -general; Particulates - Air Pollution; ...1.0817

PROVIDE ANALYTICAL SERVICES TO REGIONAL, STATE, LOCAL & OTHER FEDERAL AGENCIES, TO OTHER NAPCA PROGRAMS & OTHER APPROPRIATE ORGANIZATIONS ...Air Pollution -see Specifics; Air Pollution Analysis; ...1.0822

WEIGH AND COMPUTE CONCENTRATION OF SUSPENDED PARTICULATE MATTER IN SAMPLES COLLECTED BY THE NASN ...Air Pollution Analysis; Air Pollution-chemistry; Filtration; Membranes; Temperature; ...1.0824

ANALYZE SAMPLES COLLECTED FROM AMBIENT AIR FOR TOTAL MERCURY ...Absorption - Chemistry; Air Pollution Analysis; Air Pollution-chemistry; Chemical Analysis -general; Mercury; ...1.0831

EVALUATION OF A NEW 'CRYOGENIC SAMPLER' FOR FIELD USE ...Air Pollution Analysis; Air Pollution-chemistry; Analytical Instruments; Concentration; Freeze Drying; Temperature Effects; Trace Analysis; ...1.0854

AN INTEGRATED SYSTEM FOR SAMPLING STACK EMISSIONS ...Air Pollution Analysis; Air Pollution Monitoring; Combustion; Combustion Air Pollution-gen; Dust; Fluid Mechanics; Furnace and Incinerator Design; ...1.0858

CONDENSATION NUCLEI AND AEROSOL POPULATIONS RELATED TO FOG FORMATION ...Aerosols; Air Pollution Analysis; California; Fog - Mist Dissipation; Meteorological Condensation; Nucleation Physics; ...1.0867

CHEMICAL AND SPECTROSCOPIC INVESTIGATION OF AIR POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Detectors and Sensors; Light Visible Specroscopy; Ultraviolet Spectroscopy; ...1.0868

MEASURE AND COMPARE REACTIVITIES AND COMPOSITION OF AIR PARCELS FROM BAYONNE, LINDEN, WILLOWBROOK, AND BRONX (ABBREV) ...Constants; New Jersey; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0903

ATMOSPHERIC CHEMISTRY ...Activation Analysis; Atmospheric Dynamics; Illinois; Precipitation Instruments; Snow; ...2.0122

ANALYZE PRECIPITATION SAMPLES FOR SELECTED COMPONENTS ...Air Pollution-chemistry; Atmospheric Dynamics; Chemical Analysis -general; Precipitation; ...2.0289

MICROFLORA IN THE SURROUNDINGS OF REACTORS, IRRADIATION PLANTS, & OTHER AREAS WITH A HIGH LEVEL OF IRRADIATION OVER A LONG DURATION (ABBREV) ...Impact on Environment; Microorganisms; Microorganisms -nonspecific; Nuclear Reactors; Radiation; Radiation Sensitivity -mun; Radiation Sources -general; ...5.0026

PRECIPITATION, AIR TEMPERATURES, SOIL MOISTURE, & GAMMA RADIATION, IN 68 MOJAVE & GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, 1962-70 (ABBREV) ...Nevada; Population Dynamics -general; Precipitation Amount; Radioactive Pollution -ns; Soil Moisture; Temperature; ...5.0787

TRITIATED HYDROGEN IN THE ATMOSPHERE - OF A NEW ULTRA-SENSITIVE TECHNIQUE FOR ENVIRONMENTAL SAMPLING IN NATURE AND INDUSTRY (ABBREV.) ...Adsorption; Air Pollution-chemistry; Atmospheric Dynamics; Catalysis, Heterogeneous; Combustion; Detectors and Sensors; Industrial Wastes; Radioactivity; ...5.0813

ANALYTICAL INSTRUMENTATION FOR MEASUREMENT OF ENVIRONMENTAL SAMPLES ...Analytical Instruments; Radiation Shielding; Radioactive Isotopes; Radioactivity; Scintillation Counting; ...5.0878

OPERATE A RADIATION ALERT NETWORK ...Automatic Weather Stations; Beta Particles; Instrumentation; Radioactivity; Radiologic Health; ...5.0906

Airplanes

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution; Circulation - Patterns; Forecasting - Prediction; Mesometeorology; Prediction; Statistics; Urban Environment; Weather Modification; ...1.0022

CRC AIRCRAFT EXHAUST STUDY GROUP ...Air Pollution-chemistry; ...1.0084

DATA PROCESSING - FEDERAL INSTALLATIONS ...Air Pollution; Data Reduction and Analysis; Facilities; Ships; ...1.0516

LIDAR MEASUREMENT OF BACKSCATTER COEFFICIENT RELATED TO INFRARED EMISSIVITY OF CLOUDS ...Bomex; Cirrus; Clouds; Infrared Radiation; Weather Radar; ...1.0674

DISTRIBUTION OF NITRIC ACID IN THE STRATOSPHERE ...Balloons; Chemical Analysis -general; Spectrographic Techniques; Stratosphere; ...1.0688

THEORETICAL ACOUSTICS ...Acoustics; Atlantic Ocean; Noise; Ocean Meteorological Studies; Sound Attenuation Acoustics; Turbulence; ...6.0005

EFFECTS OF AIR FORCE NOISES ON POPULATIONS SURROUNDING AIR BASES ...Noise; Noise -see Noise; Psychology; Sensory & Perceptual Processes; ...6.0100

Atmospheric Dynamics

ATMOSPHERIC DIFFUSION OF TOXIC PROPELLANT BY-PRODUCTS ...Air Pollution; Forecasting; Gases; Model Studies; Particulates - Air Pollution; ...1.0001

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Nuclear Detonations; Radioactive Fallout; Radiotracers -see Tracers; Snow; Troposphere; ...1.0002

NUMERICAL MODEL OF THE URBAN ATMOSPHERE ...Advection; California; Humidity - Water Vapor; Mesometeorology; Rural Areas; Urban Environment; ...1.0007

DIFFUSION AND DISPOSAL OF AIR POLLUTION ...Air Pollution; California; Mathematical Models; Urban Research -general; ...1.0010

LIDAR OBSERVATIONS OF LOWER TROPOSPHERIC AEROSOL DISTRIBUTIONS DURING BOMEX ...Aerosols; Condensation Physics; Electronic Detection, Tracking; Heat and Radiation Transfer; Inversion; Particulates - Air Pollution; ...1.0011

LIDAR STUDY ...Lasers and Masers; Particulates - Air Pollution; Particulates and Aerosols; Pennsylvania; Power Plants; Weather Radar; ...1.0012

STUDIES OF NATURAL AND POLLUTANT SOURCES OF CARBON MONOXIDE ...Air Pollution Monitoring; Air Pollution-chemistry; Aircraft; Combustion Air Pollution-gen; Gases; Geochemical Investigations; ...1.0013

DYNAMICAL MECHANISMS PRODUCING LARGE-SCALE ATMOSPHERIC TRANSPORT OF TRACE SUBSTANCES ...Diffusion; Mass Transport; Stratosphere; Upper Atmospheric Sounding; ...1.0014

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution Monitoring; Air Pollution-chemistry; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0018

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring; Diffusion; Model Studies; Nevada; Precipitation Forecasting; Radioactive Fallout; Seismology; Weather Forecasting; ...1.0021

METEOROLOGY FOR URBAN AID POLLUTION ...Air Pollution-chemistry; Applied Climatology; California; Gases; Oxidants; Urban Research -general; ...1.0023

METEOROLOGY FOR URBAN AIR POLLUTION RESEARCH ...Air Pollution Effects; Diffusion; Particulates - Air Pollution; Urban Research -general; Weather Radar; ...1.0026

METEOROLOGY FOR NUCLEAR REACTORS ...Automatic Weather Stations; Fluid Mechanics; Ohio; Radioactivity; Urban Research -general; ...1.0027

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Coal Research; Energy Conversion; Heating Units; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers, Wind Tunnels; ...1.0031

THE ROLE OF THE GENERAL CIRCULATION OF THE ATMOSPHERE IN RADIOACTIVE DEBRIS TRANSPORT ...Air Motion; Bibliography; Fallout -see Radioactive; Mass Transport; Radioactivity; Tropopause; Upper Atmospheric Circulation; ...1.0032

CONTINENTAL AEROSOLS IN THE MARINE ATMOSPHERE ...Aerosols; British West Indies; Cape Verde Islands; Energy Conversion; Particulates - Air Pollution; Tracers; ...1.0041

CONTUNUOUS MEASUREMENTS OF AIRBORNE AND PRECIPITATION RADIOACTIVITY AND METEOROLOGICAL APPLICATION ...Fallout -see Radioactive; Nuclear Detonations; Radioactive Fallout; Scintillation Counting; Spectrographic Techniques; Tracers; Troposphere; ...1.0044

AIR-SPORA IN HAWAII ...Air Pollution -see Specifics; Fungi -nonspecific; Humidity - Water Vapor; Organic Compounds; Plant Pathogenetic Fungi; Pollens -see Air Pollution; Tropical Regions; Wind; ...1.0045

INTERDISCIPLINARY STUDY OF ENVIRONMENTAL POLLUTION BY LEAD ...Cars; Environmental Hazards; Lead; Water Pollutants - Path of; ...1.0052

PARTICLE DYNAMICS ...Diffusion; Engines; Missiles; Photography; Simulation Theory; ...1.0068

PARTICULATE POLLUTANT SYSTEM STUDY - MODIFICATION AND EXTENSION ...Air Pollution Analysis; Air Pollution-chemistry; Combustion; Forecasting - Prediction; Gases; Particulates - Air Pollution; ...1.0069

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Chemical Composition; Core Analysis; Energy Conversion; Glaciology; Ion Exchange; Particulates - Air Pollution; Technology - Social Impact; ...1.0073

ARAP MODEL ...Mathematical Models; Model Studies; ...1.0077

TRAVELS OF AIRBORNE POLLEN ...Air Pollution; Air Pollution -see Specifics; Engineering Sources-other; Mathematical Models; Pollen -see Pollen, Range Or Territorial Distr.; Urban Environment; ...1.0079

STUDY BY CONTRACT THE INDOOR-OUTDOOR POLLUTION RELATIONSHIPS AT AN AIR-RIGHTS STRUCTURE AND A CANYON TYPE STRUCTURE ...Air Pollution-chemistry; Cars; Combustion; Engines; Lead; Particulates - Air Pollution; Urban Research -general; ...1.0090

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Air Pollution Sampling; Energy Conversion; Gases; Mathematical Analysis; Particulates - Air Pollution; Smoke; Turbulence; ...1.0091

SULFUR DIOXIDE DECAY ...Air Pollution-chemistry; Combustion; Diffusion; Power Plants; ...1.0092

EVALUATION OF CONTRIBUTIONS OF VEHICULAR EXHAUST AND OTHER SOURCES TO ATMOSPHERIC LOADINGS OF POLLUTANTS IN THE N.Y.C. - N.J. AREA ...Air Pollution Sampling; Combustion; New Jersey; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0099

DATA ANALYSIS OF LAPPES ...Climatology; Energy Conversion; Gases; Power Plants; ...1.0104

DEVELOPING TIME-CONCENTRATION MATHEMATICAL MODEL FOR VARIOUS POLLUTANTS ...Distributions; Mathematical Models; ...1.0107

DEVELOP ATMOSPHERIC MODELS ...Air Pollution; Air Pollution -see Specifics; Model Studies; ...1.0109

MODELLING POLLUTANT CONCENTRATIONS ...Air Pollution; Mathematical Models; Model Studies; Weather Forecasting; Wind; ...1.0136

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE ...Activation Analysis; Bromine; Chlorine; Iodine; New Zealand; Trace Elements; Urban Research -general; ...1.0137

NUMERICAL STUDIES OF TURBULENT FLOW ...Energy Conversion; Meteorologic Instruments -gen.; Model Studies; Particulates - Air Pollution; Radioactive Isotopes; Radioactivity; Wind; ...1.0144

AIR POLLUTION IN TOPOGRAPHICAL DEPRESSIONS ...Convection; Inversion; Model Studies; ...1.0155

FALLOUT PHENOMENOLOGY ...Fallout -see Radioactive; Heat Balance - Budget; Mesometeorology; Nuclear Detonations; Radioactive Fallout; Tracers; Wind; ...1.0158

ATMOSPHERIC DIFFUSION, DEPOSITION, AND TRANSPORT PHENOMENA ...Energy Conversion; Particulates - Air Pollution; Radioactivity; Turbulence; ...1.0159

FLAME RETARDANTS AND AIR POLLUTION FROM SLASH BURNING ...Air Pollution-chemistry; Combustion Air Pollution-gen; Fire Research -see Forest Fire; Forest Fires -see Fire; Smoke; Smoke -see Air Pollution; ...1.0161

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD ...Environment Accumulation Rates; Environmental Hazards; Lead; Mercury; Pesticides -nonspecific; Seismology; Toxicology; Water Pollutants - Path of; ...1.0189

CONTINUE QUANTITATIVE STUDIES OF RAGWEED POLLEN IN SARATOGA SPRINGS, NEW YORK IN RELATION TO DIURNAL VARIATIONS, LOCATION AND OTHER CONDITIONS ...Air Pollution Sampling; Diel, Diurnal Distribution; Humidity - Water Vapor; Pollen -see Pollen; Temperature - Air; ...1.0256

WIND TUNNEL INVESTIGATION OF MICROPHYSICAL PROCESSES IN SUPERCOOLED CLOUDS ...California; Cloud Physics; Condensation Physics; Nucleation Physics; Wind Tunnels; ...1.0315

ATMOSPHERIC OZONE AND WEATHER FLECK ON FLORIDA CIGAR-WRAPPER TOBACCO ...Air Masses; Climates -general; Gases; Nicotiana; Soil Moisture; ...1.0342

EFFECT OF ATMOSPHERIC POLLUTION ON PRECIPITATION ...Air Pollution; Hail & Sleet Modification; Precipitation Amount; Rain Modification; Thunderstorms; Urban Research -general; ...1.0346

CLIMATOLOGICAL ASSESSMENT OF URBAN EFFECTS ON PRECIPITATION ...Climatology; Clouds - Precipitation; Precipitation Patterns; Urban Research -general; ...1.0347

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Atmosphere Disturbance; Cloud Temperature; Color - Brightness; Computer Models; Cumulus; Microwave Radiation; Radiation Balance -cloud; Simulation Theory; Temperature; ...1.0358

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Aerosols; Air Pollution Effects; Energy-radiation; Heat Balance - Budget; Parametric Statistics; Tectonics; Visibility; ...1.0409

RELATIONSHIP OF AIR POLLUTION TO HARDWOOD FORESTS OF THE NORTHEASTERN UNITED STATES ...Air Pollution -see Specifics; Air Pollution Sampling; Deciduous Forests; Forest Pathology; Plant Pathology - Env. Relat.; Temperature - Air; ...1.0412

INADVERTENT WEATHER MODIFICATION BY URBAN POLLUTION ...Aerosols; Air Pollution Effects; Cloud Structure; Mathematical Models; Precipitation Modification; ...1.0438

EVALUATION OF FACTORS RELATING TO THE PROPOSED DESIGNATION OF AIR QUALITY CONTROL REGIONS ...Administration and Management; Air Pollution Analysis; Government -see Federal Gov.; Model Studies; Urban Planning; Urban Research -general; ...1.0484

NATO/CCMS ...Diffusion; Turkey; Urban Research -general; ...1.0499

CLIMATOLOGY ...Applied Climatology; Diffusion; Management; Planning; Power Plants; ...1.0510

AIR POLLUTION POTENTIAL CLIMATOLOGY ...Applied Climatology; Meteorologic Instruments -gen.; Planning; Weather Data; Wind; ...1.0511

A NEW INSTRUMENT FOR KINETIC STUDIES OF AIR POLLUTION ...Air Pollution Monitoring; Air Pollution-chemistry; Analytical Instruments; Photoionization; Rate of Reaction; Trace Analysis; ...1.0672

CARBON MONOXIDE DIFFUSION MODEL ...Air Pollution Monitoring; California; Cars; Diffusion; Model Studies; Urban Research -general; ...1.0675

MIXING DEPTH ...Air Masses; Air Pollution Sampling; Aircraft; Synoptic Weather Observations; ...1.0695

A NUMERICAL MODEL OF THE SEA-BREEZE CIRCULATION ...Circulation - Patterns; Forecasting - Prediction; Mathematical Models; Temperature; Urban Research -general; Wind; ...1.0696

FIELD MEASUREMENTS OF ATMOSPHERIC TURBULENCE ...Bomex; Lake Michigan; Mathematical Models; Weather Forecasting; ...1.0699

TRANSPORT, DEPOSITION, AND METEOROLOGICAL STUDIES OF NUCLEAR DEBRIS IN THE ATMOSPHERE ...Air Pollution Sampling; Atmospheric Structure; Circulation - Patterns; Fission Products-see Radioact.; Radioactivity; Stratosphere; Troposphere; ...1.0713

NUMERICAL STUDY OF URBAN SCALE ATMOSPHERIC TRANSPORT ...Air Pollution -see Specifics; Environmental Effects - Human; Mathematical Models; Urban Environment; Urban Research -general; ...1.0714

THE CLIMATIC RESOURCES OF THE NORTH CENTRAL REGION ...Agricultural Studies -general; North Central U. S.; Radiation Sources -general; Weather Data; ...1.0734

RADIONUCLIDES IN STRATOSPHERIC AIR ...Air Pollution Sampling; Fallout -see Radioactive; Radioactive Fallout; Radioactivity; Radioactivity, Natural; Stratosphere; ...1.0744

RADIOACTIVITY AND TRACE ELEMENTS IN SURFACE AIR ...Air Pollution Sampling; Antarctica; Hawaii; Lead; Radioactivity; ...1.0745

APP-AIR QUALITY COMPARISON ...Air Pollution Analysis; Forecasting - Prediction; Model Studies; ...1.0761

PERFORM INTERNATIONAL STUDIES IN SELECTED NATO COUNTRIES TO ASSESS ATMOSPHERIC POLLUTANT CONCENTRATIONS AND EMISSIONS ...Air Pollution Monitoring; Gases; Turkey; Weather Forecasting; ...1.0786

SAMPLING OF SO2 CONCENTRATIONS AND RELATED METEOROLOGY ...Air Pollution Sampling; Aircraft; Data Acquisition; Power Plants; Tracers; ...1.0787

PROVIDE METEOROLOGICAL SUPPORT TO EMERGENCY EPISODE PLANNING ...Air Pollution; Model Studies; Weather Data; ...1.0799

DEVELOP EPISODE AIR MONITORING CAPABILITY ...Air Pollution Monitoring; Atmosphere Composition; Weather Data; ...1.0802

DETERMINE TIME-CONCENTRATION-FREQUENCY RELATIONSHIPS IN AQCR'S FOR SOX, PARTICULATES, NO, HC, CO AND OXIDANTS ...Chemical Analysis -general; Energy Conversion; Gases; Nitrogen and Nitrogen Cpds.; Oxidants; Particulates - Air Pollution; Sulfur Dioxide Removal; ...1.0813

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0837

METEOROLOGICAL TRACER TECHNIQUES - SERVICE AND METHOD IMPROVEMENT ...Gas Chromatography; Gases; Tracers; ...1.0849

SINGLET MOLECULAR OXYGEN - OXIDATION IN POLLUTED AIR ...Air Pollution -see Specifics; Detectors and Sensors, Infrared Spectroscopy; Photosensitizer; Spectrographic Techniques; ...1.0870

THE CHEMISTRY AND PHOTOCHEMISTRY OF AIR POLLUTANTS ...Air Pollution-chemistry; Photochemical Reactions; ...1.0874

STATISTICAL METHODS IN AEROSOL STUDIES ...Aerosols; Air Pollution Analysis; Air Pollution-chemistry; Coalescence; Literature Search; Stochastic Processes; ...1.0878

DIFFUSION IN TURBULENT SURFACE LAYERS ...Boundary Layer Studies; Model Studies; Turbulence; ...1.0886

ELEMENTARY REACTIONS IN PHOTOCHEMICAL SMOG ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Rate of Reaction; Smog; ...1.0907

ATMOSPHERIC DIFFUSION OF RADON ...Air Pollution Monitoring; Diffusion; Soil Conditions; Tracers; Urban Research -general; Wind; ...1.0910

COLLISIONS IN WASHOUT ...Charge on Droplets; Laboratory Photography; Rain; Rain Structure - Size; ...2.0035

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - SUBPROJECT I - DETAILED EXPLORATION OF CS-137 AND CS-133 IN THE OCEAN ...Marine Environments; Ocean Circulation -general; Pacific Ocean; Radioactivity; Sea Water Mass & Ocean Fronts; Trace Elements, ...2.0050

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

FLUXES OF HEAT, MOMENTUM AND TRACERS IN WIND AND WATER TUNNELS ...Air Pollution -see Specifics; Marine Pollution; Radioactive Fallout; Wind; ...2.0078

ATMOSPHERIC CHEMISTRY ...Activation Analysis; Air Pollution Sampling; Illinois; Precipitation Instruments; Snow; ...2.0122

SCAVENGING STUDY OF SNOW AND ICE CRYSTALS ...Charge on Droplets; Electrical Phenomena; Fallout -see Radioactive; Nucleation Physics; Rain; Rain Structure - Size; Snow Structure; ...2.0124

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Precipitation Gages; Radiotracers -see Tracers; Tracers; ...2.0133

RAIN SCAVENGING STUDIES ...Air Pollution; Atmosphere Daturbance; Cloud Physics; Diffusion; Lead; Tracers; ...2.0194

ANALYZE PRECIPITATION SAMPLES FOR SELECTED COMPONENTS ...Air Pollution Sampling; Air Pollution-chemistry; Chemical Analysis -general; Precipitation; ...2.0289

PRECIPITATION SCAVENGING ...Aerosols; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

IN-CLOUD SCAVENGING ...Adsorption Capacity; Cloud Motions - Movement; Model Studies; Radioactive Fallout; Tracers; Wind; ...2.0417

SO2 WASHOUT ...Power Plants; ...2.0421

OPERATE A NETWORK FOR THE COLLECTION OF PRECIPITATION ...Automatic Weather Stations; Precipitation; Precipitation Instruments; Soil Chemical Properties; ...2.0708

DIFFUSION AND TRANSPORT OF CONTAMINANTS IN TURBULENT SHEAR FLOW ...Air Pollution; Heat Transmission; Pressure Effects; Turbulence; Wind; Wind Tunnels; ...2.1035

METEOROLOGY FOR NUCLEAR TESTING ...Aleutian Islands; Computer Models; Forecasting - Prediction; Mississippi; Nevada; Radioactive Fallout; Solar Radiation -sunshine; Weather Forecasting; ...5.0003

STUDIES OF DEPOSITION AND REDISTRIBUTION OF DEBRIS FROM SPECIFIC NUCLEAR EVENTS ...Air Pollution Analysis; Analytical Instruments; Micrometeorology; Model Studies; Nevada; Radioactive Fallout; Radioactivity; ...5.0005

TRITIATED HYDROGEN IN THE ATMOSPHERE - OF A NEW ULTRA-SENSITIVE TECHNIQUE FOR ENVIRONMENTAL SAMPLING IN NATURE AND INDUSTRY (ABBREV.) ...Adsorption; Air Pollution-chemistry; Catalysis, Heterogeneous; Combustion; Detectors and Sensors; Industrial Wastes; Radioactivity; ...5.0813

Atomic Plants

METEOROLOGY FOR NUCLEAR REACTORS ...Atmospheric Dynamics; Automatic Weather Stations; Fluid Mechanics; Ohio; Radioactivity; Urban Research -general; ...1.0027

PROVIDE INFORMATION ON EMISSIONS FROM NUCLEAR FACILITIES ...Air Pollution Monitoring; Impact on Environment; Radioactivity; ...1.0095

APPLICATIONS OF CRYOGENIC TECHNIQUES TO PROBLEMS IN AIR POLLUTION ...Air Pollution Monitoring; Combustion; Detectors and Sensors; Gases; Nuclear Reactor; Temperature Effects; ...1.0624

ANALYZE SELECTED HI-VOL SAMPLES FOR GROSS-BETA RADIATION ...Beta Particles; Particulates - Air Pollution; Radioactive Isotopes; Radioactivity; ...5.0907

Auto Scrap Yards

AIR POLLUTION CONTROL COSTS ASSOCIATED WITH SOLID WASTE DISPOSAL ...Air Pollution-chemistry; Body; Inorganic Gases; Particulates - Air Pollution; Waste Type; ...1.0463

Biological Organisms

PRODUCTION AND DISPERSAL OF PATHOGENIC BACTERIAL AND VIRAL AEROSOLS BY AERATION OF CONTAMINATED WATERS ...Aeration (water); Aerosols; Bacteriophage; Farm Animal Wastes; Statistics; Waste Water Treatment -general; Water Pollution -see Specifics; ...1.0042

AEROBIOLOGICAL SURVEY IN THE NORTHERN ROCKY MOUNTAINS AND PLAINS ...Air Pollution -see Specifics; Contamination -see Air & Water; Montana; Pollens -see Air Pollution; Seasonal Distribution; Vertical Distribution; ...1.0070

ANALYSIS OF FLAVONOLS AND OTHER PHENOLS ...Air Pollution -see Specifics; Air Pollution-chemistry; Bioindicators; Natural Sources; Particulates - Air Pollution; Phenols; Pollens -see Air Pollution; ...1.0792

ANALYSIS OF LIPIDS IN AEROBIOLOGICAL PARTICLES ...Air Pollution -see Specifics; Air Pollution-chemistry; Industrial Pollution -general; Natural Sources; Particulates - Air Pollution; ...1.0829

MICROBIAL CONTAMINATION OF AIR NEAR OPEN WASTE TREATMENT FACILITIES ...Activated; Air Pollution -see Specifics; Bacteria -nonspecific; ...3.0172

Buses

PRODUCTS OF COMBUSTION OF DISTILLATE FUELS FOR MOTIVE POWER ...Combustion; Diesel Equipment; Fuels; Nitrogen and Nitrogen Cpds.; Odor; Trucks; ...1.0124

Cars

STUDY OF RELATIONSHIP OF ENGINE DETERIORATION TO EXHAUST EMISSIONS ...Engine; Engines; ...1.0033

CHEMICAL COMPOSITION OF POLLUTED AIR ...Air Pollution Analysis; Air Pollution-chemistry; Chemical Analysis -general; Energy Storage -general; Industrial Wastes; Rate of Reaction; Temperature; ...1.0038

INTERDISCIPLINARY STUDY OF ENVIRONMENTAL POLLUTION BY LEAD ...Atmospheric Dynamics; Environmental Hazards; Lead; Water Pollutants - Path of; ...1.0052

KINETICS OF NO AND CO FORMATION IN COMBUSTION GASES ...Air Pollution-chemistry; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Turbines; ...1.0060

STUDY BY CONTRACT THE INDOOR-OUTDOOR POLLUTION RELATIONSHIPS AT AN AIR-RIGHTS STRUCTURE AND A CANYON TYPE STRUCTURE ...Air Pollution-chemistry; Combustion; Engines; Lead; Particulates - Air Pollution; Urban Research -general; ...1.0090

CHARACTERISTICS OF PARTICULATE EMISSIONS IN AUTO EXHAUSTS - DESIGN AND TEST SIMPLIFIED SAMPLING SCHEME ...Air Pollution Analysis; Air Pollution-chemistry; Combustion; Particulates - Air Pollution; ...1.0097

EVALUATION OF CONTRIBUTIONS OF VEHICULAR EXHAUST AND OTHER SOURCES TO ATMOSPHERIC LOADINGS OF POLLUTANTS IN THE N.Y.C. - N.J. AREA ...Air Pollution Sampling; Atmospheric Dynamics; Combustion; New Jersey; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0099

DEVELOP AND MAINTAIN AN INFORMATION SYSTEM ON NATION-WIDE EMISSIONS FROM GASOLINE FUEL ADDITIVES ...Air Pollution Analysis; Air Pollution-chemistry; Combustion; Fuels; Gases; ...1.0106

EVALUATE FEASIBILITY AND NATURE OF A POSSIBLE PARTICULATE STANDARD FOR MOTOR VEHICLES ...Air Pollution; Fuels; Lead; Particulates - Air Pollution; Visibility; ...1.0108

EXPERIMENTAL METHODS FOR DETERMINING OXYGENATES IN AUTOMOTIVE EXHAUST ...Combustion; Fuels; Gas Chromatography; ...1.0126

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD ...Atmospheric Dynamics; Environment Accumulation Rates; Environmental Hazards; Lead; Mercury; Pesticides -nonspecific; Seismology; Toxicology; Water Pollutants - Path of; ...1.0189

GEOCHEMICAL EXPLORATION TECHNIQUES IN ALPINE AND SUBALPINE ENVIRONMENTS ...Geochemical Investigations; Geological Exploration; Geophysical Analysis; Mining Industry; Ore Deposits; Rock - Soil Pollution; Water Pollution Effects; ...1.0330

EFFECTS OF AUTO EXHAUST ON ROADSIDE MAMMAL POPULATIONS ...Air Pollution -see Specifics; Animal Behavioral Ecology; Cricetidae -other; Environmental Physiology; Population Dynamics -general; ...1.0361

RELATIONSHIP OF LEAD IN THE AIR, SOIL AND PLANTS TO PROXIMITY TO HIGHWAY TRAFFIC ...Absorption (incl. Adsorption); Air Pollution -see Specifics; Lead; Roads & Highways - see Highways; Soil Aeration; Soil Chemical Properties; Wind -see Air Motion; ...1.0368

LEGISLATION AND REGULATIONS - AQCR PLANS ...Administration and Management; Air Cleaning Devices; Exhaust, Combustion -see Auto; Government -see Federal Gov.; Legal Studies-general; ...1.0527

CONTROL OF PARTICULATE EMISSIONS FROM GASOLINE ENGINES ...Air Cleaning Devices; Combustion; Engine; Fluidized Bed Reactor; Particulates - Air Pollution; ...1.0552

EVALUATION OF EMISSION CONTROL SYSTEMS FOR NEW VEHICLE ...Air Pollution; Air Pollution-chemistry; Combustion; ...1.0575

LOW EMISSION ULTRABAN PISTON ...Engine; Engines; ...1.0577

COMPLETE EVALUATION OF STANDARDS FOR MOTOR VEHICLE FUEL COMPOSITION (INCLUDING ADDITIVES) ...Air Pollution-chemistry; Combustion; Constants; Fuels; ...1.0615

CARBON MONOXIDE DIFFUSION MODEL ...Air Pollution Monitoring; Atmospheric Dynamics; California; Diffusion; Model Studies; Urban Research -general; ...1.0675

SPREADING OF LEAD IN RURAL AREAS ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Food Contamination; Lead; Rural Areas; Toxic Substances; Water Pollutants - Path of; X-ray Spectroscopy; ...1.0703

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution Control Systems; Air Pollution-chemistry; Chemical Analysis - general; Combustion; Energy Conversion; Engines; Inorganic Gases; Radiometric Analysis; ...1.0721

ADAPTATION OF OXIDES OF NITROGEN ANALYTICAL METHOD TO LIGHT DUTY VEHICLE EXHAUST EMISSION PROCEDURE ...Air Pollution; Air Pollution Analysis; Chemical Analysis -general; Combustion; Gases; Nitrogen and Nitrogen Cpds.; ...1.0726

DEVELOPMENT OF PARTICULATE EMISSION PROCEDURE ...Air Pollution; Air Pollution Sampling; Combustion; Particulates - Air Pollution; ...1.0727

MONITOR LIGHT DUTY MOTOR VEHICLE EXHAUST EMISSIONS INSPECTION GRANT PROGRAMS ...Data Reduction and Analysis; Engine; Engines; ...1.0740

EXTENSION OF CAPABILITY OF AUTOMATED CHROMATOGRAPHIC ANALYZER TO MEASURE ACETYLENE AND ETHYLENE ...Air Pollution Monitoring; Combustion; Gas Chromatography; Organic Compounds; ...1.0746

OPERATE A NETWORK OF CONTINUOUS MONITORING RESEARCH STATIONS (CAMP) ...Air Pollution; Air Pollution Monitoring; Automatic Weather Stations; Combustion; Combustion Air Pollution-gen; Fuels; Lead; ...1.0783

Chemical Industry

EMISSION FROM THE PHOSPHATE FERTILIZER INDUSTRY - ANALYSIS OF SAMPLES ...Air Pollution Sampling; Air Pollution-chemistry; Fertilizer Industry; Gases; Particulates - Air Pollution; Product Development Research; Scrubbers; ...1.0110

AN EMISSION AND CONTROL COST STUDY OF THE REACTIVE METALS INDUSTRY ...Air Pollution; Air Pollution-chemistry; Economic Geology -general; Industry; Management; ...1.0450

Combustion Air Pollution-gen

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Air Pollution-chemistry; Combustion; Effects; Mechanism Determination; Oxidants; Photochemical Reactions; Solar Radiation - sunshine; ...1.0006

STUDIES OF NATURAL AND POLLUTANT SOURCES OF CARBON MONOXIDE ...Air Pollution Monitoring, Air Pollution-chemistry; Aircraft; Atmospheric Dynamics; Gases; Geochemical Investigations; ...1.0013

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Gases; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics; ...1.0061

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Air Pollution Sampling; Atmospheric Dynamics; Energy Conversion; Gases; Mathematical Analysis; Particulates - Air Pollution; Smoke; Turbulence; ...1.0091

COMPOSITION AND DISTRIBUTION OF FOREST FIRE SMOKE ...Abies; Air Pollution -see Specifics; Chemical Analysis -general; Fire Research -see Forest Fire; Larix; Mathematical Models; ...1.0156

FLAME RETARDANTS AND AIR POLLUTION FROM SLASH BURNING ...Air Pollution-chemistry; Atmospheric Dynamics; Fire Research -see Forest Fire; Forest Fires -see Fire; Smoke; Smoke -see Air Pollution; ...1.0161

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Acoustic Instrumentation; Alaska; Boundary Layer Studies; Ice Fog; Sound Attenuation Acoustics; Urban Research -general; ...1.0307

THE SOCIAL AND ECONOMIC IMPACT OF THE SUBSTITUTION OF LOW SULFUR COAL FOR HIGH SULFUR COAL - A PILOT STUDY OF MONONGALIA COUNTY, W. VA. ...Coal; Economic Geology -general; Extractive Natural Resources; Legal Studies-general; Regional Economics; West Virginia; ...1.0445

REDUCTION OF ATMOSPHERIC POLLUTION BY THE APPLICATION OF FLUIDIZED-BED COMBUSTION ...Coal; Gases; Mechanism Determination; Oil and Natural Gas - Sulfur; ...1.0550

CONTROL OF PARTICULATE EMISSIONS FROM GASOLINE ENGINES ...Air Cleaning Devices; Combustion; Engine; Fluidized Bed Reactor; Particulates - Air Pollution; ...1.0552

CONTROL OF COMBUSTION CHEMISTRY - KINETICS AND CATALYST ...Air Pollution-chemistry; Catalysis; Combustion; Fuels; Kinetics; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0607

APPLICATIONS OF CRYOGENIC TECHNIQUES TO PROBLEMS IN AIR POLLUTION ...Air Pollution Monitoring; Atomic Plants; Combustion; Detectors and Sensors; Gases; Nuclear Reactor; Temperature Effects; ...1.0624

USE OF ELECTRIC FIELDS IN COMBUSTION ...Air Pollution-chemistry; Combustion; Electric Field; Furnace and Incinerator Design; Furnaces; Incineration; Nitrogen and Nitrogen Cpds.; Pilot Plants; ...1.0638

FLUIDIZED-BED COMBUSTION ...Boilers; Combustion; Fluidized Bed Reactor; Fossil Fuels; Furnaces; Heat Transmission; ...1.0660

THE DIRECT AND CONTINUOUS DETERMINATION OF METALS IN AIR ...Air Pollution Monitoring; Air Pollution-chemistry; Incinerators; Lead; Mercury; Trace Analysis; ...1.0707

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Analysis; Air Pollution Monitoring; Combustion; Energy Conversion; Heat Balance - Budget; Power Plants; Urban Research -general; ...1.0735

OPERATE A NETWORK OF CONTINUOUS MONITORING RESEARCH STATIONS (CAMP) ...Air Pollution; Air Pollution Monitoring; Automatic Weather Stations; Cars; Combustion; Fuels; Lead; ...1.0783

CONTACT MONITORING OF INSTRUMENTATION DEVELOPMENTS FOR MOBILE SOURCES ...Air Pollution Monitoring; Air Pollution-chemistry; Combustion; Gases; Mass Spectroscopy; Organic Compounds; ...1.0794

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0837

AIR POLLUTION FROM MINING, PROCESSING, AND UTILIZATION OF MINERALS AND FUELS ...Air Pollution Monitoring; Mineral Processing Industry; Monitoring; Nitrogen and Nitrogen Cpds.; Remote Sensing; ...1.0842

AN INTEGRATED SYSTEM FOR SAMPLING STACK EMISSIONS ...Air Pollution Analysis; Air Pollution Monitoring; Air Pollution Sampling; Combustion; Dust; Fluid Mechanics; Furnace and Incinerator Design; ...1.0858

PAPER AND FIBERBOARD PROCESSES ...Additives; Fabrication; Industrial Wastes; Materials, Composite; Pulp and Paper; Solanum; ...3.0407

Diesel Equipment

PRODUCTS OF COMBUSTION OF DISTILLATE FUELS FOR MOTIVE POWER ...Buses; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; Odor; Trucks; ...1.0124

ATMOSPHERIC POLLUTION BY DIESEL ENGINES ...Air Pollution Monitoring; Combustion; Engines; Smoke; ...1.0850

Engineering Sources-other

TRAVELS OF AIRBORNE POLLEN ...Air Pollution; Air Pollution -see Specifics; Atmospheric Dynamics; Mathematical Models; Pollen -see Pollen; Range Or Territorial Distr.; Urban Environment; ...1.0079

Gases

ATMOSPHERIC DIFFUSION OF TOXIC PROPELLANT BY-PRODUCTS ...Air Pollution; Atmospheric Dynamics; Forecasting; Model Studies; Particulates - Air Pollution; ...1.0001

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Air Pollution-chemistry; Combustion; Effects; Mechanism Determination; Oxidants; Photochemical Reactions; Solar Radiation - sunshine; ...1.0006

STUDIES OF NATURAL AND POLLUTANT SOURCES OF CARBON MONOXIDE ...Air Pollution Monitoring; Air Pollution-chemistry; Aircraft; Atmospheric Dynamics; Combustion Air Pollution-gen; Geochemical Investigations; ...1.0013

METEOROLOGY FOR URBAN AID POLLUTION ...Air Pollution-chemistry; Applied Climatology; Atmospheric Dynamics; California; Oxidants; Urban Research -general; ...1.0023

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Coal Research; Energy Conversion; Heating Units; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers; Wind Tunnels; ...1.0031

CHICAGO AIR POLLUTION SYSTEMS MODEL ...Air Cleaning Devices; Diffusion; Mathematical Models; Trace Analysis; Urban Environment; Weather Data; ...1.0046

STUDY TO DETERMINE THE FATE OF CO IN THE ATMOSPHERE ...Air Pollution Sampling; Air Pollution-chemistry; Isotope Tracer -see Tracers; ...1.0048

KINETICS OF NO AND CO FORMATION IN COMBUSTION GASES ...Air Pollution-chemistry; Cars; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Turbines; ...1.0060

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Combustion Air Pollution-gen; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics; ...1.0061

PARTICULATE POLLUTANT SYSTEM STUDY - MODIFICATION AND EXTENSION ...Air Pollution Analysis; Air Pollution-chemistry; Atmospheric Dynamics; Combustion; Forecasting - Prediction; Particulates - Air Pollution; ...1.0069

SULFUR DIOXIDE OXIDATION ...Air Pollution-chemistry; Catalytic; Mechanism Determination; Rate of Reaction; ...1.0088

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Air Pollution Sampling; Atmospheric Dynamics; Energy Conversion; Mathematical Analysis; Particulates - Air Pollution; Smoke; Turbulence; ...1.0091

EVALUATION OF CONTRIBUTIONS OF VEHICULAR EXHAUST AND OTHER SOURCES TO ATMOSPHERIC LOADINGS OF POLLUTANTS IN THE N.Y.C. - N.J. AREA ...Air Pollution Sampling; Atmospheric Dynamics; Combustion; New Jersey; Nitrogen and Nitrogen Cpds.; Urban Research - general; ...1.0099

URBAN RADIATION ...Air Pollution-chemistry; Humidity - Water Vapor; Nitrogen and Nitrogen Cpds.; Radiation -terrestrial; Solar Radiation -sunshine; ...1.0103

DATA ANALYSIS OF LAPPES ...Atmospheric Dynamics; Climatology; Energy Conversion; Power Plants; ...1.0104

DEVELOP AND MAINTAIN AN INFORMATION SYSTEM ON NATION-WIDE EMISSIONS FROM GASOLINE FUEL ADDITIVES ...Air Pollution Analysis; Air Pollution-chemistry; Cars; Combustion; Fuels; ...1.0106

EVALUATE FEASIBILITY AND NATURE OF A POSSIBLE PARTICULATE STANDARD FOR MOTOR VEHICLES ...Air Pollution; Cars; Fuels; Lead; Particulates - Air Pollution; Visibility; ...1.0108

EMISSION FROM THE PHOSPHATE FERTILIZER INDUSTRY - ANALYSIS OF SAMPLES ...Air Pollution Sampling; Air Pollution-chemistry; Chemical Industry; Fertilizer Industry; Particulates - Air Pollution; Product Development Research; Scrubbers; ...1.0110

EMISSIONS FROM THE PULP AND PAPER INDUSTRY - ANALYSIS OF SAMPLES ...Air Pollution Sampling; Chemical Analysis -general; Noise -see Noise; Odor; Pulp and Paper; Pulp and Paper Wastes; ...1.0111

SOURCE TESTS OF PULP AND PAPER MILLS ..Air Pollution Sampling; Gas Chromatography; Noise -see Noise; Particulates - Air Pollution; Pulp and Paper Wastes; ...1.0112

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE ...Activation Analysis; Atmospheric Dynamics; Bromine; Chlorine; Iodine; New Zealand; Trace Elements; Urban Research -general; ...1.0137

ATMOSPHERIC POLLUTION BY GASOLINE ENGINES ...Air Pollution; British Isles; California; Engine; Engines, Legal Studies; ...1.0151

ATMOSPHERIC DIFFUSION, DEPOSITION, AND TRANSPORT PHENOMENA ...Atmospheric Dynamics; Energy Conversion; Particulates - Air Pollution; Radioactivity; Turbulence; ...1.0159

EFFECT OF POLLUTANTS ON PULMONARY BACTERIAL DEFENSE ...Air Pollution -see Specifics; Bioassays; Muridae; Phagocytosis; Respiratory Irritants, Inhaled; Staphylococcus Aureus; ...1.0174

PROPERTIES OF PARTICULATE POLLUTANTS ...Adsorption; Air Pollution-chemistry; Catalysts; Chemical Mechanisms & Kinetics; Humidity - Water Vapor; Particulates - Air Pollution; Temperature; ...1.0188

COMPLETE ANALYSES OF DATA & PREPARE A REPORT OF A STUDY OF PHILADELPHIA IN RELATION TO SOX & PARTICULATE AIR POLLUTION LEVELS ...Air Pollution -see Specifics; Air Pollution Effects; Particulates - Air Pollution; Pennsylvania; Sulfur Dioxide; ...1.0240

EFFECTS OF FLUORIDES IN AIR, WATER, AND SOIL ON GROWTH, QUALITY, AND YIELDS OF TREE, FIELD, AND VEGETABLE CROPS ...Air - Water - Plant Relations; Aluminum; Fluorine; Mineral Nutrition; Soil Water Plant Relationships; Zinc; ...1.0319

ATMOSPHERIC OZONE AND WEATHER FLECK ON FLORIDA CIGAR-WRAPPER TOBACCO ...Air Masses; Climates -general; Nicotiana; Soil Moisture; ...1.0342

METEOROLOGICAL CONSEQUENCES OF THERMAL POLLUTION ...Atomic Plants; Energy Conversion; Lake Michigan; Solar Radiation -sunshine; Temperature; ...1.0344

LOPHODERMIUM NEEDLE CAST DISEASE AND OZONE DAMAGE ON WHITE PINES ...Forest Pathology; Humidity; Lophodermium; Pinus Strobus; ...1.0356

AIR POLLUTION ...Absorption - Chemistry; Air Pollution; Air Pollution-chemistry; Fibers; Home Economics; Sulfur Dioxide; ...1.0372

THE RELATIVE SUSCEPTIBILITY OF WESTERN CONIFERS TO OZONE AND AMBIENT OXIDANTS ...Abies; Air Pollution Effects; Conifers; Herbicides and Other Chem; Picea; Pinus (other Specifics); Western U. S.; ...1.0396

RESPONSE OF EASTERN CONIFERS TO POLLUTANT MIXTURES AT SPECIFIED TIMES DURING NEEDLE DEVELOPMENT ...Air Pollution Effects; Conifers; Eastern U. S.; Herbicides and Other Chem; Sulfur Dioxide; ...1.0398

LOW CONCENTRATION-LONG TERM RESPON S OF PLANTS TO POLLUTANT MIXTURES ...Air Pollution -see Specifics; Air Pollution Effects; Growth; Pathological Physiology; Reproductive Physiology; Sulfur Dioxide; ...1.0402

CONTROLLED ENVIRONMENT STUDIES ON METAL CORROSION CAUSED BY AIR POLLUTION ...Air Pollution Effects; Coatings -see Materials; Nitrogen and Nitrogen Cpds.; X-ray Spectroscopy; ...1.0405

IMPACT OF AIR POLLUTANTS ON ECOSYSTEMS ...Air Pollution; Air Pollution -see Specifics; Air Pollution Monitoring; Bioindicators; Fumigants -nonspecific; Great Salt Lake; Plant Succession; Reproductive Physiology; ...1.0429

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Mathematical Models; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0433

SYSTEMS EVALUATION OF REFUSE AS A LOW SULFUR FUEL ...Air Cleaning Devices; Disposal; Incineration; Power Plants; Urban Research -general; ...1.0439

REGIONAL CONTROL COST STUDY IN BUFFALO ...Cost-benefit Analysis; Costs -see Economics Entries; Particulates - Air Pollution; Urban Research -general; ...1.0452

REGIONAL CONTROL COST STUDY IN PHILADELPHIA ...Costs -see Economics Entries; Particulates - Air Pollution; Pennsylvania; Urban Research -general; ...1.0453

ENGINEERING AND ECONOMIC STUDY OF PRIMARY ALUMINUM SMELTING INDUSTRY ...Air Pollution; Casting of Materials; Costs -see Economics Entries; Iron & Steel Industry; Particulates - Air Pollution; ...1.0466

ADEQUACIES OF ELEMENTS OTHER THAN CONTROL REGULATIONS IN PLANS FOR SO2, PARTICULATES, CO, HYDROCARBONS & OXIDANTS (ABBREV) ...Air Pollution-chemistry; Oxidants; ...1.0503

THE STATES NECESSARY CHANGES AND MODIFICATIONS IN THE IMPLEMENTATION PLANS FOR SO2 - PARTICULATES - CO - HC AND OXIDANTS (ABBREV) ...Oxidants; Particulates - Air Pollution; Sulfur Dioxide Removal; ...1.0504

DETERMINE IF THE CONTROL REGULATIONS WILL ACHIEVE THE AIR QUALITY STANDARDS FOR SO2 - PARTICULATES - CO - HC AND OXIDANTS (ABBREV) ...Model Studies; Oxidants; Particulates - Air Pollution; Sulfur Dioxide Removal; ...1.0505

REGISTER FUEL ADDITIVES ...Fuels; ...1.0515

REVIEW AND PREPARATION OF CRITERIA DOCUMENTS FOR NO, F, ODORS (INCLUDING H2S) HCL, CL2 (GAS) ...Chlorine, Corrosion, Deterioration; Fluorine; Nitrogen and Nitrogen Cpds.; Noise -see Noise; ...1.0526

REDUCTION OF ATMOSPHERIC POLLUTION BY THE APPLICATION OF FLUIDIZED-BED COMBUSTION ...Coal; Combustion Air Pollution-gen; Mechanism Determination; Oil and Natural Gas - Sulfur; ...1.0550

A MODEL FOR AIR POLLUTION CONTROL ...Air Pollution; Air Pollution-chemistry; Economic Theory; Mathematical Models; Model Studies; Particulates - Air Pollution; Weather Data; ...1.0551

ADSORPTION RATE STUDIES - AIR POLLUTION ...Adsorption; Air Pollutionvchemistry; Packed Bed Reactor; Sulfur Dioxide Removal; ...1.0569

CONTROL TECHNIQUES FOR CHLORINE AND HYDROGEN CHLORIDE EMISSIONS ...Air Pollution-chemistry; Chlorine; ...1.0599

APPLICATIONS OF CRYOGENIC TECHNIQUES TO PROBLEMS IN AIR POLLUTION ...Air Pollution Monitoring; Atomic Plants; Combustion; Detectors and Sensors; Nuclear Reactor; Temperature Effects; ...1.0624

ENVIRONMENTAL CONTROL RESEARCH - CONTROL TECHNIQUES DEVELOPMENT ...Air Pollution Analysis; Coal; Drilling and Coring; Mine Atmosphere Conditions; Mine Hydrology; ...1.0630

CHARACTERISTICS AND REMOVAL OF PYRITE FROM AMERICAN COALS ...Air Pollution-chemistry; Desulfurization; Energy Conversion; Heating Systems; Separation; Washing; ...1.0631

WET SCRUBBER STUDY - VENTURI SCRUBBER AND TURBULENT BED CONTACTOR ...Mathematical Models; Particulates - Air Pollution; Scrubbers; Sulfur Dioxide Removal; ...1.0663

DEFINE AND DEVELOP UNIFORM PROCEDURES FOR MEASURING PERFORMANCE EVALUATION PROCEDURES FOR CONTINUOUS ATMOSPHERIC ANALYZERS ...Absorption - Chemistry; Air Pollution Analysis; Air Pollution-chemistry; Detectors and Sensors; Instrument Services; Nitrogen and Nitrogen Cpds.; Oxidants; ...1.0671

MEASUREMENTS FOR AIR QUALITY ...Aerosols; Air Pollution Analysis; Air Pollution-chemistry; Chemical Composition; Light Scattering Analysis; Particulates - Air Pollution; Raman Spectroscopy; ...1.0687

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution -see Specifics; Atmosphere; Connecticut; Particulates - Air Pollution; Scattering; Urban Research -general; ...1.0690

FEASIBILITY STUDIES TO DETERMINE THE USE OF VARIOUS MATERIALS AS STANDARD REFERENCES FOR AIR POLLUTION MEASUREMENTS ...Air Pollution Monitoring; Energy Conversion; Inorganic Gases; Oxidants; Particulates - Air Pollution; ...1.0692

LOW LEVEL VERTICAL OZONE DETERMINED BY INVERSION OF BACKSCATTERED ULTRAVIOLET RADIATION ...Air Pollution Monitoring; Energy-radiation; Spacecraft Sensory Devices; Upper Atmospheric Sounding; ...1.0702

APPLICATION OF SOLID STATE DIODE LASERS TO VERY HIGH RESOLUTION SPECTROSCOPY OF GAS POLLUTANTS - SO2, CH2O, O3 ...Air Pollution-chemistry; Interferometry; Lasers and Masers; Particulates and Aerosols; Resolution; Windows; ...1.0716

CONTINUOUS CHROMATOGRAPHIC MONITORING OF GAS STREAMS ...Air Pollution Monitoring; Air Pollution-chemistry; Chromatography; ...1.0720

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution Control Systems; Air Pollution-chemistry; Chemical Analysis - general; Combustion; Energy Conversion; Engines; Inorganic Gases; Radiometric Analysis; ...1.0721

ADAPTATION OF OXIDES OF NITROGEN ANALYTICAL METHOD TO LIGHT DUTY VEHICLE EXHAUST EMISSION PROCEDURE ...Air Pollution; Air Pollution Analysis; Cars; Chemical Analysis -general; Combustion; Nitrogen and Nitrogen Cpds.; ...1.0726

CONDUCT EMISSION TESTS ON DEVICES ...Air Pollution; Chemical Analysis -general; Combustion; ...1.0729

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Analysis; Air Pollution Monitoring; Combustion; Combustion Air Pollution-gen; Energy Conversion; Heat Balance - Budget; Power Plants; Urban Research -general; ...1.0735

CONTROLLED CONVERSION OF GASES INTO DETECTABLE PARTICLES ...Air Pollution Analysis; Chemical Analysis - general; Particulates - Air Pollution; Rate of Reaction; ...1.0741

INFRARED REMOTE SENSING OF AIR POLLUTANTS AND FOREST FIRES ...Air Pollution Monitoring; Detectors and Sensors; Infrared Spectroscopy; Radiochemical Analysis; ...1.0742

MEASUREMENT OF OZONE CONCENTRATIONS IN THE ATMOSPHERE ...Air Pollution -see Specifics; Air Pollution Analysis; Air Pollution-chemistry; Membranes; ...1.0747

START OF FIELD STUDY OF IR EMISSION SPECTRA FROM SO2 IN POWER PLANT PLUMES ...Air Pollution-chemistry; Exhaust, Combustion -see Auto; Infrared Spectroscopy; Power Plants -see Specifics; ...1.0752

DEVELOPMENT OF IN-HOUSE INSTRUMENTAL METHODS ...Air Pollution Analysis; Air Pollution-chemistry; Analytical Instruments; Chlorine; ...1.0779

FIELD PERFORMANCE AND APPLICATION EVALUATION OF BARRINGER REMOTE SENSING AND INSTACK MEASUREMENT OF SO2 EMISSIONS BY CORRELATION SPECTROSCOPY ...Air Pollution Analysis; Air Pollution-chemistry; Infrared Spectroscopy; Ultra - Violet Radiation; Ultraviolet Spectroscopy; ...1.0784

PERFORM INTERNATIONAL STUDIES IN SELECTED NATO COUNTRIES TO ASSESS ATMOSPHERIC POLLUTANT CONCENTRATIONS AND EMISSIONS ...Air Pollution Monitoring; Atmospheric Dynamics; Turkey; Weather Forecasting; ...1.0786

CONTACT MONITORING OF INSTRUMENTATION DEVELOPMENTS FOR MOBILE SOURCES ...Air Pollution Monitoring; Air Pollution-chemistry; Combustion; Combustion Air Pollution-gen; Mass Spectroscopy; Organic Compounds; ...1.0794

DEVELOP TECHNIQUES FOR STORING CHEMICAL INFORMATION PROPORTIONAL TO 24-HOUR AVERAGE CONCENTRATIONS OF SO2 AND NOX ...Absorption - Chemistry; Air Pollution Monitoring; Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; ...1.0805

DETERMINE TIME-CONCENTRATION-FREQUENCY RELATIONSHIPS IN AQCR'S FOR SOX, PARTICULATES, NO, HC, CO AND OXIDANTS ...Atmospheric Dynamics; Chemical Analysis -general; Energy Conversion; Nitrogen and Nitrogen Cpds.; Oxidants; Particulates - Air Poilution; Sulfur Dioxide Removal; ...1.0813

OPERATE A NATIONAL NETWORX FOR SAMPLING GASEOUS POLLUTANTS AT AN INCREASED FREQUENCY ...Air Pollution Sampling; Automatic Weather Stations; Chlorine; Mercury; ...1.0816

METEOROLOGICAL TRACER TECHNIQUES - SERVICE AND METHOD IMPROVEMENT ...Atmospheric Dynamics; Gas Chromatography; Tracers; ...1.0849

AIR POLLUTION SENSING ...Air Pollution Monitoring; Air Pollution-chemistry; Aircraft Remote Sensing; Detectors and Sensors; Infrared Radiation; Spacecraft Sensory Devices; Urban Research - general; ...1.0851

DETECTION OF SMALL AMOUNTS OF SO2 IN ATMOSPHERE ...Air Pollution Analysis; Attenuation; Energy Conversion; Reflection; Ultra - Violet Radiation; ...1.0852

HETEOGENEOUS REACTIONS IN AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Corrosion, Deterioration; Nitrogen and Nitrogen Cpds.; Oxidation; Zinc; ...1.0861

SINGLET MOLECULAR OXYGEN - OXIDATION IN POLLUTED AIR ...Air Pollution -see Specifics; Atmospheric Dynamics; Detectors and Sensors; Infrared Spectroscopy; Photosensitizer; Spectrographic Techniques; ...1.0870

HOMOGENEOUS NUCLEATION IN CONTAMINATED ATMOSPHERES ...Adsorption; Condensation Physics; Humidity - Water Vapor; Particulates - Air Pollution; ...1.0882

CHEMISTRY OF SINGLET OXYGEN FROM OZONE SOURCES ...Air Pollution-chemistry; Oxidation; Ozonization; Photochemical Reactions, Smog; ...1.0894

STUDIES OF AIRBORNE PARTICULATES OF SUBMICRON SIZE ...Aerosols; Model Studies; Particulates - Air Pollution; Radiologic Health; ...1.0899

ATMOSPHERIC DIFFUSION OF RADON ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Soil Conditions; Tracers; Urban Research -general; Wind; ...1.0910

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

INSTRUMENT DEVELOPMENT LABORATORY ...E M Radiation-general; Geochemical Investigations; Mercury; ...5.0022

Heating Systems

CHARACTERISTICS AND REMOVAL OF PYRITE FROM AMERICAN COALS ...Air Pollution-chemistry; Desulfurization; Energy Conversion; Separation; Washing; ...1.0631

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled, Smoke; Visibility; Weather Data; ...1.0837

Ice Fog

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Acoustic Instrumentation;

Alaska; Boundary Layer Studies; Sound Attenuation Acoustics; Urban Research -general; ...1.0307

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Arctic; Energy-radiation; Radar; Weather Radar; ...1.0327

Incinerators

EVALUATION - CAVEN POINT OPEN PIT INCINERATOR ...Furnace and Incinerator Design; ...1.0102

USE OF ELECTRIC FIELDS IN COMBUSTION ...Air Pollution-chemistry; Combustion; Electric Field; Furnace and Incinerator Design; Furnaces; Incineration; Nitrogen and Nitrogen Cpds.; Pilot Plants; ...1.0638

THE DIRECT AND CONTINUOUS DETERMINATION OF METALS IN AIR ...Air Pollution Monitoring; Air Pollution-chemistry; Combustion Air Pollution-gen; Lead; Mercury; Trace Analysis; ...1.0707

Industrial Pollution -general

PULMONARY EFFECTS OF ENVIRONMENTAL OXIDANT POLLUTANTS ...Cell Injury and Autolysis; Environmental Physiology; Muridae; Primates -nonspecific; ...1.0173

EFFECT OF SO2 ON METABOLIC PATHWAYS IN HIGHER PLANTS ...Arachis; Nitrogen Metabolism; Radioisotopes -nonspecific; Sulfur Dioxide; ...1.0311

EFFECTS OF DUSTS ON VEGETATION ...Air Pollution; Air Pollution Effects; Cell Injury and Autolysis; Particulates - Air Pollution; Urban Environment; ...1.0320

INFLUENCE OF ENVIRONMENT, CHEMICAL ADDITIVES AND AIR POLLUTANTS ON APPARENT PHOTOSYNTHESIS AND RESPIRATION ...Absorption (incl. Adsorption); Lactuca; Nitrogen and Nitrogen Cpds.; Parathion; Phaseolus; Respiration; ...1.0324

EFFECTS OF AIR-BORNE FLUORIDES ON CITRUS ...Citrus; Fertilizer Industry; Fluorine; Fruit, Nut, and Berry Crops; Herbicides and Other Chem; Leaf Analysis; Mineral Composition; ...1.0341

INTERDISCIPLINARY STUDIES - QUANTUM ELECTRONICS IN LIFE SCIENCES ...Lasers and Masers; Photosynthesis; Rapid Reactions; Reactors; ...1.0348

EFFECTS OF AIR POLLUTION ON A FOREST ECOSYSTEM ...Forest Environment -general; Mixed Forest; Plant Productivity - general; Plant Response to Env. -ns; Plant Succession; Sulfur Dioxide; Zinc; ...1.0373

MT STORM - W VIRGINIA - GARRETT COUNTY - MARYLAND ABATEMENT ACTION - FIELD INVESTIGATION ...Air Pollution-chemistry; Chemical Analysis -general; Dust; Fluorine; Leaf Analysis; Monitoring; Nitrogen and Nitrogen Cpds.; ...1.0399

PENNSYLVANIA POWER PLANT STUDY ...Air Pollution-chemistry; Farm Pond; Lead; Pinus Strobus; Power Plants -see Specifics; Sulfur Dioxide; Wind -see Air Motion; ...1.0407

PLANT GROWTH RESPONSES TO AIR POLLUTANTS ...Air Pollution -see Specifics; Growth; Herbicides and Other Chem; Metabolism; Sulfur Dioxide; Transpiration and Evap; ...1.0415

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Chlorine; Lycopersicum; Nicotiana; Northeast U. S.; ...1.0418

EFFECT OF VARIOUS GASEOUS CONTAMINANTS OF THE ATMOSPHERE ON PLANT GROWTH AND BEHAVIOR ...Carbon Disulfide; Enzymes; Growth; Pollutant Resistance; Reproductive Physiology; Respiration; ...1.0420

THE EFFECTS OF ATMOSPHERIC POLLUTION ON EPIPHYTES ...Air Pollution Monitoring; Bryophyta; Idaho; Iron & Steel Industry; Montana; Pseudotsuga; Range Or Territorial Distr.; ...1.0421

ANALYSIS OF LIPIDS IN AEROBIOLOGICAL PARTICLES ...Air Pollution -see Specifics; Air Pollution-chemistry; Biological Organisms; Natural Sources; Particulates - Air Pollution; ...1.0829

CHEMICAL REACTIONS OF WOODS AND BARKS ...California; Combustion; Fuels; Industrial Wastes; Pulp and Paper Wastes; Pulp-waste; Water Chemistry; Wet Oxidation; ...3.0065

CHEMICAL PULPING AND BLEACHING ...Air Pollution-chemistry; Electrolytic; Materials -properties; Pulp and Paper Wastes; Reduction Reactions; Water Chemistry; ...3.0351

WOOD RESIDUE PRODUCTION AND FEASIBILITY OF CONVERSION TO A SALEABLE PRODUCT ...Contamination - Soil; Economic Feasibility; Forest Environment -general; Forest Industry; Soil Microbiology; ...3.0394

PAPER AND FIBERBOARD PROCESSES ...Additives; Combustion Air Pollution-gen; Fabrication; Industrial Wastes; Materials, Composite; Pulp and Paper; Solanum; ...3.0407

CYTOGENETIC EFFECTS OF HYDROGEN FLUORIDE ON CORN ...Chemical Mutagenesis; Hydrogen Fluoride; Pesticide Action on Plants; Pollens -see Air Pollution; Zea Mays - Field Corn; ...4.0051

Iron & Steel Industry

THE EFFECTS OF ATMOSPHERIC POLLUTION ON EPIPHYTES ...Air Pollution Monitoring; Bryophyta; Idaho; Montana; Pseudotsuga; Range Or Territorial Distr.; ...1.0421

AN EMISSION AND CONTROL COST STUDY OF THE REACTIVE METALS INDUSTRY ...Air Pollution; Air Pollution-chemistry; Chemical Industry; Economic Geology -general; Industry; Management; ...1.0450

ENGINFERING AND ECONOMIC STUDY OF PRIMARY ALUMINUM SMELTING INDUSTRY ...Air Pollution; Casting of Materials; Costs -see Economics Entries; Gases; Particulates - Air Pollution; ...1.0466

MINERAL FUELS AND THE ENVIRONMENT - THE CASE OF INDUSTRIAL FUEL USERS ...Air Pollution-chemistry; Fuels; Power Plants; ...1.0474

PROVIDE TECHNICAL ASSISTANCE TO STATE AND LOCAL AGENCIES REGARDING SPECIAL AIR QUALITY SURVEILLANCE PROJECTS ...Air Pollution Analysis; Air Pollution-chemistry; ...1.0780

Mineral Processing Industry

COMPLETE COLLECTION OF ANALYSES OF DATA ASSOCIATING HEALTH EFFECTS WITH EXPOSURE TO PB, AS, OR CD EMISSIONS FROM SMELTERS IN MONTANA & IDAHO ...Air Pollution -see Specifics; Arsenic; Chemical Analysis -general; Idaho; Lead; Miners; Occupational Hazards; ...1.0279

EMISSION AND CONTROL COST STUDY OF THE CEMENT INDUSTRY ...Air Pollution-chemistry; Ceramics; Costs -see Economics Entries; Industrial Wastes; Particulates - Air Pollution; Waste Material Recovery; ...1.0464

AIR POLLUTION FROM MINING, PROCESSING, AND UTILIZATION OF MINERALS AND FUELS ...Air Pollution Monitoring; Combustion Air Pollution-gen; Monitoring; Nitrogen and Nitrogen Cpds.; Remote Sensing; ...1.0842

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Aerosols; Balloons; Electrical Phenomena; Gamma Radiation; Radiation -terrestrial; Radioactivity; Uranium; ...5.0879

Missiles

PARTICLE DYNAMICS ...Atmospheric Dynamics; Diffusion; Engines; Photography; Simulation Theory; ...1.0668

EFFECTS OF ENVIRONMENTAL POLLUTION FROM AIR FORCE MISSILE PROPELLANTS ON PLANTS ...Air Pollution -see Specifics; Plant Ecology -nonspecific; ...1.0410

Natural Sources

AIR-SPORA IN HAWAII ...Air Pollution -see Specifics; Atmospheric Dynamics; Fungi -nonspecific; Humidity - Water Vapor; Organic Compounds; Plant Pathogenetic Fungi; Pollens -see Air Pollution; Tropical Regions; Wind; ...1.0645

ANALYSIS OF FLAVONOLS AND OTHER PHENOLS ...Air Pollution -see Specifics; Air Pollution-chemistry; Bioindicators; Biological Organisms; Particulates - Air Pollution; Phenols; Pollens -see Air Pollution; ...1.0792

ANALYSIS OF LIPIDS IN AEROBIOLOGICAL PARTICLES ...Air Pollution -see Specifics; Air Pollution-chemistry; Biological Organisms; Industrial Pollution -general; Particulates - Air Pollution; ...1.0829

Noise -see Noise

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Coal Research; Energy Conversion; Heating Units; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers; Wind Tunnels; ...1.0031

ODOR ISOPLETHS AND TRANSPORT MODELS ...Air Pollution; Forecasting - Prediction, Model Studies; ...1.0094

EMISSIONS FROM THE PULP AND PAPER INDUSTRY - ANALYSIS OF SAMPLES ...Air Pollution Sampling; Chemical Analysis -general; Gases; Odor; Pulp and Paper; Pulp and Paper Wastes; ...1.0111

SOURCE TESTS OF PULP AND PAPER MILLS ...Air Pollution Sampling; Gas Chromatography; Particulates - Air Pollution; Pulp and Paper Wastes; ...1.0112

PRODUCTS OF COMBUSTION OF DISTILLATE FUELS FOR MOTIVE POWER ...Buses; Combustion; Diesel Equipment; Fuels; Nitrogen and Nitrogen Cpds.; Odor; Trucks; ...1.0124

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

AN EMISSION AND CONTROL STUDY OF THE RENDERING INDUSTRY ...Air Pollution; Data Acquisition; Economic Geology -general; Industrial Wastes; Odor; Tanneries - Rendering Plants; ...1.0455

STUDY OF THE SOCIAL AND ECONOMIC IMPACT OF ODORS - PHASE II ...Air Pollution Effects; ...1.0502

HEDONIC EVALUATION OF ODORS ...Air Pollution -see Specifics; Air Pollution Analysis; Attitudes & Attitude Change; Sensory & Perceptual Processes; Urban Research -general; ...1.0513

REVIEW AND PREPARATION OF CRITERIA DOCUMENTS FOR NO, F, ODORS (INCLUDING H2S) HCL, CL2 (GAS) ...Chlorine; Corrosion Deterioration; Fluorine; Gases; Nitrogen and Nitrogen Cpds.; ...1.0526

DOCUMENT RESPONSES OF URBAN CITIZENS TO DIESEL EXHAUST ...Air Pollution -see Specifics; Sensory & Perceptual Processes; Urban Research -general; ...1.0533

CONTROL OF AIR CONTAMINANTS IN THE HOME ...Aerosols; Air Cleaning Devices; Air Pollution; Fluid Mechanics; General Sanitation Methods; Home Economics; Particulates - Air Pollution; ...1.0559

DESIGN OF WET SCRUBBING TEST FACILITIES ...Air Pollution Monitoring; Particulate Matter - Air Poll.; Particulates - Air Pollution; Scrubbers; ...1.0603

ODOR FORMATION IN ALKALINE PULPING ...Air Pollution; Kinetics; Odor; Process Development; Pulp and Paper Wastes; ...1.0657

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

DESIGN AND OPERATION CRITERIA FOR AN ANAEROBIC LAGOON FOR SWINE WASTE ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Lagoon; Piedmont Province; Sewage Lagoons; Water Reuse; ...3.0113

LIVESTOCK WASTE TREATMENT AND DISPOSAL ...Aeration (water); Anaerobic Wastewater Treatment; Antibiotics -nonspecific; Feces; Sewage Lagoons; Waste Disposal on Soils; ...3.0141

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Chemical Oxygen Demand; Farm Animal Wastes; Lagoon; Recycle Water; Sus; ...3.0145

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

HANDLING AND DISPOSAL OF POULTRY WASTES ...Aeration; Animal Wastes - Feed Lots; Farm Animal Wastes; Northeast U. S.; Waste Disposal on Soils; ...3.0234

WINTER STORAGE OF DAIRY WASTES IN NORTHERN CLIMATES ...Anaerobic Wastewater Treatment; Bos; Cold Climates; Farm Animal Wastes; Feces; Sewage Lagoons; ...3.0352

THEORETICAL ACOUSTICS ...Acoustics; Atlantic Ocean; Noise; Ocean Meteorological Studies; Sound Attenuation Acoustics; Turbulence; ...6.0005

WIND SENSING ...Air Motion Instruments; Electronic Detection, Tracking; Signal Analysis; Turbulence; Weather Radar; ...6.0054

THE DETERMINANTS OF REAL ESTATE VALUES ...Air Pollution -see Specifics; Building Construction; Heating Units; Location Choice; Residential Buildings; Value; Zoning; ...6.0055

STUDY OF OUTSIDE NOISE GENERATED BY INDUSTRIAL PLANTS ...Building Acoustics -see Noise; Manufacturing Buildings; Noise; Sound Attenuation Acoustics; ...6.0059

WORLD ELECTRONIC INDUSTRIES ...Air Pollution Monitoring; Consumption; Economic Projections- Forecast; Electronics Engineering; Instrument Services; Meteorologic Instruments -gen.; Supply; ...6.0071

ACOUSTICAL SOCIETY OF AMERICA STANDARDS ACTIVITIES ON NOISE ...Acoustics, Noise; ...6.0096

EFFECTS OF AIR FORCE NOISES ON POPULATIONS SURROUNDING AIR BASES ...Airplanes; Noise; Psychology; Sensory & Perceptual Processes; ...6.0100

Organic Compounds

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Air Pollution-chemistry; Combustion; Effects; Mechanism Determination; Oxidants; Photochemical Reactions; Solar Radiation - sunshine; ...1.0006

AIR-SPORA IN HAWAII ...Air Pollution -see Specifics; Atmospheric Dynamics; Fungi -nonspecific; Humidity - Water Vapor; Plant Pathogenetic Fungi; Pollens -see Air Pollution; Tropical Regions; Wind; ...1.0045

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Combustion Air Pollution-gen; Gases; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics; ...1.0061

A STUDY OF THE FACTORS CONTROLLING THE FORMATION OF LARGE NUMBERS OF CONDENSATION NUCLEI IN CLEAN GLOBAL AIR ...Adirondack Province; Effects; Fog, Haze, Mist; Heat Transmission; New York; Nucleation; Nucleation Physics; ...1.0082

STUDY BY CONTRACT THE INDOOR-OUTDOOR POLLUTION RELATIONSHIPS AT AN AIR-RIGHTS STRUCTURE AND A CANYON TYPE STRUCTURE ...Air Pollution-chemistry; Cars; Combustion; Engines; Lead; Particulates - Air Pollution; Urban Research -general; ...1.0090

STUDIES DESIGNED TO IDENTIFY AND QUANTIFY THE EFFECTS OF AROMATIC POLYNUCLEATED MATERIALS ON MAN'S HEALTH AND HIS ENVIRONMENT (ABBREV) ...Air Pollution -see Specifics; Community Health Services; ...1.0266

STUDY THE LEVELS OF POLYCYCLIC HYDROCARBONS IN AN URBAN ATMOSPHERE ...Aerosols; Air Pollution -see Specifics; Air Pollution-chemistry; Urban Environment; Weather Data; ...1.0730

EXTENSION OF CAPABILITY OF AUTOMATED CHROMATOGRAPHIC ANALYZER TO MEASURE ACETYLENE AND ETHYLENE ...Air Pollution Monitoring; Cars; Combustion; Gas Chromatography; ...1.0746

CONTACT MONITORING OF INSTRUMENTATION DEVELOPMENTS FOR MOBILE SOURCES ...Air Pollution Monitoring; Air Pollution-chemistry; Combustion; Combustion Air Pollution-gen; Gases; Mass Spectroscopy; ...1.0794

FORMATION OF NONVOLATILE PARTICULATES FROM ORGANIC VAPORS ...Air Pollution-chemistry; Electromagnetic Radiation, Humidity - Water Vapor; Particulates and Aerosols; Solar Radiation -sunshine; ...1.0881

Particulates - Air Pollution

ATMOSPHERIC DIFFUSION OF TOXIC PROPELLANT BY-PRODUCTS ...Air Pollution; Atmospheric Dynamics; Forecasting; Gases; Model Studies; ...1.0001

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Air Pollution-chemistry; Combustion; Effects; Mechanism Determination; Oxidants; Photochemical Reactions; Solar Radiation - sunshine; ...1.0006

LIDAR OBSERVATIONS OF LOWER TROPOSPHERIC AEROSOL DISTRIBUTIONS DURING BOMEX ...Aerosols; Atmospheric Dynamics; Condensation Physics; Electronic Detection, Tracking; Heat and Radiation Transfer; Inversion; ...1.0011

LIDAR STUDY ...Atmospheric Dynamics; Lasers and Masers; Particulates and Aerosols; Pennsylvania; Power Plants; Weather Radar; ...1.0012

THERMAL MODIFICATION ...Aerosols; Cirrus; Great Lakes -see Specific Lake; Heat Balance - Budget; Humidity - Water Vapor, New York; Solar Radiation -sunshine; Temperature; Weather Modification; ...1.0024

METEOROLOGY FOR URBAN AIR POLLUTION RESEARCH ...Air Pollution Effects; Atmospheric Dynamics; Diffusion; Urban Research -general; Weather Radar; ...1.0026

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Inversion; Satellites -see Remote Sensing; Snow Patterns; Weather Data; Wind; ...1.0028

ENERGY, AIR QUALITY, AND THE SYSTEMS APPROACH ...Air Pollution; Benefit-cost Analysis; Generators; Mathematical Models; ...1.0034

CONTINENTAL AEROSOLS IN THE MARINE ATMOSPHERE ...Aerosols; Atmospheric Dynamics; British West Indies; Cape Verde Islands; Energy Conversion; Tracers; ...1.0041

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineral Analysis,

Mineralogical Properties; Mineralogy - Petrology; Water Chemistry; Xoray Spectroscopy; ...1.0050

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Combustion Air Pollution-gen; Gases; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics; ...1.0061

PARTICULATE EMISSIONS FROM TWO-CYCLE GASOLINE ENGINES ...Air Pollution; Combustion; Engines; Fuels; Particulate Matter - Air Poll.; Spark Ignition; ...1.0064

PARTICULATE POLLUTANT SYSTEM STUDY - MODIFICATION AND EXTENSION ...Air Pollution Analysis; Air Pollution-chemistry; Atmospheric Dynamics; Combustion; Forecasting - Prediction; Gases; ...1.0069

URBAN AIR POLLUTION AND CLIMATIC CHANGE ...Aerosols; Climatology; Urban Environment; Weather Modification; ...1.0072

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Chemical Composition; Core Analysis; Energy Conversion; Glaciology; Ion Exchange; Technology - Social Impact; ...1.0073

ELECTRIFICATION OF DUST STORMS ...Atmosphere Disturbance; Charge on Droplets; Energy Conversion; Temperature; Wind; ...1.0081

FORMATION OF THE STRATOSPHERIC AEROSOL ...Aerosols; Atmosphere Composition; Model Studies; Stratosphere; ...1.0086

STUDY BY CONTRACT THE INDOOR-OUTDOOR POLLUTION RELATIONSHIPS AT AN AIR-RIGHTS STRUCTURE AND A CANYON TYPE STRUCTURE ...Air Pollution-chemistry; Cars; Combustion; Engines; Lead; Urban Research -general; ...1.0090

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Air Pollution Sampling; Atmospheric Dynamics; Energy Conversion; Gases; Mathematical Analysis; Smoke; Turbulence; ...1.0091

ASSIST OCS IN THE DEVELOPMENT OF COMPUTERIZED SYSTEM FOR PROJECTING MOTOR VEHICLE EMISSIONS AND SUPPLY ADJUNCT ANALYSES ...Air Pollution; Characteristics; Engine; Nitrogen and Nitrogen Cpds.; Traffic Engineering; Trucks; ...1.0093

CHARACTERISTICS OF PARTICULATE EMISSIONS IN AUTO EXHAUSTS - DESIGN AND TEST SIMPLIFIED SAMPLING SCHEME ...Air Pollution Analysis; Air Pollution-chemistry; Cars; Combustion; ...1.0097

UPDATE NAPCA DATA FILE OF NATION-WIDE EMISSIONS ...Air Pollution-chemistry; Combustion; Fluorine; Lead; Nitrogen and Nitrogen Cpds.; Refuse Dumps; Statistics; ...1.0098

COMPLETE THE ENGLAND SMOKESHADE - U.S. PARTICULATE COMPARISON STUDY ...Air Pollution -see Specifics; British Isles; Mathematical Analysis; Statistics; ...1.0101

EVALUATE FEASIBILITY AND NATURE OF A POSSIBLE PARTICULATE STANDARD FOR MOTOR VEHICLES ...Air Pollution; Cars; Fuels; Lead; Visibility; ...1.0108

EMISSION FROM THE PHOSPHATE FERTILIZER INDUSTRY - ANALYSIS OF SAMPLES ...Air Pollution Sampling; Air Pollution-chemistry; Chemical Industry; Fertilizer Industry; Gases; Product Development Research; Scrubbers; ...1.0110

SOURCE TESTS OF PULP AND PAPER MILLS ...Air Pollution Sampling; Gas Chromatography; Noise -see Noise; Pulp and Paper Wastes; ...1.0112

MODEL RESIDUAL OIL COMBUSTOR ...Air Pollution-chemistry; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0114

AERODYNAMICS OF FORMATION OF CLOUDS OF FLOAT COAL DUST ...Coal; Geological Exploration; Mine Atmosphere Conditions; ...1.0134

ANALYSIS OF CHEMICAL COMPOUNDS IN AN URBAN AEROSOL ...Aerosols; Air Pollution; Air Pollution-chemistry; Chromatography; Coulometry; Thin Layer Chromatography; ...1.0135

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE ...Activation Analysis; Atmospheric Dynamics; Bromine; Chlorine; Iodine; New Zealand; Trace Elements; Urban Research -general; ...1.0137

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII ...Activation Analysis; Air Pollution; Air Pollution Sampling; Antarctica; Atomic Absorption; Lead; Pacific Ocean; Trace Analysis; ...1.0138

VENTILATION DURING TUNNEL CONSTRUCTION ...Air Pollution-chemistry; Dust; Legal Studies-general; Particulate Matter - Air Poll.; Smoke -see Air Pollution; Tunnels; ...1.0140

TVA PLUME STUDIES ...Air Pollution-chemistry; Combustion; Furnace and Incinerator Design; Power Plants; ...1.0141

NUMERICAL STUDIES OF TURBULENT FLOW ...Atmospheric Dynamics; Energy Conversion; Meteorologic Instruments -gen.; Model Studies; Radioactive Isotopes; Radioactivity; Wind; ...1.0144

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

ATMOSPHERIC DIFFUSION, DEPOSITION, AND TRANSPORT PHENOMENA ...Atmospheric Dynamics; Energy Conversion; Radioactivity; Turbulence; ...1.0159

INFRARED SPECTROSCOPIC ANALYSIS OF TRACE POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Combustion; Fluidized Bed Reactor; Infrared Spectroscopy; Power Plants; Trace Analysis; ...1.0165

PROPERTIES OF PARTICULATE POLLUTANTS ...Adsorption; Air Pollution-chemistry; Catalysts; Chemical Mechanisms & Kinetics; Gases; Humidity - Water Vapor; Temperature; ...1.0188

COMPLETE ANALYSES OF DATA & PREPARE A REPORT OF A STUDY OF PHILADELPHIA IN RELATION TO SOX & PARTICULATE AIR POLLUTION LEVELS ...Air Pollution -see Specifics; Air Pollution Effects; Gases; Pennsylvania; Sulfur Dioxide; ...1.0240

PLAN, DEVELOP EFFECTS OF SOX AND PARTICULATE AIR POLLUTION ON HUMAN HEALTH ...Air Pollution -see Specifics; Air Pollution Effects; Respiratory Irritants, Inhaled; ...1.0259

ULTRAVIOLET RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Energy-radiation; Model Studies; Polarization; Transfer Phenomena; Ultraviolet Radiation; ...1.0310

STUDY OF EFFECT OF ATMOSPHERIC TURBIDITY ON SATELLITE SOUNDINGS ...Aerosols; Energy-radiation; Infrared Radiation; Model Studies; Polarization; Scattering; ...1.0316

EFFECTS OF DUSTS ON VEGETATION ...Air Pollution; Air Pollution Effects; Cell Injury and Autolysis; Industrial Pollution - general; Urban Environment; ...1.0320

INADVERTENT MODIFICATION ...Automatic Weather Stations; Energy Conversion; Heat Balance - Budget; Weather Modification; ...1.0329

EFFECTS OF PARTICULATES ON RADIOMETRIC MEASUREMENT OF SEA SURFACE TEMPERATURE & ON INFRARED COOLING RATES IN TROPOSPHERE (ABBREV) ...Bomex; Data Reduction and Analysis; Heat Balance - Budget; Marine Environments; Temperature; Weather Data; ...1.0332

ATMOSPHERIC IONS AND THE INFECTION PROCESS OF FUNGI ...Air Pollution; Environmental Factors; Ionic Effect; Plant Pathogenetic Fungi; Plant Pathology - Env. Relat.; ...1.0362

EFFECTS OF PARTICULATES ON SOILING OF BUILDING MATERIALS ...Air Pollution-chemistry; Alabama; Construction Materials; Corrosion, Deterioration; New York; ...1.0387

INTERDISCIPLINARY RESEARCH PROGRAM IN CLIMATOLOGY ...Climatography; Energy Conversion; Model Studies; Paleoclimatology; Physical Climatology; Weather Modification; ...1.0434

SYSTEMS EVALUATION OF REFUSE AS A LOW SULFUR FUEL ...Air Cleaning Devices; Disposal; Incineration; Power Plants; Urban Research -general; ...1.0439

REGIONAL CONTROL COST STUDY IN BUFFALO ...Cost-benefit Analysis; Costs -see Economics Entries; Gases; Urban Research -general; ...1.0452

REGIONAL CONTROL COST STUDY IN PHILADELPHIA ...Costs -see Economics Entries; Gases; Pennsylvania; Urban Research -general; ...1.0453

AIR POLLUTION CONTROL COSTS ASSOCIATED WITH SOLID WASTE DISPOSAL ...Air Pollution-chemistry; Body; Inorganic Gases; Waste Type; ...1.0463

EMISSION AND CONTROL COST STUDY OF THE CEMENT INDUSTRY ...Air Pollution-chemistry; Ceramics; Costs -see Economics Entries; Industrial Wastes; Mineral Processing Industry; Waste Material Recovery; ...1.0464

ENGINEERING AND ECONOMIC STUDY OF PRIMARY ALUMINUM SMELTING INDUSTRY ...Air Pollution; Casting of Materials; Costs -see Economics Entries; Gases; Iron & Steel Industry; ...1.0466

DEVELOPMENT OF A PACKAGE OF ECONOMICALLY IMPORTANT MATERIALS TO MONITOR THE DAMAGING EFFECTS OF AIR POLLUTION ...Air Pollution Effects; Air Pollution Monitoring; Air Pollution-chemistry; Corrosion, Deterioration; Nitrogen and Nitrogen Cpds.; ...1.0468

CAVEN POINT INCINERATOR EVALUATION ...Air Pollution Monitoring; Furnace and Incinerator Design; Furnaces; Legal Studies-general; Particulate Matter - Air Poll.; ...1.0501

THE STATES NECESSARY CHANGES AND MODIFICATIONS IN THE IMPLEMENTATION PLANS FOR SO2 - PARTICULATES - CO - HC AND OXIDANTS (ABBREV) ...Gases; Oxidants; Sulfur Dioxide Removal; ...1.0504

DETERMINE IF THE CONTROL REGULATIONS WILL ACHIEVE THE AIR QUALITY STANDARDS FOR SO2 - PARTICULATES - CO - HC AND OXIDANTS (ABBREV) ...Gases; Model Studies; Oxidants; Sulfur Dioxide Removal; ...1.0505

STATE ASSISTANCE IN STANDARDS FORMULATION ...Air Pollution; Air Pollution-chemistry; Legal Studies-general; Oxidants; ...1.0522

EVALUATION OF ADOPTED AIR QUALITY STANDARDS ...Air Pollution; Air Pollution-chemistry; Legal Studies-general; Oxidants; ...1.0523

NAPCA/AISI SINTER PLANT EMISSION CONTROL DEVELOPMENT PROGRAM ...Air Pollution -see Specifics; Electrostatic; Electrostatic Precipitators; Industrial Wastes; Scrubbers; ...1.0542

AIR CLEANING ...Aerosols; Air Cleaning Devices; Air Pollution Sampling; Air Pollution-chemistry; Electrostatic Precipitators; Filters; Filtration; ...1.0544

A MODEL FOR AIR POLLUTION CONTROL ...Air Pollution; Air Pollution-chemistry; Economic Theory; Gases; Mathematical Models; Model Studies; Weather Data; ...1.0551

CONTROL OF PARTICULATE EMISSIONS FROM GASOLINE ENGINES ...Air Cleaning Devices; Combustion; Engine; Fluidized Bed Reactor; ...1.0552

CONTROL OF AIR CONTAMINANTS IN THE HOME ...Aerosols; Air Cleaning Devices; Air Pollution; Fluid Mechanics; General Sanitation Methods; Home Economics; Noise -see Noise; ...1.0559

FABRIC COMPOSITION AND STRUCTURE STUDY - CHARACTERIZATION OF ABOUT 65 DIFFERENT TYPES OF FABRICS ...Home Economics; ...1.0601

DESIGN OF WET SCRUBBING TEST FACILITIES ...Air Pollution Monitoring; Noise see Noise; Particulate Matter - Air Poll.; Scrubbers; ...1.0603

PARTICULATE CONTROL STUDIES ...Adsorption; Air Pollution Monitoring; Literature Search; Scrubbers; Sulfur Dioxide Removal; ...1.0604

CONTROL OF COMBUSTION CHEMISTRY - KINETICS AND CATALYST ...Air Pollution-chemistry; Catalysts; Combustion; Combustion Air Pollution-gen; Fuels; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0607

PUBLISH NATIONWIDE EVALUATION OF AEROMETRIC DATA ON A REGIONAL BASIS FOR SPECIFIC POLLUTANTS ...Air Pollution-chemistry; Data & Statistics Info Storage; Statistics; ...1.0611

THE DUST LAYER AND PRECIPITATOR EFFICIENCY ...Dust; Electrical Phenomena; Electrostatic; Electrostatic Precipitators; Energy Conversion; ...1.0627

WET SCRUBBER STUDY - VENTURI SCRUBBER AND TURBULENT BED CONTACTOR ...Gases; Mathematical Models; Scrubbers, Sulfur Dioxide Removal; ...1.0663

THE APPLICATION OF THE DIFFRACTION SIZE FREQUENCY ANALYSER TO THE ASSESSMENT OF DUST HAZARDS IN CANADIAN INDUSTRY ...Air Pollution Sampling; Canada; Dust; Occupational Hazards; ...1.0681

MEASUREMENTS FOR AIR QUALITY ...Aerosols; Air Pollution Analysis; Air Pollution-chemistry; Chemical Composition; Gases; Light Scattering Analysis; Raman Spectroscopy; ...1.0687

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution -see Specifics; Atmosphere; Connecticut; Scattering; Urban Research -general; ...1.0690

FEASIBILITY STUDIES TO DETERMINE THE USE OF VARIOUS MATERIALS AS STANDARD REFERENCES FOR AIR POLLUTION MEASUREMENTS ...Air Pollution Monitoring; Energy Conversion; Inorganic Gases; Oxidants; ...1.0692

SPREADING OF LEAD IN RURAL AREAS ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Food Contamination; Lead; Rural Areas; Toxic Substances; Water Pollutants - Path of; X-ray Spectroscopy; ...1.0703

ANALYSIS OF QUARTZ AND OTHER MINERALS IN DUSTS BY DTA ...Air Pollution -see Specifics; Dust; ...1.0723

DEVELOPMENT OF PARTICULATE EMISSION PROCEDURE ...Air Pollution; Air Pollution Sampling; Cars; Combustion; ...1.0727

CONTINUOUS PARTICULATE MONITORS FOR FOSSIL FUEL COMBUSTION SOURCES ...Air Pollution Monitoring; Air Pollution-chemistry; Coal Research; Combustion; Exhaust, Combustion -see Auto; Particulate Matter - Air Poll.; ...1.0733

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Analysis; Air Pollution Monitoring; Combustion; Combustion Air Pollution-gen; Energy Conversion; Heat Balance - Budget; Power Plants; Urban Research -general; ...1.0735

ATOMIC ABSORPTION SPECTROSCOPY WITH A HIGH TEMPERATURE FURNACE ...Air Pollution Monitoring; Atomic Absorption; Clouds - Precipitation; Montana; Particulates and Aerosols; Snow; ...1.0737

CONTROLLED CONVERSION OF GASES INTO DETECTABLE PARTICLES ...Air Pollution Analysis; Chemical Analysis - general; Gases; Rate of Reaction; ...1.0741

BIRMINGHAM SOILING STUDY ...Air Pollution Monitoring; Alabama; Particulate Matter - Air Poll.; ...1.0754

MONITOR STATE, REGIONAL, AND LOCAL PARTICULATE SURVEILLANCE SYSTEMS ...Air Pollution -see Specifics; Air Pollution Sampling; Automatic Weather Stations; ...1.0757

DEVELOP AND EVALUATE A ROUTINE METHOD FOR MEASURING BENZANTHRONE ...Air Pollution-chemistry; Fluorometry; Thin Layer Chromatography; ...1.0764

MEASUREMENT OF VISIBILITY REDUCTION BY PARTICULATES BASED ON OPTICAL PROPERTIES OF URBAN PARTICULATES (ABBREV) ...Air Pollution Analysis; Air Pollution-chemistry; Light Scattering Analysis; Particle Separators; Urban Research -general; ...1.0765

EEI-PHS STUDY ON REMOTE SENSING OF PARTICULATE EMISSIONS FROM POWER PLANT PLUMES--EVALUATION OF PLUME-LIDAR MONITORING SYSTEM (ABBREV) ...Air Pollution Monitoring; Lasers - Masers; Lasers and Masers; Particulates and Aerosols; Scattering; Weather Radar; ...1.0766

FIELD APPLICATION OF DIRECT LASER BACKSCATTER FROM PLUME PARTICULATE FOR DEVELOPING DESIGN & PERFORMANCE CRITERIA FOR FIELD INSTRUMENT (ABBREV) ...Air Pollution Monitoring; Backscatter; Lasers and Masers; Particulates and Aerosols; Power Plants; Weather Radar; ...1.0767

OPERATE NATIONAL PARTICULATE NETWORK AT AN INCREASED SAMPLING FREQUENCY ...Air Pollution -see Specifics; Air Pollution Sampling; Automatic Weather Stations; ...1.0770

OPERATE A SPECIAL PARTICULATE NETWORK UTILIZING MEMBRANE FILTER SAMPLERS ...Air Pollution -see Specifics; Air Pollution Sampling; Air Pollution-chemistry; Asbestos; Automatic Weather Stations; Membranes; Trace Elements; ...1.0771

OPERATE A NATIONAL GLASS-FIBER PARTICULATE NETWORK ...Air Pollution -see Specifics; Air Pollution Sampling; Urban Research -general; ...1.0773

OPERATE A SPECIAL NETWORK FOR DETERMINING THE SIZE DISTRIBUTION OF PARTICULATES BY USE OF CASCADE IMPACTOR ...Air Pollution Analysis; Separation; Urban Research -general; ...1.0781

MONITOR 1) CO-CH4 BY GC, 2) O3 BY CHEMILUMINESCENCE, 3) H2S BY ELECTROLYTIC DETECTORS, & 4) PARTICULATES BY SPOT EVALUATORS (ABBREV) ...Air Pollution Monitoring; Air Pollution Sampling; Air Pollution-chemistry; ...1.0782

PERFORM INTERNATIONAL STUDIES IN SELECTED NATO COUNTRIES TO ASSESS ATMOSPHERIC POLLUTANT CONCENTRATIONS AND EMISSIONS ...Air Pollution Monitoring; Atmospheric Dynamics; Gases; Turkey; Weather Forecasting; ...1.0786

ANALYZE THE CYCLICAL VARIATION OF AIR QUALITY ...Air Pollution-chemistry; Correlation; Time Series Analysis; ...1.0788

ANALYSIS OF FLAVONOLS AND OTHER PHENOLS ...Air Pollution -see Specifics; Air Pollution-chemistry; Bioindicators, Biological Organisms; Natural Sources; Phenols; Pollens -see Air Pollution; ...1.0792

STANDARDIZATION OF METHOD FOR PARTICULATE EMISSIONS FROM MOBILE SOURCES ...Air Pollution; Air Pollution -see Specifics; ...1.0797

INSTRUMENT DEVELOPMENT AND EVALUATION FOR PARTICULATES ...Air Pollution Monitoring; Monitoring Devices; Respiratory Irritants, Inhaled; ...1.0803

COMPLETE A REPORT ON INDOOR-OUTDOOR AIR QUALITY FOR SOX - TSP AND OTHER AIR POLLUTANTS ...Air Pollution -see Specifics; Air Pollution Monitoring; Analytical Instruments; Sulfur Dioxide; Sulfur Dioxide Removal; Urban Environment; Urban Research -general; ...1.0810

DETERMINE TIME-CONCENTRATION-FREQUENCY RELATIONSHIPS IN AQCR'S FOR SOX, PARTICULATES, NO, HC, CO AND OXIDANTS ...Atmospheric Dynamics; Chemical Analysis -general; Energy Conversion; Gases; Nitrogen and Nitrogen Cpds.; Oxidants; Sulfur Dioxide Removal; ...1.0813

ANALYZE SAMPLES OBTAINED FROM THE COOPERATIVE STUDY CONDUCTED IN ENGLAND ...Air Pollution Sampling; Air Pollution-chemistry; British Isles; Combustion; Trace Elements; ...1.0814

ANALYZE COLLECTED PARTICULATE POLLUTANT FOR SOLUBLE NON-METAL IONS ...Air Pollution Sampling; Air Pollution-chemistry; Chemical Analysis -general; ...1.0817

ESTABLISH THE EFFICIENCY OF RECOVERY OF BERYLLIUM FROM SAMPLES OF COLLECTED PARTICULATE MATTER ...Air Pollution-chemistry; Emission Spectroscopy; ...1.0819

WEIGH AND COMPUTE CONCENTRATION OF SUSPENDED PARTICULATE MATTER IN SAMPLES COLLECTED BY THE NASN ...Air Pollution Analysis; Air Pollution-chemistry; Filtration; Membranes; Temperature; ...1.0824

ANALYZE COLLECTED SAMPLES OF SUSPENDED PARTICULATE MATTER FOR BENZENE SOLUBLE ORGANICS AND FOR BENZO(A)PYRENE ...Air Pollution Analysis; Air Pollution-chemistry; Fluorometry; Thin Layer Chromatography; ...1.0825

AIR MONITORING INSTRUMENT LOAN AND CONSULTATION TO ESTABLISH DATA BASE IN AQAR'S ...Air Pollution Monitoring; Air Pollution-chemistry; Fuels; Nitrogen and Nitrogen Cpds.; Oxidation; ...1.0828

ANALYSIS OF LIPIDS IN AEROBIOLOGICAL PARTICLES ...Air Pollution -see Specifics; Air Pollution-chemistry; Biological Organisms; Industrial Pollution -general; Natural Sources; ...1.0829

IMPROVE AND QUANTITATE A TENTATIVE METHOD FOR ASBESTOS ...Air Pollution-chemistry; Asbestos; ...1.0833

DEVELOP & IMPLEMENT OPERATIONAL SYSTEM FOR EVALUATING & COLLABORATIVELY TESTING METHODS RECOMMENDED FOR AIR POLLUTION MEASUREMENT (ABBREV) ...Air Pollution; Air Pollution Analysis; Aldehydes - nonspecific; Carbon Monoxide; Lead; Methane; Nitrogen and Nitrogen Cpds.; ...1.0843

MECHANISMS OF PHOTOCHEMICAL REACTIONS IN URBAN AIR ...Aerosols; Air Pollution-chemistry; Lead; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Urban Research -general; ...1.0869

FORMATION OF NONVOLATILE PARTICULATES FROM ORGANIC VAPORS ...Air Pollution-chemistry; Electromagnetic Radiation; Humidity - Water Vapor; Organic Compounds; Particulates and Aerosols; Solar Radiation -sunshine; ...1.0881

HOMOGENEOUS NUCLEATION IN CONTAMINATED ATMOSPHERES ...Adsorption; Condensation Physics; Gases; Humidity - Water Vapor; ...1.0882

PHYSICAL CHEMISTRY OF AEROSOLS ...Aerosols; Light Scattering Analysis; Refractometry; ...1.0883

NAVY ENVIRONMENT - EFFECT OF ATMOSPHERIC CORONA ON ION SPECTRA AND WEATHER ...Military Aspects; Thunderstorms; Weather Forecasting; ...1.0896

STUDIES OF AIRBORNE PARTICULATES OF SUBMICRON SIZE ...Aerosols; Gases; Model Studies; Radiologic Health; ...1.0899

LASER ANEMOMETER STUDY OF TURBULENT DIFFUSION AND TURBULENT SHEAR FLOWS ...Air Motion Meters; Diffusion; Lasers and Masers; Turbulence; Wind; Wind Tunnels; ...1.0917

FLUXES OF HEAT, MOMENTUM AND TRACERS IN WIND AND WATER TUNNELS ...Air Pollution -see Specifics; Atmospheric Dynamics; Marine Pollution; Radioactive Fallout; Wind; ...2.0078

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl. Adsorption); Arsenic; Chemical Properties; Contamination - Soil; Industrial Wastes; Precipitation; Soil Chemical Properties; Water Pollutants - Path of; ...2.0862

METEOROLOGY FOR NUCLEAR TESTING ...Aleutian Islands; Computer Models; Forecasting - Prediction; Mississippi; Nevada; Radioactive Fallout; Solar Radiation -sunshine; Weather Forecasting; ...5.0003

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

CHARACTERISTICS OF URANIUM MINE ATMOSPHERES ...Aerosols; Air Pollution Monitoring; Mine Atmosphere Conditions; Radioactivity; Uranium; ...5.0875

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution Effects; Energy Conversion; Environmental Hazards; Occupational Hazards; Radiation Instruments; Radioactive Isotopes; Radiologic Health; ...5.0877

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Aerosols; Balloons; Electrical Phenomena; Gamma Radiation; Mineral Processing Industry; Radiation -terrestrial; Radioactivity; Uranium; ...5.0879

ANALYZE SELECTED HI-VOL SAMPLES FOR GROSS-BETA RADIATION ...Atomic Plants; Beta Particles; Radioactive Isotopes; Radioactivity; ...5.0907

Pest Control

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

Pollen -see Pollen

AIR-SPORA IN HAWAII ...Air Pollution -see Specifics; Atmospheric Dynamics; Fungi -nonspecific; Humidity - Water Vapor; Organic Compounds; Plant Pathogenetic Fungi; Pollens -see Air Pollution; Tropical Regions; Wind; ...1.0045

AEROBIOLOGICAL SURVEY IN THE NORTHERN ROCKY MOUNTAINS AND PLAINS ...Air Pollution -see Specifics; Biological Organisms; Contamination -see Air & Water; Montana; Pollens -see Air Pollution; Seasonal Distribution; Vertical Distribution; ...1.0070

CHANGING VEGETATION AND ATMOSPHERIC POLLEN ...Air Pollution -see Specifics; Economics of Natural Resources; Lakes; Plant Competition; Rural Areas; Urban Environment; Wind -see Air Motion; ...1.0076

TRAVELS OF AIRBORNE POLLEN ...Air Pollution; Air Pollution -see Specifics; Atmospheric Dynamics; Engineering Sources-other; Mathematical Models; Range Or Territorial Distr.; Urban Environment; ...1.0079

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Air Pollution Sampling; Atmospheric Dynamics; Energy Conversion; Gases; Mathematical Analysis; Particulates - Air Pollution; Smoke; Turbulence; ...1.0091

CONTINUE QUANTITATIVE STUDIES OF RAGWEED POLLEN IN SARATOGA SPRINGS, NEW YORK IN RELATION TO DIURNAL VARIATIONS, LOCATION AND OTHER CONDITIONS ...Air Pollution Sampling; Atmospheric Dynamics; Diel, Diurnal Distribution; Humidity - Water Vapor; Temperature - Air; ...1.0256

Power Plants

LIDAR STUDY ...Atmospheric Dynamics; Lasers and Masers; Particulates - Air Pollution; Particulates and Aerosols; Pennsylvania; Weather Radar; ...1.0012

METEOROLOGY FOR URBAN AIR POLLUTION RESEARCH ...Air Pollution Effects; Atmospheric Dynamics; Diffusion; Particulates - Air Pollution; Urban Research -general; Weather Radar; ...1.0026

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Coal Research; Energy Conversion; Heating Units; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers; Wind Tunnels; ...1.0031

SULFUR DIOXIDE DECAY ...Air Pollution-chemistry; Atmospheric Dynamics; Combustion; Diffusion; ...1.0092

DATA ANALYSIS OF LAPPES ...Atmospheric Dynamics; Climatology; Energy Conversion; Gases; ...1.0104

TVA PLUME STUDIES ...Air Pollution-chemistry; Combustion; Furnace and Incinerator Design; Particulates - Air Pollution; ...1.0141

ATMOSPHERIC DIFFUSION STUDIES - LIDAR PLUME STUDY ...Diffusion; Lasers and Masers; Smoke; Tennessee; Weather Radar; ...1.0145

INFRARED SPECTROSCOPIC ANALYSIS OF TRACE POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Combustion; Fluidized Bed Reactor; Infrared Spectroscopy; Trace Analysis; ...1.0165

SYSTEMS EVALUATION OF REFUSE AS A LOW SULFUR FUEL ...Air Cleaning Devices; Disposal; Incineration; Urban Research -general; ...1.0439

TECHNICAL AND ECONOMIC FEASIBILITY OF OIL-FIRED COGAS POWER STATIONS ...Electric Power Plants; Turbines; Water Quality Control -general; ...1.0448

MINERAL FUELS AND THE ENVIRONMENT - THE CASE OF INDUSTRIAL FUEL USERS ...Air Pollution-chemistry; Fuels; Iron & Steel Industry; ...1.0474

PRIVATELY OWNED POWER PLANTS - FEDERAL CONTRACTS ...Air Pollution-chemistry; General Information Services; Power Plants -see Specifics; ...1.0500

CLIMATOLOGY ...Applied Climatology; Atmospheric Dynamics; Diffusion; Management; Planning; ...1.0510

STUDY OF PETROGRAPHIC AND MINERALOGICAL CHARACTERISTICS OF CARBONATE ROCKS RELATED TO SULFUR OXIDE SORPTION IN FLUE GASES ...Absorption - Chemistry; Carbonates; Environmental Geology; Microscopy; Trace Element Analysis; ...1.0553

CHARACTERISTICS AND REMOVAL OF PYRITE FROM AMERICAN COALS ...Air Pollution-chemistry; Desulfurization; Energy Conversion; Heating Systems; Separation; Washing; ...1.0631

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Analysis; Air Pollution Monitoring; Combustion; Combustion Air Pollution-gen; Energy Conversion; Heat Balance - Budget; Urban Research -general; ...1.0735

START OF FIELD STUDY OF IR EMISSION SPECTRA FROM SO2 IN POWER PLANT PLUMES ...Air Pollution-chemistry; Exhaust, Combustion -see Auto; Gases; Infrared Spectroscopy; Power Plants -see Specifics; ...1.0752

EEI-PHS STUDY ON REMOTE SENSING OF PARTICULATE EMISSIONS FROM POWER PLANT PLUMES--EVALUATION OF PLUME-LIDAR MONITORING SYSTEM (ABBREV) ...Air Pollution Monitoring; Lasers - Masers; Lasers and Masers; Particulates and Aerosols; Scattering; Weather Radar; ...1.0766

FIELD APPLICATION OF DIRECT LASER BACKSCATTER FROM PLUME PARTICULATE FOR DEVELOPING DESIGN & PERFORMANCE CRITERIA FOR FIELD INSTRUMENT (ABBREV) ...Air Pollution Monitoring; Backscatter; Lasers and Masers; Particulates - Air Pollution; Particulates and Aerosols; Weather Radar; ...1.0767

SAMPLING OF SO2 CONCENTRATIONS AND RELATED METEOROLOGY ...Air Pollution Sampling; Aircraft; Atmospheric Dynamics; Data Acquisition; Tracers; ...1.0787

SO2 WASHOUT ...Atmospheric Dynamics; ...2.0421

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate, Dose Fractionation; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies - general; Water Pollution Sources; ...5.0881

Pulp and Paper

EMISSIONS FROM THE PULP AND PAPER INDUSTRY - ANALYSIS OF SAMPLES ...Air Pollution Sampling; Chemical Analysis -general; Gases; Noise -see Noise; Odor; Pulp and Paper Wastes; ...1.0111

SOURCE TESTS OF PULP AND PAPER MILLS ...Air Pollution Sampling; Gas Chromatography; Noise -see Noise; Particulates - Air Pollution; Pulp and Paper Wastes; ...1.0112

WRITE REPORT OF PULP AND PAPER STUDY ...Pulp and Paper Wastes; Survey Studies (water); ...1.0113

THE EFFECTS OF ATMOSPHERIC POLLUTION ON EPIPHYTES ...Air Pollution Monitoring; Bryophyta; Idaho; Iron & Steel Industry; Montana; Pseudotsuga; Range Or Territorial Distr.; ...1.0421

PAPER AND FIBERBOARD PROCESSES ...Additives; Combustion Air Pollution-gen; Fabrication; Industrial Wastes; Materials, Composite; Solanum; ...3.0407

Radioactive Fallout

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Nuclear Detonations; Radiotracers -see Tracers; Snow; Troposphere; ...1.0002

DYNAMICAL MECHANISMS PRODUCING LARGE-SCALE ATMOSPHERIC TRANSPORT OF TRACE SUBSTANCES ...Atmospheric Dynamics; Diffusion; Mass Transport; Stratosphere; Upper Atmospheric Sounding; ...1.0014

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Model Studies; Nevada; Precipitation Forecasting; Seismology; Weather Forecasting; ...1.0021

CONTUNUOUS MEASUREMENTS OF AIRBORNE AND PRECIPITATION RADIOACTIVITY AND METEOROLOGICAL APPLICATION ...Atmospheric Dynamics; Fallout -see Radioactive; Nuclear Detonations; Scintillation Counting; Spectrographic Techniques; Tracers; Troposphere; ...1.0044

THE USE OF LEAD-210 TO TRACE TRANSPORT PROCESSES IN THE FREE ATMOSPHERE ...Advection; Air Pollution Sampling; Lead, Mass Transport; Stratosphere; Tracers; ...1.0089

ATMOSPHERIC DIFFUSION AND TURBULENCE ...Atmospheric Structure; Diffusion; Dust; Mass Transport; Stratosphere; Turbulence; ...1.0154

FALLOUT PHENOMENOLOGY ...Atmospheric Dynamics; Fallout -see Radioactive; Heat Balance - Budget; Mesometeorology; Nuclear Detonations, Tracers; Wind; ...1.0158

HIGH ALTITUDE BALLOON SAMPLING PROGRAM (PROJECT HIBAL) ...Air Pollution Sampling; Atmospheric Structure; Australia; Fallout -see Radioactive; Stratosphere; ...1.0668

RADIONUCLIDES IN STRATOSPHERIC AIR ...Air Pollution Sampling; Atmospheric Dynamics; Fallout -see Radioactive; Radioactivity; Radioactivity, Natural; Stratosphere; ...1.0744

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - SUBPROJECT I - DETAILED EXPLORATION OF CS-137 AND CS-133 IN THE OCEAN ...Atmospheric Dynamics; Marine Environments; Ocean Circulation -general; Pacific Ocean; Radioactivity; Sea Water Mass & Ocean Fronts; Trace Elements; ...2.0050

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Activation Analysis; Cesium; Fish; Marine Animals; Radioactivity; Sea Water Sampling, Zinc; ...2.0051

FLUXES OF HEAT, MOMENTUM AND TRACERS IN WIND AND WATER TUNNELS ...Air Pollution -see Specific; Atmospheric Dynamics; Marine Pollution; Wind; ...2.0078

WORKSHOP ON EFFECTS OF ATOMIC RADIATION ON OCEANOGRAPHY ...Environmental Hazards; Marine Environments; Meetings; Sea Water Chemistry; ...2.0091

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Ocean Circulation -general; Radioactivity; ...2.0187

SILTATION RATES AND LIFE EXPECTANCIES OF SMALL HEADWATER RESERVOIRS IN MONTANA ...Chemical Water Properties; Geology -general; Morphology; Reservoirs and Impoundments; ...2.0235

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

RADIOCARBON IN THE SEA ...Carbon; Marine Biology - General; Ocean Mixing; Polar Oceanic Areas; Radioactivity; Ships and Cruises; Wind; ...2.0427

EFFECTS OF LIMNOLOGICAL FACTORS ON UPTAKE OF 137CS BY FISH ...Acidity (water); Analysis of Variance; Aquatic Ecology - Animal; Chemical Analysis (water); Lakes; Organic Water Properties; Regression Analysis; ...2.1593

METEOROLOGY FOR NUCLEAR TESTING ...Aleutian Islands; Computer Models; Forecasting - Prediction; Mississippi; Nevada; Solar Radiation -sunshine, Weather Forecasting; ...5.0003

STUDIES OF DEPOSITION AND REDISTRIBUTION OF DEBRIS FROM SPECIFIC NUCLEAR EVENTS ...Air Pollution Analysis; Analytical Instruments; Atmospheric Dynamics; Micrometeorology; Model Studies; Nevada; Radioactivity; ...5.0005

*CHARACTERIZATION OF RADIOACTIVE PARTICLES PRODUCED BY NUCLEAR DETONATION ...Air Pollution Analysis; Fallout -see Radioactive; Nuclear Detonations; Radiation Effects - Biological; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Spectrographic Techniques; ...5.0007

RADIOACTIVE FALLOUT FORMATION ...Chemical Mechanisms & Kinetics; Condensation; Condensation Physics; Fallout -see Radioactive; Forecasting - Prediction; Rate of Reaction; ...5.0047

AEC OFF-SITE RADIOLOGICAL SAFETY PROGRAM ...Atomic Plants; Food Contamination; Nuclear Detonations; Radioactivity; Thermoluminescent Detectors; ...5.0050

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Environmental Hazards; Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

EFFECTS OF RADIATION FROM NUCLEAR EXPLOSIONS ON NATURAL VEGETATION ...Geochemical Investigations; Nuclear Detonations; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Seismology; ...5.0203

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Tropical Regions; ...5.0218

TRITIATED HYDROGEN IN THE ATMOSPHERE - OF A NEW ULTRA-SENSITIVE TECHNIQUE FOR ENVIRONMENTAL SAMPLING IN NATURE AND INDUSTRY (ABBREV.) ...Adsorption; Air Pollution-chemistry; Atmospheric Dynamics; Catalysis, Heterogeneous; Combustion; Detectors and Sensors; Industrial Wastes, Radioactivity; ...5.0813

Radioactivity

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Nuclear Detonations; Radioactive Fallout; Radiotracers -see Tracers; Snow; Troposphere; ...1.0002

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Model Studies; Nevada; Precipitation Forecasting; Radioactive Fallout; Seismology; Weather Forecasting; ...1.0021

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon: Contamination - Water; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Seismology; Strontium; ...1.0025

METEOROLOGY FOR NUCLEAR REACTORS ...Atmospheric Dynamics; Automatic Weather Stations; Fluid Mechanics; Ohio; Urban Research -general; ...1.0027

THE ROLE OF THE GENERAL CIRCULATION OF THE ATMOSPHERE IN RADIOACTIVE DEBRIS TRANSPORT ...Air Motion; Bibliography; Fallout -see Radioactive; Mass Transport; Tropopause; Upper Atmospheric Circulation; ...1.0032

PROVIDE INFORMATION ON EMISSIONS FROM NUCLEAR FACILITIES ...Air Pollution Monitoring; Atomic Plants; Impact on Environment; ...1.0095

NUMERICAL STUDIES OF TURBULENT FLOW ...Atmospheric Dynamics; Energy Conversion; Meteorologic Instruments -gen.; Model Studies; Particulates - Air Pollution; Radioactive Isotopes; Wind; ...1.0144

ATMOSPHERIC DIFFUSION, DEPOSITION, AND TRANSPORT PHENOMENA ...Atmospheric Dynamics; Energy Conversion; Particulates - Air Pollution; Turbulence; ...1.0159

APPLICATIONS OF CRYOGENIC TECHNIQUES TO PROBLEMS IN AIR POLLUTION ...Air Pollution Monitoring; Atomic Plants; Combustion; Detectors and Sensors; Gases; Nuclear Reactor; Temperature Effects; ...1.0624

TRANSPORT, DEPOSITION, AND METEOROLOGICAL STUDIES OF NUCLEAR DEBRIS IN THE ATMOSPHERE ...Air Pollution Sampling; Atmospheric Dynamics; Atmospheric Structure; Circulation - Patterns; Fission Products-see Radioact.; Stratosphere; Troposphere; ...1.0713

RADIONUCLIDES IN STRATOSPHERIC AIR ...Air Pollution Sampling; Atmospheric Dynamics; Fallout -see Radioactive; Radioactive Fallout; Radioactivity, Natural; Stratosphere; ...1.0744

RADIOACTIVITY AND TRACE ELEMENTS IN SURFACE AIR ...Air Pollution Sampling; Antarctica; Atmospheric Dynamics; Hawaii; Lead; ...1.0745

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - SUBPROJECT I - DETAILED EXPLORATION OF CS-137 AND CS-133 IN THE OCEAN ...Atmospheric Dynamics; Marine Environments; Ocean Circulation -general; Pacific Ocean; Sea Water Mass & Ocean Fronts; Trace Elements; ...2.0030

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Precipitation Gages; Radiotracers -see Tracers; Tracers; ...2.0133

RAIN SCAVENGING STUDIES ...Air Pollution; Atmosphere Disturbance; Cloud Physics; Diffusion; Lead; Tracers; ...2.0194

STRONTIUM-90 FALLOUT OVER THE OCEAN ...Atlantic Ocean; Marine Environments; Ocean Circulation -general; Ocean Mixing; Precipitation Gages; Rain; Sea Water Sampling; ...2.0270

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Rain Patterns; Snow; Turbulence; ...2.0415

IN-CLOUD SCAVENGING ...Adsorption Capacity; Atmospheric Dynamics; Cloud Motions - Movement; Model Studies; Radioactive Fallout; Tracers; Wind; ...2.0417

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Marine Geology; Mercury; Pacific Ocean; Sea Water Sampling; Trace Analysis; ...2.0418

GEOCHEMICAL OCEAN SECTION STUDY ...Activation Analysis; Chemical Composition; Gamma Spectroscopy; Marine Geology; Radioactive Isotopes; Sea Water Chemistry; Trace Analysis; ...2.0844

METEOROLOGY FOR NUCLEAR TESTING ...Aleutian Islands; Computer Models; Forecasting - Prediction; Mississippi; Nevada; Radioactive Fallout; Solar Radiation -sunshine; Weather Forecasting; ...5.0003

STUDIES OF DEPOSITION AND REDISTRIBUTION OF DEBRIS FROM SPECIFIC NUCLEAR EVENTS ...Air Pollution Analysis; Analytical Instruments; Atmospheric Dynamics; Micrometeorology; Model Studies; Nevada; Radioactive Fallout; ...5.0005

VARIATION IN THE ISOTOPIC CONTENT OF PRECIPITATION WITH ALTITUDE ...Chile; Precipitation; ...5.0018

DETERMINATION OF 18-O/16-O RATIO IN PRECIPITATIONS (RAIN AND SNOW) ...Radioisotopes; Rain; Snow; ...5.0034

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

AEC OFF-SITE RADIOLOGICAL SAFETY PROGRAM ...Atomic Plants; Food Contamination; Nuclear Detonations; Radioactive Fallout; Thermoluminescent Detectors; ...5.0050

RADIATION PATHWAYS STUDIES ...Environmental Aspects; Hydrogen; Iodine; Nuclear Detonations; Radiation Injury Prevention; Recovery - Production; Zinc; ...5.0061

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Environmental Hazards; Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactive Hazard; X and Gamma Rays; ...5.0065

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Mineralogy; Soil Chemical Properties; Troposphere; ...5.0089

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Aerosols; Barium; Cerium; Fission Products-see Radioact.; Praseodymium; Strontium; Yttrium; ...5.0446

INVESTIGATIONS OF THE BIOLOGICAL EFFECTS OF RADIATION - A MULTI-DISCIPLINE APPROACH ...Dosimetry; Environmental Hazards; Ionizing Radiation -see Rad.; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0561

HIGH ALTITUDE RADIATION INSTRUMENT SYSTEM ...Aerospace Studies; Aircraft Remote Sensing; Environmental Hazards; Ionization Chambers; Radiation Detectors; Spectrographic Techniques; ...5.0786

MEASUREMENTS OF NATURAL RADIOCARBON AND TRITIUM ...Carbon - 14 Dating; Dendrochronology; Marine Environments; Precipitation; Radioactivity, Natural; Sea Water Mass & Ocean Fronts; ...5.0790

TRITIATED HYDROGEN IN THE ATMOSPHERE - OF A NEW ULTRA-SENSITIVE TECHNIQUE FOR ENVIRONMENTAL SAMPLING IN NATURE AND INDUSTRY (ABBREV.) ...Adsorption; Air Pollution-chemistry; Atmospheric Dynamics; Catalysis, Heterogeneous; Combustion; Detectors and Sensors; Industrial Wastes; ...5.0813

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Air Occupation - Avocation; Aviation Medicine; Protons; Spectrographic Techniques; ...5.0863

INSTRUMENTATION AND METHODS FOR THE MEASUREMENT OF RADIOACTIVE AIR CONTAMINANTS ...Dosimetry; Monitoring; Uranium; ...5.0876

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution Effects; Energy Conversion; Environmental Hazards; Occupational Hazards; Radiation Instruments; Radioactive Isotopes; Radiologic Health; ...5.0877

ANALYTICAL INSTRUMENTATION FOR MEASUREMENT OF ENVIRONMENTAL SAMPLES ...Air Pollution Sampling;

Analytical Instruments; Radiation Shielding; Radioactive Isotopes; Scintillation Counting; ...5.0075

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Aerosols; Balloons; Electrical Phenomena; Gamma Radiation; Mineral Processing Industry; Radiation -terrestrial; Uranium; ...5.0079

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate, Dose Fractionation; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies - general; Water Pollution Sources; ...5.0081

OPERATE A RADIATION ALERT NETWORK ...Air Pollution Sampling; Automatic Weather Stations; Beta Particles; Instrumentation; Radiologic Health; ...5.0906

ANALYZE SELECTED HI-VOL SAMPLES FOR GROSS-BETA RADIATION ...Atomic Plants; Beta Particles; Particulates - Air Pollution; Radioactive Isotopes; ...5.0907

Refuse Dumps

UPDATE NAPCA DATA FILE OF NATION-WIDE EMISSIONS ...Air Pollution-chemistry; Combustion; Fluorine; Lead; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Statistics; ...1.0099

AIR POLLUTION CONTROL COSTS ASSOCIATED WITH SOLID WASTE DISPOSAL ...Air Pollution-chemistry; Body; Inorganic Gases; Particulates - Air Pollution; Waste Type; ...1.0463

Ships

DATA PROCESSING - FEDERAL INSTALLATIONS ...Air Pollution; Airplanes; Data Reduction and Analysis; Facilities; ...1.0516

Smog

BIOLOGY AND CONTROL OF DISEASES OF CONIFER FORESTS OF CALIFORNIA AND HARDWOOD FORESTS OF HAWAII ...Elevation Levels, Altitude; Fomes; Forest Pathology; Fungal Resistance; Loranthaceae; Pinus Ponderosa; ...1.0300

VARIABLE TOXIC RESPONSE AS A MEANS OF OBTAINING SMOG-RESISTANT PLANTS ...Growth; Herbicides and Other Chem; Pathological Physiology; Plant Response to Env. -ns; Scophulariaceae; ...1.0314

EFFECTS ON FOREST TREES OF LONG-TERM EXPOSURE TO LOW CONCENTRATIONS OF AIR POLLUTANTS ...Fluorine; Forest Pathology; Pinus Strobus; Pollutant Resistance; Smoke -see Air Pollution; ...1.0384

PLANT GROWTH RESPONSES TO AIR POLLUTANTS ...Air Pollution -see Specifics; Growth; Herbicides and Other Chem; Metabolism; Sulfur Dioxide; Transpiration and Evap; ...1.0415

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Agricultural Economics; Air Pollution-chemistry; Forest Environment -general; Land Use; Losses Due to Pollution; Recreation, Water Resources; Remote Sensing; Value; ...1.0456

EVALUATION & APPLICATION OF CONVAIR IR SPECTROPHOTOMETER FOR LONGPATH ABSORPTION SPECTRA OF OXIDIZING ATMOSPHERE (WEST COAST) (ABBREV) ...Air Pollution Analysis; Analytical Instruments; California; Infrared Radiation; Oxidizing Atmosphere; Spectrographic Techniques; ...1.0679

AEROSOL MEASUREMENTS IN LOS ANGELES SMOG ...Aerosols; Air Pollution Analysis; Air Pollution Monitoring; California; Chemical Analysis -general; Coagulation; Data & Statistics Info Storage; ...1.0732

FIELD PERFORMANCE EVALUATION AND APPLICATION OF BENDIX OZONE MONITOR TO SMOG ATMOSPHERE IN LOS ANGELES ...Air Pollution Monitoring; Air Pollution-chemistry; California; ...1.0751

CHEMISTRY OF SINGLET OXYGEN FROM OZONE SOURCES ...Air Pollution-chemistry; Gases; Oxidation; Ozonization; Photochemical Reactions; ...1.0894

ELEMENTARY REACTIONS IN PHOTOCHEMICAL SMOG ...Air Pollution-chemistry; Atmospheric Dynamics; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Rate of Reaction; ...1.0907

Smoke

TRANSVERSE JET PLUMES ...Air Motion Meters; Energy Conversion; Sampling; Tracers; Wind Tunnels; ...1.0087

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Air Pollution Sampling; Atmospheric Dynamics; Energy Conversion; Gases; Mathematical Analysis; Particulates - Air Pollution; Turbulence; ...1.0091

COMPLETE THE ENGLAND SMOKESHADE - U.S. PARTICULATE COMPARISON STUDY ...Air Pollution -see Specifics; British Isles; Mathematical Analysis; Particulates - Air Pollution; Statistics; ...1.0101

ATMOSPHERIC DIFFUSION STUDIES - LIDAR PLUME STUDY ...Diffusion; Lasers and Masers; Power Plants; Tennessee; Weather Radar; ...1.0145

COMPOSITION AND DISTRIBUTION OF FOREST FIRE SMOKE ...Abies; Air Pollution -see Specifics; Chemical Analysis -general; Combustion Air Pollution-gen; Fire Research -see Forest Fire; Larix; Mathematical Models; ...1.0156

FLAME RETARDANTS AND AIR POLLUTION FROM SLASH BURNING ...Air Pollution-chemistry; Atmospheric Dynamics; Combustion Air Pollution-gen; Fire Research -see Forest Fire; Forest Fires -see Fire; Smoke -see Air Pollution; ...1.0161

THE CONTRIBUTION OF FOREST FIRES TO ATMOSPHERIC POLLUTION ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Fire Behavior - Identification; Fire Damage, Recovery; Fire Research -see Forest Fire; ...1.0162

INFRARED SPECTROSCOPIC ANALYSIS OF TRACE POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Combustion; Fluidized Bed Reactor; Infrared Spectroscopy; Power Plants; Trace Analysis; ...1.0165

BIOENGINEERING ASPECTS OF AIR POLLUTION ...Aerosols; Air Pollution -see Specifics; Models (physical) of Anim.&man; Respiratory Irritants, Inhaled; Smog -see Air Pollution; Tobacco - cigarettes; ...1.0677

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Analysis; Air Pollution Monitoring; Combustion; Combustion Air Pollution-gen; Energy Conversion; Heat Balance - Budget; Power Plants; Urban Research -general; ...1.0735

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Visibility; Weather Data; ...1.0837

ATMOSPHERIC POLLUTION BY DIESEL ENGINES ...Air Pollution Monitoring; Combustion; Diesel Equipment; Engines; ...1.0850

Stock Yards

STABILIZATION OF ORGANIC WASTES FROM CATTLE FEEDLOTS IN SEMI-ARID CLIMATES BY COMPOSTING TECHNIQUES ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Bos; Farm Animal Wastes; Semi - Arid Regions; ...3.0012

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Waste Disposal on Soils; Water Table; ...3.0093

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

Tanneries - Rendering Plants

AN EMISSION AND CONTROL STUDY OF THE RENDERING INDUSTRY ...Air Pollution; Data Acquisition; Economic Geology -general; Industrial Wastes; Noise -see Noise; Odor; ...1.0455

Trucks

ASSIST OCS IN THE DEVELOPMENT OF COMPUTERIZED SYSTEM FOR PROJECTING MOTOR VEHICLE EMISSIONS AND SUPPLY ADJUNCT ANALYSES ...Air Pollution; Characteristics; Engine; Nitrogen and Nitrogen Cpds.; Traffic Engineering; ...1.0093

PRODUCTS OF COMBUSTION OF DISTILLATE FUELS FOR MOTIVE POWER ...Buses; Combustion; Diesel Equipment; Fuels; Nitrogen and Nitrogen Cpds.; Odor; ...1.0124

Air Pollution -see Specifics

CHARACTERIZING ASBESTOS-BEARING AEROSOLS ...Aerosols; Asbestos; Diffraction; Microscopy; Respirstory Irritants, Inhaled; ...1.0004

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Air Pollution-chemistry; Combustion; Effects; Mechanism Determination; Oxidants; Photochemical Reactions; Solar Radiation - sunshine; ...1.0006

AIR POLLUTION FROM FOREST AND AGRICULTURAL BURNING ...Combustion; Fire Research -see Forest Fire; Gramineae -other; Plant Waste Removal, Treatment; ...1.0016

ATMOSPHERIC POLLUTION AND ISLAND OF HEAT ...Temperature & Humidity Effects; ...1.0019

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Coal Research; Energy Conversion; Heating Units; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers; Wind Tunnels; ...1.0031

JET AIRCRAFT AIR POLLUTION ...Aircraft; Aviation Safety; ...1.0040

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS ...Carbon Monoxide; Fire Behavior - Identification; Fire Prevention; Fire Research -see Forest Fire; Forest Environment -general; Forest Litter, Duff & Humus; Pinus Taeda; ...1.0043

AIR-SPORA IN HAWAII ...Atmospheric Dynamics; Fungi -nonspecific; Humidity - Water Vapor; Organic Compounds; Plant Pathogenetic Fungi; Pollens -see Air Pollution; Tropical Regions; Wind; ...1.0045

PRODUCTION PRACTICES FOR FRUITS ...Cold Resistance; Fruit, Nut, and Berry Crops; Indiana; Prunus Persica; Temperature - Air; ...1.0054

SWINE HOUSING ENVIRONMENT ...Corrosion, Deterioration; Farm Structures & Design; Humidity; Sus; Wind -see Air Motion; ...1.0055

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Combustion Air Pollution-gen, Gases; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds., Particulates - Air Pollution, Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics; ...1.0061

COMBUSTION PRODUCTS FROM THE INCINERATION OF PLASTICS ...Occupational Hazards; Toxic Substances; Toxicology; ...1.0065

AIR STERILIZATION ...Aerosols - Smokes, Fogs, Steam; Air Purification; Food Contamination; General Sanitation Methods, Microorganism-see Cell. Catab.; Salmonella -nonspecific & -ot.; Sterilization; ...1.0066

AEROBIOLOGICAL SURVEY IN THE NORTHERN ROCKY MOUNTAINS AND PLAINS ...Biological Organisms; Contamination -see Air & Water; Montana; Pollens -see Air Pollution; Seasonal Distribution; Vertical Distribution; ...1.0070

CHANGING VEGETATION AND ATMOSPHERIC POLLEN ...Economics of Natural Resources; Lakes; Plant Competition; Pollen -see Pollen; Rural Areas; Urban Environment; Wind -see Air Motion; ...1.0076

TRAVELS OF AIRBORNE POLLEN ...Air Pollution; Atmospheric Dynamics; Engineering Sources-other; Mathematical Models; Pollen -see Pollen; Range Or Territorial Distr.; Urban Environment; ...1.0079

COMPLETE THE ENGLAND SMOKESHADE - U.S. PARTICULATE COMPARISON STUDY ...British Isles; Mathematical Analysis; Particulates - Air Pollution; Statistics; ...1.0101

DEVELOP ATMOSPHERIC MODELS ...Air Pollution; Atmospheric Dynamics; Model Studies; ...1.0109

ATMOSPHERIC DUST AND MOLD SPORE STUDIES ...Dust; Health & Geographic Factors; Mercury; North Dakota; Phosphorus and Phosphorus Cpds; ...1.0115

3 - YEAR BATTELLE COMBUSTION STUDY ...Air Pollution-chemistry; Combustion; ...1.0119

TURBOPROPULSION EXHAUST EMISSIONS INVESTIGATIONS ...Engines; ...1.0147

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Catalysts; Combustion; Fire Research -see Forest Fire; Food Contamination; Fuels; Mass Spectroscopy; Pyrolysis; Thin Layer Chromatography; ...1.0149

COMPOSITION AND DISTRIBUTION OF FOREST FIRE SMOKE ...Abies; Chemical Analysis -general; Combustion Air Pollution-gen; Fire Research -see Forest Fire; Larix; Mathematical Models; ...1.0156

ANALYSIS OF THE ATMOSPHERIC PHOTOCHEMICAL REACTION PRODUCTS OF TERPENES ...Air Pollution-chemistry; Chemical Analysis -general; Conifers; Photochemical Reactions; ...1.0157

THE CONTRIBUTION OF FOREST FIRES TO ATMOSPHERIC POLLUTION ...Air Pollution-chemistry; Combustion; Fire Behavior - Identification; Fire Damage, Recovery; Fire Research - see Forest Fire; Smoke; ...1.0162

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN BIRMINGHAM, ALABAMA ...Air Pollution Monitoring; Air Pollution Sampling; Alabama; Urban Environment; Urban Research -general; ...1.0168

CHRONIC LUNG DISEASE IN NEW GUINEA POPULATIONS ...Fungi -nonspecific; Respiratory Disease; Rural Areas; ...1.0169

BIOLOGICAL EFFECTS OF GASEOUS IONS ...Bacteria -nonspecific; Cell Injury and Autolysis; Environmental Physiology, Gases; Growth; Muridae; Protozoa; ...1.0170

TOBACCO SMOKE AND LUNG BIOCHEMISTRY ...Cell Injury and Autolysis; Mammals -nonspecific; Respirstory Irritants, Inhaled; Toxicology; ...1.0171

EFFECTS OF CIGARETTE SMOKE ON THE PULMONARY LYMPHORETICULAR SYSTEM ...Muridae; Respiratory Irritants, Inhaled; Tobacco -cigarettes; Toxicology; ...1.0172

EFFECT OF POLLUTANTS ON PULMONARY BACTERIAL DEFENSE ...Bioassays; Gases; Muridae; Phagocytosis; Respiratory Irritants, Inhaled; Staphylococcus Aureus; ...1.0174

ANATOMY OF THE RESPIRATORY SYSTEM IN HEALTH AND DISEASE ...Gallus Domesticus; Mammals -nonspecific; Quail; Respiratory Disease; Vertebrate Anatomy; ...1.0175

CHEMICAL ELEMENTS OF BIOLOGICAL FLUIDS AND TISSUES ...Digestive System - Human; Radiologic Health; ...1.0176

SMOG EYE IRRITATION - EXPERIMENTAL AND CLINICAL STUDIES ...Cellular Biosynthesis; Mammals -nonspecific; Smog - see Air Pollution; ...1.0178

INHALATION OF WHOLE SMOKE, SYNTHETIC SMOG, & AMBIENT AIR ON THE RESPIRATORY TRACT & OTHER ORGANS OF PATHOGEN-FREE MICE (ABBREV) ...Aerosols; Carbon Monoxide; Muridae; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0179

RESPIRATORY TRACT AIR POLLUTANTS AND BIOLOGICAL AGENTS ...Caviidae; Diplococcus Pneumoniae; Muridae; Pleuropneumonia Group; Respiratory Disease; Smog -see Air Pollution; Sulfur Dioxide; ...1.0180

ACUTE TOXICITY OF HEATED ASBESTOS ...Asbestos; Muridae; Occupational Hazards Respiratory Irritants, Inhaled; Toxicology; ...1.0181

CARBON MONOXIDE AND HUMAN INFORMATION PROCESSING ...Carbon Monoxide; Learning and Retention; Mammals -nonspecific; Psychology, Sensory & Perceptual Processes; Toxicology; ...1.0182

BIOCHEMICAL EFFECTS OF AIR POLLUTANT OXIDANTS ...Air Pollution-chemistry; Cell Injury and Autolysis; Gases; Oxidation; ...1.0183

AN EVALUATION OF THE HEALTH EFFECTS OF AIR POLLUTION IN ALBERTA ...Canada; ...1.0184

BIOCHEMICAL AND HISTOCHEMICAL INVESTIGATIONS OF ENZYME SYSTEMS IN MAMMALIAN LUNG ...Biochemical Analysis - Tissues; Catalysts; Mammals -nonspecific; Respiratory Irritants, Inhaled; Spectrographic Techniques; ...1.0187

EFFECTS OF DENTAL AEROSOLS ON OPERATORY AND SUBMARINE ENVIRONMENTS ...Aerosols; Bacterial Toxins - nonspecific; Environmental Effects - Human; Military Personnel; Oral Bacteria; Submarine & Diving Medicine; ...1.0190

EFFECT OF EXPOSURE TO THE TOTAL SUBMARINE ATMOSPHERIC ENVIRONMENT ON PHYSIOLOGICAL FUNCTIONS ...Aerosols; Carbon Monoxide; Environmental Effects - Human; Military Personnel; Respiratory Irritants, Inhaled; Submarine & Diving Medicine; Toxicology; ...1.0191

ATMOSPHERIC POLLUTION AND RESPIRATORY DISEASE ...Asthma; Respiratory Irritants, Inhaled; Toxicology; ...1.0192

FURNISHING NOTICE OF RESEARCH PROJECTS RELATIVE TO ALL BIOLOGICAL INFORMATION ...Asbestos; Carbon Monoxide, Chlorine; Lead; Pollens -see Air Pollution; Zinc; ...1.0193

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Aircraft; Aviation Medicine; Detectors and Sensors; Military Personnel; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Tobacco -cigars; Toxic Substances; ...1.0194

LUNG ALVEOLAR SURFACTANT - PHYSIOLOGICAL, BIOCHEMICAL, AND THERAPEUTIC ASPECTS IN CAR-

DIOPULMONARY DISEASE ...Mammals -nonspecific; Respiratory Disease; Surface Active-other; ...1.0195

ENVIRONMENTAL RADIOACTIVITY AND TRACE ELEMENTS IN MAN ...Lead; Mineralization; Puerto Rico; Radium; ...1.0196

AIR POLLUTION MEDICAL RESEARCH CONFERENCE ...Meetings; ...1.0197

STUDIES OF ENVIRONMENTAL AIR POLLUTANTS ...Amphibians; Carbon; Experimental Teratology; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0198

THE EFFECT OF INFLUENZA VIRUS AND NICOTINE ON THE NUCLEAR STRUCTURE OF CILIATED HUMAN EPITHELIUM ...Mammals -nonspecific; Respiratory Irritants, Inhaled; Time-lapse Photography; Viral Carcinogenesis; ...1.0199

NEUTRON ACTIVATION OF BIOLOGIC SPECIMENS ...Respiratory Irritants, Inhaled; Toxicology; Urine; ...1.0201

O3 & NO2 TOXICITY IN NORMAL & ANTIOXIDANT-FED ANIMALS ...Muridae; Nitrogen and Nitrogen Cpds.; Radioisotopes -nonspecific; ...1.0202

EXPERIMENTAL INFECTIVE PNEUMOCONIOSIS ...Asbestos; Bacterial Population Surveys; India; Miners; Occupational Hazards; Respiratory Bacteria; Respiratory Irritants, Inhaled; ...1.0203

THE EFFECTS OF ENVIRONMENTAL POLLUTANTS IN GERMFREE RODENTS ...Cooperative Studies; Environmental Physiology; Muridae; Ohio; ...1.0204

BIOCHEMICAL EFFECTS OF SIMULATED AIR POLLUTANTS ...Air Pollution-chemistry; Cellular Physiology- Env. Eff.; Chelation & Complexing; ...1.0205

ENVIRONMENTAL TOXICANTS AND PERINATAL DEVELOPMENT ...Mammalian Embryology; Toxic Substances; ...1.0206

RESPIRATORY FINDINGS AND URBAN LIVING ...District of Columbia; Maryland; New York; Respiratory Disease; Urban Environment; ...1.0207

A PROGRAM IN ENVIRONMENTAL PHYSIOLOGY AND TOXICOLOGY ...Carbon Monoxide; Cooperative Studies; Environmental Effects - Human; Respiratory Irritants, Inhaled; Toxicology; ...1.0208

ENVIRONMENTAL FACTORS AND CHRONIC BRONCHITIS ...Environmental Effects - Human; Respiratory Disease; ...1.0209

FUNCTIONAL ADAPTATIONS TO ATMOSPHERIC CONTAMINANTS ...Air Pollution-chemistry; Carbon Monoxide; Mammals - nonspecific; Nitrogen and Nitrogen Cpds.; Psychology; Toxicology; ...1.0210

USSR LITERATURE ON AIR POLLUTION AND RELATED DISEASES ...Air Pollution Effects; Environmental Effects - Human; Literature Search; Plant Habitat Studies; ...1.0211

AUTOMOBILE EXHAUST AND CHRONIC RESPIRATORY DISEASE ...Bacteria -nonspecific; Carbon Monoxide; Engines; Environmental Effects - Human; Lead; Respiratory Disease; Tobacco -cigarettes; ...1.0212

PHYSIOLOGICAL RESPONSE TO ATMOSPHERIC POLLUTANTS ...Aerosols; Air Pollution-chemistry; Caviidae; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0213

RESPIRATORY DISEASE AND ENVIRONMENTAL EXPOSURES ...Asbestos; Environmental Effects - Human; Factory Workers; Occupational Hazards; Respiratory Disease; Respiratory Irritants, Inhaled; Tobacco -cigarettes; ...1.0214

AEROBIOLOGY PROGRAM ...Aerobiology; Conservation of Ecosystems; Microorganisms -nonspecific; Plant Pathology - Env. Relat.; Range Or Territorial Distr.; ...1.0216

TOXIC EFFECTS OF AIR FORCE CHEMICALS AND MATERIALS ...Aviation Medicine; Environmental Effects - Human; Mammals -nonspecific; Military Personnel; Occupational Hazards; Toxic Substances; Toxicology; ...1.0218

AIR LEAD POLLUTION - EFFECT ON THE G6PD DEFICIENT NEGRO ...Adenosine Triphosphate; Lead; Sulfhydryl Compounds; Toxicology; ...1.0219

EFFECTS OF CARBON MONOXIDE INDUCED ARRHYTHMIAS ...Canidae; Carbon Monoxide; Petroleum -see Oil; Respiratory Irritants, Inhaled; Toxicology; ...1.0220

ETIOLOGIC SYNERGISMS IN DISEASES OF THE LUNG ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Muridae; Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0221

PULMONARY REACTIONS TO GASEOUS ENVIRONMENTS ...Cellular Biosynthesis; Gases; Respiratory Irritants, Inhaled; Toxicology; ...1.0222

A MODEL OF MUCOCILIARY FUNCTION AND VISCOELASTICITY ...Mammals -nonspecific; Medical Physics; ...1.0223

URBAN CHRONIC DISEASE EPIDEMIOLOGICAL STUDY PROGRAM ...Environmental Effects - Human; Occupational Hazards; Social Aspects; Urban Environment; ...1.0224

EVALUATION OF CARCINOGENIC AGENTS IN CIGARETTE SMOKE ...Bioassays; Biochemical Analysis - Tissues; Chemical Carcinogenesis; Petroleum Cpds. -nonspecific; Tobacco - cigarettes; ...1.0225

ASBESTOS EXPOSURE-RISK IN DEFINED HUMAN POPULATIONS ...Asbestos; Occupational Hazards; Respiratory Irritants, Inhaled; ...1.0226

AIR POLLUTION AND EMERGENCY ROOM VISITS ...Air Pollution; Community Health Services; New York; ...1.0227

RED CELL DEFENSE MECHANISMS AGAINST AIR POLLUTION ...Carbon Monoxide; Cell Injury and Autolysis; Cellular Metabolism - Controls; Contamination -see Air & Water; Gases; Respiratory Irritants, Inhaled; ...1.0228

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN NEW YORK CITY, NEW YORK ...Air Pollution Monitoring; New York; Urban Environment; Weather Data; ...1.0229

PULMONARY DEPOSITION AND CLEARANCE OF DUST IN MAN ...Digestive System - Human; Dust; Equidae; Medical Physics; Respiratory Irritants, Inhaled; Tobacco -cigarettes; Urban Environment; ...1.0230

EFFECT OF AIR POLLUTION ON OBSTRUCTIVE LUNG DISEASE ...Carbon Monoxide; Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0231

RESEARCH IN THE ENVIRONMENTAL HEALTH SCIENCES ...Epidemiology, Toxicology; ...1.0232

MODE OF ACTION OF ALKYLATING CARCINOGENS ...Chemical Carcinogenesis; Muridae; Occupational Hazards; ...1.0233

CHRONIC LUNG DISEASE RESPONSE TO POLLUTION FREE AIR ...Respiratory Disease; Urban Environment; ...1.0234

INFLUENCE OF AIRBORNE FACTORS ON LUNG CLEARANCE ...Aerosols; Asbestos; Nitrogen and Nitrogen Cpds.; Respiratory Disease; Sulfur Dioxide; ...1.0235

CHARACTERIZATION OF EXPOSURE AEROSOLS ...Aerosols; Data & Statistics Info Storage; Electrostatic; Radon; Respiratory Irritants, Inhaled; Toxicology; ...1.0236

INVESTIGATIONS INTO THE TOXICOLOGY OF FLUORIDE ...Fluorine; Muridae; Occupational Hazards; Toxicology; ...1.0237

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE USE OF REACTIVITY SCALES FOR PREDICTING CHEMICAL REACTIVITIES OF HC-NOX MIXTURES ...Aerosols; Aldehydes -nonspecific; Dosimetry; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Ultra Violet Radiation; ...1.0238

COMPLETE ANALYSES OF DATA & PREPARE A REPORT OF A STUDY OF PHILADELPHIA IN RELATION TO SOX & PARTICULATE AIR POLLUTION LEVELS ...Air Pollution Effects; Gases; Particulates - Air Pollution; Pennsylvania; Sulfur Dioxide; ...1.0240

CONTINUE STUDIES TO DETERMINE THE THRESHOLD AT WHICH LEAD AND MERCURY PRODUCE HEMATOLOGIC IMPAIRMENT ...Air Pollution; Air Pollution Effects; Lead; Mercury; Yugoslavia; ...1.0242

PLAN, DEVELOP AND IMPLEMENT STUDIES DESIGNED TO IDENTIFY AND QUANTIFY THE EFFECTS OF CO AIR POLLUTION ON HUMAN HEALTH ...Carbon Monoxide; Toxicology; ...1.0243

COMPLETE A MANUSCRIPT DESCRIBING THE EFFECTS ON HUMAN HEALTH OF CHRONIC EXPOSURE TO LOW LEVELS OF CO ...Carbon Monoxide; Toxicology; ...1.0244

COMPLETE A STUDY, ANALYZE RESULTING DATA AND PREPARE A REPORT ON THE EFFECTS OF EXPOSURE TO LOW LEVELS OF CO ON EYE-HAND-FOOT COORDINATION ...Carbon Monoxide; Toxicology; ...1.0245

BIOLOGICAL EFFECTS OF CO ON DOGS WITH EXPERIMENTALLY INDUCED MYOCARDIAL INFARCTS (ABBREV) ...Anoxia and Hypoxia; Canidae; Carbon Monoxide; Toxicology; ...1.0246

INITIATE A STUDY AND BEGIN COLLECTION OF DATA ON THE EFFECTS OF IN-VIVO EXPOSURE TO CO ON ERYTHROCYTE METABOLISM ...Anoxia and Hypoxia; Carbon Monoxide; Developmental Physiology; Gases; Ionic Effect; Mammals -nonspecific; Toxicology; ...1.0247

EFFECT OF AIR POLLUTANTS ON DEVELOPMENT AND PERSISTENCE OF HEMAGGLUTINATING ANTIBODIES AGAINST INFLUENZA VIRUS (ABBREV) ...Respiratory Disease; Viruses - Animal; ...1.0248

INITIATE A STUDY AND COMPLETE COLLECTION OF DATA RELATING EXPOSURE TO O3 AIR POLLUTION TO AL-

TERATIONS IN THE BIOCHEMICAL NATURE OF LUNG LIPIDS ...Aging; Biochemical Analysis - Tissues; Respiratory Irritants, Inhaled; ...1.0249

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN CHARLOTTE, NORTH CAROLINA ...Air Pollution Monitoring; North Carolina; Urban Research -general, Weather Data; ...1.0250

A REPORT ON THE RELATIONSHIP BETWEEN NO2 AIR POLLUTION & LOWER RESPIRATORY TRACT INFECTIONS (ABBREV) ...Nitrogen and Nitrogen Cpds.; Respiratory Disease; ...1.0251

DETERMINE THE VARIABILITY OF REPORTING OF ILLNESS & USE OF HEALTH CARE FACILITIES AS RELATED TO PERCEPTIONS OF ILLNESS (ABBREV) ...Community Health Services; ...1.0252

A REPORT OF SEVERAL AIR POLLUTION PARAMETERS AND THE INTENSITY OF SYMPTOMS IN A PANEL OF ASTHMATIC PERSONS (ABBREV) ...Asthma; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0253

COMPLETE ANALYSES OF DATA PREVIOUSLY COLLECTED AND PREPARE A REPORT ON THE RELATIONSHIP BETWEEN SCHOOL ABSENCES AND AIR POLLUTION LEVELS ...Urban Environment; ...1.0254

ALTERATIONS IN MYOCARDIAL VASCULATURE IN RELATION TO AMBIENT CO LEVELS AS INDICATED BY CARDIOMORPHOMETRIC TECHNIQUES (ABBREV) ...Anoxia and Hypoxia; Carbon Monoxide; Toxicology; ...1.0255

CONTINUE COLLECTION OF DATA ON THE EFFECT OF CHRONIC EXPOSURE OF BEAGLE DOGS TO SULFUR OXIDES AND PARTICULATE AIR POLLUTION ...Canidae; Exercise; Respiratory Irritants, Inhaled; Stressors, Physiological; Sulfur Dioxide; ...1.0257

PULMONARY FUNCTION IN SCHOOL CHILDREN IN RELATION TO AMBIENT AIR POLLUTION LEVELS (ABBREV) ...Sulfur Dioxide; ...1.0258

PLAN, DEVELOP EFFECTS OF SOX AND PARTICULATE AIR POLLUTION ON HUMAN HEALTH ...Air Pollution Effects; Particulates - Air Pollution; Respiratory Irritants, Inhaled; ...1.0259

COMPLETE A STUDY AND PREPARE A REPORT ON THE EFFECT OF CO ON MYOCARDIAL FUNCTION ...Carbon Monoxide; ...1.0260

PLAN, DEVELOP AND IMPLEMENT STUDIES DESIGNED TO IDENTIFY AND QUANTIFY THE EFFECTS OF AMBIENT LEVELS OF AIR POLLUTION ON HEALTH ...Sulfur Dioxide; Urban Research -general; ...1.0261

CONTINUE ACQUISITION OF INFORMATION & COMPLETE DEVELOPMENT OF ASSEMBLY FORMAT OF A MONOGRAPH ON THE HEALTH CONSEQUENCES OF AIR POLLUTION ...Air Pollution Effects, Bibliography; ...1.0262

IMMINENT AND SUBSTANTIAL ENDANGERMENT TO HEALTH ...Air Pollution; Air Pollution Effects; Environmental Hazards; Fluorine; Lead; Nitrogen and Nitrogen Cpds.; ...1.0263

CARCINOGENIC AND MUTAGENIC STUDIES ON ATMOSPHERIC POLLUTANTS ...Air Pollution; Chemical Carcinogenesis; Chemical Mutagenesis; Environmental Carcinogenesis; Epidemiology; Muridae; Respiratory Irritants, Inhaled; ...1.0264

COLLECTION OF DATA RELATED TO THE CARCINOGENIC POTENTIAL OF HYDROCARBONS & ASSOCIATED POLLUTANTS COLLECTED DIRECTLY FROM THE AIR (ABBREV) ...Air Pollution; Air Pollution-chemistry; Chemical Carcinogenesis; Mammals -nonspecific; Respiratory Irritants, Inhaled; ...1.0265

STUDIES DESIGNED TO IDENTIFY AND QUANTIFY THE EFFECTS OF AROMATIC POLYNUCLEATED MATERIALS ON MAN'S HEALTH AND HIS ENVIRONMENT (ABBREV) ...Community Health Services; Organic Compounds; ...1.0266

INITIATE A STUDY & BEGIN COLLECTION OF DATA ON PHYSIOLOGICAL MECHANISMS BY WHICH PB, CD, OR AS POLLUTANTS AFFECT METABOLIC PROCESSES ...Arsenic; Lead; Respiratory Irritants, Inhaled; ...1.0267

COMPLETE A STUDY AND PREPARE A REPORT ON THE EFFECTS OF EXPOSURE TO OXIDANT AIR POLLUTION ON LUNG DEFENSIVE MECHANISMS OF ANIMALS ...Mammals - nonspecific; Respiratory Irritants, Inhaled; ...1.0268

COLLECTION OF DATA ON THE BIOCHEMICAL CHARACTERIZATION OF LUNG SURFACTANT AS IT IS AFFECTED BY EXPOSURE TO AIR POLLUTANTS (ABBREV) ...Biochemical Analysis - Tissues; Mammals -nonspecific; Respiratory Irritants, Inhaled; Surface Active-other; ...1.0269

COMPLETE A STUDY AND PREPARE A REPORT ON THE IMMUNOLOGIC CHARACTERIZATION OF LUNG SURFACTANT USING IMMUNO-ASSAY TECHNIQUES ...Mammals - nonspecific; Surface Active-other; ...1.0270

CONTINUE COLLECTION OF DATA ON THE EFFECTS OF CHRONIC EXPOSURE OF BEAGLE DOGS TO NITROGEN OXIDES AND/OR AUTO EXHAUST ...Auto Exhaust -see Air Poll.; Canidae; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; ...1.0271

A REPORT ON THE INFLUENCE OF EXPOSURE TO LOW LEVELS OF OZONE ON THE STRUCTURAL INJURY PRODUCED BY BACTERIAL INFECTIOUS AGENTS (ABBREV) ...Bacteria -nonspecific; Cell Injury and Autolysis; Mammals -nonspecific; Respiratory Irritants, Inhaled; ...1.0272

INITIATE A MORBIDITY STUDY OF ALTERATIONS IN LUNG STRUCTURE ASSOCIATED WITH EXPOSURE TO AIR POLLUTANTS AS INDICATED BY LUNG MORPHOMETRY ...Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0273

A STUDY OF ACUTE RESPIRATORY ILLNESS IN RELATION TO NITROGEN OXIDES AIR POLLUTION LEVELS IN CHATTANOOGA, TENNESSEE ...Air Pollution; Air Pollution-chemistry; Combustion; Nitrogen and Nitrogen Cpds.; Respiratory Disease; Respiratory Irritants, Inhaled; Tennessee; ...1.0274

STUDIES DESIGNED TO IDENTIFY & QUANTIFY THE EFFECTS OF OXIDANT, NOX AND HYDROCARBON AIR POLLUTANTS ON HUMAN HEALTH (ABBREV) ...Air Pollution Effects; Nitrogen and Nitrogen Cpds.; ...1.0275

CONTINUE COLLECTION OF DATA ON THE EFFECTS OF CHRONIC EXPOSURE OF BEAGLE DOGS TO CARBON MONOXIDE ...Canidae; Carbon Monoxide; Respiratory Irritants, Inhaled; ...1.0276

ALTERATIONS IN DISTRIBUTION & CALIBRE OF MYOCARDIAL VASCULATURE EXPOSED TO CO DETECTED BY CARDIOMORPHOMETRIC TECHNIQUES (ABBREV) ...Carbon Monoxide; Mammals -nonspecific; ...1.0277

A REPORT ON THE RELATIONSHIPS AMONG O2 UPTAKE, CO EXPOSURE, O2 CARRYING CAPACITY OF BLOOD AND EXERCISE (ABBREV) ...Anoxia and Hypoxia; Carbon Monoxide; Exercise; ...1.0278

COMPLETE COLLECTION OF ANALYSES OF DATA ASSOCIATING HEALTH EFFECTS WITH EXPOSURE TO PB, AS, OR CD EMISSIONS FROM SMELTERS IN MONTANA & IDAHO ...Arsenic; Chemical Analysis -general, Idaho; Lead; Miners; Occupational Hazards; ...1.0279

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN GREENSBORO, NORTH CAROLINA ...Air Pollution Monitoring; Data Acquisition; North Carolina; Urban Research -general; ...1.0280

AIR POLLUTION AND RESPIRATORY INFECTIONS ...Ceboidea; Phagocytosis; Rabbits; Respiratory Bacteria; Respiratory Disease; ...1.0281

PHAGOCYTOSIS AND BACTERIAL KILLING BY ALVEOLAR MACROPHAGES ...Amino Triazole; Laboratory Animals; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Phagocytosis; Sulfur Dioxide; ...1.0282

EYE IRRITATION RESPONSE MEASUREMENTS FOR EVALUATION OF PHOTOCHEMICAL REACTIVITIES OF HYDROCARBON-NO-AIR AND BENZALDEHYDE-NO-AIR MIXTURES ...Air Pollution-chemistry; Aldehydes -nonspecific; Nitrogen and Nitrogen Cpds.; Oxidants; Photochemical Reactions; Radiation -see Specifics; Sulfur Dioxide; ...1.0283

CONTINUE STUDIES OF HUMAN BLOOD LEAD LEVELS IN RELATION TO ATMOSPHERIC LEAD LEVELS ...Air Pollution-chemistry; Combustion; Fuels; Lead; Mammals -nonspecific; Toxicology; ...1.0284

OCCUPATIONAL HEALTH HAZARDS OF RUBBER DUST ...Cercopithecoidea; Elastomers; Medical, Dental Materials; Occupational Hazards; Toxicology; ...1.0287

EFFECTS OF AIRBORNE FLUORIDES ON ANIMAL NUTRITION AND METABOLISM ...Cricetus; Fluorine; Soil Analysis ...1.0288

EXPLORING STATISTICAL RELATIONSHIPS BETWEEN AIR POLLUTANTS AND CERTAIN CHRONIC DISEASE MORTALITY RATES ...Air Pollution; Statistics; ...1.0289

ABSORPTION OF POLLUTANTS IN THE RESPIRATORY TRACT ...Felidae; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0290

BRITISH-NORWEGIAN MIGRANT STUDY ...Health & Geographic Factors; Occupational Hazards; Respiratory Disease; Respiratory Irritants, Inhaled; Tobacco Products &/or Smoking; ...1.0291

STUDY OF UPPER RESPIRATORY TRACT CLEARANCE IN RATS ...Bacteria -nonspecific; Muridae; Respiratory Irritants, Inhaled; ...1.0292

BIOLOGICAL EFFECTS OF AIR POLLUTANTS ON MAMMALS ...Environmental Physiology; Humidity; Mundae; Temperature - Air; ...1.0293

EFFECTS OF LOW LEVELS OF LEAD ON PROTEIN SYNTHESIS ...Cellular Biosynthesis; Gases; Petroleum -see Oil; Respiratory Irritants, Inhaled; ...1.0294

AIR POLLUTION TRAINING PROGRAM ...Climates -general; Motivation and Instinct; Pesticide Action on Animals; Pesticides - nonspecific; Wildlife -nonspecific; ...1.0295

PUBLIC HEALTH ECOLOGY ...Air Pollution Effects; Aircraft Remote Sensing; Biological Effects; Climatology; Sanitation; Spacecraft Sensory Devices; Water Pollution -see Specifics; ...1.0296

BIOCHEMICAL EFFECTS OF SIMULATED AIR POLLUTANTS ...Biochemical Analysis - Tissues; Toxicology; ...1.0297

PERFORMANCE DECREMENTS IN AIR CREWS EXPOSED TO CONTAMINATED LIFE SUPPORT GASES ...Accident; Aviation Medicine; Mammals -nonspecific; Performance - Behavioral Study; Psychology; Toxicology; ...1.0301

ENVIRONMENTAL ASSESSMENT OF AIR-BORNE COTTON AND FLAX DUSTS ...Factory Workers; Foreign Agriculture; Gossypium; Linaceae; Occupational Hazards; Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0302

A LONGITUDINAL CORRELATION OF PULMONARY FUNCTION STUDIES WITH PATIENTS HISTORY ...Respiratory Irritants, Inhaled; Toxic Substances; ...1.0303

AIR POLLUTION EFFECTS ON AIRBORNE RESPIRATORY DISEASE ...Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Sulfur Dioxide; Temperature & Humidity Effects; Urban Environment; ...1.0304

HUMAN ADAPTATION OF CARDIO-PULMONARY FUNCTION TO HYPOBARIC, AQUATIC AND INDUSTRIAL ENVIRONMENTS ...Anoxia and Hypoxia; Environmental Effects - Human; Metabolism & Metab. Diseases; Pressure; Temperature & Humidity Effects; ...1.0305

EFFECT OF ATMOSPHERIC POLLUTANTS UPON DISEASE SUSCEPTIBILITY IN CHICKENS AND QUAIL ...Gallus Domesticus; Quail; Ultra Violet Radiation; ...1.0306

STRUCTURES AND EQUIPMENT TO MINIMIZE STRESS ON BEEF CATTLE ...Dust; Excessive Moisture; Farm Structures & Design; Rain; Wind -see Air Motion; ...1.0309

A BIOLOGIC INDICATOR FOR AIR POLLUTION ...Caviidae; Environmental Effects - Human; Occupational Hazards; Rural Areas; ...1.0317

EFFECTS OF FLUORIDES IN AIR, WATER, AND SOIL ON GROWTH, QUALITY, AND YIELDS OF TREE, FIELD, AND VEGETABLE CROPS ...Air - Water - Plant Relations; Aluminum; Fluorine; Gases; Mineral Nutrition; Soil Water Plant Relationships; Zinc; ...1.0319

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY IN CITRUS ...Carbon; Citrus; Gossypium; Nitrogen Metabolism; Permeability; ...1.0321

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY - COTTON ...Aging; Gossypium; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Nitrogen Metabolism; Pathological Physiology; Plant Pathology - Env. Relat.; ...1.0322

EFFECT OF AIR POLLUTANTS AND OF OTHER ENVIRONMENTAL FACTORS ON PLANT CELL AND TISSUE GROWTH ...Cellular Biosynthesis; Growth; Nicotiana; Plant Response to Env. -ns; ...1.0323

THE TOTAL EFFECT OF AIR POLLUTANTS ON BEARING CITRUS ...California; Citrus; Fluorine; Fruit, Nut, and Berry Crops; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Response to Env. -ns; ...1.0325

ENVIRONMENT - AIR POLLUTION INTERACTIONS ON PLANTS ...Herbicides and Other Chem; Moisture Deficiency; Plant Pathology - Env. Relat.; Plant Response to Env. -ns; Temperature - Air; ...1.0326

GEOCHEMICAL SURVEY OF THE VEGETATION OF MISSOURI ...Air Pollution; Bioindicators; Missouri; Roads & Highways - see Highways; Soil Chemical Properties; Soil Minerals -natural; ...1.0331

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Cellular Biosynthesis; Environmental Modification; Pathological Physiology; Respiration; Toxic Substances; ...1.0333

INFLUENCE OF SELECTED AIR POLLUTANTS ON PHOTOSYNTHESIS OF MATURE FOREST TREES UNDER NATURAL CONDITIONS ...Photosynthesis; Pinus Strobus; Pollutant Resistance; Sulfur Dioxide; ...1.0335

LEAD AND SODIUM CONTAMINATION OF TREES AND SHRUBS IN URBAN ENVIRONMENTS ...Lead; Mercury; Ornamentals; Plant Tissue Analysis -chem.; ...1.0336

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Bioindicators; B9; Liquids Or Sprays; Mineral Nutrition; Nicotiana; Pesticide Evaluation; Pesticides -other; Pollutant Resistance; Zea Mays - Field Corn; ...1.0338

EFFECTS OF AIR-BORNE FLUORIDES ON CITRUS ...Citrus; Fluorine; Fruit, Nut, and Berry Crops; Leaf Analysis; Plant Pathology - Env. Relat.; ...1.0340

EFFECT OF FLUORIDE ON PLANTS ...Enzymes; Fluorine; Herbicides and Other Chem; Iridaceae; Medicago; Ornamentals; ...1.0343

EFFECTS OF CIGARETTE SMOKE ON PLANT CELLS IN TISSUE CULTURES ...Allium, Bioassays; Gases; Herbicides and Other Chem; Lemnaceae; Nicotiana; Tobacco -cigarettes; ...1.0349

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Dust; Environmental Physiology; Gallus Domesticus; Microorganisms -nonspecific; Remote Sensing; Temperature - Air; ...1.0350

ACTION OF AIR POLLUTANTS ON PLANTS AND METHODS OF DAMAGE CONTROL ESPECIALLY THROUGH RESISTANCE ...Cellular Biosynthesis; Ornamentals; Phaseolus; Pigments; Polygonaceae; ...1.0351

LITERATURE REVIEW ON THE EFFECT OF AIR POLLUTANTS ON LIVESTOCK AND POULTRY ...Arsenic; Environment Resistance-animals; Fluorine; Literature Search, Poultry - nonspecific; Sus; ...1.0352

BREEDING, GENETICS AND DISEASE CONTROL OF ALL TOBACCO TYPES ...Fungal Resistance; Nicotiana; Peronosporaceae; Temperature - Air; ...1.0353

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Abscission; Computer Methods -general; Herbicides and Other Chem; Pollutant Resistance; ...1.0357

THE ULTRASTRUCTURE OF NORTH AMERICAN HEPIACEAE ...Algae -nonspecific; Bioindicators; Evolution; Fungi - nonspecific; Lichenes; Symbiosis - Plants; ...1.0359

EFFECTS OF AUTO EXHAUST ON ROADSIDE MAMMAL POPULATIONS ...Animal Behavioral Ecology; Cricetidae -other; Environmental Physiology; Population Dynamics -general; ...1.0361

SURVEY OF AIRBORNE FLUORIDES IN GLACIER NATIONAL PARK AND EFFECTS ON VEGETATION AND WILDLIFE ...Fluorine; Mammals -nonspecific; Plant Community Mapping; Plant Response to Env. -ns; Pollution Effects -see Water; Rodentia -other; Wildlife -nonspecific; ...1.0363

A STUDY OF PLANTS GROWING IN POLLUTED ATMOSPHERES ...Fumigants -nonspecific; Gases; Growth; Plant Pathology - Env. Relat.; ...1.0364

PHYSIOLOGICAL RESPONSES OF PLANTS TO TOXIC AIR POLLUTANTS ...Adenosine Triphosphate; Enzymes; Lycopersicum; Mineral Nutrition; Pathological Physiology; Pinus Nigra; Respiration; Vegetables; ...1.0365

FACTORS IN RESPONSE OF AUSTRIAN PINE TO AIR POLLUTION ...Herbicides and Other Chem; New Jersey; Pinus Nigra; ...1.0366

EVALUATION OF POTATO VARIETIES ...Mineral Nutrition; Solanum; Vegetables; ...1.0367

RELATIONSHIP OF LEAD IN THE AIR, SOIL AND PLANTS TO PROXIMITY TO HIGHWAY TRAFFIC ...Absorption (incl. Adsorption); Cars; Lead; Roads & Highways -see Highways; Soil Aeration; Soil Chemical Properties; Wind -see Air Motion; ...1.0368

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Humidity; Northeast U. S.; Permeability; Solanaceae; Vegetables; ...1.0369

STUDY OF IRRADIATED AIR POLLUTANTS ON SPREAD FILMS ...Additives; Antioxidants -nonspecific; Gases; Natural Occurring Membranes; Radiation Sources -general; ...1.0370

RELATIONSHIPS BETWEEN CERTAIN AIR POLLUTANTS AND VARIOUS METEOROLOGICAL FACTORS ...Air Pollution; Climates -general; Mathematical Models; Models of Biological Systems; New Jersey; Weather Forecasting; Wind; ...1.0371

AIR POLLUTION ...Absorption - Chemistry; Air Pollution; Air Pollution-chemistry; Fibers; Gases; Home Economics; Sulfur Dioxide; ...1.0372

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Environmental Physiology; Humidity; Solar Light; Wind -see Air Motion; ...1.0374

OZONE AND VASCULAR TISSUE DIFFERENTIATION IN PLANTS ...Herbicides and Other Chem; Mineral Nutrition; Pathological Physiology; ...1.0375

AIR POLLUTION PROBLEMS IN NORTHEAST ...Air Pollution; Climates -general; Nicotiana; Synoptic Weather Observations; Wind -see Air Motion; ...1.0378

EFFECT OF AIR POLLUTION - MICROBES IN VIVO AND IN VITRO ...Cellular Viability; Microorganisms -nonspecific; Soil Fungi -nonspecific; Sulfur Dioxide; ...1.0379

AIR POLLUTION EFFECTS ON POWDERY MILDEW FUNGI ...Cell Injury and Autolysis; Environmental Factors; Fungi -nonspecific; Pathological Physiology; Pollutant Resistance; Sulfur Dioxide; ...1.0380

EFFECTS OF AIR POLLUTANTS ON PLANT SYSTEMS ...Absorption (incl. Adsorption); Aging; Climates -general; Growth; Humidity; Ornamentals; Respiration; ...1.0383

BIOCHEMISTRY OF OZONE INJURY TO PINES ...Bioindicators; Forest Environment -general; Pinus Strobus; Pinus Taeda; Plant Response to Env. -ns; ...1.0385

DESIGN OF GROWTH AND EXPOSURE CHAMBERS ...Farm Structures & Design; Tanks; ...1.0388

GLACIER NATIONAL PARK ABATEMENT STUDY - ASSESSMENT OF VEGETATION EFFECTS ...Air Pollution-chemistry; Fluorine; Loss Damages - Recreation; Monitoring; Parks; ...1.0389

SURVEY OF PLANT RESPONSES TO AMBIENT POLLUTANTS ...Air Pollution Effects; Plant Response to Env. -ns; ...1.0390

RESPONSE OF PLANTS TO ACUTE DOSES OF POLLUTANT MIXTURES AT SPECIFIC GROWTH STAGES ...Growth; Sulfur Dioxide; ...1.0391

RESPONSE OF PLANTS TO INTERACTIONS BETWEEN PATHOGENS AND OZONE ...Avena Sativa; Hordeum Vulgare; Nicotiana; ...1.0392

EFFECT OF NATURAL GAS ON SOIL ECO-SYSTEMS IN AN URBAN ENVIRONMENT ...Fuels; Leakage; Soil Analysis; Urban Environment; ...1.0393

TECHNICAL ASSISTANCE IN AIR POLLUTION PROBLEMS RELATED TO AGRICULTURE ...Air Pollution Effects; ...1.0394

AGRICULTURAL-POLLUTANT REPRINT LIBRARY ...Air Pollution Effects; Information Science; Library; ...1.0395

RESPONSE OF SELECTED FIELD PLANTS TO AMBIENT POLLUTANTS IN WASHINGTON, D.C. ...Air Pollution Effects; Bioindicators; District of Columbia; Growth; Losses Due to Pollution; Ornamentals; Urban Research -general; ...1.0397

DETERMINING CAUSE OF DAMAGE TO COTTON PLANTS IN BIRMINGHAM, ALABAMA ...Alabama; Gossypium; ...1.0400

STUDIES TO DEVELOP DIAGNOSTIC TECHNIQUES FOR EVALUATING INJURY TO VEGETATION ...Glycine; Growth; Nicotiana; Plant Response to Env. -ns; Respiration; ...1.0401

LOW CONCENTRATION-LONG TERM RESPONSES OF PLANTS TO POLLUTANT MIXTURES ...Air Pollution Effects; Gases; Growth; Pathological Physiology; Reproductive Physiology; Sulfur Dioxide; ...1.0402

EFFECTS OF SELECTED PESTICIDES SINGLY AND IN COMBINATION WITH OZONE ON SELECTED PLANT SPECIES ...Herbicides and Other Chem; Pesticide Interaction -gen.; Pesticide Phytotoxicity; Pesticide Rates -general; Pesticides -nonspecific; ...1.0404

PLANT AIR POLLUTION STUDIES ON LOSSES, EFFECTS, AND CONTROL AND TECHNICAL ASSISTANCE ON PROBLEMS ...Losses Due to Pollution; Moisture Deficiency; Pinus Strobus; Soil Chemical Properties; Temperature - Air; ...1.0408

EFFECTS OF ENVIRONMENTAL POLLUTION FROM AIR FORCE MISSILE PROPELLANTS ON PLANTS ...Missiles; Plant Ecology -nonspecific; ...1.0410

RELATIONSHIP OF AIR POLLUTION TO HARDWOOD FORESTS OF THE NORTHEASTERN UNITED STATES ...Air Pollution Sampling; Deciduous Forests; Forest Pathology; Plant Pathology - Env. Relat.; Temperature - Air; ...1.0412

SHADE TREE IMPROVEMENT THROUGH BREEDING AND SELECTION ...Contamination - Soil; Ornamentals; Radioisotopes -nonspecific; Virus Resistance; ...1.0413

FOREST TREE IMPROVEMENT THROUGH SELECTION AND BREEDING ...Abies; Forest Pathology; Juglans; Magnoliaceae; Pinus Nigra; Populus; ...1.0414

PLANT GROWTH RESPONSES TO AIR POLLUTANTS ...Growth; Herbicides and Other Chem; Metabolism; Sulfur Dioxide; Transpiration and Evap; ...1.0415

GASES AND PARTICULATES IN POULTRY HOUSES ...Dust, Gallus Domesticus; Methane; Poultry Industry; Wind -see Air Motion; ...1.0416

BREEDING TREES RESISTANT TO AIR POLLUTANTS ...Ornamentals; Pinus Sylvestris; Plant Resistance; Plant Response to Env. -ns; Pollutant Resistance; Soil Environment -other; Sulfur Dioxide; ...1.0417

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Chlorine; Industrial Pollution -general; Lycopersicum; Nicotiana; Northeast U. S.; ...1.0418

ECOLOGICAL METEOROLOGY STUDIES: A PINE PLANTATION ...Energy Budgets; Forest Environment -general; Pinus Taeda; Temperature - Air; Wind -see Air Motion; ...1.0422

SELECTED AIR POLLUTANTS AFFECTING PLANTS AND HEALTH ...Arachis; Food Processing Industries; Livestock -nonspecific; Mammals -nonspecific; Respiratory Irritants, Inhaled; ...1.0423

EARLY DIAGNOSIS OF POLLUTION-INDUCED PLANT DAMAGE ...Chenopodiaceae; Kinetics; Nicotiana; Photosynthesis; Vegetables; ...1.0424

PLANT DISEASE SURVEY ...Corynebacteria -nonspecific; Fruit, Nut, and Berry Crops; Plant Pathogenetic Fungi; Pyrus Malus; Triticum; ...1.0426

FLUOROSIS IN PLANTS AND ANIMALS ...Bovidae -other; Equidae; Injury -animal; Ovis; ...1.0428

IMPACT OF AIR POLLUTANTS ON ECOSYSTEMS ...Air Pollution; Air Pollution Monitoring; Bioindicators; Fumigants -nonspecific; Great Salt Lake; Plant Succession; Reproductive Physiology; ...1.0429

EFFECTS AND FATE OF AIR POLLUTANTS ...Absorption (incl. Adsorption); Carbon Monoxide; Growth; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Physiological Ecology; Sulfur Dioxide; Transpiration and Evap; ...1.0430

EFFECTS OF FLUORIDE ON PHOSPHORUS METABOLISM OF PLANTS ...Fluorine; Growth; Metabolism; Phaseolus; Phosphorus and Phosphorus Cpds; Respiration; ...1.0431

AIRSACCULITIS OF TURKEYS ...Humidity; Meliagris; Temperature - Air; Wind -see Air Motion; ...1.0436

ECONOMIC EVALUATION OF ALTERNATIVE POLICIES FOR AIR RESOURCE MANAGEMENT ...Costs -see Economics Entries; Government -see Federal Gov.; Mathematical Models; Urban Research -general; ...1.0443

NATIONAL ENERGY NEEDS AND ENVIRONMENTAL QUALITY ...Disaster; Energy Budgets; Extractive Natural Resources; ...1.0448

AN EMISSION AND CONTROL COST STUDY OF THE REACTIVE METALS INDUSTRY ...Air Pollution; Air Pollution-chemistry; Chemical Industry; Economic Geology -general; Industry; Management; ...1.0450

ECE QUESTIONNAIRE ANALYSIS AND STUDY PROPOSAL ...Air Pollution; Economic Geology -general; Economic Studies -general; ...1.0454

ASSESSMENT OF VEGETATIVE DAMAGE ...Air Pollution Effects; Growth; ...1.0457

AIR POLLUTION AND PROPERTY VALUES ...Air Pollution Effects; Land Use; Regression Analysis; Urban Research -general; ...1.0460

A SURVEY OF THE PROCEDURES FOR EVALUATING HEALTH COSTS DUE TO AIR POLLUTION ...Literature Search; Medical Economics & Cost; Respiratory Disease; Welfare Economics; ...1.0461

AN EMISSION AND CONTROL COST STUDY OF THE FEED AND GRAIN INDUSTRY ...Agricultural Studies -general; Costs - see Economics Entries; Dust; Feed Processing Industries; ...1.0462

ANALYSES OF DATA & A REPORT ON RELATIONSHIPS BETWEEN SOCIO-ECONOMIC LEVELS OF AIR POLLUTION IN CHICAGO CENSUS TRACTS (ABBREV) ...Air Pollution Effects; Social Aspects; Urban Environment; ...1.0467

DAMAGE FUNCTIONS ...Air Pollution Effects; Contamination - Soil; ...1.0470

ESTIMATE LEVEL AND COST OF AIR POLLUTION ...Air Pollution; Costs -see Economics Entries; ...1.0473

COMEX AIR POLLUTION COMPUTER RESEARCH PROJECT ...Administration and Management; Air Pollution; Computer Methods -general; Decision Making; Education -see Training; Social Aspects; Urban Research -general; ...1.0476

THE DEVELOPMENT OF URBAN ATMOSPHERE MODELS FOR AIR RESOURCE MANAGEMENT ...Air Pollution; Model Studies; Urban Research -general; ...1.0477

FOR SEMINARS AND STUDIES ON ENVIRONMENTAL ARTS AND SCIENCES, POPULATION GROWTH, URBANIZATION, POLLUTION, AND RELATED SUBJECTS ...Environment; Environmental Geology; Technology - Social Impact; Urban Research; Water Quality -general; ...1.0478

AWARENESS OF AIR POLLUTION AND ITS CAUSES IN A NUMBER OF COLORADO COMMUNITIES ...Colorado; ...1.0482

THE ORGANIZATIONAL FACTORS IN AIR POLLUTION CONTROL ...Air Pollution; Government -see Federal Gov.; Legal Studies; Organizational Research; Urban Environment; Urban Research -general; ...1.0483

THE EFFECTS OF AIR POLLUTION ON INTERPERSONAL BEHAVIOR ...Environmental Effects - Human; Social Aspects; Urban Environment; ...1.0491

STUDIES FOR A SURVEY OF ENVIRONMENTAL POLLUTION, CONDUCTED BY THE NEW YORK CITY SCIENCE AND TECHNOLOGY ADVISORY COUNCIL ...Air Pollution; Consultants, Advisory Services; Urban Research -general; Water Pollution -see Specifics; Water Quality -general; ...1.0492

ENVIRONMENT AND HUMAN RESPONSE ...Economics of Natural Resources; Recreation, Water Resources; Regional Economics; Rural Sociology; Urban Planning; ...1.0495

COLLOQUIUM OF INTERNATIONAL AIR POLLUTION SCIENTISTS ...Air Pollution; Meetings; Technology - Social Impact; ...1.0496

LAW-RELATED RESEARCH ON SCIENTIFIC UNCERTAINTY AND TECHNOLOGY ASSESSMENT ...Environmental Effects - Human; Pesticide Toxicity in Humans; Pesticides -nonspecific; Radiation Effects - Biological; Radiation Sources -general; Radiologic Health; ...1.0497

BASE STUDY OF THE STATUS OF ECOLOGICAL RESEARCH ...Air Pollution Effects; Balance of Nature - Plants; Environmental Ecology; Literature Search; Plant Ecology -nonspecific; Pollution Effects -see Water; ...1.0498

INFORMATION AND RESEARCH EXCHANGE BETWEEN SCIENTISTS ...Air Pollution; Statistics; ...1.0506

SOCIAL IMPACT OF AIR POLLUTION ON THE PHILADELPHIA AIR QUALITY CONTROL REGION ...Air Pollution Effects; Pennsylvania; Urban Research -general; ...1.0512

HEDONIC EVALUATION OF ODORS ...Air Pollution Analysis; Attitudes & Attitude Change; Noise -see Noise; Sensory & Perceptual Processes; Urban Research -general; ...1.0513

OPERATION OF EOCC ...Air Pollution; Air Pollution Effects; Weather Data; ...1.0518

EVALUATE SURVEILLANCE DATA ...Air Pollution; Data Reduction and Analysis; ...1.0520

DEVELOP STANDARDS FOR FEDERAL FACILITIES ...Air Pollution; ...1.0521

DEVELOP REFERENCE AIR QUALITY VALUES ...Air Pollution-chemist.,; Carbon Monoxide; Fluorine; Lead; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; ...1.0524

DEVELOPMENT OF REFERENCE AIR QUALITY STANDARDS ...Air Pollution Effects; Fluorine; Lead; Nitrogen and Nitrogen Cpds.; ...1.0525

LEGAL INFORMATAON HANDLING SYSTEM ...Air Pollution; Data Reduction and Analysis; Government -see Federal Gov.; Information Systems; Regional Or State Studies; ...1.0528

EVALUATE THE EFFECTS OF SOURCE CONTROL PROGRAMS ON AIR QUALITY LEVELS ...Air Pollution; Legal Studies; ...1.0529

SECOND INTERNATIONAL CLEAN AIR CONGRESS, INTERNATIONAL UNION OF AIR POLLUTION PREVENTION ASSOCIATIONS, WASHINGTON, D.C. (ABBREV) ...Meetings; ...1.0532

DOCUMENT RESPONSES OF URBAN CITIZENS TO DIESEL EXHAUST ...Noise -see Noise; Sensory & Perceptual Processes; Urban Research -general; ...1.0533

NAPCA/AIS' SINTER PLANT EMISSION CONTROL DEVELOPMENT PROGRAM ...Electrostatic; Electrostatic Precipitators; Industrial Wastes; Particulates - Air Pollution; Scrubbers; ...1.0542

AIR TREATMENT FOR ODOR CONTROL IN THE HOSPITAL ...Air Cleaning Devices; Building Construction; Hospitals; ...1.0548

CONTROL TECHNIQUES FOR POLYCYCLIC ORGANIC MATTER ...Air Pollution-chemistry; ...1.0564

TEST EVALUATION REPORT COVERING PAST UNPUBLISHED CONTROL DEVICE EVALUATION TESTS ...Instrument Services; ...1.0571

TESTING OF EMISSION CHARACTERIZATION AND CONTROL PROJECTS ...Air Cleaning Devices; Exhaust, Combustion -see Auto; ...1.0576

INVESTIGATE NON-CARBONACEOUS ALTERNATIVE FUELS FOR CONTROL OF EMISSIONS ...Air Pollution; Combustion; Fuels; ...1.0581

COTTON LINT HANDLING AND PACKAGING AND TRASH COLLECTION ...Filters; Gossypium; Plant Waste Removal, Treatment; ...1.0587

COTTON MATERIALS HANDLING AND AIR TRASH SEPARATION ...Gossypium; Plant Waste Removal, Treatment; Solid Waste Management; ...1.0591

FILTRATION OF AEROSOLS BY GRANULAR BEDS ...Additives; Air Cleaning Devices; Combustion; Energy Conversion; Furnace and Incinerator Design; ...1.0595

ARGONNE NATIONAL LABORATORY INTERAGENCY AGREEMENT ...Air Pollution; Handbooks; Water Pollution Abatement; ...1.0612

AQCR ASSISTANCE - CONTROL STRATEGY ...Air Pollution; Mathematical Models; ...1.0617

FIELD BURNING AIR POLLUTION ABATEMENT INVESTIGATIONS ...General Sanitation Methods; Herbicides -nonspecific; Plant Residues, Humus, Compost; Planting Methods; Temperature - Air; 1.0623

INVESTIGATION AND ANALYSIS OF GASES AND CRYOGENIC MATERIALS USED IN NAVAL AIRCRAFT ...Temperature Effects; ...1.0644

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Agricultural Economics; Alaska; Cost-benefit Analysis, Equipment & Machinery; Forest Fires -see Fire; Helicopters; Recreation, Outdoor; Types of Resources; ...1.0656

NAVY ENVIRONMENT - COMPUTER CONTROL OF CHEMICAL INSTRUMENTS ...Air Pollution; Air Pollution-chemistry; Gas Chromatography; Trace Elements; ...1.0667

BIOENGINEERING ASPECTS OF AIR POLLUTION ...Aerosols; Models (physical) of Anim.&man; Respiratory Irritants, Inhaled; Smog -see Air Pollution; Smoke; Tobacco -cigarettes; ...1.0677

EVALUATION OF THE DEGREE OF AIR POLLUTION BY PHOTOSYNTHETIC MEASUREMENT ...Photosynthesis; Plant Response to Env. -ns; ...1.0682

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Atmosphere; Connecticut; Particulates - Air Pollution; Scattering; Urban Research -general; ...1.0690

ANALYSIS OF CREW STATION BREATHING ATMOSPHERES ...Occupational Hazards; Space Science and Technology; ...1.0691

SPREADING OF LEAD IN RURAL AREAS ...Air Pollution-chemistry; Combustion; Food Contamination; Lead; Rural Areas; Toxic Substances; Water Pollutants - Path of; X-ray Spectroscopy; ...1.0703

NUMERICAL STUDY OF URBAN SCALE ATMOSPHERIC TRANSPORT ...Atmospheric Dynamics; Environmental Effects - Human; Mathematical Models; Urban Environment; Urban Research -general; ...1.0714

ANALYSIS OF QUARTZ AND OTHER MINERALS IN DUSTS BY DTA ...Dust, Particulates - Air Pollution; ...1.0723

DIESEL IGNITION AND COMBUSTION ENGINE RESEARCH ...Combustion; Diesel; Engines; Temperature; ...1.0724

STUDY THE LEVELS OF POLYCYCLIC HYDROCARBONS IN AN URBAN ATMOSPHERE ...Aerosols; Air Pollution-chemistry; Organic Compounds; Urban Environment; Weather Data; ...1.0730

THE CLIMATIC RESOURCES OF THE NORTH CENTRAL REGION ...Agricultural Studies -general; Atmospheric Dynamics; North Central U. S.; Radiation Sources -general; Weather Data; ...1.0734

MEASUREMENT OF OZONE CONCENTRATIONS IN THE ATMOSPHERE ...Air Pollution Analysis; Air Pollution-chemistry; Gases, Membranes; ...1.0747

DEFINITION AND ANALYSES OF HIGHER MOLECULAR WEIGHT ALDEHYDES ...Aldehydes -nonspecific; Auto Exhaust -see Air Poll.; Biochemical Analysis - Tissues; Combustion; Toxicology; ...1.0753

PROVIDE TECHNICAL ASSISTANCE TO STATE AND LOCAL AGENCIES IN AIR QUALITY SURVEILLANCE ACTIVITIES ...Air Pollution Monitoring; Air Pollution Sampling; Air Pollution-chemistry; ...1.0756

MONITOR STATE, REGIONAL, AND LOCAL PARTICULATE SURVEILLANCE SYSTEMS ...Air Pollution Sampling; Automatic Weather Stations; Particulates - Air Pollution; ...1.0757

OPERATE NATIONAL PARTICULATE NETWORK AT AN INCREASED SAMPLING FREQUENCY ...Air Pollution Sampling; Automatic Weather Stations; Particulates - Air Pollution; ...1.0770

OPERATE A SPECIAL PARTICULATE NETWORK UTILIZING MEMBRANE FILTER SAMPLERS ...Air Pollution Sampling; Air Pollution-chemistry; Asbestos; Automatic Weather Stations; Membranes; Particulates - Air Pollution; Trace Elements; ...1.0771

OPERATE A NATIONAL GLASS-FIBER PARTICULATE NETWORK ...Air Pollution Sampling; Particulates - Air Pollution; Urban Research -general; ...1.0773

TECHNICAL SUPPORT TO FEDERAL FACILITIES - SOURCE SAMPLE ANALYSIS - AIR MONITORING - AND VEGETATION EFFECTS ...Air Pollution Monitoring; Air Pollution Sampling; Air Pollution-chemistry; Chemical Analysis -general; Monitoring; ...1.0776

MEASUREMENT TECHNIQUES FOR THE NUCLEIC ACIDS AND THEIR BREAKDOWN PRODUCTS ...Air Pollution-chemistry; ...1.0789

CONSOLIDATION & IMPROVEMENT OF ASSAY METHODS FOR THE CARCINOGEN FAMILY ...Bioassays; Environmental Carcinogenesis; ...1.0790

MEASUREMENT TECHNIQUES FOR PRE-ALLERGENS ...Aldehydes -nonspecific; Dust; Literature Search; ...1.0791

ANALYSIS OF FLAVONOLS AND OTHER PHENOLS ...Air Pollution-chemistry; Bioindicators; Biological Organisms; Natural Sources; Particulates - Air Pollution; Phenols; Pollens -see Air Pollution; ...1.0792

LIQUID CHROMATOGRAPHY STUDIES ...Air Pollution-chemistry; Biochemical Analysis - Tissues; Chemical Carcinogenesis; Chromatography; Column Chromatography; Liquid Chromatography; ...1.0793

STANDARDIZATION OF METHOD FOR PARTICULATE EMISSIONS FROM MOBILE SOURCES ...Air Pollution; Particulates - Air Pollution; ...1.0797

COMPLETE A REPORT ON INDOOR-OUTDOOR AIR QUALITY FOR SOX - TSP AND OTHER AIR POLLUTANTS ...Air Pollution Monitoring; Analytical Instruments; Particulates - Air Pollution; Sulfur Dioxide; Sulfur Dioxide Removal; Urban Environment; Urban Research -general; ...1.0810

PROVIDE ANALYTICAL SERVICES TO REGIONAL, STATE, LOCAL & OTHER FEDERAL AGENCIES, TO OTHER NAPCA PROGRAMS & OTHER APPROPRIATE ORGANIZATIONS ...Air Pollution Analysis; Air Pollution Sampling; ...1.0822

AQCR ASSISTANCE - AIR QUALITY DATA ...Air Pollution Monitoring; Data Reduction and Analysis; ...1.0827

ANALYSIS OF LIPIDS IN AEROBIOLOGICAL PARTICLES ...Air Pollution-chemistry; Biological Organisms; Industrial Pollution -general; Natural Sources; Particulates - Air Pollution; ...1.0829

DEVELOPMENT OF AIR SAMPLING METHODOLOGY ...Air Pollution-chemistry; Biochemical Analysis - Tissues; Computer Methods -general; Coulometry; Electrochemistry; Gas Chromatography; Monitoring Devices; ...1.0830

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Applied Climatology; Climates - general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0837

ASTM SUBCOMMITTEE ON SENSORY METHODS OF MEASUREMENT ...Air Pollution; Committee Support; ...1.0840

IMPLEMENTATION OF A LASER AS AN AIR POLLUTION PROBE ...Air Pollution Monitoring; Lasers and Masers; ...1.0841

DEVELOP & IMPLEMENT OPERATIONAL SYSTEM FOR EVALUATING & COLLABORATIVELY TESTING METHODS RECOMMENDED FOR AIR POLLUTION MEASUREMENT (ABBREV) ...Air Pollution; Air Pollution Analysis; Aldehydes - nonspecific; Carbon Monoxide; Lead; Methane; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0843

POLLUTANTS IN CHIMNEY STACK PLUMES ...Air Pollution-chemistry; Combustion; Energy Conversion; Infrared Spectroscopy; Particulate Matter - Air Poll.; Radiation Detectors; ...1.0846

SINGLET MOLECULAR OXYGEN - OXIDATION IN POLLUTED AIR ...Atmospheric Dynamics; Detectors and Sensors; Infrared Spectroscopy; Photosensitizer; Spectrographic Techniques; ...1.0870

CHEMISTRY AND PROPERTIES OF OZONIDES ...Catalysis, Homogeneous; Hydrolysis, Esterification; Ozonization; Reduction Reactions; Thermochemistry -biophysics; ...1.0880

TOXIC MATERIALS IN NUCLEAR SUBMARINES ...Air Pollution-chemistry; Degradation; Marine Materials; Submarine & Diving Medicine; Toxic Substances; Toxicology; ...1.0888

PHOTOSENSITIZED OXYGENATIONS ...Isotope Effects; Mechanism Determination; Photoactivation and React; Pollution Effects -see Water; Vertebrates -nonspecific; ...1.0889

DISPERSION OF AIR POLLUTANTS ...Fluid Mechanics; Furnace and Incinerator Design; Meteorological Factors; ...1.0892

STUDIES OF AIRBORNE PARTICULATES OF SUBMICRON SIZE ...Aerosols; Gases; Model Studies; Particulates - Air Pollution; Radiologic Health; ...1.0899

FLUXES OF HEAT, MOMENTUM AND TRACERS IN WIND AND WATER TUNNELS ...Atmospheric Dynamics; Marine Pollution; Radioactive Fallout; Wind; ...2.0078

ABNORMAL TRACE METALS IN CARDIOVASCULAR DISEASE ...Lead; Muridae; Water Pollution -see Specifics; ...2.0247

ENVIRONMENTAL TRACE ELEMENTS AND REGIONAL HEALTH AND DISEASE ...General Information Services; Health & Geographic Factors; Trace Element Analysis; Trace Elements; ...2.0390

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Atomic Absorption; Chlorine; Electrochemistry; Fluorine; Iodine; Rain; ...2.0544

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl. Adsorption); Arsenic; Chemical Properties; Contamination - Soil; Industrial Wastes; Particulates - Air Pollution; Precipitation; Soil Chemical Properties; Water Pollutants - Path of; ...2.0862

PHARMACOLOGY ...Animal Pharmacology; Biochemical Analysis - Tissues; Evolution; Marine Animals; Marine Plants; Organic Water Properties; ...2.1091

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste - see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

STUDY OF METHODS FOR REDUCING WATER POLLUTION FROM STORM SEWER AND COMBINATION DISCHARGES THROUGH DEFINED PUBLIC WORKS PRACTICES ...Air Pollution; Overflow -see Fluid Mechanics; Pesticides -see Pesticide; Snow and Ice Removal; Urban Environment; Urban Research - general; Water Quality Control -general; ...2.1242

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Computer Methods -general; Energy Budgets; Metabolism and Biochemistry; Plant Competition; Plant Physiological Ecology; Plant Response to Env. -ns; Temperature - Internal; Water Utilization -plant; ...2.1629

AGING AND IMMUNE COMPETENCE-EFFECT OF ENVIRONMENT ON IMMUNE COMPETENCE ...Contamination - Water; Environmental Physiology; Immunology; Muridae; Pseudomonas; Salmonella -nonspecific & -ot.; ...2.1722

MANAGEMENT GUIDES UNDER ACCELERATED RECREATION DEMANDS AND INTENSIVE LAND USE ...Demand and Use -recreation; Forest Management; Landscaping; Recreation, Water Resources; Skiing; ...2.1788

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Cost-benefit Analysis; Economics of Natural Resources; Northeast U. S.; Types of Resources; ...2.1837

UNITED STATES INDIA EXCHANGE OF SCIENTISTS AND ENGINEERS PROGRAMME ...Toxicology; Water Pollution -see Specifics; ...2.1875

TECHNOLOGICAL CHANGE IN FOREST INDUSTRIES ...Pulp and Paper Wastes; Water Pollution Abatement; Water Pollution Effects; ...3.0044

COMPILATION OF READINGS AND CASE MATERIALS ON TECHNOLOGY ASSESSMENT ...Demography; Government -see Federal Gov.; Noise; Public Health; Solid Waste; Technology - Social Impact; Water Pollution -see Specifics; ...3.0048

CATTLE FEEDLOT WASTE AND AIR AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Bos; Chlortetracycline; Farm Animal Wastes; Hydrographs; Process Design; ...3.0092

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Bos; Chlorine; Contamination - Soil; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Soil Moisture, Zea Mays - Field Corn; ...3.0097

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Biochemical Oxygen Demand; Environment Resistance-animals; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage Lagoons; Space Requirements; Taste & Odor of Water; ...3.0132

FARM ANIMAL WASTES MANAGEMENT ...Air Cleaning Devices; Bos; Dust; Farm Animal Wastes; Poultry -nonspecific; Waste Type; ...3.0167

MICROBIAL CONTAMINATION OF AIR NEAR OPEN WASTE TREATMENT FACILITIES ...Activated; Bacteria -nonspecific; Biological Organisms; ...3.0172

EVALUATION OF MEAT ANIMAL HOUSING SYSTEMS IN RELATION TO POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Dust; Farm Structures & Design; Groundwater; Space Requirements; Wind -see Air Motion; ...3.0209

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry - nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0223

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Animal Wastes - Feed Lots; Denitrification; Lime Treatment; Soil Microbiology; ...3.0237

ENVIRONMENTAL POLLUTION PROBLEMS AND ABATEMENT CONTROL ALTERNATIVES ...Government -see Federal Gov.; Oregon; Political Processes & Systems; ...3.0278

IMPROVED MARKETING PRACTICES AND MARKETS FOR LUMBER AND OTHER MANUFACTURED PRODUCTS OF EASTERN HARDWOODS ...Agricultural Economics; Consumption; Costs -see Economics Entries; Manufacturing; Mulches, Processing; Supply; Tsuga; ...3.0344

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Chlorine; Herbicides -nonspecific; Pesticide Action on Plants; Temperature - Air; ...4.0211

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Herbicides -nonspecific; Pesticide Action on Plants; Plant Physiological Ecology; Seeds; ...4.0224

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Beta Particles; Fragaria; Malathion; Pesticide Interaction With Env; Pesticide Residues Removal; Residues in Foods; X and Gamma Rays; ...4.0308

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Rain; Sulfhydryl Compounds; Vegetables; ...4.0309

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Air Pollution; Bioassay; D, 2,4-; Monitoring Systems; Preventative Measures; ...4.0311

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

DEVELOPMENT OF AERIAL & GROUND TREATMENTS FOR CHEMICAL CONTROL OF BRUSH SPECIES IN FOREST LANDS ...D, 2,4-; Forest Litter, Duff & Humus; Pesticide Evaluation; Picloram; ...4.0458

BIOLOGY AND CONTROL OF INSECTS IN DECIDUOUS FORESTS AND CHRISTMAS TREE PLANTATIONS ...Acer Species; Aliphatic Carbamates; Dieldrin; Liquids Or Sprays; Pesticide Evaluation; Thiodan; ...4.0464

CYTOGENETIC EFFECTS OF FLUORIDE ...Chemical Mutagenesis; Fluorine; Herbicides and Other Chem; Mutagenesis -nonspecific; Nicotiana; Pesticide Phytotoxicity; ...4.0488

CHOLINESTERASE ACTIVITY AND BLOOD ENZYME CHANGE STUDIES ...Contamination - Water; Fish; Mercury; Pesticide Action on Animals; Pheasant; ...4.0568

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Food Contamination; Pesticide Toxicity in Humans; Physiological Effects; Radiation, Low Level; Residues in Foods; Toxicology; Water Pollution -see Specifics; ...4.0658

ANALYSIS OF BIO-ACTIVE CHEMICALS FOR POSSIBLE HAZARDOUS PROPERTIES ...Chemical Analysis; Insecticides - nonspecific; Pesticide Toxicity in Humans; Preventative Measures; ...4.0672

COMMUNITY STUDY ON PESTICIDES ...DDT; Methyl Parathion; Occupational Hazards; Parathion; Pesticide Rates - general; Pesticide Toxicity in Humans; Toxicology; ...4.0686

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

COLLABORATIVE RESEARCH IN ENZYME INDUCTION BY CHLORINATED HYDROCARBONS IN BIRDS - ITS ECOLOGICAL SIGNIFICANCE ...Animal Productivity; Bioassay; Calification -vertebrate; Chlorinated Hydrocarbons; Falconiformes; Pesticide Action on Animals; Pigeon; ...4.0780

ENVIRONMENTAL TOXICOLOGY OF PESTICIDES ...Air Pollution; Contamination - Water; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Residues in Foods; ...4.0822

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Bos; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

ENVIRONMENTAL MUTAGEN INFORMATION CENTER (EMIC) ...General Information Services; Information Science; Mercury; Mutagenesis -nonspecific; Pesticide Toxicity -general; Pesticides -nonspecific; ...4.0855

PESTICIDE AND POLLUTANT TOXICITY AND INTERACTIONS IN BEES ...Animal Resistance; Insects - Beneficial; Population Dynamics -general; ...4.0877

THE TOXICOLOGICAL ACTION OF ORGANOPHOSPHATES AND CARBAMATES ...Chemical Carcinogenesis; Experimental Teratology; Laboratory Animals; Muridae; Pesticide Action on Animals; Sevin; ...4.0881

CARCINOGENESIS BIOASSAY RESOURCE FOR FEEDING TESTS IN RODENTS ...Bioassays; Chemical Carcinogenesis; Environmental Carcinogenesis; Muridae; Pesticides -nonspecific; ...4.0887

WILDLIFE PATHOLOGY RESEARCH ...Environmental Physiology; Pathology; Pesticides -nonspecific; ...4.0908

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg, Plant; Soil Microbiology; ...4.0943

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

ENVIRONMENTAL OCCURRENCE OF N-NITROSO COMPOUNDS ...Bioassays; Biochemical Analysis - Tissues; Chemical Carcinogenesis; Food Contamination; Mammals -nonspecific; Toxicology; ...4.1044

ANALYSIS OF RADIONUCLIDE TRANSPORT AND DEPOSITION FOR PREDICTION OF UPTAKE AND DOSES FROM RELEASE OF RADIONUCLIDES ...Body Isotope Burden; Dose Rate, Dose Fractionation; Food Contamination; Radiation Injury Prevention; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Radiologic Health; ...5.0009

CONTROLLED ENVIRONMENTAL RELEASE TEST (CERT) PROGRAM ...Animal Productivity; Food Contamination; Iodine; Radiologic Health; ...5.0035

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

ENVIRONMENTAL EFFECTS ON THE CONTENT OF CS137 IN MILK ...Deposition-general; Food Contamination; Lakes; Radioactive Fallout; Reservoirs and Impoundments; Strontium; ...5.0081

THE BIOLOGICAL EFFECTS OF LOW DOSAGE RADIATION ...Human Developmental Biology; Literature Search; Radiation Carcinogenesis; Radiation, Low Level; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0143

DISEASE OF WILD SMALL MAMMAL POPULATIONS ON RADIOECOLOGY STUDY AREAS ...Animal Habitat Studies; Cricetidae -other; Pathology; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Soricidae; ...5.0634

INHALATION HAZARDS TO URANIUM MINERS, BIOLOGICAL STUDIES ...Canidae; Co-carcinogenesis; Miners; Radiation Carcinogenesis; Radon; Tobacco -cigarettes; ...5.0754

STUDIES ON THE EFFECTS (BIOCHEMICAL, MORBIDITY AND MORTALITY) OF RADIOACTIVE CONSTITUENTS OF URANIUM ORE ON HEALTH OF WORKERS ...Miners; Occupational Hazards; Radiation Carcinogenesis; Respiratory Disease; Tobacco -cigarettes; Uranium; ...5.0770

THE APPLICATION OF SOLID-STATE LITHIUM-DRIFTED GERMANIUM DETECTORS TO THE ANALYSIS OF RADIONUCLIDES IN BIOLOGICAL AND ENVIRONMENTAL SAMPLES ...Dosimetry; Mammals -nonspecific; Radiation, Whole Body; Radioactive Isotopes; Radiologic Health; Tumor Pathology; ...5.0780

QUANTITATION OF LOW LEVELS OF TRITIUM IN BIOLOGICAL AND ENVIRONMENTAL MATERIAL ...Electrochemistry; Hydrogen; Radioactive Hazard; Radioactive Isotopes; Radiologic Health; Scintillation Counting; ...5.0782

RADON PROGENY INHALATION STUDY ...Miners; Occupational Hazards; Radiologic Health; Radon; Respiratory Irritants, Inhaled; Whole Body; ...5.0802

SEQUENTIAL RADIOCHEMICAL DETERMINATION OF RADIUM-226, 228, ACTINIUM-227 AND THORIUM-230 IN ENVIRONMENTAL AND PROCESS WASTE SAMPLES ...Actinium A C; Dosimetry; Mine Wastes; Radium; Thorium; Uranium; ...5.0820

CALIBRATION OF RESPIRABLE DUST SAMPLERS FOR INHALATION HAZARD EVALUATION ...Aerosols; Dust; Radiation Effects - Biological; Radioactive Hazard; Radioisotopes -nonspecific; Respiratory Irritants, Inhaled; Toxic Substances; ...5.0864

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS ...Air Pollution Effects; Energy Conversion; Environmental Hazards; Occupational Hazards; Radiation Instruments; Radioactive Isotopes; Radiologic Health; ...5.0877

DEVELOPMENT STUDIES IN LOW LEVEL RADIOCHEMICAL ANALYSES AND TRACE STABLE ELEMENTS IN BIOLOGICAL AND ENVIRONMENTAL MATERIALS ...Carbon; Hydrogen; Plutonium; Radiation, Low Level; Radiologic Health; Water Pollution -see Specifics; ...5.0883

GENERAL STUDIES IN THE TOXICITY OF RADIOELEMENTS ...Radiation Injury Prevention; Radiologic Health; Water Pollution -see Specifics; ...5.0889

NUCLEAR SAFETY INFORMATION CENTER ...Consultants, Advisory Services; General Information Services; Radioactive Hazard; ...5.0940

THE DETERMINANTS OF REAL ESTATE VALUES ...Building Construction; Heating Units; Location Choice; Noise -see Noise; Residential Buildings; Value; Zoning; ...6.0055

ENVIRONMENTAL FACTORS IN RELATION TO TRAFFIC ...Geometric Design; Noise; Residential Buildings; Smoke -see Air Pollution; Traffic Engineering; ...6.0063

Air Pollution Control Systems

NITROGEN-OXIDE KINETICS IN AUTO COMBUSTION EXHAUST ...Air Pollution-chemistry; Combustion; Engines; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0074

A MODEL FOR AIR POLLUTION CONTROL ...Air Pollution; Air Pollution-chemistry; Economic Theory; Gases; Mathematical Models; Model Studies; Particulates - Air Pollution; Weather Data; ...1.0551

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Energy Conversion; Engines; Inorganic Gases; Radiometric Analysis; ...1.0721

Aircraft

LIDAR OBSERVATIONS OF LOWER TROPOSPHERIC AEROSOL DISTRIBUTIONS DURING BOMEX ...Aerosols; Atmospheric Dynamics; Condensation Physics; Electronic Detection, Tracking; Heat and Radiation Transfer; Inversion; Particulates - Air Pollution; ...1.0011

STUDIES OF NATURAL AND POLLUTANT SOURCES OF CARBON MONOXIDE ...Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Combustion Air Pollution-gen; Gases; Geochemical Investigations; ...1.0013

THERMAL MODIFICATION ...Aerosols; Cirrus; Great Lakes -see Specific Lake; Heat Balance - Budget; Humidity - Water Vapor; New York; Solar Radiation -sunshine; Temperature; Weather Modification; ...1.0024

METEOROLOGY FOR URBAN AIR POLLUTION RESEARCH ...Air Pollution Effects; Atmospheric Dynamics; Diffusion; Particulates - Air Pollution; Urban Research -general; Weather Radar; ...1.0026

JET AIRCRAFT AIR POLLUTION ...Air Pollution -see Specifics; Aviation Safety; ...1.0040

CHICAGO AIR POLLUTION SYSTEMS MODEL ...Air Cleaning Devices; Diffusion; Gases; Mathematical Models; Trace Analysis; Urban Environment; Weather Data; ...1.0046

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aviation Medicine; Detectors and Sensors; Military Personnel; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Tobacco -cigars; Toxic Substances; ...1.0194

MIXING DEPTH ...Air Masses; Air Pollution Sampling; Atmospheric Dynamics; Synoptic Weather Observations; ...1.0695

TRANSPORT, DEPOSITION, AND METEOROLOGICAL STUDIES OF NUCLEAR DEBRIS IN THE ATMOSPHERE ...Air Pollution Sampling; Atmospheric Dynamics; Atmospheric Structure; Circulation - Patterns; Fission Products-see Radioact.; Radioactivity; Stratosphere; Troposphere; ...1.0713

SAMPLING OF SO2 CONCENTRATIONS AND RELATED METEOROLOGY ...Air Pollution Sampling; Atmospheric Dynamics; Data Acquisition; Power Plants; Tracers; ...1.0787

POLARIZATION OF E.M. RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Air Pollution-chemistry; Effects; Light Visible Specroscopy; Polarography; Tectonics; Ultraviolet Spectroscopy; ...1.0865

ATMOSPHERIC CHEMISTRY ...Activation Analysis; Air Pollution Sampling; Atmospheric Dynamics; Illinois; Precipitation Instruments; Snow; ...2.0122

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Precipitation Gages; Radiotracers -see Tracers; Tracers; ...2.0133

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Environmental Hazards; Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

HIGH ALTITUDE RADIATION INSTRUMENT SYSTEM ...Aerospace Studies; Aircraft Remote Sensing; Environmental Hazards; Ionization Chambers; Radiation Detectors; Spectrographic Techniques; ...5.0786

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Altitude; Cosmic Rays; Radiation Injury Prevention; ...5.0862

MECHANISMS OF NOISE GENERATION, PROPAGATION AND RECEPTION AS RELATED TO AIR FORCE BIOACOUSTIC PROBLEMS ...Acoustics; Aviation Medicine; Communication; Noise; Sensory & Perceptual Processes; Sound Attenuation Acoustics; ...6.0011

AIR CREW PERSONNEL NOISE EXPOSURE ...Aerospace Studies; Aviation Medicine; Fatigue; Noise; Noise Abatement; Pilots; Sensory & Perceptual Processes; ...6.0014

SYSTEMS STUDY OF HELICOPTER NOISE REQUIREMENTS ...Aerodynamic Configuration; Noise Abatement; Signal Analysis; ...6.0089

Alabama

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN BIRMINGHAM, ALABAMA. ...Air Pollution -see Specifics; Air Pollution Monitoring; Air Pollution Sampling; Urban Environment; Urban Research -general; ...1.0168

EFFECTS OF PARTICULATES ON SOILING OF BUILDING MATERIALS ...Air Pollution-chemistry; Construction Materials, Corrosion, Deterioration; New York; Particulates - Air Pollution; ...1.0387

DETERMINING CAUSE OF DAMAGE TO COTTON PLANTS IN BIRMINGHAM, ALABAMA ...Air Pollution -see Specifics; Gossypium; ...1.0400

ALABAMA ENVIRONMENTAL STUDY-CONFERENCE PROJECT ...Air Pollution; Government -see Federal Gov., Planning; Water Conservation -general; Water Quality -general; ...1.0475

BIRMINGHAM SOILING STUDY ...Air Pollution Monitoring; Particulate Matter - Air Poll.; Particulates - Air Pollution; ...1.0754

DEVELOPMENT OF A HYDROLOGICAL CONCEPT FOR THE GREATER MOBILE METROPOLITAN-URBAN ENVIRONMENT ...Groundwater; Management (water); Saline Water Intrusion; Water Resources Development; ...2.0003

AREA DESCRIPTIONS OF ALABAMA'S ESTUARIES ...Benthic Organisms -nonspecific; Data Reduction and Analysis; Effluents - Waste Water; Physical Water Properties; ...2.0462

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Bacterial Ecology; Bays; Coliforms -nonspecific; Marine Pollution; Sewage; Size; Water Pollutant Identification; ...2.0464

BIOLOGICAL PROPERTIES OF SEWAGE LAGOONS AT TUSKEGEE, ALABAMA ...Cellular Biosynthesis; Contamination - Water; Microorganisms -nonspecific; Sewage Lagoons; Water Pollutant Identification; Water Pollution Effects; ...2.0468

PRELIMINARY INVESTIGATION TO EVALUATE DEEP-WELL DISPOSAL POSSIBILITIES IN MOBILE, BALDWIN, AND ESCAMBIA COUNTIES, ALABAMA ...Environmental Geology; Permeability; Porosity; Specific Rock Unit; Urban Environment; Waste Disposal, Underground; Water Wells; ...2.1147

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Aquatic Plants -nonspecific; Fish; Fishing; Pollution Effects -see Water; Recreation, Water Resources; Spawn Or Nesting Sites; Water Pollution Effects; ...2.1471

HYDROLOGY OF THE CRYSTALLINE ROCK SYSTEM IN SOUTHEASTERN STATES ...Groundwater; Maryland; Petrology; Piedmont Province; Southeast U. S.; Water Quality -general; Water Yield; ...2.1660

COAL STRIP MINE WATERSHED DEMONSTRATION--JACKSON COUNTY, ALABAMA ...Coal; Strip Mines; Water Pollution Effects; Water Quality -general; ...2.1715

COAL STRIP MINE WATERSHED STUDY ...Coal; Data Acquisition; Engineering Structures-general; Pollution Effects -see Water; Soil Tillage; Strip Mines; Water Quality -general; Watersheds; ...2.1719

GEOLOGIC AND HYDROLOGIC STUDIES RELATED TO SPECIFIC POLLUTION PROBLEMS ...Geology -general; Groundwater; Soil Tillage; Water Quality -general; ...2.1785

WATER LAW OF SOUTHEASTERN ESTUARIES ...Estuaries; Florida; Legal Studies; Mississippi; Recreation, Water Resources; South Carolina; State Government; Water Pollution Sources; ...2.1815

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Alkalinity (water); Bacterial Studies -general; Coliforms - nonspecific; Farm Animal Wastes; Farm Pond; Mineralogical Water Properties; Sewage Lagoons; Streptococcus Fecalis; ...3.0059

Alaska

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Acoustic Instrumentation; Boundary Layer Studies; Ice Fog; Sound Attenuation Acoustics; Urban Research -general; ...1.0307

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Agricultural Economics; Cost-benefit Analysis; Equipment & Machinery; Forest Fires -see Fire; Helicopters; Recreation, Outdoor; Types of Resources; ...1.0656

TOTAL ORGANIC CARBON AS A POLLUTION CONTROL PARAMETER IN SUB-ARCTIC WATERS ...Chemical Oxygen Demand; Organic Matter; Polar Regions; Water Pollutant Identification; ...2.0007

THE INFLUENCE OF DECOMPOSING SALMON ON WATER CHEMISTRY ...Chemical Water Properties; Food Processing Industries; Nitrogen and Nitrogen Cpds.; Nutrients; Physiological Effects; Water Pollutants - Path of; ...2.0010

DISTRIBUTION OF ORGANICS FROM SALMON DECOMPOSITION ...Carbon; Chemical Effects; Estuaries; Nitrogen; Organic Matter; Water Pollutants - Path of; ...2.0011

DOMESTIC WASTE DISCHARGE INTO A SILT LADEN ESTUARY ...Chemical Water Properties; Data Reduction and Analysis; Forecasting - Prediction; Silting (water) -see Sediment; Sub - Polar Regions; Water Pollution Sources; ...2.0012

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics - general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

ENGINEERING GEOLOGY RECONNAISSANCE STUDIES OF COASTAL COMMUNITIES, ALASKA ...Environmental Hazards; Harbors; Marine Geology; Mass Wasting, Geological; Seismology; Tectonics; Waves -see Ocean Waves; ...2.0065

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Biological Water Properties; Construction Land Use Effects; Environmental Ecology; Geological Exploration; Lakes; Marine Biology - General; Sea Ice; Water Standards & Baselines; ...2.0470

ORGANIC COMPOUNDS IN ALASKA PERMAFROST GROUNDWATER ...Groundwater; Permafrost - Frozen Soils; Thin Layer Chromatography; Water Pollutant Identification; ...2.0471

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Animal Productivity; Aquatic Plants -nonspecific; Glaciology; Mineralogical Water Properties; Nutrients; Plant Productivity -general; Sub - Polar Regions; Wild Rivers; ...2.0472

ARCTIC ENGINEERING GEOLOGY (NASA) ...Freight Service; Infrared Radiation; Oil and Natural Gas - Sulfur; Petroleum Research; Surveying; Transportation Management; ...2.0497

WESTERN BEAUFORT SEA ECOLOGICAL CRUISE (WEBSEC 9-70) ...Bays; Ecological Effects; Marine Biology - General; Oil; Sea Water Chemistry; Ships and Cruises; Water Standards & Baselines; ...2.0537

COMPLETION OF AN ECOLOGICAL SURVEY CRUISE IN THE SOUTHEASTERN CHUKCHI SEA ...Aquatic Plants -nonspecific; Marine Biology - General; Oil and Natural Gas - Sulfur; Sea Water Properties; Water Standards & Baselines; ...2.0538

EVALUATION OF AN OXIDATION-DITCH WASTEWATER TREATMENT PLANT IN SUB-ARCTIC ALASKA ...Biological Treatment-general; Mathematical Models; Meteorological Extremes; Oxygen; Pond; Sub - Polar Regions; Waste Treatment Economics; ...2.1150

EFFECTS OF LARGE SCALE FOREST FIRES ON WATER QUALITY IN THE INTERIOR OF ALASKA ...Chemical Water Properties; Ecological Effects; Fire Damage, Recovery; Fire Research -see Forest Fire; Forest Watersheds; Soil Chemical Properties; ...2.1474

BIOLOGICAL EFFECTS OF HEAVY METAL POLLUTION ...Biological Effects; Chelation & Complexing; Microorganisms - nonspecific; Yeasts -nonspecific; ...2.1475

ECOLOGY AND NITROGEN CYCLE IN A MARINE PLANT COMMUNITY ...Bering Sea; Lagoons; Nitrogen Cycle -see Denitrif.; Physiological Effects; Plant Physiological Ecology; Primary Productivity - Plants; ...2.1476

POSSIBLE EFFECTS OF CRUDE OIL ON AQUATIC ORGANISMS ...Environmental Physiology; Marine Animals; Petroleum Wastes - Spillage; Pollutson Effects -see Water; ...2.1477

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

GREATER ANCHORAGE AREA BOROUGH, ALASKA ...Aerial Photography -see Photo.; Environmental Hazards; Geologic Maps; Reconnaissance Studies; Rocks - Bedrock; Surficial Geology Studies; ...2.1801

ARCTIC ENGINEERING GEOLOGY (TAPS) ...Environmental Hazards; Geology -general; Permafrost - Frozen Soils; Polar Regions; Remote Sensing; ...3.0017

DEVELOPMENT OF WASTE STABILIZATION LAGOONS FOR APPLICATION IN ALASKA ...Lagoon; Meteorological Extremes; Pilot Plants, Seasonal Studies; ...3.0061

SUBARCTIC AERATION LAGOON INVESTIGATIONS, BIOKINETIC REQUIREMENTS AND SEASONAL AND DURNAL EFFECTS ON NUTRIENT BALANCE ...Aeration (water); Lagoon; Military Aspects; Nutrients; Pilot Plants; Waste Treatment Economics; ...3.0062

COMPLETE MIX ACTIVATED SLUDGE UNIT PROCESS ADAPTION TO LOW TEMPERATURE ...Activated Sludge;

Biochemical Oxygen Demand; Meteorological Extremes; Pilot Plants; Sewage - Domestic; ...3.0063

CHARACTERISTICS OF CRUDE OILS ...Data & Statistics Info Storage; Fluid Properties; Rocky Mountain System; Wyoming; ...3.0410

PESTICIDES RESEARCH ...Chemical Analysis; DDT; Fish; Invertebrates -nonspecific; Pesticides -see Pesticide; Water Pollution Effects; ...4.0534

AMCHITKA GEOLOGIC INVESTIGATIONS ...Geologic Maps; Marine Geology; Seismology; Structural Analysis - Geology; Tectonics; ...5.0264

FATE AND EFFECTS OF RADIONUCLIDES IN ALASKA ...Cesium; Lichenes; Radiation Effects - Biological; Radiologic Health; Strontium; ...5.0736

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Canidae; Cobalt; Europium; Lichenes; Radiation Resistance -animals; Radiologic Health; Ruthenium; Stibium; Zirconium; ...5.0742

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Aircraft; Altitude; Cosmic Rays; Radiation Injury Prevention; ...5.0862

Aldehydes -nonspecific

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aircraft; Aviation Medicine; Detectors and Sensors; Military Personnel; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Tobacco - cigars, Toxic Substances; ...1.0194

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE USE OF REACTIVITY SCALES FOR PREDICTING CHEMICAL REACTIVITIES OF HC-NOX MIXTURES ...Aerosols; Air Pollution -see Specifics; Dosimetry; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Ultra Violet Radiation; ...1.0238

EYE IRRITATION RESPONSE MEASUREMENTS FOR EVALUATION OF PHOTOCHEMICAL REACTIVITIES OF HYDROCARBON-NO-AIR AND BENZALDEHYDE-NO-AIR MIXTURES ...Air Pollution -see Specifics; Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidants; Photochemical Reactions, Radiation -see Specifics; Sulfur Dioxide; ...1.0283

DEFINITION AND ANALYSES OF HIGHER MOLECULAR WEIGHT ALDEHYDES ...Air Pollution -see Specifics; Auto Exhaust -see Air Poll.; Biochemical Analysis - Tissues; Combustion; Toxicology; ...1.0753

MEASUREMENT TECHNIQUES FOR PRE-ALLERGENS ...Air Pollution -see Specifics; Dust; Literature Search; ...1.0791

DEVELOP & IMPLEMENT OPERATIONAL SYSTEM FOR EVALUATING & COLLABORATIVELY TESTING METHODS RECOMMENDED FOR AIR POLLUTION MEASUREMENT (ABBREV) ...Air Pollution; Air Pollution Analysis; Carbon Monoxide; Lead; Methane; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0843

CYANIDE METABOLISM BY MICROORGANISMS ...Cellular Catabolism-see Degrad; Fungi -nonspecific; Microorganisms -nonspecific; Water Pollution Sources; ...2.0231

THE EVALUATION OF ACROLEIN AND ANALOGS TO DEODORIZE SEPTIC WATERS ...Septic Tanks; Sewage Bacteria; Waste Treatment Economics; ...3.0051

DETERMINE LIGNIN STRUCTURE AND BIOSYNTHESIS ...Enzymes; Forest Industry; Hydrolysis; Esterification; Oxidants; Plant Waste Removal, Treatment; ...3.0371

AGING OF BIOLOGICAL SYSTEMS IN SPACE MISSIONS ...Aging; Carbon; Muridae; Radiation Effects - Biological; Stressors, Physiological; Ultra Violet Radiation; X and Gamma Rays; ...5.0184

THE EFFECT OF IRRADIATION ON THE BIOCHEMICAL CHANGES OF MAMMALIAN CELLS IN THE ABSENCE AND PRESENCE OF PARTICULATE MATERIAL ...Cancer; Cell Injury and Autolysis; Phagocytosis; Radiation; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0388

RADIATION CHEMISTRY AND RADIOBIOLOGY OF MEDIUM EFFECTS ...Gas Chromatography; Microorganisms; Radiation; Radiation Dose Studies-general; Radiolysis; Thin Layer Chromatography; ...5.0590

Aleutian Islands

METEOROLOGY FOR NUCLEAR TESTING ...Computer Models; Forecasting - Prediction; Mississippi; Nevada; Radioactive Fallout; Solar Radiation -sunshine; Weather Forecasting; ...5.0003

AMCHITKA GEOLOGIC INVESTIGATIONS ...Alaska; Geologic Maps; Marine Geology; Seismology; Structural Analysis - Geology; Tectonics; ...5.0264

Algae - Chlorophyta

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES. I. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE ...Cell Injury and Autolysis; Chemical Mutagenesis; Industrial Wastes; Metabolism of Algacides; Plant Ecology -nonspecific; Radiation Sources -general; X and Gamma Rays; ...2.0027

FIELD INVESTIGATION OF THE SUBMERSED AQUATIC ENVIRONMENT ...Aquatic Ecology - Animal; Canals; Irrigation; Physical Water Properties; Soil Chemical Properties; ...2.0072

EUTROPHICATION STUDIES IN BOSTON HARBOR ...Eutrophication; Harbors; Massachusetts; Water Pollutant Identification; ...2.0179

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algae - Cyanophyta; Algal Pollutant Sources; Chelation & Complexing; Detergent Builders; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Water Chemistry; Wisconsin; ...2.0441

ORGANIC NUTRIENT FACTORS AFFECTING ALGAL GROWTH ...Algae - Cyanophyta; Algae -nonspecific; Carbon; Nutrients; Secondary Treatment; ...2.0704

CLADOPHORA AS RELATED TO POLLUTION IN WESTERN LAKE ERIE ...Algal Pollutant Sources; Contamination - Water; Lower Plants; Mulches; Product Development Research; ...2.0726

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Ceratophyllaceae; Eutrophication; Fertilizers -aquatic; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Potamogetonaceae; ...2.1650

USE OF ALGAE, ALGAE-PROTOZOA, AND ALGAE-BACTERIA CULTURES IN SEWAGE TREATMENT ...Algae - Cyanophyta; Cellular Physiology- Env. Eff.; Foreign Agriculture; Oxygen Content (water); Product Development Research; Sewage - Domestic; Waste Water Treatment -general; ...3.0136

USE OF SEWAGE TO PRODUCE ALGAE FOR LIVESTOCK FEED ...Algae - Cyanophyta; Algal Physiology; Fungi -nonspecific; Plant Waste Removal, Treatment; Sewage Bacteria; ...3.0369

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Cellular Biosynthesis; Diuron; Herbicides and Other Chem; Nitrogen Metabolism; Pesticide Action on Plants; Photosynthesis; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0340

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis; Quinone Cpds. -nonspecific; Triazines - nonspecific; ...4.1086

COMPARISON OF ULTRA-VIOLET AND X-RAY DAMAGE IN THE PROGENY OF IRRADIATED CELLS - STUDY OF PROTEIN AND RNA SYNTHESIS IN OEDOGONIUM ...Algal Physiology; Cell Injury and Autolysis; Radiation; Ultra Violet Radiation; ...5.0186

EFFECTS OF ULTRAVIOLET RADIATION ON ALGAE - MECHANISMS OF INACTIVATION AND REPAIR ...Algae - Euglenophyta; Algal Physiology; Cell Injury and Autolysis; Cellular Repair Mechanisms; Plants; Radiation; Ultra Violet Radiation; ...5.0607

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Cell and Tissue Permeability; Cell Membrane Permeability; Chlorophyll; Electronic Components; Permeability; Physical Control; Potamogetonaceae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

Algae - Chrysophyta-cf Diatoms

EVALUATION OF SOME ENVIRONMENTAL CONDITIONS CAUSING ALGAL BLOOMS ...Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Eutrophication; ...2.0686

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants, Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; Tracers; ...2.1731

Algae - Cyanophyta

ATMOSPHERIC CONSTITUENTS OF THE TERRESTRIAL-TYPE PLANETS ...Algal Pollutant Sources; Environmental Influences; Gases; Pesticides -nonspecific; Space Medicine - Exobiology; Weather - Physical Properties; ...1.0315

DYNAMICS OF ALGAE POPULATIONS IN FARM FISH PONDS ...Algal Pollutant Sources; Farm Pond; Lower Plants; Phytoplankton; Seasonal Distribution; Taxonomy -plant; ...2.0001

BLUE-GREEN ALGAE AS A SOURCE OF WATER CONTAMINATION ...Algal Pollutant Sources; Algal Toxins; Arizona; Range Or Territorial Distr.; Taxonomy -plant; ...2.0015

STUDIES OF COPPER TAILINGS ...Copper; Drainage; Lakes; Mine Wastes; Spoil Banks; Toxic Minerals; ...2.0200

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Animal Productivity; Carbon; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; Water Depth; Water Levels; ...2.0205

AN INVESTIGATION OF THE EXTENT AND CAUSE OF EUTROPHICATION OF CANYON FERRY RESERVOIR, MONTANA ...Eutrophication; Missouri River; Nutrients; Reservoirs and Impoundments; Zooplankton; ...2.0232

AN INVESTIGATION OF APHANIZOMENON FLOS-AQUAE, A TOXIC BY-PRODUCT OF EUTROPHICATION ...Algal Toxins; Aquatic Ecology - Animal; Eutrophication; Plant Toxins; ...2.0246

ROLE OF FUNGI & ALGAE IN FORMATION AND HYDROLYSIS OF LAKE ERIE SEDIMENTS ...Aquatic Fungi -nonspecific; Biological Cycles; Cellular Catabolism-see Degrad; Eutrophication; Lake Erie; Sediment Lithification; ...2.0301

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Carbon; Cellular Catabolism-see Degrad; Eutrophic Lakes; Kinetics; Water Bacteria; ...2.0323

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Bacterial Ecology; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Eutrophication; Lake Deposits; Oregon; Water Bacteria; ...2.0324

THE AUTECOLOGY OF SOME BLUE-GREEN PLANKTON ALGAE ...Algal Physiology; Algal Pollutant Sources; Environmental Influences; Eutrophication; Lower Plants; Primary Productivity - Plants; ...2.0325

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

METABOLISM OF FIXED NITROGEN BY PLANTS AND BACTERIA ...Azotobacter; Clostridia; Eutrophication; Kinetics; ...2.0439

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algal Pollutant Sources; Chelation & Complexing; Detergent Builders; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Water Chemistry; Wisconsin; ...2.0441

TASTES AND ODORS IN WATER SUPPLIES ...Actinomycetes - nonspecific; Algal Pollutant Sources; Nitrogen and Nitrogen Cpds.; Potable Water; Taste & Odor of Water; Water Pollution - see Specifics; Water Quality -general; ...2.0486

ORGANIC NUTRIENT FACTORS AFFECTING ALGAL GROWTH ...Algae - Chlorophyta; Algae -nonspecific; Carbon; Nutrients; Secondary Treatment; ...2.0704

INTERCEPTION AND DEGRADATION OF PESTICIDES BY AQUATIC ALGAE ...Cellular Catabolism-see Degrad; DDT; Dieldrin; Metabolism of Algacides; Microorganism-see Cell. Catab.; Pesticides -see Pesticide; Radioisotopes -nonspecific; ...2.0779

EFFECTS OF ENVIRONMENTAL CHANGES ON BLUE-GREEN ALGAE ...Algal Physiology; Cellular Metabolism - Controls; Chemical Mutagenesis; Eutrophication; Water Quality Control - general; ...2.0912

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algal Pollutant Sources; Carbon; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

CONCENTRATION OF PHOSPHATES FROM INDUSTRIAL WASTES BY BLUE-GREEN ALGAE ...Algal Physiology; Estuaries; Marine Plants; Waste Water Treatment -general; ...2.1073

BIOLOGICAL NITROGEN FIXATION IN LAKES, PHASE II ...Eutrophic Lakes, Eutrophication; Hydrogenation; Nitrogen Metabolism; Water Utilization -plant; ...2.1779

USE OF ALGAE, ALGAE-PROTOZOA, AND ALGAE-BACTERIA CULTURES IN SEWAGE TREATMENT ...Algae - Chlorophyta; Cellular Physiology- Env. Eff.; Foreign Agriculture; Oxygen Content (water); Product Development Research; Sewage - Domestic; Waste Water Treatment -general; ...3.0136

USE OF SEWAGE TO PRODUCE ALGAE FOR LIVESTOCK FEED ...Algae - Chlorophyta; Algal Physiology; Fungi -nonspecific; Plant Waste Removal, Treatment; Sewage Bacteria; ...3.0369

THE EFFECT OF PESTICIDES ON PRIMARY PRODUCERS IN A FRESHWATER ECOSYSTEM (ABBREV.) ...Adenosine Triphosphate; Aroclor; Insecticides -nonspecific; Pesticides -see Pesticide; Phytoplankton; Polychlorinated Biphenyl Cpds.; ...4.0707

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Chemical Mechanisms & Kinetics; Mechanism Determination; Photolysis; Pulse Radiolysis; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Radiolysis; ...5.0223

THE ROLE OF STRUCTURE AND ENERGY (OR IONIZATION) TRANSFER IN RADIATION CHEMISTRY AND BIOLOGY ...Chemical Mechanisms & Kinetics; Plants; Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0224

Algae - Euglenophyta

DETECTION AND SIGNIFICANCE OF KLEBSIELLA IN WATER ...Aerobacter Aerogenes; Algal Physiology; Bacterial Identification; Bacterial Population Surveys; Marine Plants; ...2.0837

CONTROLLING THE RESPONSES OF CROP AND WEED PLANTS TO HERBICIDES ...Gossypium; Herbicides and Other Chem; Pesticide Action on Plants; Plant Tissue Analysis -chem.; ...4.0329

EFFECTS OF ULTRAVIOLET RADIATION ON ALGAE - MECHANISMS OF INACTIVATION AND REPAIR ...Algae - Chlorophyta; Algal Physiology; Cell Injury and Autolysis; Cellular Repair Mechanisms; Plants; Radiation; Ultra Violet Radiation; ...5.0607

Algae - Phaeophyta

PRIMARY PRODUCTION AND DECOMPOSITION IN ESTUARINE WATER ...Algal Physiology; Carbon; Cellular Catabolism-see Degrad; Estuaries; Marine Plants; Organic Properties; ...2.0102

Algae - Pyrrophyta

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; Tracers; ...2.1731

Algae - Rhodophyta

PRIMARY PRODUCTION AND DECOMPOSITION IN ESTUARINE WATER ...Algae - Phaeophyta; Algal Physiology; Carbon; Cellular Catabolism-see Degrad; Estuaries; Marine Plants; Organic Properties; ...2.0102

Algae -nonspecific

STUDY TO DETERMINE THE FATE OF CO IN THE ATMOSPHERE ...Air Pollution-chemistry; Carbon Monoxide; Microorganisms -nonspecific; Respiration; ...1.0318

THE ULTRASTRUCTURE OF NORTH AMERICAN HEPIACEAE ...Air Pollution -see Specifics, Bioindicators; Evolution; Fungi -nonspecific; Lichenes, Symbiosis - Plants; ...1.0359

DYNAMICS OF ALGAE POPULATIONS IN FARM FISH PONDS ...Algae - Cyanophyta; Algal Pollutant Sources; Farm Pond; Lower Plants; Phytoplankton; Seasonal Distribution; Taxonomy - plant; ...2.0001

A STUDY OF PHYTOPLANKTON DYNAMICS IN LAKE FAYETTEVILLE AS A MEANS OF ASSESSING WATER QUALITY ...Biological Water Properties; Eutrophication; Lake Stages; Physical Water Properties; Primary Productivity - Plants; ...2.0022

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Elevation Levels, Altitude; Erosion; Forest Watersheds; Mineralogical Water Properties; Oligotrophic Lakes; Optical Properties of Water; Recreation, Water Resources; Temperature Or Heat Budgets; Turbidity (water); ...2.0032

ALGAE DEGRADATION IN WATERWAYS ...Algal Pollutant Sources; Contamination - Water; Environmental Influences; Light; ...2.0043

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff, Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; Water Quality -general; ...2.0098

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Benthic Organisms -nonspecific; Bottom Sampling; Chemical Water Properties; Microorganisms -nonspecific; Plant Freshwater Ecology; Spectrographic Techniques; Waste Water Treatment -general; Water Quality Control -general; ...2.0114

PREPARATION AND EVALUATION OF STARCH DERIVATIVES FOR DETERGENT BUILDERS ...Chelation & Complexing; Detergent Builders; Home Economics; Polymerization; Water Chemistry; ...2.0126

ALGAL GROWTH POTENTIAL OF ILLINOIS WATERS ...Illinois; Plant Productivity -general; Water Pollutant Identification; Water Quality -general; ...2.0128

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Biological Water Properties; Eutrophication; Indiana; Lakes; Organic Properties; Synoptic Weather Observations; Temperature - Air, Vertical Distribution; Water Stratification; ...2.0137

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Chemical Analysis (water); Environmental Influences; Eutrophication; Iowa; Nutrients; Water Pollutant Identification; Water Standards & Baselines; ...2.0143

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Chemical Water Properties; Eutrophic Lakes; Eutrophication; Iowa; Oxygen Content (water); Water Pollutants - Path of; Water Quality Control -general; ...2.0144

THE RELATIONSHIP BETWEEN ALGAL GROWTH AND THE AVAILABILITY OF CARBON ...Algal Physiology; Carbon; Environmental Influences; Eutrophication; Primary Productivity - Plants; Water Quality Control -general; ...2.0161

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control -general; ...2.0166

MICROBIAL INTERVENTION IN THE EUTROPHICATION PROCESS ...Aquatic Soils; Deposits; Eutrophication; Mineralogical Water Properties; Organic Properties; Plant Food Chains; ...2.0177

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Data Acquisition; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Urban Research -general; ...2.0180

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algal Physiology; Eutrophic Lakes; Mineral Nutrition; Organic Water Properties; Photosynthesis; Plant Epiphytic Relationships; Plant Productivity -general; Submerged Plants; ...2.0198

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Biological Water Properties; Evaporation; Montana; Oxygen Content (water); Phytoplankton; Productivity of Freshwater; Stratification (water); Wyoming; ...2.0233

EUTROPHICATION OF SMALL RESERVOIRS IN THE GREAT PLAINS ...Chemical Water Properties; Flood Control Reservoirs; Great Plains Province, Nebraska; Physical Water Properties; Temporal Distribution; ...2.0238

CANADARAGO LAKE EUTROPHICATION STUDY ...Agricultural Runoff; Biological Water Properties; Data Acquisition; New York; Phosphorus and Phosphorus Cpds, Sewage - Domestic; Soil Tillage; Urban Runoff; ...2.0256

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological Effects; Eutrophication; Microorganisms -nonspecific; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus - nonspecific; ...2.0264

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Aquatic Soils; Ecological Effects; Eutrophication; Hydrocharitaceae; Phytoplankton; Plant Succession; Potamogetonaceae; ...2.0266

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases; Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth; Water Levels; ...2.0332

EUTROPHICATION - BIOLOGICAL CONTROL USING GRAZERS ...Biological Control; Cultural Control; Eutrophication; Literature Search; Plant Pollutants; Water Quality Control - general; ...2.0333

EUROPHICATION - PHYSICAL ECOLOGICAL CONTROL ...Chemical Water Properties; Cultural Control; Environmental Influences; Eutrophication; Physical Water Properties; Stratification (water); Water Quality Control -general; ...2.0334

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Aquatic Soils; Chemical Properties; Eutrophication; Geochemical Analysis (water); Mineralogical Water Properties; Nutrients; Organic Properties; Soil Chemical Properties; Water Bacteria; ...2.0336

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Biological Water Properties; Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of; Water Pollution Sources; Water Quality -general; ...2.0400

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algal Physiology; Environmental Influences; Eutrophication; Lake Stages; Physical Control; Stratification (water); Washington; Water Supply Augmentation; ...2.0429

TOLERANCE AND CYTOLOGICAL RESPONSE OF ALGAE TO MINE WATER ...Acidity (water); Contamination - Water; Industrial Wastes; Water Pollution Effects; ...2.0430

PLANT-AVAILABLE PHOSPHORUS STATUS OF LAKES ...Chemical Analysis (water); Deposits; Eutrophication; Microorganisms -nonspecific; Phosphorus; Phosphorus and Phosphorus Cpds; ...2.0436

DETECTION OF LIMITING AND SURPLUS NUTRIENTS IN ALGAE ...Algal Physiology; Ecological Effects; Environmental In-

fluences; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; ...2.0440

EUTROPHICATION - N CYCLE - NITRIFICATION AND DENITRIFICATION ...Bacterial Identification; Lemnaceae; Survey Studies (water); Wisconsin; ...2.0449

PROVISIONAL ALGAL ASSAY PROCEDURES ...Bioassays; Eutrophication; Primary Productivity - Plants; Water Pollutant Identification; ...2.0487

ULTRAVIOLET ABSORPTION IN COASTAL WATERS ...California; Coastlines - Shorelines; Organic Matter; Plant Productivity - general; Ultra Violet Radiation; ...2.0493

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Aquatic Ecology - Animal; Brazil; Florida; Marine Plants; Plant Distribution; Plant Population Dynamics - gen; Protozoa; Taxonomy -plant; Water Quality -general; ...2.0542

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology -nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies -animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

REMOTE SENSING OF WATER QUALITY IN THE MARINE ENVIRONMENT ...Aerial Photography -see Photo.; Electronic Detection, Tracking; Infra Red Photography; Marine Environments, Marine Pollution, Thermal Properties; ...2.0615

POTENTIAL ALGAL PRODUCTIVITY AS MEASURED BY A TURBIDOSTAT ...Analysis and Detection; Nutrients; Primary Productivity - Plants; Turbidity (water); ...2.0625

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Bioassays; Chemical Analysis (water); Eutrophication; Fertilizers -aquatic; Nutrients; Ponds; Water Pollutant Identification; ...2.0636

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Effluents - Waste Water; Lake Stages; Lower Plants; Nutrients; Phytoplankton; Plant Productivity - general; Tertiary Treatment; ...2.0641

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Data Reduction and Analysis; Eutrophication; Land Use; New York; Plants - Dicotyledons; Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

ORGANIC NUTRIENT FACTORS AFFECTING ALGAL GROWTH ...Algae - Chlorophyta; Algae - Cyanophyta; Carbon; Nutrients; Secondary Treatment; ...2.0704

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

DEVELOPMENT OF PROVISIONAL ALGAL ASSAY PROCEDURE ...Algal Physiology; Bioindicators; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Statistics; Water Pollutant Identification; ...2.0707

THE RELATION OF ESTUARINE ALGAE TO WATER QUALITY ...Aquatic Distribution; Estuaries; North Carolina; Plankton Sampling; Range Or Territorial Distr.; ...2.0709

DISSOLVED INORGANIC REMOVAL BIOASSAY OF ALGAL GROWTH POTENTIAL ...Algal Pollutant Sources; Cellular Metabolism - Controls; Nitrogen and Nitrogen Cpds.; Tertiary Treatment; ...2.0718

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Bacterial Population Surveys; Cellular Physiology-Env. Eff.; Chemical Water Properties; Contamination - Water; Environmental Influences; Physical Water Properties; Sediments; Water Pollutants - Path of; ...2.0724

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Aquatic Ecology - Animal; Eutrophic Lakes; Eutrophication; Ohio; Plant Habitat Studies; Reservoirs and Impoundments; Survey Studies (water); Vertical Distribution; ...2.0729

FLORISTIC AND FAUNISTIC SURVEY IN THE CUYAHOGA RIVER WATERSHED ...Aquatic Ecology - Animal; Fish; Ohio; Plant Freshwater Ecology; River Basins; ...2.0732

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Carbon - 14 Dating; Data Reduction and Analysis; Management (water); Oregon; Plant Freshwater Ecology; Survey Studies (water); Water Quality -general; Watersheds; ...2.0744

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

DETECTION OF NUTRIENT LIMITATIONS OF ALGAL GROWTH IN SURFACE WATERS ...Algal Physiology; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; ...2.0765

DEVELOPMENT OF A METHOD FOR CHRONIC TOXICITY BIOASSAY USING MARINE PLANKTONIC ALGAE ...Bioassays; Lower Plants; Plant Population Dynamics -gen; Water Pollutant Identification; ...2.0788

STUDY OF NITROGEN METABOLISM IN MARINE ALGAE ...Algal Physiology; Bioassays; Marine Plants; Physiological Effects; Water Pollutant Identification; ...2.0799

THE MOLECULAR NATURE OF ORGANIC WASTE REMOVAL PATTERNS ...Activated Sludge; Aquatic Fungi -nonspecific; Bacteria! Population Surveys; Organic Matter; Process Design; Total Organic Carbon; ...2.0817

LAKE NUTRIENT STUDY ...Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; Sewage; ...2.0848

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algal Physiology; Contamination - Water; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Plant Physiological Ecology; Plant Species Diversity; Seasonal Distribution; Wisconsin; ...2.0853

EVALUATION OF THE PROVISIONAL ALGAL ASSAY PROCEDURE ...Algal Physiology; Bioassays; Eutrophication; Waste Water Treatment -general; ...2.0865

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED, WALWORTH, ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Chemical Water Properties; Fish; Najadaceae; Physical Water Properties; Range Or Territorial Distr.; Water Pollutant Identification; Watersheds; ...2.0868

WATER PURIFICATION BY LARGE-SCALE ELECTROPHORESIS ...Air Pollution-chemistry; Bacteriophage; Electrophoresis; Membranes; Sewage Bacteria; ...2.0872

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment - general; ...2.0983

TERRESTRIAL ECOLOGY ...Freezing & Below; Low Temp. - But Above 32f; Pinus -nonspecific; Radiomotopes; Soil Moisture; Sprinkler Irrigation; Transpiration and Evap; ...2.1001

DETERMINATION OF THE FEASIBILITY OF REMOVAL OF ALGAL NUTRIENTS IN LAKE WATERS BY ION-EXCHANGE ...Acidity (water); Circulation (water); Eutrophication; Ion Exchange; Massachusetts; Nutrients; Water Chemistry; ...2.1040

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Aquifers; Cultural Control; Eutrophication; Landfill; Nutrients; Sanitary Landfills; Waste Disposal-see Solid Waste; ...2.1047

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acid Mine Drainage; Acidity (water); Algal Physiology; Alkalinity (water); Mine Drainage Control; Oxygen Content (water); Plant Fresh-

water Ecology; Rehabilitation -streams -lakes; Waste Water Treatment egeneral; ...2.1079

RESPIRATION OF AQUATIC MACROPHYTES IN EUTROPHIC SYSTEMS ...Aquatic Plants -nonspecific; Eutrophication; Mineral Nutrition; Oxygen Content (water); Primary Productivity - Plants; Water Purification; ...2.1088

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Boating; Fish; Fishing; Molluscs; Recreation, Water Resources; Sewage Lagoons; Waste Water Treatment -general; ...2.1139

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Pilot Plants; Process Design; Turbidity (water); Waste Water Treatment -general; ...2.1170

NUTRIENT REMOVAL FROM AGRICULTURAL WASTE WATER ...Drainage; Groundwater; Nutrients; Water Pollution Sources; ...2.1176

EFFECT OF PHOSPHORUS REMOVAL PROCESSES ON ALGAL GROWTH ...Eutrophication; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Waste Water Treatment -general; Water Resources Protection; ...2.1177

PRACTICALITY OF CHLORINATING ALGAE-LADEN EFFLUENTS FROM STABILIZATION PONDS ...Chlorination; Disinfection; Organics; Sewage Lagoons; Water Pollutant Identification; ...2.1198

STABILIZATION POND OPERATION IN TROPICAL AREAS ...Nitrogen and Nitrogen Cpds.; Sewage Lagoons; Waste Management -see Specific; Water Depth; Water Levels; ...2.1216

DEMONSTRATION OF THE CHANNEL AERATION PROCESS IN TREATMENT OF SEWAGE ...Aeration (water); Aquatic Plants -nonspecific; Effluents - Waste Water; Nutrients; Sewage; Viral Pollutant Sources; ...2.1310

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Acid Mine Drainage; Chlorophyll; Neutralization; Organic Waste -see Waste Treat; Rehabilitation -streams -lakes; Strip Mines; Waste Water Degradation; Waste Water Treatment -general; ...2.1319

RESEARCH INITIATION - LAKE POLLUTION BY INTERNALLY PRODUCED ORGANICS ...Cellular Catabolism-see Degrad; Organic Matter; Plant Productivity -general; Waste Water Treatment -general; ...2.1320

ENVIRONMENTAL STUDY OF PORT PHILLIP BAY ...Bays; Color (water); Environment; Organic Matter; Waste Treatment; Water Quality Control -general; ...2.1485

NAVY ENVIRONMENT - AVOIDANCE AND CONTROL OF THE EFFECTS ON MEN & MARINE LIFE OF TOXIC RED TIDES INITIATED BY LOCAL POLLUTION OF THE SEA ...Algal Physiology; Algal Toxins; Contamination - Water; Environmental Influences; Marine Plants; Water Pollution -see Specifics; Water Pollution Sources; ...2.1493

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Biological Water Properties; Circulation (water); Ecological Effects; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plant Freshwater Ecology; Soil Tillage; Water Properties - general; ...2.1494

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ...Acidity (water); Captive Rearing; Contamination - Water; Environmental Influences; Fish Food Organisms; Molluscs; Pesticide Toxicity to Microorg; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; ...2.1517

THE EFFECT OF POLLUTION ON THE DISTRIBUTION OF LPP PHYCO-VIRUSES IN RELATION TO POLLUTION OF THE CHRISTINA RIVER ...Acidity (water); Delaware; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.1522

POLLUTION TOLERANCE OF SELECTED ALGAE ...Biological Effects; Chemical Water Properties; Ecological Effects; Environmental Influences; India; Lower Plants; Organic Water Properties; Physiological Effects; ...2.1549

MICROBIOLOGY OF THERMALLY POLLUTED ENVIRONMENTS ...Acidity (water); Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Hyperthermal; Radioisotopes -nonspecific; Thermophilic Bacteria; Water Pollutant Identification; ...2.1550

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality - general; ...2.1575

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Benthic Organisms -nonspecific; Chemical Water Properties; Ecological Effects; Environment Resistance-animals; Heat Recovery, Industrial; Photosynthesis; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Contamination - Water; Fish; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; Zinc; ...2.1628

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algal Physiology; Ecological Effects; Effluents - Waste Water; Forecasting - Prediction; Management; Nutrients; Sewage Treatment Plant; Water Pollutant Identification; ...2.1646

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Molluscs; Ponds; Temperature (water); ...2.1661

COMPUTER SIMULATION OF EUTROPHICATION ...Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods - general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

THE EFFECTS OF HEATED WASTE WATERS UPON MICROBIAL COMMUNITIES ...Ecological Effects; Energy Conversion; Management (water); Protozoa; ...2.1743

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollutant Sources; ...2.1752

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Model Studies; Nutrients; Physical Water Properties; Primary Productivity - Plants; Statistics; Washington; Water Purification; ...2.1768

MICROBIOLOGY OF FARM PONDS ...Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS ...Chlorination; Effluents - Waste Water; Pseu-

domonas; Sewage; Sewage Lagoons; Water Pollution -see Specifics; Zooplankton; ...3.0356

TREATMENT AND UTILIZATION OF WASTES ...Farm Animal Wastes; Industrial Wastes; Nutrients; Product Development Research; Waste Water Treatment -general; Water Pollution Sources; ...3.0393

PESTICIDE MONITORING PROGRAM LAKE MICHIGAN ...Environment Accumulation Rates; Fish; Lakes; Pesticide in Food Chains; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0028

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Aquatic Ecology - Animal; Cichlidae; Fish; Methoxychlor; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Water Pollutants - Path of; ...4.0029

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Nematoda; Pesticide Movement in Soils; Soil Chemical Properties; Soil Microbiology; ...4.0095

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBE..RY SOILS AND RESERVOIRS ...DDT; Drainage; Ericaceae; Gas Chromatography; Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

THE USE AND FATE OF BIOREGULANTS ...Bioassay; Carbon; Chemical Analysis; Growth Substances; Metabolism of Algacides; Pesticide Degradation -see Deg; Plant Growth Regulators -ns.; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

REPLACEMENT OF CULTIVATION WITH CHEMICALS ...Bacteria -nonspecific; Chenopodiaceae; Herbicides -nonspecific; Poland; Soil Chemical Properties; Soil Moisture; Tillage; Cropping Systems; ...4.0168

AN INVESTIGATION OF THE EFFECTS OF DDT AND OTHER CHLORINATED HYDROCARBONS ON THE GROWTH OF EURYHALINE MICROALGAE ...Chlorinated Hydrocarbons; Metabolism of Algacides; Pesticide Formulation; Physiological Effects; ...4.0337

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules; Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Ves-438; ...4.0364

EFFECTS OF DILRON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Biological Effects; Chemical Effects; Herbicides and Other Chem; Metabolism of Algacides; Oxygen Content (water); Ponds; Water Quality -general; ...4.0392

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Aquatic Ecology - Animal; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...4.1055

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Annelida; Cesium; Environmental Ecology; Invertebrate Physiology; Plant Ecology -nonspecific; Plant Freshwater Ecology; Productivity of Freshwater; Radioactive Pollution -ns; Ruthenium; ...5.0069

EFFECTS OF IRRADIATION ON LICHENS AND LICHEN-FORMING FUNGI AND ALGAE ...Algal Physiology; Ascomycetes -nonspecific; Cell Membrane Permeability; Radiation; Radiation Effects on Fungi; Symbiosis - Plants; ...5.0410

ENVIRONMENTAL INTERACTIONS ...Animal Succession; Dose Rate; Dose Fractionation; Invertebrate Physiology; Invertebrates; Salinity (water); X and Gamma Rays; ...5.0540

Algal Physiology

ATMOSPHERIC CONSTITUENTS OF THE TERRESTRIAL-TYPE PLANETS ...Algae - Cyanophyta; Algal Pollutant Sources; Environmental Influences; Gases; Pesticides -nonspecific; Space Medicine - Exobiology; Weather - Physical Properties; ...1.0345

DYNAMICS OF THE NITROGEN CYCLE IN LAKES ...Analysis and Detection; Denitrification -see Nitrogen; Eutrophication; Hydrogen; Nitrogen and Nitrogen Cpds.; Nitrogen Cycle -see Denitrif.; Plant Productivity -general; Sub - Polar Regions; ...2.0009

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES. I. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE ...Algae - Chlorophyta; Cell Injury and Autolysis; Chemical Mutagenesis; Industrial Wastes; Metabolism of Algacides; Plant Ecology -nonspecific; Radiation Sources - general; X and Gamma Rays; ...2.0027

ALGAE DEGRADATION IN WATERWAYS ...Algae -nonspecific; Algal Pollutant Sources; Contamination - Water; Environmental Influences; Light; ...2.0043

PRIMARY PRODUCTION AND DECOMPOSITION IN ESTUARINE WATER ...Algae - Phaeophyta; Carbon; Cellular Catabolism-see Degrad; Estuaries; Marine Plants; Organic Properties; ...2.0102

THE RELATIONSHIP BETWEEN ALGAL GROWTH AND THE AVAILABILITY OF CARBON ...Algae -nonspecific; Carbon; Environmental Influences; Eutrophication; Primary Productivity - Plants; Water Quality Control -general; ...2.0161

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control - general; ...2.0166

MICROBIAL INTERVENTION IN THE EUTROPHICATION PROCESS ...Algae -nonspecific; Aquatic Soils; Deposits; Eutrophication; Mineralogical Water Properties; Organic Properties; Plant Food Chains; ...2.0177

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Eutrophic Lakes; Mineral Nutrition; Organic Water Properties; Photosynthesis; Plant Epiphytic Relationships; Plant Productivity -general; Submerged Plants; ...2.0198

AN INVESTIGATION OF APHANIZOMENON FLOS-AQUAE, A TOXIC BY-PRODUCT OF EUTROPHICATION ...Algae - Cyanophyta; Algal Toxins; Aquatic Ecology - Animal; Eutrophication; Plant Toxins; ...2.0246

EUTROPHICATION TIDAL WATERS ...Brackish Water; Estuaries; Marine Plants; New York; Optical Properties of Water; Tidewater Areas; ...2.0262

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Environmental Influences; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds; Optical Properties of Water; Phytoplankton; Temperature (water); ...2.0263

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Estuaries; Eutrophication; Marine Plants; North Carolina; Phosphorus and Phosphorus Cpds; Phytoplankton; Water Pollutant Identification; ...2.0291

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

THE AUTECOLOGY OF SOME BLUE-GREEN PLANKTON ALGAE ...Algae - Cyanophyta; Algal Pollutant Sources; Environmental Influences; Eutrophication; Lower Plants; Primary Productivity - Plants; ...2.0325

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Chemical Properties; Eutrophication; Geochemical Analysis (water); Mineralogical Water Properties; Nutrients; Organic Properties; Soil Chemical Properties; Water Bacteria; ...2.0336

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Animal Productivity; Chemical Water Properties; Eutrophication; Fish; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Primary Productivity - Plants; Zooplankton; ...2.0363

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algae -nonspecific; Environmental Influences; Eutrophication; Lake Stages; Physical Control; Stratification (water); Washington; Water Supply Augmentation; ...2.0429

TOLERANCE AND CYTOLOGICAL RESPONSE OF ALGAE TO MINE WATER ...Acidity (water); Algae -nonspecific; Contamination - Water; Industrial Wastes; Water Pollution Effects; ...2.0430

PLANT-AVAILABLE PHOSPHORUS STATUS OF LAKES ...Algae -nonspecific; Chemical Analysis (water); Deposits; Eutrophication; Microorganisms -nonspecific; Phosphorus; Phosphorus and Phosphorus Cpds; ...2.0436

METABOLISM OF FIXED NITROGEN BY PLANTS AND BACTERIA ...Algae - Cyanophyta; Azotobacter; Clostridia; Eutrophication; Kinetics; ...2.0439

DETECTION OF LIMITING AND SURPLUS NUTRIENTS IN ALGAE ...Algae -nonspecific; Ecological Effects; Environmental Influences; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; ...2.0440

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algae - Cyanophyta; Algal Pollutant Sources; Chelation & Complexing; Detergent Builders; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Water Chemistry; Wisconsin; ...2.0441

EUTROPHICATION - N CYCLE - NITRIFICATION AND DENITRIFICATION ...Algae -nonspecific; Bacterial Identification; Lemnaceae; Survey Studies (water); Wisconsin; ...2.0449

PROVISIONAL ALGAL ASSAY PROCEDURES ...Algae -nonspecific; Bioassays; Eutrophication; Primary Productivity - Plants; Water Pollutant Identification; ...2.0487

ULTRAVIOLET ABSORPTION IN COASTAL WATERS ...Algae - nonspecific; California; Coastlines - Shorelines; Organic Matter; Plant Productivity -general; Ultra Violet Radiation; ...2.0493

NUTRIENT ENRICHMENT AND EUTROPHICATION OF LAKE MICHIGAN ...Eutrophic Lakes; Eutrophication; Mineralogical Water Properties; Phytoplankton; Water Pollution Sources; ...2.0627

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Algae -nonspecific; Bioassays; Chemical Analysis (water); Eutrophication; Fertilizers -aquatic; Nutrients; Ponds; Water Pollutant Identification; ...2.0636

PHYTOPLANKTONIC NITROGEN AS AN INDEX OF CULTURAL EUTROPHICATION ...Eutrophic Lakes; Eutrophication; Model Studies; Nitrogen and Nitrogen Cpds.; Phytoplankton; Water Pollutant Identification; ...2.0637

NITRIFICATION IN SURFACE WATERS ...Chemical Analysis (water); Michigan; Nitrification; Nitrogen and Nitrogen Cpds.; ...2.0638

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Effluents - Waste Water; Lake Stages; Lower Plants; Nutrients; Phytoplankton; Plant Productivity -general; Tertiary Treatment; ...2.0641

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

ORGANIC NUTRIENT FACTORS AFFECTING ALGAL GROWTH ...Algae - Chlorophyta; Algae - Cyanophyta; Algae - nonspecific; Carbon; Nutrients; Secondary Treatment; ...2.0704

DEVELOPMENT OF PROVISIONAL ALGAL ASSAY PROCEDURE ...Algae -nonspecific; Bioindicators; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Statistics; Water Pollutant Identification; ...2.0707

DISSOLVED INORGANIC REMOVAL BIOASSAY OF ALGAL GROWTH POTENTIAL ...Algae -nonspecific; Algal Pollutant Sources; Cellular Metabolism - Controls; Nitrogen and Nitrogen Cpds.; Tertiary Treatment; ...2.0718

CLADOPHORA AS RELATED TO POLLUTION IN WESTERN LAKE ERIE ...Algae - Chlorophyta; Algal Pollutant Sources; Contamination - Water; Lower Plants; Muiches; Product Development Research; ...2.0726

PIGMENT ANALYSIS FOR THE DETECTION OF ENRICHMENT ...Carotenoid Pigments; Chlorophyll; Effluents - Waste Water; Nutrients; Phytoplankton; Water Pollutant Identification; ...2.0736

DETECTION OF NUTRIENT LIMITATIONS OF ALGAL GROWTH IN SURFACE WATERS ...Algae -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; ...2.0765

DEVELOPMENT OF A METHOD FOR CHRONIC TOXICITY BIOASSAY USING MARINE PLANKTONIC ALGAE ...Algae - nonspecific; Bioassays; Lower Plants; Plant Population Dynamics - gen; Water Pollutant Identification; ...2.0788

STUDY OF NITROGEN METABOLISM IN MARINE ALGAE ...Algae -nonspecific; Bioassays; Marine Plants; Physiological Effects; Water Pollutant Identification; ...2.0789

DETECTION AND SIGNIFICANCE OF KLEBSIELLA IN WATER ...Aerobacter Aerogenes; Bacterial Identification; Bacterial Population Surveys; Marine Plants; ...2.0837

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algae -nonspecific; Contamination - Water; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Plant Physiological Ecology; Plant Species Diversity; Seasonal Distribution; Wisconsin; ...2.0853

EVALUATION OF THE PROVISIONAL ALGAL ASSAY PROCEDURE ...Algae -nonspecific; Bioassays; Eutrophication; Waste Water Treatment -general; ...2.0865

EFFECTS OF ENVIRONMENTAL CHANGES ON BLUE-GREEN ALGAE ...Algae - Cyanophyta; Cellular Metabolism - Controls; Chemical Mutagenesis; Eutrophication; Water Quality Control - general; ...2.0972

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

A CRITICAL TEST OF METHODS FOR ISOLATION OF VIRUSES FOR USE IN CONTROL OF NUISANCE ALGAE ...Water Quality Control -general; ...2.1003

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

PHYTOPLANKTON NUTRITION AND PHOTOSYNTHESIS IN EUTROPHIC LAKES ...Eutrophic Lakes; Eutrophication; Monitoring; Phytoplankton; Sewage; ...2.1050

INSTREAM AERATION AND PARAMETERS OF NITROGENOUS BIOCHEMICAL OXYGEN DEMAND ...Aeration (water); New Jersey; Systems Analysis - Water Mgmt; Turbidity (water); Water Quality Control -general; ...2.1057

CONCENTRATION OF PHOSPHATES FROM INDUSTRIAL WASTES BY BLUE-GREEN ALGAE ...Algae - Cyanophyta; Estuaries; Marine Plants; Waste Water Treatment -general; ...2.1073

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acid Mine Drainage; Acidity (water); Alkalinity (water); Mine Drainage Control; Oxygen Content (water); Plant Freshwater Ecology; Rehabilitation -streams -lakes; Waste Water Treatment -general; ...2.1079

STREAM REAERATION ...Aeration (water); Flow Characteristics (water); Nutrients; Organic Matter; Physiological Effects; Southwest U. S.; ...2.1080

RESPIRATION OF AQUATIC MACROPHYTES IN EUTROPHIC SYSTEMS ...Algae -nonspecific; Aquatic Plants -nonspecific; Eutrophication; Mineral Nutrition; Oxygen Content (water); Primary Productivity - Plants; Water Purification; ...2.1088

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Absorption; Colloidal Phenomena; Eutrophication; Gases; Microorganisms - nonspecific; Phosphorus and Phosphorus Cpds; Sewage Bacteria; Waste Water Treatment -general; ...2.1463

FACTORS INFLUENCING THE PRODUCTION OF PLANKTONIC AND BENTHIC PLANTS ...Chemical Water Properties;

Effluents - Waste Water; Nutrients; Optical Properties of Water; Phytoplankton; Plant Succession; Water Pollution Sources; ...2.1473

RADIOECOLOGICAL STUDY OF THE HUMBOLDT BAY MARINE ENVIRONMENT - DEVELOPMENT OF A MODEL ...Invertebrate Physiology; Marine Biology - General; Marine Geology; Plankton; Radioactivity; Turbidity; ...2.1491

NAVY ENVIRONMENT - AVOIDANCE AND CONTROL OF THE EFFECTS ON MEN & MARINE LIFE OF TOXIC RED TIDES INITIATED BY LOCAL POLLUTION OF THE SEA ...Algae -nonspecific; Algal Toxins; Contamination - Water; Environmental Influences; Marine Plants; Water Pollution -see Specifics; Water Pollution Sources; ...2.1493

EFFECTS OF NUTRIENTS AND POLLUTANTS ON THE GROWTH OF MARINE PHYTOPLANKTON ...Marine Biology - General; Marine Pollution; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pacific Ocean; Temperature (water); ...2.1499

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific; Ecological Effects; Effluents - Waste Water; Forecasting - Prediction; Management; Nutrients; Sewage Treatment Plant; Water Pollutant Identification; ...2.1646

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON ...Bioassays; Cellular Physiology- Env. Eff.; Contamination - Water; Estuaries; Petroleum Wastes - Spillage; Phytoplankton; Zooplankton; ...2.1703

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Aquatic Ecology - Animal; Electric Power Plants; Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Degradation -see Pesticide Deg; Energy Conversion; Fish; Heat Recovery, Industrial; Induced Temperature; Organic Water Properties; Phytoplankton; Primary Productivity - Plants; ...2.1736

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Bays; Biological Effects; Degradation; Economic Impact; Environment, Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

USE OF SEWAGE TO PRODUCE ALGAE FOR LIVESTOCK FEED ...Algae - Chlorophyta; Algae - Cyanophyta; Fungi -nonspecific; Plant Waste Removal, Treatment; Sewage Bacteria; ...3.0369

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

AN INVESTIGATION OF THE EFFECTS OF DDT AND OTHER CHLORINATED HYDROCARBONS ON THE GROWTH OF EURYHALINE MICROALGAE ...Algae -nonspecific; Chlorinated Hydrocarbons; Metabolism of Algacides; Pesticide Formulation; Physiological Effects; ...4.0337

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Carbon; Cellular Biosynthesis; Herbicides and Other Chem, Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis; Quinone Cpds. -nonspecific; Triazines -nonspecific; ...4.1086

COMPARISON OF ULTRA-VIOLET AND X-RAY DAMAGE IN THE PROGENY OF IRRADIATED CELLS - STUDY OF PROTEIN AND RNA SYNTHESIS IN OEDOGONIUM ...Algae - Chlorophyta; Cell Injury and Autolysis; Radiation; Ultra Violet Radiation; ...5.0186

THE ROLE OF STRUCTURE AND ENERGY (OR IONIZATION) TRANSFER IN RADIATION CHEMISTRY AND BIOLOGY ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Plants; Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0224

EFFECTS OF IRRADIATION ON LICHENS AND LICHEN-FORMING FUNGI AND ALGAE ...Algae -nonspecific; Ascomycetes -nonspecific; Cell Membrane Permeability; Radiation; Radiation Effects on Fungi; Symbiosis - Plants; ...5.0410

EFFECTS OF ULTRAVIOLET RADIATION ON ALGAE - MECHANISMS OF INACTIVATION AND REPAIR ...Algae - Chlorophyta; Algae - Euglenophyta; Cell Injury and Autolysis; Cellular Repair Mechanisms; Plants; Radiation; Ultra Violet Radiation; ...5.0607

Environmental Influences

ATMOSPHERIC CONSTITUENTS OF THE TERRESTRIAL-TYPE PLANETS ...Algae - Cyanophyta; Algal Pollutant Sources; Gases; Pesticides -nonspecific; Space Medicine - Exobiology; Weather - Physical Properties; ...1.0345

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Elevation Levels, Altitude; Erosion; Forest Watersheds; Mineralogical Water Properties; Oligotrophic Lakes; Optical Properties of Water; Recreation, Water Resources; Temperature Or Heat Budgets; Turbidity (water); ...2.0032

ALGAE DEGRADATION IN WATERWAYS ...Algae -nonspecific; Algal Pollutant Sources; Contamination - Water; Light; ...2.0043

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Eutrophication; Indiana; Lakes; Organic Properties; Synoptic Weather Observations; Temperature - Air; Vertical Distribution, Water Stratification; ...2.0137

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Analysis (water); Eutrophication; Iowa; Nutrients; Water Pollutant Identification; Water Standards & Baselines; ...2.0143

THE RELATIONSHIP BETWEEN ALGAL GROWTH AND THE AVAILABILITY OF CARBON ...Algae -nonspecific; Algal Physiology; Carbon; Eutrophication; Primary Productivity - Plants; Water Quality Control -general; ...2.0161

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control - general; ...2.0166

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Urban Research -general; ...2.0180

HEAVY METAL ION INTERACTION AND TRANSPORT WITH SYNTHETIC COMPLEXING AGENTS AND DETERGENT PHOSPHATE SUBSTITUTES IN AQUATIC SYSTEMS ...Biodegradation-see Degradation; Chelation & Complexing; Detergents -see Surfactants; Leaching; Surfactants -see Detergents; ...2.0221

EUTROPHICATION TIDAL WATERS ...Algal Physiology; Brackish Water; Estuaries; Marine Plants; New York; Optical Properties of Water; Tidewater Areas; ...2.0262

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Algal Physiology; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Phytoplankton; Temperature (water); ...2.0263

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Algae -nonspecific; Aquatic Soils; Ecological Effects; Eutrophication; Hydrocharitaceae; Phytoplankton; Plant Succession; Potamogetonaceae; ...2.0266

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN ...Aquatic Distribution; Lower Plants; Phosphorus and Phosphorus Cpds; Phytoplankton; Runoff (water); Taxonomy -plant, Water Quality -general; ...2.0274

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties; Contamination - Water; Mineral Nutrition; Nutrient Studies -animal; Photosynthesis; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines; ...2.0298

THE AUTECOLOGY OF SOME BLUE-GREEN PLANKTON ALGAE ...Algae - Cyanophyta; Algal Physiology; Algal Pollutant Sources; Eutrophication; Lower Plants; Primary Productivity - Plants; ...2.0325

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

EUROPHICATION - PHYSICAL ECOLOGICAL CONTROL ...Algae -nonspecific; Chemical Water Properties; Cultural Control; Eutrophication; Physical Water Properties; Stratification (water); Water Quality Control -general; ...2.0334

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algae -nonspecific; Algal Physiology; Eutrophication; Lake Stages; Physical Control; Stratification (water); Washington; Water Supply Augmentation; ...2.0429

TOLERANCE AND CYTOLOGICAL RESPONSE OF ALGAE TO MINE WATER ...Acidity (water); Algae -nonspecific; Contamination - Water; Industrial Wastes; Water Pollution Effects; ...2.0430

DETECTION OF LIMITING AND SURPLUS NUTRIENTS IN ALGAE ...Algae -nonspecific; Algal Physiology; Ecological Effects; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; ...2.0440

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algae - Cyanophyta; Algal Pollutant Sources; Chelation & Complexing; Detergent Builders; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Water Chemistry; Wisconsin; ...2.0441

PROVISIONAL ALGAL ASSAY PROCEDURES ...Algae -nonspecific; Bioassays; Eutrophication; Primary Productivity - Plants; Water Pollutant Identification; ...2.0487

VARIABILITY IN DIATOM MORPHOLOGY AND WATER POLLUTION ...Chemical Water Properties; Diatoms (see Also Algae); Water Pollutant Identification; ...2.0530

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Effluents - Waste Water; Lake Stages; Lower Plants; Nutrients; Phytoplankton; Plant Productivity -general; Tertiary Treatment; ...2.0641

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

EVALUATION OF SOME ENVIRONMENTAL CONDITIONS CAUSING ALGAL BLOOMS ...Algae - Chrysophyta-cf Diatoms; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Eutrophication; ...2.0686

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton, Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

DISSOLVED INORGANIC REMOVAL BIOASSAY OF ALGAL GROWTH POTENTIAL ...Algae -nonspecific; Algal Pollutant Sources; Cellular Metabolism - Controls; Nitrogen and Nitrogen Cpds.; Tertiary Treatment; ...2.0718

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Chemical Water Properties; Contamination - Water; Physical Water Properties; Sediments; Water Pollutants - Path of; ...2.0724

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

UPPER DELAWARE RIVER PLANKTON STUDY ...Delaware River; Diatoms (see Also Algae); Plankton; Plankton Sampling; Survey Studies (water); Taste & Odor of Water; Water Quality - general; ...2.0755

EFFECTS OF ENVIRONMENTAL CHANGES ON BLUE-GREEN ALGAE ...Algae - Cyanophyta; Algal Physiology; Cellular Metabolism - Controls; Chemical Mutagenesis; Eutrophication; Water Quality Control -general; ...2.0912

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Algae -nonspecific; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Pilot Plants; Process Design; Turbidity (water); Waste Water Treatment - general; ...2.1170

NUTRIENT REMOVAL FROM AGRICULTURAL WASTE WATER ...Algae -nonspecific; Drainage; Groundwater; Nutrients; Water Pollution Sources; ...2.1176

NAVY ENVIRONMENT - AVOIDANCE AND CONTROL OF THE EFFECTS ON MEN & MARINE LIFE OF TOXIC RED TIDES INITIATED BY LOCAL POLLUTION OF THE SEA ...Algae -nonspecific; Algal Physiology; Algal Toxins; Contamination - Water; Marine Plants; Water Pollution -see Specifics; Water Pollution Sources; ...2.1493

EFFECTS OF NUTRIENTS AND POLLUTANTS ON THE GROWTH OF MARINE PHYTOPLANKTON ...Algal Physiology; Marine Biology - General; Marine Pollution; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pacific Ocean; Temperature (water); ...2.1499

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ...Acidity (water); Captive Rearing; Contamination - Water; Fish Food Organisms; Mollusca; Pesticide Toxicity to Microorg; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; ...2.1517

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Chemical Water Properties; Ecological Effects; India; Lower Plants; Organic Water Properties; Physiological Effects; ...2.1549

POLLUTION AND THE ECOLOGY OF NEAR-SHORE PERIPHYTON OF LAKE SUPERIOR ...Cellular Physiology- Env. Eff.; Contamination - Water; Eutrophication; Nutrients; ...2.1599

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific; Algal Physiology; Ecological Effects; Effluents - Waste Water; Forecasting - Prediction; Management; Nutrients; Sewage Treatment Plant; Water Pollutant Identification; ...2.1646

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON ...Algal Physiology; Bioassays; Cellular Physiology- Env. Eff.; Contamination - Water; Estuaries; Petroleum Wastes - Spillage; Phytoplankton; Zooplankton; ...2.1703

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; Tracers; ...2.1731

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology; Degradation -see Pesticide Deg; Energy Conversion; Fish; Heat Recovery, Industrial; Induced Temperature; Organic Water Properties; Phytoplankton; Primary Productivity - Plants; ...2.1736

MICRO-ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER ...Acid Mine Drainage; Acidity (water); Forecasting - Prediction; Induced Temperature; Lower Plants; Phytoplankton; Primary Productivity - Plants; Thermal Pollution; ...2.1772

USE OF ALGAE, ALGAE-PROTOZOA, AND ALGAE-BACTERIA CULTURES IN SEWAGE TREATMENT ...Algae - Chlorophyta; Algae - Cyanophyta; Cellular Physiology- Env. Eff.; Foreign Agriculture; Oxygen Content (water); Product Development Research; Sewage - Domestic; Waste Water Treatment - general; ...3.0136

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology, ...4.0040

Metabolism of Algacides

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES. I. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE ...Algae - Chlorophyta; Cell Injury and Autolysis; Chemical Mutagenesis; Industrial Wastes; Plant Ecology -nonspecific; Radiation Sources -general; X and Gamma Rays; ...2.0027

INTERCEPTION AND DEGRADATION OF PESTICIDES BY AQUATIC ALGAE ...Algae - Cyanophyta; Cellular Catabolism-see Degrad; DDT; Dieldrin; Microorganism-see Cell Catab; Pesticides -see Pesticide; Radioisotopes -nonspecific; ...2.0779

DEVELOPMENT OF A METHOD FOR CHRONIC TOXICITY BIOASSAY USING MARINE PLANKTONIC ALGAE ...Algae - nonspecific; Bioassays; Lower Plants; Plant Population Dynamics - gen; Water Pollutant Identification; ...2.0788

EFFECT OF NITRILOTRIACETIC ACID (NTA) UPON THE TOXICITY OF METALS TO SELECTED SPECIES OF ESTUARINE PHYTOPLANKTON ...Carbon; Chelation & Complexing; Estuaries; Industrial Wastes; Marine Plants; Physiological Effects; Phytoplankton; ...2.1702

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Phytoplankton; Salinity (water); Temperature; Tracers; ...2.1731

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology, ...4.0040

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Carbon; Chemical Analysis; Growth Substances; Pesticide Degradation -see Deg; Plant Growth Regulators -ns-; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

AN INVESTIGATION OF THE EFFECTS OF DDT AND OTHER CHLORINATED HYDROCARBONS ON THE GROWTH OF EURYHALINE MICROALGAE ...Algae -nonspecific; Chlorinated Hydrocarbons; Pesticide Formulation; Physiological Effects; ...4.0337

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Biological Effects; Chemical Effects; Herbicides and Other Chem; Oxygen Content (water); Ponds; Water Quality -general; ...4.0392

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

CHEMICAL ANALYSES ...Chemical Analysis (water); Contamination - Water; Estuaries; Invertebrate Physiology; Pesticide in Food Chains; Pollution Effects -see Water; ...4.1015

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Pesticide Action on Plants; Photosynthesis; Quinone Cpds -nonspecific; Triazines - nonspecific; ...4.1086

Alkalinity (water)

STUDY OF KEY WEST DESALTING PLANT EFFLUENT ...Contamination - Water; Desalination Wastes; Florida; Physical Effects; Salinity (water); ...2.0053

EFFECT OF COPPER SULFATE ON AQUATIC WEEDS ...Canals; Copper Sulfate; Irrigation; Pesticide Application Rates; Pesticide Formulation; Temperature (water); Water Pollution Sources; ...2.0060

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Color (water); Lime Treatment; Model Studies; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0142

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water); Chemical Water Properties; Drainage; Drainage Engineering; Mineralogical Water Properties; Pesticide Residues; Phosphorus and Phosphorus Cpds; Zea Mays - Field Corn; ...2.0149

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control -general; ...2.0166

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological Effects; Eutrophication; Microorganisms -nonspecific; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus -nonspecific, ...2.0264

EUTROPHICATION AS A PROBLEM IN THE FINGER LAKES ...Acidity (water); Chlorophyll; Eutrophication; New York; Oxygen Content (water); Transparency; Water Properties -general; ...2.0267

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

EFFECT OF DREDGING ON THE NUTRIENT LEVELS AND BIOLOGICAL POPULATIONS OF A LAKE ...Acidity (water); Biological Water Properties; Lakes; Nutrients; Phytoplankton; Silting (water) -see Sediment; Turbidity (water); ...2.0365

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

AN ECOLOGICAL STUDY OF THE LOWER HOUSATONIC RIVER - PHASE I - SURVEY OF THE CHEMICAL ASPECTS OF THE RIVER ...Chemical Water Properties; Connecticut; Ecological Effects; Optical Properties of Water; Survey Studies (water); Zinc; ...2.0523

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

ECOLOGY OF YEASTS IN LAKE CHAMPLAIN ...Acidity (water); Bioindicators; New York; Plant Freshwater Ecology; Temperature (water); Water Pollutant Identification; ...2.0700

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Animal Productivity; Chemical Water Properties; Ohio; Physical Water Properties;

River Basins; Systems Analysis - Water Mgmt; Taxonomy -plant; Water Pollutant Identification; ...2.0722

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage; Automatic Data Aquisition; Chemical Water Properties; Mine Drainage Control; Mineralogical Water Properties; Ohio; Water Properties -general; Zinc; ...2.0733

EFFECTS OF AUGMENTED STREAM FLOW ON WATER QUALITY ...Chemical Analysis (water); Coliforms -nonspecific; Fluorine; Ohio; ...2.0734

BUFFER CAPACITY IN AQUATIC ECOSYSTEMS ...Acidity (water); Biological Water Properties; Mathematical Models; Plant Freshwater Ecology; Water Quality Control -general; ...2.0889

INORGANIC SULFUR OXIDATION BY IRON-OXIDIZING BACTERIA ...Acid Mine Drainage; Bacterial Pollutant Sources; Coal; Iron Bacteria; ...2.1068

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acid Mine Drainage; Acidity (water); Algal Physiology; Mine Drainage Control; Oxygen Content (water); Plant Freshwater Ecology; Rehabilitation -streams -lakes; Waste Water Treatment -general; ...2.1079

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Acid Mine Drainage; Algae -nonspecific; Chlorophyll; Neutralization; Organic Waste -see Waste Treat; Rehabilitation -streams -lakes; Strip Mines; Waste Water Degradation; Waste Water Treatment -general; ...2.1319

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Groundwater; Mineralogical Water Properties; Sprinkler Irrigation; Water Application Methods; Water Quality Control -general; ...2.1418

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Aquatic Ecology - Animal; Biological Effects; Centrarchidae; Cyprinidae; Deltas; Flood Control Planning; Osteichthyes -other; Turbidity (water); ...2.1484

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1575

EFFECTS OF LIMNOLOGICAL FACTORS ON UPTAKE OF 137CS BY FISH ...Acidity (water); Analysis of Variance; Aquatic Ecology - Animal; Chemical Analysis (water); Lakes; Organic Water Properties; Regression Analysis; ...2.1593

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Color (water); Contamination - Water; Fish; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; Zinc; ...2.1628

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Aquatic Ecology - Animal; Embryology -basic; Environmental Physiology; Fish Food Supply - other; Micropterus Salmoides; Temperature (water); Water Pollution Effects; Water Quality -general; ...2.1649

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Molluscs; Ponds; Temperature (water); ...2.1661

FISH AND FOOD ORGANISMS IN MINE ACID WATERS OF PENNSYLVANIA ...Acid Mine Drainage; Behavior -vertebrate; Chemical Effects; Fish; Physiological Effects; ...2.1691

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Bacterial Studies -general; Coliforms -nonspecific; Farm Animal Wastes; Farm Pond; Mineralogical Water Properties; Sewage Lagoons; Streptococcus Fecalis; ...3.0059

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Biological Effects; Chemical Effects; Herbicides and Other Chem; Metabolism; ...; Algicides; Oxygen Content (water); Ponds; Water Quality -general; ...4.0392

Alpha Particles

STUDIES OF THE NATURAL ALPHA-EMITTING RADIOISOTOPES IN MARINE ORGANISMS ...Marine Biology - General; Radiation Effects - Biological; Radioisotopes -nonspecific; ...5.0087

RADIATION RESPONSE AND RECOVERY IN SEA URCHIN GAMETES ...Cesium; Curium; Echinodermata; Invertebrate Physiology: Invertebrates; X and Gamma Rays; ...5.0272

METABOLISM AND DISTRIBUTION OF BONE-SEEKING NUCLIDES BY MAN ...Feces; Lead; Polonium; Radium; Urine; ...5.0282

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Chemical Carcinogenesis; Crickets; Experimental Teratology; Fish; Lead; Muridae; Radiation Carcinogenesis, Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

THE INTERACTIONS BETWEEN ALPHA RADIATION AND CHEMICAL CARCINOGENS IN EXPERIMENTAL LUNG CANCER ...Chemical Carcinogenesis; Co-carcinogenesis; Mammals -nonspecific; Radiation Carcinogenesis, Radiation Effects - Biological; Respiratory Disease; ...5.0383

RADIATION DOSE PATTERNS ASSOCIATED WITH INHALATION OF ALPHA-EMITTING RADIONUCLIDES BY THE BEAGLE DOG ...Aerosols; Canidae; Digestive System - Human; Occupational Hazards; Radiologic Health; ...5.0432

CHROMOSOME ABERRATIONS PRODUCED BY INTERNALLY DEPOSITED RADIOACTIVE MATERIALS IN THE CHINESE HAMSTER ...Beta Particles; Cellular Model Systems; Cerium; Digestive System - Human; Radiation Injury Prevention; Strontium; ...5.0433

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Aerosols; Barium; Cerium; Fission Products-see Radioact.; Praseodymium; Radioactivity; Strontium; Yttrium; ...5.0446

DOSE-RESPONSE RELATIONSHIPS FOR INHALED ALPHA-EMITTING RADIONUCLIDES ...Americium; Canidae; Curium; Injury and Shock; Plutonium; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0449

ENERGY LOSS CHARACTERISTICS OF RADIATION IN MATTER ...Medical Physics; Radiation Chemistry -biophys.; Vertebrates Excl. Man; ...5.0552

RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIONUCLIDES IN THE BEAGLE SKELETON ...Canidae; Injury and Shock; Radiation Carcinogenesis; Strontium; ...5.0723

DEATH FROM AGING, CANCER, IRRADIATION, AND OTHER STRESSES ...Aging; Canidae; Injury and Shock; Radiation Effects - Biological; Stressors, Physiological; ...5.0725

INSTRUMENTATION FOR IN VIVO DETERMINATION OF INSOLUBLE PLUTONIUM IN THE LUNG ...Instrumentation; Occupational Hazards; Plutonium; Radiologic Health; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0822

GROSS ALPHA DETERMINATION IN ENVIRONMENTAL AND BIOLOGICAL SAMPLES ...Californium; Feces; Polonium; Radioactive Isotopes; Reduction Reactions; Urine; ...5.0823

SINUS DOSIMETRY IN RADIUM POISONING CASES ...Occupational Hazards; Radiation Carcinogenesis; Radium; ...5.0827

SPECIAL PROBLEMS IN NUCLEAR INSTRUMENTATION AND MEASUREMENT OF W IN GASES ...Chemical Mechanisms & Kinetics; Ionization Chambers; Kinetic Isotope Effects; Plastics; Radiological Instruments; ...5.0838

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Biological Dosimetry; Commelinaceae; Dosimetry; Ionizing Radiation -see Rad.; Muridae; Plasmas; Radiation; Radiation Sources -general; X and Gamma Rays; ...5.0870

RADIOLOGICAL PHYSICS ...Cell Injury and Autolysis; Cellular Viability; Dosimetry; Minimum Or Threshold Dose; Radiation; Spectrographic Techniques; ...5.0892

HEALTH PHYSICS ...Dosimetry; Ionization Chambers; Ionizing Radiation -see Rad.; ...5.0893

RESPIRATORY TRACT DOSE MODEL FOR URANIUM MINERS ...Mathematical Models; Models (physical) of Anim.&man; Radon; Respiratory Irritants, Inhaled; ...5.0904

INVESTIGATION OF THE THICKNESS OF BRONCHIAL EPITHELIUM ...Radium; ...5.0905

RADIATION DOSIMETRY RESEARCH ...Detectors and Sensors; Fast Neutrons; Human Developmental Biology; Models (physical) of Anim.&man; Radiation Carcinogenesis; Radiologic Health; X and Gamma Rays; ...5.0924

BONE CANCER INDUCTION BY RADIONUCLIDES INCIDENCE VS DOSE ...Canidae; Muridae; Plutonium; Radiation, Low Level; Strontium; ...5.0954

INHALATION STUDIES - KINETICS AND DOSIMETRY STUDIES ...Aerosols; Americium; Cerium; Muridae; Promethium; ...5.0959

INHALATION HAZARDS IN URANIUM MINERS - RADIOCHEMICAL STUDIES ...Aerosols; Mammals -nonspecific; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Radium; Scintillation Counting; Spectrographic Techniques; ...5.0961

Alpine Regions

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation; Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

THE RESPONSE OF HIGHER PLANTS TO ULTRAVIOLET LIGHT AND OTHER STRESS FACTORS ...Cold Resistance and Hardiness; Light and Sun Resistance; Plants; Radiation Sources - general; Temperature - Air; ...5.0717

Altitude

HUMAN ADAPTATION OF CARDIO-PULMONARY FUNCTION TO HYPOBARIC, AQUATIC AND INDUSTRIAL ENVIRONMENTS ...Air Pollution -see Specifics; Anoxia and Hypoxia; Environmental Effects - Human; Metabolism & Metab. Diseases; Pressure; Temperature & Humidity Effects; ...1.0305

RADIATION INJURY ASSOCIATED WITH HIGH ALTITUDE FLIGHTS AND SPACE OPERATIONS ...Beta Particles; Injury and Shock; Mammals -nonspecific; Protons; Radiation Effects - Biological; Radiologic Health; X and Gamma Rays; ...5.0079

PATHOLOGICAL RESPONSES TO SELECTED AEROSPACE ENVIRONMENTS ...Aviation Medicine; Environmental Effects - Human; Laser Effects -bioeffects; Macroorganisms -nonspecific; Radiation Effects - Biological; Toxic Substances; X and Gamma Rays; ...5.0703

BIOLOGICAL EFFECTS OF RADIATION EXPOSURES FROM LONG DURATION FLIGHTS AND REPEATED MISSIONS IN LOW DOSE LEVEL ENVIRONMENTS ...Beta Particles; Military Personnel; Nuclear Warfare; Pilots; Radiation, Low Level; X and Gamma Rays; ...5.0704

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Aircraft; Cosmic Rays; Radiation Injury Prevention; ...5.0862

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Air Occupation - Avocation; Aviation Medicine; Protons; Radioactivity; Spectrographic Techniques; ...5.0863

CONCORDE RADIATION WARNING DEVICE TESTS ...Aerospace Studies; Aviation Medicine; Cosmic Rays; Radiation Injury Prevention; Warning Systems; ...5.0912

Alum Waste Water Treatment

FLOC STRENGTH AND FILTERABILITY OF PRE-TREATED WATER ...Coagulation; Flocculation; Lime Treatment; Pilot Plants; Rapid Filters; Sand Filters; ...2.0874

TERTIARY TREATMENT IN THE PURIFICATION OF WASTE WATER ...Activated Sludge; Denitrification -see Nitrogen; Ocean; Septic Tanks; Trickling Filters; Waste Water Treatment - general; ...2.1180

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Chlorination; Disinfection; Electrical Phenomena; Fluid Mechanics; Pilot Plants; Tertiary Treatment; Waste Water Treatment -general; ...2.1221

REMOVAL OF PHOSPHATES BY SORPTION ON ACTIVATED ALUMINA ...Adsorption; Demineralization; Potable Water; Tertiary Treatment; Waste Material Recovery; Water Chemistry; ...2.1326

PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PLANT ...Activated Sludge; Aeration (water); Denitrification -see Nitrogen; Precipitation; Sewage - Domestic; ...2.1351

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ...Biochemical Oxygen Demand; Electrodialysis; Flocculation; Ion Exchange; Sand Filters; Solid Waste; Waste Treatment Economics; ...2.1365

DEVELOPMENT OF A MATHEMATICAL MODEL FOR SEPARATION, COAGULATION AND SEDIMENTATION PROCESS USING ADDITION OF CHEMICALS ...Coagulation; Effluent-standards; Lime Treatment; Model Studies; Process Design; Sedimentation; Waste Treatment Economics; ...3.0124

LIVESTOCK WASTE DISPOSAL SYSTEM INVOLVING REUSE OF WATER ...Aeration (water); Aluminum; Bos; Farm Animal Wastes; Livestock -nonspecific; Sand Filters; Water Reuse; ...3.0257

SOLUBLE PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Phosphorus and Phosphorus Cpds; Sewage; Sewage Bacteria; ...3.0300

Aluminum

EFFECTS OF FLUORIDES IN AIR, WATER, AND SOIL ON GROWTH, QUALITY, AND YIELDS OF TREE, FIELD, AND VEGETABLE CROPS ...Air - Water - Plant Relations; Fluorine; Gases; Mineral Nutrition; Soil Water Plant Relationships; Zinc; ...1.0319

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Chemical Properties; Eutrophic Lakes; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Chlorine; Fluorine; Iodine; Precipitation Gages; Rain; Zinc; ...2.0097

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Acidity (water); Aquatic Soils; Bottom Sampling; Geochemical Analysis (water); Lakes; Mineralogical Properties; Social Aspects; Soil pH; ...2.0608

MINERALIZATION OF ORGANIC PHOSPHORUS IN OLIGOTROPHIC LAKE SEDIMENTS ...Catalysts; Chemical Water Properties; Hydrolysis, Esterification; Lime Treatment; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; ...2.0692

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage; Alkalinity (water); Automatic Data Aquisition; Chemical Water Properties; Mine Drainage Control; Mineralogical Water Properties; Ohio; Water Properties -general; Zinc; ...2.0733

STUDY ON FLUORIDE CONCENTRATIONS IN TOOTH ENAMEL ...Fluoridation; Fluorine; Potable Water; Public Water Supply Reservoirs; Trace Elements; Zinc; ...2.0907

EFFECTS OF CHEMICAL VARIATIONS IN AQUATIC ENVIRONMENTS ...Chemical Analysis (water); Colorado River; Data Acquisition; Lead; Oil Shale; Salinity (water); ...2.1512

COMPARATIVE TOXICITIES OF METALS TO ESTUARINE FISHES ...Bioassays; Cyprinodontidae; Environmental Physiology; Industrial Wastes; Marine Animals; Toxic Substances; ...2.1701

LIVESTOCK WASTE DISPOSAL SYSTEM INVOLVING REUSE OF WATER ...Aeration (water); Bos; Farm Animal Wastes; Livestock -nonspecific; Sand Filters; Water Reuse; ...3.0257

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides -see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

FERTILITY OF FOREST NURSERY SOILS ...Cold Resistance; Forest Pathology; Maneb; Pesticide Phytotoxicity; Plant Residues, Humus, Compost; Soil Cover Crops; ...4.0517

PHYTOTOXICITY OF MSMA RESIDUES AND ARSENIC CONTENT OF FOODS ...Arsenic; Glycine; Msma; Phaseolus; Soil Chemical Properties; ...4.0960

METABOLISM AND REMOVAL OF SR 90 AND RA 226 IN MAN ...Beta Particles; Digestive System - Human; Feces; Muridae; Phosphorus and Phosphorus Cpds; Radiation Injury Prevention; ...5.0316

Amphibians

STUDIES OF ENVIRONMENTAL AIR POLLUTANTS ...Air Pollution -see Specifics; Carbon; Experimental Teratology; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0198

RADIONUCLIDE CYCLING IN NATURAL POPULATIONS OF AMPHIBIANS ...Aquatic Ecology - Animal; Contamination - Water; Iodine; Manganese; Water Cycle; Zinc; ...2.0331

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Algae -nonspecific; Aquatic Ecology - Animal; Cichlidae; Fish; Methoxychlor; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Water Pollutants - Path of; ...4.0029

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Birds; Crayfish; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0633

FACTORS AFFECTING PESTICIDE TOXICITY ...Birds; Fish; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticides Compatibility; ...4.0650

ECOLOGICAL AND RADIO-ECOLOGICAL INVESTIGATIONS AT THE AEC SAVANNAH RIVER PLANT ...Animal Migration; Aquatic Ecology - Animal; Energy Budgets; Mammals -nonspecific; Radiation Effects - Biological; Reptiles; ...5.0260

PARTIAL-CELL IRRADIATION OF MITOTIC CELLS ...Cellular Metabolism - Controls; Protons; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0309

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology; Fish; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

EFFECTS OF RADIATION ON MIGRATORY ORIENTATION OF SALAMANDERS ...Animal Behavioral Ecology; Animal Productivity; Ponds; Radiation Resistance -animals; ...5.0603

RESPONSES OF ANIMALS TO IONIZING RADIATION ...Fish; Invertebrates; Radiation Effects - Man; X and Gamma Rays; ...5.0640

FACTORS UNDERLYING IMPAIRMENT OF AMPHIBIAN LIMB REGENERATION & ALTERATION OF ENDOCRINE FUNCTION BY IONIZING RADIATION (ABBREV) ...X and Gamma Rays; ...5.0729

Anaerobic Wastewater Treatment

IDENTIFICATION AND CONTROL OF PETROCHEMICAL POLLUTANTS INHIBITORY TO ANAEROBIC TREATMENT ...Lagoon ; Organic Waste -see Waste Treat; Petroleum Wastes - Spillage; Waste Dilution- Self Purifying; Waste Water Degradation; Waste Water Treatment -general; ...2.0851

CONCENTRATION OF SUGAR BEET WASTES FOR ECONOMIC TREATMENT WITH BIOLOGICAL SYSTEMS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Effluent-standards; Precipitation; Waste Treatment Economics; ...2.1199

ANAEROBIC TREATMENT OF STARCH WASTEWATERS ...Biochemical Oxygen Demand; Colloidal Phenomena; Flotation; Sedimentation; Waste Digestion; Waste Management -see Specific; Waste Water Treatment -general; ...2.1212

RECLAMATION OF ENERGY FROM ORGANIC REFUSE ...Digestion; Fuels; Organic Matter; Sewage - Domestic; Waste Material Recovery; ...2.1261

EAST CHICAGO TREATMENT LAGOON ...Aerobic Waste Water Treatment; Chlorination; Effluent-standards; Sewer Systems; Waste Water Treatment -general; ...2.1265

MICROBIAL INTERACTIONS IN WASTE TREATMENT SYSTEMS ...Bacterial Studies -general; Fermentation; Membranes; Methane Bacteria -nonspecific; Waste Digestion; Waste Water Treatment -general; ...2.1266

CATTLE FEEDLOT WASTE WATER TREATMENT ...Aerobic Waste Water Treatment; Agricultural Runoff; Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Lagoon; Sewage Lagoons; ...2.1274

OPTIMAL DESIGN OF WASTE TREATMENT SYSTEMS ...Activated Sludge; Optimization; Economic; Process Design; Waste Treatment; ...2.1277

BIOLOGICAL TREATMENT OF BEEF ANIMAL WASTES TO REDUCE WATER POLLUTION ...Aeration (water); Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Oxidation; ...2.1278

RESEARCH INITIATION - LAKE POLLUTION BY INTERNALLY PRODUCED ORGANICS ...Algae -nonspecific; Cellular Catabolism-see Degrad; Organic Matter; Plant Productivity - general; Waste Water Treatment -general; ...2.1320

THE USE OF ANAEROBIC FILTERS FOR THE RENOVATION OF ACIDIC WASTEWATERS ...Acid Mine Wastes; Acidity (water); Filtration; Mathematical Models; Organic Matter; Organics; Waste Water Treatment -general; ...2.1323

BIOLOGICAL TREATMENT OF ACID MINE WATER ...Acid Mine Wastes; Acidity (water); Model Studies; Process Design; ...2.1354

PROCESS DEVELOPMENT FOR REMOVAL OF NUTRIENT MATERIALS FROM WASTEWATERS ...Activated Sludge; Additives; Denitrification -see Nitrogen; Effluent-standards; Pollutant Removal; Waste Water Treatment -general; ...2.1363

REMOVAL OF NITROGENOUS COMPOUNDS FROM A FERTILIZER PLANT EFFLUENT USING A MODIFIED OPERATION OF CONVENTIONAL WASTE TREATMENT SYSTEMS ...Aeration (water); Denitrification -see Nitrogen; Ion Exchange; Precipitation; Trickling Filters; ...2.1417

OPTIMAL CONDITIONING PROCEDURES FOR WASTE ACTIVATED SLUDGE DISPOSAL ...Activated Sludge; Aerobic Waste Water Treatment; Dewatering; Digestion; Electrochemistry; Sand Filters; Waste Water Treatment -general; ...2.1442

STABILIZATION OF ORGANIC WASTES FROM CATTLE FEEDLOTS IN SEMI-ARID CLIMATES BY COMPOSTING TECHNIQUES ...Aerobic Waste Water Treatment; Bos; Farm Animal Wastes; Semi - Arid Regions; ...3.0012

AERATED LAGOONS & ANAEROBIC REACTORS - A FIELD & LAB STUDY OF THEIR EFFICIENCIES & DESIGN PRINCIPLES IN SEWAGE TREATMENT ...Aeration (water); Farm Animal Wastes; Process Design; Sewage Lagoons; ...3.0063

ANAEROBIC TREATMENT OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Farm Animal Wastes; ...3.0085

ANAEROBIC TREATMENT OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Farm Animal Wastes; ...3.0086

DESIGN AND OPERATION CRITERIA FOR AN ANAEROBIC LAGOON FOR SWINE WASTE ...Biochemical Oxygen Demand; Lagoon; Piedmont Province; Sewage Lagoons; Water Reuse; ...3.0113

LIVESTOCK WASTE TREATMENT AND DISPOSAL ...Aeration (water); Antibiotics -nonspecific; Feces; Noise -see Noise; Sewage Lagoons; Waste Disposal on Soils; ...3.0141

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Chemical Oxygen Demand; Farm Animal Wastes; Lagoon; Noise -see Noise; Recycle Water; Sus; ...3.0145

EFFECT OF PRESYNTHESIZED BIOLOGICAL INTERMEDIATES ON SUBSTRATE UTILIZATION RATES ...Effluents - Waste Water; Methane Bacteria -nonspecific; Waste Water Treatment -general; ...3.0204

THE BIOCHEMISTRY OF ANAEROBIC DIGESTION ...Anaerobic Bacteria; Organics; Waste Digestion; ...3.0228

MICROBIOLOGY OF ANAEROBIC SLUDGE ...Anaerobic Bacteria; Bacterial Population Surveys; Fermentation; Methane Bacteria -nonspecific; Rate of Reaction; Waste Water Treatment - general; ...3.0251

TREATMENT OF BEAN HOUSE WASTES FROM A VEGETABLE TANNERY ...Aerobic Waste Water Treatment; Electrochemistry; Neutralization; Tannery Wastes; ...3.0262

CONVERSION OF EXISTING ANAEROBIC DIGESTERS TO AEROBIC DIGESTERS - FULL PLANT SCALE ...Activated Sludge; Aerobic Waste Water Treatment; Digestion; Filtration; Ohio; Pulp and Paper Wastes; ...3.0267

DESIGN OF FACILITIES FOR ANIMAL WASTE DISPOSAL ...Biochemical Oxygen Demand; Effluents - Waste Water; Farm Animal Wastes; Pilot Plants; Puerto Rico; ...3.0306

DEMONSTRATION OF A NEW PROCESS FOR THE TREATMENT OF HIGH POLLUTANT CONCENTRATION TEXTILE AND FINISHING WASTES ...Aerobic Waste Water Treatment; Industrial Wastes; Oxidation; Rhode Island; Textile Industry; Waste Treatment Economics; Waste Water Treatment -general; ...3.0307

FARM WASTE DISPOSAL ...Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Farm Animal Wastes; Irrigation; Model Studies; Physical Models; Sewage Lagoons; Tennessee; ...3.0316

WINTER STORAGE OF DAIRY WASTES IN NORTHERN CLIMATES ...Bos; Cold Climates; Farm Animal Wastes; Feces; Noise -see Noise; Sewage Lagoons; ...3.0352

AEROBIC AND ANAEROBIC BIODEGRADATION OF DETERGENTS ...Aerobic Bacteria; Anaerobic Bacteria; Analysis and Detection; Chemical Oxygen Demand; Home Economics; Product Development Research; ...4.1106

Animal Behavioral Ecology

EFFECTS OF AUTO EXHAUST ON ROADSIDE MAMMAL POPULATIONS ...Air Pollution -see Specifics; Cricetidae -other; Environmental Physiology; Population Dynamics -general; ...1.0361

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects -see Water; Water Pollution Sources; Zinc; ...2.0280

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Atomic Plants; Contamination - Water; Ecological Effects; Environmental Ecology; Lakes; Population Dynamics - general; Thermal Pollution; ...2.0305

BEHAVIOR OF STREAM INSECTS ...Animal Habitat Studies; Animal Migration; Aquatic Ecology - Animal; Contamination - Water; Drought - Meteorologic; Environment Resistance-animals; Water Pollution Sources; ...2.0529

THE BEHAVIOR OF SMALLMOUTH BASS AS RELATED TO ARTIFICIAL COVER ...Acidity (water); Aquatic Ecology - Animal; Fish Food Supply -other; Mining Industry; Population Dynamics -general; Water Pollutant Identification; ...2.0762

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Aquatic Ecology - Animal; Bullheads; Ecological Effects; Environmental Physiology; Marine Animals; Osteichthyes -other; Population Dynamics -general; Temperature Stress; ...2.1498

EFFECTS OF CHEMICAL VARIATIONS IN AQUATIC ENVIRONMENTS ...Aluminum; Chemical Analysis (water); Colorado River; Data Acquisition; Lead; Oil Shale; Salinity (water); ...2.1512

BEHAVIOR PATTERN OF SHAD IN THE VICINITY OF A HEATED EFFLUENT DURING A NO-HEAT PERIOD ...Aquatic Ecology - Animal; Electric Power Plants; Tags; Temperature (water); ...2.1515

COHERENT AREA RESEARCH PROGRAM IN ECOLOGY ...Animal Succession; Eutrophication; Invertebrate Physiology; Poecilid; ...2.1518

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Life History Studies; Aquatic Ecology - Animal; Environmental Ecology; Insects - Beneficial; Lumbering -general; Ponds; Range Or Territorial Distr.; Temperature (water); ...2.1543

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Annelida; Atomic Plants; Embryology - basic; Estuaries; Invertebrate Physiology; Marine Animals; Population Dynamics -general; Temperature (water); ...2.1567

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Aquatic Ecology - Animal; Bays; Ecological Effects; Energy Conversion; Invertebrate Physiology; Long Island Sound; Mollusca; Population Dynamics -general; Temperature (water); Zooplankton; ...2.1638

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Atomic Plants, Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries; Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

TOXICITY OF SELECTED METALS TO CONDITIONED FISH ...Behavior -vertebrate; Environmental Ecology; Fish; Pesticide Action on Animals; Pollution Effects -see Water; ...2.1669

THERMAL ENRICHMENT STUDIES ...Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

THE AQUATIC ENVIRONMENT AND ELECTRICAL POWER GENERATION ...Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Great Lakes -see Specific Lake; Reactor Sites & Rad Waste; Temperature (water); ...2.1781

FISHERIES UNIT ...Aquatic Ecology - Animal; Catostomidae; Cladocera; Mark, Tag Or Capture -other; Pesticides -see Pesticide; Population Dynamics -general; ...4.0066

BEHAVIOR OF ESTUARINE ANIMALS ...Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

MAMMALS, FISHES AND BIRDS OF MONTANA ...Aciperseridae; Animal Interrelationships -gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammal -nonspecific; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

PHYSIOLOGICAL AND BEHAVIORAL EFFECTS OF INSECTICIDES ON CORMORANTS ...DDE; Fish; Pesticide Action on Animals; TDE; ...4.0844

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Biological Rhythms; Computer Methods -general; Food Supply; Forest Environment -general; Mark, Tag Or Capture; Pesticide Residue Analysis; Pesticides - nonspecific; Quail; ...4.1113

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Biological Rhythms; Motivation and Instinct; Odocoileus; Procyonidae; Rabbits; Range Or Territorial Distr.; Teal, Green-winged; Vertebrates Excl. Man; ...5.0413

EFFECTS OF RADIATION ON MIGRATORY ORIENTATION OF SALAMANDERS ...Amphibians; Animal Productivity; Ponds; Radiation Resistance -animals; ...5.0603

Animal Distribution

TAXONOMY AND PHYSIOLOGY OF PROTOZOA IN CAVE STREAMS AND POOLS ...Aquatic Ecology - Animal; Groundwater; Invertebrate Physiology; Optical Properties of Water; Pollution Effects -see Water; Taxonomy -animal; Water Pollution Sources; ...2.0600

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Captive Rearing; Clams; Contamination - Water; Environmental Ecology; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Pesticides - nonspecific; Spawn Or Nesting Sites; Temperature (water); ...2.1516

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Ecological Effects; Environment Resistance-animals; Heat Recovery, Industrial; Photosynthesis; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

DISTRIBUTION AND ECOLOGY OF RIVER MOLLUSKS IN CENTRAL AND WESTERN NORTH DAKOTA ...Atlantic Ocean; Chlorine; Mollusca; Paleontology; Pollution Effects -see Water; Water Pollution Effects; ...3.1667

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Data Reduction and Analysis; Environmental Ecology; Eutrophication; Lake Erie; Plankton; Spawning & Nest-

ing Sites; Stizostedion Vitreum Vitreum; Water Temperature Recorders; ...2.1672

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

BIOLOGICAL CONTROL OF HELIOTHIS ZEA ATTACKING COTTON ...Biological Control; Methyl Parathion; Pesticide Evaluation; Population Dynamics -general; ...4.0221

INTEGRATED CONTROL OF PEACH INSECT PESTS ...Arachnida; Biological Control; Guthion; Pesticide Evaluation; Population Dynamics -general; ...4.0546

BIOTELEMETRY AS A TOOL FOR PESTICIDE INVESTIGATIONS ...California; Mark, Tag Or Capture; Pesticide Safety Measures; Pheasant; ...4.0567

WILDLIFE VS. BIDRIN AND DIMETHOATE USE IN SEED ORCHARDS ...Bidrin; Birds; Dimethoate; Mammals; Pesticide Legal Aspects; Population Dynamics -general; ...4.0575

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics - general; Water Pollutants - Path of; ...4.0752

CONTROL OF URBAN AND INDUSTRIAL PESTS ...Dévp; Pesticide Evaluation; Pesticide Safety Measures; Urban Environment; ...4.0971

Range Or Territorial Distr.

EXTENT OF LAKE ONTARIO POLLUTION CAUSED BY THE OSWEGO RIVER ...Aquatic Ecology - Animal; Ecological Effects; Lakes; Marine Environments; Pollution Effects -see Water; Waste Dilution- Self Purifying; ...2.0272

MAYFLY DISTRIBUTION AS A WATER QUALITY INDEX ...Animal Habitat Studies; Animal Productivity; Environmental Ecology; Mississippi River; Turbidity (water); Water Quality - general; ...2.0648

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED, WALWORTH ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Algae -nonspecific; Chemical Water Properties; Fish; Najadaceae; Physical Water Properties; Water Pollutant Identification; Watersheds; ...2.0868

ECOLOGY OF COLORADO MOLLUSKS ...Chemical Measurements (water); Colorado; Contamination - Water; Environmental Ecology; Invertebrate Physiology; Mollusca; ...2.1504

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Environmental Ecology; Insects - Beneficial; Lumbering -general; Ponds; Temperature (water); ...2.1543

THE DISTRIBUTION AND DENSITY OF MACROBENTHOS IN LAKE ARLINGTON, TEXAS ...Animal Succession; Arthropods; Ecological Effects; Lakes; Texas; ...2.1724

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL, B) CHEMICAL AND GEOLOGICAL, AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Recreation; Water Resources; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

BIOLOGY OF THE EASTERN CHIPMUNK, TAMIAS STRIATUS ...Animal Productivity; Elevation Levels, Altitude; Population Dynamics -general; Sciuridae; Vertebrates Excl. Man; ...3.0375

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Animal Behavioral Ecology; Biological Rhythms; Motivation and Instinct; Odocoileus; Procyonidae; Rabbits; Teal, Green-winged; Vertebrates Excl. Man; ...3.0413

Temporal Distribution

THE EFFECTIVENESS OF WATERFOWL IN CARRYING PATHOGENIC MICRO-ORGANISMS ...Animal Migration; Pathology; Sewage Bacteria; Waterfowl -nonspecific; ...2.0396

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal; Chemical Water Properties; Estuaries; Georgia; Invertebrates -nonspecific; Physical Water Properties; Pulp and Paper Wastes; Turbidity (water); ...2.1537

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

ECOLOGICAL RESPONSES OF FISHES AND FISH-FOOD ORGANISMS TO HEATED EFFLUENT - CASE STUDY OF LAKE MONONA, WISCONSIN ...Animal Predation; Electric Power Plants; Environmental Ecology; Lepisosteidae; Temperature (water); Thermal Pollution; ...2.1780

SOLID WASTE DISPOSAL AND BIRD HAZARD TO AIRCRAFT ...Aviation Safety; Charadriiformes; Landfills -see Water Pollution; Passeriformes; Spawn Or Nesting Sites; ...3.0070

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates; Dieldrin; Disulfoton; Granules, Capsules; Meta - Systox; Ornamentals; Pesticide Action on Plants; Pesticide Interaction With Env; ...4.0289

EFFECTS OF SAGEBRUSH CONTROL ON DISTRIBUTION AND ABUNDANCE OF SAGE GROUSE ...Birds; D, 2,4-; Grouse; ...4.0574

EFFECTS OF HERBICIDES ON USE OF SAGEBRUSH LANDS BY WILDLIFE ...Animal Habitat Studies; Artemisia; Birds; Cervus; Deer -nonspecific; Food Supply; Grouse; Herbicides -nonspecific; Mammals; Pesticide Action on Animals; Plant Succession; Wildlife -nonspecific; ...4.0580

Vertical Distribution

SEDIMENT MINERALOGY ...Adsorption Capacity; Animal Productivity; Contamination - Water; Environmental Ecology; Marine Biology - General; Mineralogy; Ponds; Zinc; ...2.0284

POPULATION STUDIES OF MARINE AMPHIPOD CRUSTACEANS ...Amphipoda; Aquatic Ecology - Animal; Estuaries; Marine Animals; ...2.0669

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water); Animal Productivity; Chemical Water Properties; Ohio; Physical Water Properties; River Basins; Systems Analysis - Water Mgmt; Taxonomy -plant; Water Pollutant Identification; ...2.0722

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Aquatic Ecology - Animal; Eutrophic Lakes; Eutrophication; Ohio; Plant Habitat Studies; Reservoirs and Impoundments; Survey Studies (water); ...2.0729

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish; Marine Animals; Marine Environments; Marine Photography-Television; Ocean Circulation -general; Ocean Currents; Pacific Ocean; Radioactivity; ...2.0972

REVERSAL OF EUTROPHICATION THROUGH ARTIFICIAL AERATION OF LAKES ...Aeration (water); Benthic Fauna; Eutrophic Lakes; Michigan; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; ...2.1045

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Aquatic Plants -nonspecific; Fish; Fishing; Pollution Effects -see Water; Recreation; Water Resources; Spawn Or Nesting Sites; Water Pollution Effects; ...2.1471

ABUNDANCE AND COMPOSITION OF DEEP AND SHALLOW WATER MACROPLANKTON AND LITTORAL FISH POPULATIONS IN AND ABOUT THE SANTA BARBARA CHANNEL ...Animal Habitat Studies; Biological Effects; Channels; Hippolyte; Osteichthyes -other; Plankton Sampling; Scorpaenidae; ...2.1501

THE BIOLOGY OF THE INFAUNA OF A TROPICAL SOFT BOTTOM AREA ...Annelida; Bays; Echinodermata; Estuaries; Marine Environments; Tropical Regions; ...2.1530

THE BIOLOGY OF TROPICAL BOTTOM INVERTEBRATES ...Cirripedia, Echinodermata, Environmental Ecology, Marine Pollution, Tropical Regions; ...2.1531

EFFECTS OF SILTATION AND COARSER SEDIMENTS ON DISTRIBUTION AND ABUNDANCE OF STREAM-INHABITING INSECTS ...Aquatic Ecology - Animal, Deposition-general, Environment Resistance-animals, Sediments, Silting (water) -see Sediment, Size, Turbidity (water); ...2.1542

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - FISH DISTRIBUTION ...Aquatic Ecology - Animal, Ecological Effects, Environmental Ecology, Industrial Wastes; ...2.1559

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - BENTHOS DISTRIBUTION ...Benthic Organisms -nonspecific, Bottom Sampling, Contamination - Water, Ecological Effects, Effluents - Waste Water, Industrial Wastes, Tennessee River; ...2.1562

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources, Aquatic Ecology - Animal, Benthic Fauna, Contamination - Water, Environmental Geology, Estuaries, Hydrography, Maine, Marine Environments, Marine Pollution, Water Pollution Sources; ...2.1569

SOME EFFECTS OF THE RECENT INTRODUCTION OF HARD WATER INTO THE WATER SUPPLY RESERVOIR OF CARVIN COVE, VIRGINIA ...Animal Productivity, Benthic Fauna, Environmental Ecology, Mineralogical Water Properties, Physical Water Properties, Water Pollution Effects; ...2.1747

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna, Contamination - Water, Marine Animals, Marine Biology - General, Marine Environments, Marine Geology, Marine Pollution, Oil, Pacific Ocean, Sea Water Mass & Ocean Fronts, Ships and Cruises; ...2.1794

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal, Economic Impact, Estuaries, Forecasting - Prediction, Mathematical Analysis, Molluscs, Plankton Sampling, River Basins, Spawn Or Nesting Sites, Systems Analysis - Water Mgmt, Water Properties -general, Water Transfer; ...2.1870

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal, Chemical Measurements (water), Dams -general, Environmental Ecology, Fishes, Physical Water Properties, Population Dynamics -general, Recreation, Water Resources, Survey Studies (water), Water Resources Protection; ...2.0013

STUDIES ON THE ECOLOGICAL PHYSIOLOGY OF MID-WATER CRUSTACEANS ...Carbon, Crustacea, Invertebrate Physiology, Nitrogen and Nitrogen Cpds., Pesticides -nonspecific; ...4.0570

MACRO-NEKTON INVESTIGATIONS OFF THE COLUMBIA RIVER MOUTH ...Aquatic Ecology - Animal, Engraulidae, Gadidae, Osmeridae, Reactor Sites & Rad Waste; ...5.0086

Animal Habitat Studies

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Fire Control, Fire Prevention, Fire Research -see Forest Fire, Forest Fires -see Fire, Forest Recreation, Handbooks, Loss Damages - Recreation, Pseudotsuga, Safety - Recreation, Wildlife -nonspecific; ...1.0071

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska, Benthic Fauna, Ecological Effects, Erosion, Forest Debris, Forest Watersheds, Lumbering -general, Population Dynamics -general, Productivity of Freshwater, Roads & Highways -see Highways, Sediment Yield, Soil Moisture, Temperature (water), Tundra, Water Yield; ...2.0013

RADIONUCLIDE METABOLISM IN AQUATIC ANIMALS ...Clams, Crayfish, Invertebrate Physiology, Marine Animals, Radiation Effects - Biological, Radioisotopes -nonspecific, Temperature (water); ...2.0036

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Energy Budgets, Evapotranspiration, Lakes, Management (water), Plant Habitat Studies, Population Dynamics - general, Soil Moisture, Urban Environment, Water Balance - Budget; ...2.0168

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Aquatic Ecology - Animal, Bothidae, Contamination - Water, Energy Conversion, Environmental Physiology, Marine Animals, Pollution Effects -see Water, Radioactivity, Sciaenidae, Spawn Or Nesting Sites; ...2.0279

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology, Animal Productivity, Atomic Plants, Commercial Fishing, Cooperative Studies, Ecological Effects, Energy Conversion, Fish Food Supply -other, Iodine, Iron, Marine Biology - General, Ostreidae (oyster), Pollution Effects - see Water, Water Pollution Sources, Zinc; ...2.0280

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Productivity, Calcium, Forest Debris, Nutrients, Periphyton, Plant Freshwater Ecology, Plant Population Dynamics -gen, Rain, Water Pollutants - Path of, Water Resources Planning; ...2.0374

EVALUATION OF ENGINEERING PROJECTS AND ESTUARINE DATA (ESTUARINE PROGRAM) ...Construction Sites, Fish, Gulf of Mexico, Water Quality Control -general; ...2.0383

ECOLOGY OF WESTERN GULF ESTUARIES ...Animal Productivity, Dredging, Estuaries, Management (water), Marine Biology - General, Physical Effects; ...2.0384

ACID MINE POLLUTION ...Acid Mine Drainage, Biological Water Properties, Catostomidae, Mining Industry, Physical Water Properties, Rehabilitation -streams -lakes, Sediments, Strip Mines, Water Pollution Abatement; ...2.0409

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska, Animal Productivity, Aquatic Plants -nonspecific, Glaciology, Mineralogical Water Properties, Nutrients, Plant Productivity -general, Sub - Polar Regions, Wild Rivers; ...2.0472

ENVIRONMENTAL BIOLOGY OF TOMALES BAY ...Bays, Chemical Water Properties, Environment Resistance-animals, Man's Pollutional Activities, Marine Environments, Water Standards & Baselines; ...2.0489

INSHORE FISHERIES HABITAT EVALUATION AND MONITORING ...Ecological Effects, Fishing, Man's Pollutional Activities, Marine Plants, Scuba, Types of Resources; ...2.0491

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo., Aquatic Plants -nonspecific, Biological Water Properties, California, General Information Services, Management (water), Plant Distribution, Swamps - Marshes, Water Pollution Sources, Water Properties -general, Waterfowl -nonspecific, Wildlife Habitat Management; ...2.0495

BEHAVIOR OF STREAM INSECTS ...Animal Behavioral Ecology, Animal Migration, Aquatic Ecology - Animal, Contamination - Water, Drought - Meteorologic, Environment Resistance-animals, Water Pollution Sources; ...2.0529

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific, Aquatic Ecology - Animal, Brazil, Florida, Marine Plants, Plant Distribution, Plant Population Dynamics -gen, Protozoa, Taxonomy -plant, Water Quality - general; ...2.0542

ST. JOHNS RIVER FISHERY PROJECT ...Contamination - Water, Environmental Ecology, Fish and Shellfish, Man's Pollutional Activities, Pollution Effects -see Water, ...2.0543

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific, Animal Productivity, Aquatic Fungi -nonspecific, Ecological Effects, Estuaries, Florida, Industrial Wastes, Marine Animals, Nematoda, Plant Ecology - nonspecific, Plant Food Chains, Pollution Effects -see Water, Rhizophoraceae, Thermal Pollution, Urban Research -general, Water Standards & Baselines; ...2.0547

MAYFLY DISTRIBUTION AS A WATER QUALITY INDEX ...Animal Productivity, Environmental Ecology, Mississippi River, Range Or Territorial Distr., Turbidity (water), Water Quality - general; ...2.0648

TESTACEA (PROTOZOA - SARCODINA) AS INDICATORS OF WATER QUALITY IN WESTERN MONTANA ...Bottom Sampling, Periphyton, Protozoa, Water Quality -general; ...2.0662

POPULATION STUDIES OF MARINE AMPHIPOD CRUSTACEANS ...Amphipoda, Aquatic Ecology - Animal, Estuaries, Marine Animals, Vertical Distribution; ...2.0669

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Boat Discharges, Forecasting - Prediction, Mathematical Models, New York, Swamps - Marshes, Water Bacteria, Waterfowl -nonspecific; ...2.0693

BIOLOGICAL MONITORING ...Contamination - Water, Industrial Wastes, Pollution Effects -see Water, Pulp and Paper Wastes, Water Pollutant Identification; ...3.0711

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific, Aquatic Ecology - Animal, Eutrophic Lakes, Eutrophication, Ohio, Plant Habitat Studies, Reservoirs and Impoundments, Survey Studies (water), Vertical Distribution; ...2.0729

STUDY OF ASSIMILATIVE CAPACITY OF ARCTIC AND SUB-ARCTIC STREAMS ...Degradation -see Pesticide Deg; Optical Properties of Water; Plant Habitat Studies; Sub - Polar Regions; Water Pollution Effects, ...2.0959

NEUTRALIZATION EXPERIMENTS ...Acidity (water); Aquatic Ecology - Animal; Fish; Lime Treatment; New Jersey; Recreation, Water Resources, ...3.1060

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways, Slope; Soil Moisture; Water Storage; ...2.1488

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Bottom Sampling; Core Analysis; Fish and Shellfish; Lumbering -general; Pulp and Paper Wastes; Sedimentation; Temperature (water); Water Pollution Effects; ...2.1496

EFFECTS OF ALTERNATE BLOCK CUTTING ON STREAMBED SEDIMENTATION & WATER TEMPERATURES IN BUMMER LAKE CREEK, DEL NORTE COUNTY, CALIFORNIA ...California; Fish and Shellfish; Forest Watersheds; Lumbering - general; Salmonidae; Temperature (water); ...2.1497

ABUNDANCE AND COMPOSITION OF DEEP AND SHALLOW WATER MACROPLANKTON AND LITTORAL FISH POPULATIONS IN AND ABOUT THE SANTA BARBARA CHANNEL ...Biological Effects; Channels; Hippolyte; Osteichthyes - other; Plankton Sampling; Scorpaenidae; ...2.1501

WATER TEMPERATURE AS A QUALITY FACTOR IN THE USE OF STREAMS AND RESERVOIRS ...Dispersion (water); Meteorological Studies; Temperature (water); Thermal Pollution; Water Pollution Sources; ...2.1514

COHERENT AREA RESEARCH PROGRAM IN ECOLOGY ...Animal Behavioral Ecology; Animal Succession; Eutrophication; Invertebrate Physiology; Poecilid; ...2.1518

BENTHIC COMMUNITIES ...Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

INVESTIGATION OF THE EFFECTS OF COMMERCIAL HYDRAULIC CLAM DREDGING ON VARIOUS BOTTOM HABITATS OF SELECTED ESTUARINE AREAS ...Benthic Organisms -nonspecific; Clams; Environmental Ecology; Mans Pollutional Activities; Sediments; ...2.1533

IMPLEMENTATION OF HABITAT ALTERATIONS ...Amphibious Plants; Animal Succession; Depth (water); Environmental Ecology; Lakes; Population Dynamics -general; Water Depth; Water Levels; ...2.1534

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Environmental Ecology; Insects - Beneficial; Lumbering -general; Ponds; Range Or Territorial Distr.; Temperature (water); ...2.1543

EFFECTS OF POLLUTION, ESPECIALLY FROM FEEDLOTS, ON FISHES IN THE UPPER NEOSHO RIVER BASIN ...Aquatic Ecology - Animal; Fish; Kansas; Pollution Effects -see Water; River Basins; ...2.1557

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Iodine; Mn-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

SECONDARY PRODUCTION IN RUNNING-WATER ECOSYSTEMS ...Animal Productivity; Bottom Sampling; Ecological Effects; Management (water); Plant Productivity -general; ...2.1601

POLLUTED WATERS ...Aquatic Ecology - Animal; Contamination - Water; Fish; Missouri; Water Pollution Effects; Water Quality - general; ...2.1624

POLLUTION INVESTIGATIONS ...Aquatic Ecology - Animal; Bioassays; Contamination - Water; Environmental Physiology; Fish; Law Enforcement; Water Pollution Sources; ...2.1625

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

ENVIRONMENTAL EFFECTS OF COASTAL ZONE POWER GENERATION ...Consultants, Advisory Services; Energy Conversion; Environmental Ecology; Federal Government; North Carolina; Power Development; ...3.1666

SUBLETHAL INFLUENCE OF POLLUTANTS ON FISH METABOLISM ...Aquatic Ecology - Animal; Energy Budgets; Fresh Water; Population Dynamics -general; ...2.1673

ECOLOGICAL STUDIES OF AN EXPERIMENTAL STREAM ...Energy Budgets; Environmental Ecology; Plant Freshwater Ecology; Pollution Effects -see Water; ...2.1686

AN EXPANDED PROGRAM OF RESEARCH IN FRESHWATER ECOLOGY ...Aquatic Ecology - Animal; Energy Budgets; Environment Resistance-animals; Fresh Water; Pollution Effects -see Water, Water Pollution Sources; ...2.1689

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF JONES BAY ...Bays; Construction Industry; Physical Water Properties; Texas; ...2.1726

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF MOSES LAKE ...Censusing; Data Reduction and Analysis; Lakes; Pre-impoundment Sites; Sediments; Texas; ...2.1727

ANALYSIS OF LAND USE PATTERNS - DOCTORAL DISSERTATION RESEARCH ...Georgia; Land Use; Land Use, Modification Effects; ...2.1817

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries; General Recreation Studies; Long Island Sound; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Resources Planning; ...2.1880

MACRO-FAUNA IN WASTE STABILIZATION LAGOONS ...Aquatic Ecology - Animal; Organic Matter; Sewage Lagoons; Waste Water Degradation; ...3.0283

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Azodrin; Biological Control; Chlorobenzilate; Chlorphenamidine; Economic Losses (or Benefits); Medicago; Pesticide Application Rates; Pesticide Evaluation; Toxaphene; ...4.0010

FISHERIES UNIT ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Catostomidae; Cladocera; Mark, Tag Or Capture -other; Pesticides -see Pesticide; Population Dynamics -general; ...4.0066

WILDLIFE VS. BIDRIN AND DIMETHOATE USE IN SEED ORCHARDS ...Animal Distribution; Bidrin; Birds; Dimethoate; Mammals; Pesticide Legal Aspects; Population Dynamics - general; ...4.0575

EFFECTS OF HERBICIDES ON USE OF SAGEBRUSH LANDS BY WILDLIFE ...Artemisia; Birds; Cervus; Deer -nonspecific; Food Supply; Grouse; Herbicides -nonspecific; Mammals; Pesticide Action on Animals; Plant Succession; Wildlife -nonspecific; ...4.0580

EXPERIMENTAL ENVIRONMENTS ...Estuaries; Marine Animals; Pesticide Toxicity in Animals; Protozoa; ...4.0590

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Aquatic Ecology - Animal; Bioassays; Contamination - Water; Estuaries; Laboratory Animals; Parathion; Physiological Effects; Spawn Or Nesting Sites; ...4.0653

BIOLOGICAL AND INTEGRATED CONTROL OF COTTON INSECTS ...Biological Control; Gossypium; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; ...4.0690

DEGRADATION AND PERSISTENCE OF ALDRIN ...Aldrin; Dieldrin; Pesticide in Food Chains; Pesticide Residues, ...4.0746

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

EFFECTS OF CHEMICAL SAGEBRUSH CONTROL ON MULE DEER IN THE MISSOURI RIVER BREAKS, MONTANA ...Artemisia; Ground Census; Mammals; Odocoileus; Telemetry; Wildlife Habitat Management, ...4.0749

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Computer Methods -general; Food Supply; Forest Environment -general; Mark, Tag Or Capture; Pesticide Residue Analysis; Pesticides -nonspecific; Quail, ...4.1113

AN EVALUATION OF THE FACTORS INVOLVED IN BIOACCUMULATION OF GAMMA EMITTING RADIONUCLIDES IN WILD DEER ...Animal Productivity; Canidae; Cesium; Cricetidae -other; Odocoileus; Passeriformes; X and Gamma Rays, ...5.0257

DISEASE OF WILD SMALL MAMMAL POPULATIONS ON RADIOECOLOGY STUDY AREAS ...Air Pollution -see Specifics; Cricetidae -other; Pathology; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Soricidae, ...5.0634

Animal Interrelationships -gen

SEDIMENT MINERALOGY ...Adsorption Capacity; Animal Productivity; Contamination - Water; Environmental Ecology; Marine Biology - General; Mineralogy; Ponds; Vertical Distribution; Zinc, ...2.0284

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography; Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc, ...2.0320

ECOLOGY OF WESTERN GULF ESTUARIES ...Animal Habitat Studies; Animal Productivity; Dredging; Estuaries; Management (water); Marine Biology - General; Physical Effects, ...2.0384

STUDIES ON THE INTERACTIONS OF BACTERIA AND NEMATODES ...Aquatic Ecology - Animal; Bacterial Pollutant Sources; Invertebrate Physiology; Plant Freshwater Ecology, ...2.0461

VIBRIO PARAHAEMOLYTICUS IN CHESAPEAKE BAY - ISOLATION, INCIDENCE AND PATHOGENICITY ...Bacterial Pollutant Sources; Chesapeake Bay; Estuaries; Muridae; Swamps - Marshes, ...2.0533

LAKE SUPERIOR PERIPHYTON IN RELATION TO WATER QUALITY ...Balance of Nature - Plants; Contamination - Water; Fertilizers; Nutrients; Plankton, ...2.0644

MAYFLY DISTRIBUTION AS A WATER QUALITY INDEX ...Animal Habitat Studies; Animal Productivity; Environmental Ecology; Mississippi River; Range Or Territorial Distr.; Turbidity (water); Water Quality -general, ...3.0648

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Biological Effects; Centrarchidae; Cyprinidae; Deltas; Flood Control Planning; Osteichthyes -other; Turbidity (water), ...3.1484

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution -see Specifics; Computer Methods -general; Energy Budgets; Metabolism and Biochemistry; Plant Competition; Plant Physiological Ecology; Plant Response to Env. -ns; Temperature - Internal; Water Utilization -plant, ...2.1629

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries; Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements, ...2.1652

MARINE FISHERIES - ESTUARINE ALGAL COMMUNITIES ...Commercial Fishing; Estuaries; Marine Plants; Plant Productivity -general; Salinity (water); Training Grants; Fellowships; Water Standards & Baselines, ...2.1682

AN EXPANDED PROGRAM OF RESEARCH IN FRESHWATER ECOLOGY ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Environment Resistance-animals; Fresh Water; Pollution Effects -see Water; Water Pollution Sources, ...2.1689

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Copepoda; Environmental Ecology; Fish; Marine Animals; Mollusca; Population Dynamics -general; Salinity (water); Thermal Properties, ...2.1693

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Clams; Environment Resistance-animals; Hippolyte; Marine Animals; Marine Pollution; Temperature (water), ...2.1694

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of, ...2.1765

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt, ...5.0261

RESPONSES OF ANIMALS TO IONIZING RADIATION ...Amphibians; Fish; Invertebrates; Radiation Effects - Man; X and Gamma Rays, ...5.0640

Animal Life History Studies

THE CHIRONOMIDAE OF CALIFORNIA ...Aquatic Ecology - Animal; California; Contamination - Water; Handbooks; Public Health Ecology; Taxonomy -animal, ...1.0376

AIR POLLUTION EFFECTS ...Hamamelidaceae; Oleaceae; Pinus Nigra; Pinus Virginiana; Plant Response to Env. -ns; Quercus, ...1.0419

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity to Animals; Pollution Effects -see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects, ...3.0139

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning, ...3.0374

BENTHONIC INVERTEBRATES AS AN INDEX OF WATER QUALITY ...Bioassays; Environmental Ecology; Invertebrates - nonspecific; Water Pollutant Identification, ...3.0643

USE OF MARINE PLANKTONIC ORGANISMS FOR EVALUATING THE QUALITY OF MARINE AND ESTUARINE WATERS ...Bioassays; Estuaries; Phytoplankton; Water Pollutant Identification; Water Quality -general, ...3.0790

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Bays; Contamination - Water; Engineering Structures-general; Estuaries; Fish and Shellfish; Physiological Effects; Water Quality -general, ...3.0846

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general, ...3.1129

THE EFFECTS OF THERMAL LOADING ON THE HAWAIIAN MARINE BIOTA ...Ecological Effects; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Temperature; Thermal Pollution, ...3.1539

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Environmental Ecology; Insects - Beneficial; Lumbering -general; Ponds; Range Or Territorial Distr.; Temperature (water), ...3.1543

SECONDARY PRODUCTION IN RUNNING-WATER ECOSYSTEMS ...Animal Habitat Studies; Animal Productivity; Bottom Sampling; Ecological Effects; Management (water); Plant Productivity -general, ...3.1601

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines, ...3.1603

EFFECT OF WATER POLLUTANTS AND WATER QUALITY ON EARLY LIFE HISTORY AND POPULATION DYNAMICS OF MINNESOTA FISHES ...Contamination - Water, Fish Food Organisms, Minnesota, Pollution Effects -see Water, Pulp and Paper Wastes, Temperature (water), ...2.1686

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology, Aquatic Ecology - Animal, Contamination - Water, Energy Budgets, Estuaries, Marine Animals, Marine Environments, Marine Pollution, Organic Water Properties, Space Requirements, ...2.1652

PARASITES OF FRESH-WATER FISHES IN NORTH CAROLINA ...Annelida, Copepoda, Lakes, Nets, Ponds, Temperature (water), ...2.1663

FISH OPERCULAR RESPONSE TO ENVIRONMENTAL VARIABLES ...Aquatic Ecology - Animal, Carassius Auratus, Environmental Physiology, Minnows, Temperature (water), Water Quality -general, ...2.1668

TOXICITY OF SELECTED METALS TO CONDITIONED FISH ...Animal Behavioral Ecology, Behavior -vertebrate, Environmental Ecology, Fish, Pesticide Action on Animals, Pollution Effects -see Water, ...2.1669

EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON ...Algal Physiology, Bioassays, Cellular Physiology- Env. Eff., Contamination - Water, Estuaries, Petroleum Wastes - Spillage, Phytoplankton, Zooplankton, ...2.1703

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Atomic Plants, Effluents - Waste Water, Environmental Physiology, Invertebrate Physiology, Nuclear Reactors, Reactor Sites & Rad. Waste, Thermal Pollution, Water Standards & Baselines, ...2.1708

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Chemical Industry, Commercial Fishing, Electric Power Plants, Environmental Ecology, Estuaries, Forecasting - Prediction, Marine Animals, Pulp and Paper Wastes, Temperature (water), Water Properties general, ...2.1763

PHYSIOLOGICAL EVALUATION OF TREATED TOXIC WASTES ...Industrial Wastes, Physiological Effects, Pollution Effects -see Water, Pulp and Paper Wastes, Salmo Gairdneri, Water Pollutant Identification, ...3.0037

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies, Azodrin, Biological Control, Chlorobenzilate, Chlorphenamidine, Economic Losses (or Benefits), Medicago, Pesticide Application Rates, Pesticide Evaluation, Toxaphene, ...4.0010

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein, Algae - Chlorophyta, Canals, Copper Sulfate, Diquat, Farm Pond, Igran, Molluscicides -nonspecific, Pesticide Action on Plants, Pesticide Aquatic Cycling, Pesticide Residues, Plant Phenology, Southwest U. S., Tenoran, ...4.0013

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin, Carbamates -nonspecific, Chlorinated Hydrocarbons, Dieldrin, Environment Accumulation Rates, Handling & Application, Loam -see Soil Types, Pesticide Application Rates, Pesticide Movement in Soils, Sandy Soils -see Soil Type, ...4.0131

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID sPECIES IN NURSERY INDUSTRY ...Agrotox, Baygon, Chlordan, Dieldrin, Pesticide Application Rates, Pesticide Formulation, Pesticide Residues, Plant Phenology, ...4.0150

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Biological Control, Diazinon, Granules, Capsules, Lactuca, Liquids Or Sprays, Parathion, Pesticide Evaluation, Pesticide Residues, Thimet, Zea Mays - Sweet Corn, ...4.0213

BIOLOGICAL CONTROL OF HELIOTHIS ZEA ATTACKING COTTON ...Animal Distribution, Biological Control, Methyl Parathion, Pesticide Evaluation, Population Dynamics -general, ...4.0221

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates, Dieldrin, Disulfoton, Granules, Capsules, Meta - Systox, Ornamentals, Pesticide Action on Plants, Pesticide Interaction With Env., Temporal Distribution, ...4.0289

THE RELATIONSHIP OF INSECTS TO THE LEAFROLL VIRUS DISEASE OF POTATO ...Aliphatic Carbamates, Biological Control, Granules, Capsules, Pesticide Application Rates, Pesticide Phytotoxicity -vegetables, ...4.0 00

INSECTS AFFECTI... THE APPLE ...Biological Control, Guthion, Insect Chemoreceptants -ne..., Monitor, Pesticide Evaluation, Pesticide Phytotoxicity, Torak, ...4.0334

CHEMICAL CONTROL OF ORCHARD INSECTS ...Acaricides - nonspecific, Arachnida, Dusts, Liquids Or Sprays, Pesticide Evaluation, Pesticide Phytotoxicity, ...4.0343

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific, Arachnida, Concentrates, Lead Arsenate, Osthioquinox, Pesticide Evaluation, Pesticide Residues, Petroleum Cpds. -nonspecific, Phaseol, Population Dynamics - general, Torak, ...4.0347

INVESTIGATIONS OF ALFALFA INSECTS, THEIR BIOLOGY AND CONTROL ...Foradan, Pesticide Evaluation, Pesticide Residues in Foods, Supracide, ...4.0353

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates, Azodrin, Biological Control, Chlorphenamidine, Gardona, Methomyl, Parathion, Pesticide Evaluation, Pesticide Residue Analysis, Phaseol, Thuricide, Zea Mays - Field Corn, ...4.0399

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Arthropods, Ethion, Organophosphorous Cpds., Pesticide Evaluation, Pesticide Residues, Population Dynamics -general, Trithion, ...4.0403

SEASONAL OCCURRENCE AND CONTROL OF THE CORN EARWORM IN THE VALLEY ...Economics of Chemical Control, Heliothis Zea, Pesticide Evaluation, Pesticide Phytotoxicity, Population Dynamics -general, Vegetables, ...4.0406

CURRANT STEM GIRDLER AND CURRANT BORER ...Biological Control, Economic Losses (or Benefits), Insecticides -nonspecific, Pesticide Evaluation, Pesticide Residues, Population Dynamics -general, Sundragoccus, ...4.0416

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...C 9491, Guthion, Pesticide Application Rates, Pesticide Legal Aspects, Pesticide Residues, Population Dynamics -general, Solvents Or Carriers, Supracide, ...4.0417

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...DDT, Economic Losses (or Benefits), Foradan, Malathion, Oleaceae, Pesticide Phytotoxicity, Population Dynamics -general, Thimet, ...4.0433

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarid, Arachnida, Formetanate, Guthion, Imidan, Nemacur P, Pesticide Phytotoxicity, Pesticides Compatibility, Phosdrin, Thiodan, ...4.0442

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Cultural Control, Foradan, Liquids Or Sprays, Malathion, Pesticide Application Rates, Pesticide Phytotoxicity, Phosalone, Prunus Domestica, Residues in Foods, ...4.0455

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF NUT CROPS ...Arachnida, C-2907, Guthion, Pesticide Evaluation, Pistcan, ...4.0456

DEVELOPMENT OF THE EASTERN SPRUCE GALL APHID AND ITS CONTROL ...Lindane, Liquids Or Sprays, Pesticide Application Rates, Pesticide Phytotoxicity, Picea, ...4.0463

BIOLOGY AND CONTROL OF INSECTS IN DECIDUOUS FORESTS AND CHRISTMAS TREE PLANTATIONS ...Acer Species, Aliphatic Carbamates, Dieldrin, Liquids Or Sprays, Pesticide Evaluation, Thiodan, ...4.0464

BIOLOGY AND CONTROL OF ARTHROPODS ON APPLES ...Acaricides -nonspecific, Biological Control, Chlorphenamidine, Monitor, Pesticide Evaluation, Phosdrin, ...4.0475

BIONOMICS OF THE CEREAL LEAF BEETLE ...Insecticides - nonspecific, Michigan, Pesticide Evaluation, Pesticide Phytotoxicity, Phalarideae, Soil Moisture, ...4.0514

BIOLOGICAL CONTROL OF COTTON INSECTS ...Biological Control, Economic Losses (or Benefits), Insecticides -nonspecific, Pest Control Measures- Viruses - Animal, ...4.0552

IDENTIFICATION BIOLOGY AND CONTROL OF INSECTS ATTACKING SWEET CORN ...Biological Control, Gardona, Methomyl, Parathion, Pesticide Evaluation, Pesticide Phytotoxicity, Zea Mays - Field Corn, ...4.0585

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE NEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies, Aquatic Ecology - Animal, Bioassays, Contamination - Water, Estuaries, Laboratory Animals, Parathion, Physiological Effects, Spawn Or Nesting Sites, ...4.0653

BIOLOGY AND CONTROL OF THE HELIOTHIS COMPLEX ON COTTON ...Aliphatic Carbamates, Animal Resistance, Biological Control, DDT, Population Dynamics -general, Toxaphene, ...4.0688

MAMMALS, FISHES AND BIRDS OF MONTANA ...Aspenseridae, Animal Behavioral Ecology, Animal Interrelationships - gen., Aquatic Ecology - Animal, Canada Goose, Cooperative Studies, Fish & Shellfish Biology, Grouse, Mammals -nonspecific, Management -other, Population Dynamics -general, Salmo Clarki, ...4.0748

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Biological Control; Guthion; Medicago; Nemacur P; Pesticide Application Rates; Pesticide Residues; Phosvel; Sevin; ...4.0759

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates; Arachnida; Biological Control; Chlorinated Hydrocarbons; Dimethoate; Meta - Systox; Pesticide Evaluation; Sevin; ...4.0809

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS IN THE MID-COLUMBIA AREA ...Arachnida; Biological Control; Imidan; Omite; Pesticide Evaluation; ...4.0829

PARASITES OF POULTRY, BIOLOGY, DISTRIBUTION AND CONTROL ...Aerosols - Smokes, Fogs, Steam; Arachnida; Chloropropylate; Neo-pynamin; Pesticide Evaluation; ...4.0841

BIOLOGY AND CONTROL OF ARTHROPODS ON SOYBEANS ...Aliphatic Carbamates; Arachnida; Biological Control; Insect Resistance; Methomyl; Pesticide Evaluation; Population Dynamics - general; ...4.0863

BIOLOGY AND CONTROL OF THE ALFALFA WEEVIL ...Ethyl Parathion; Guthion; Insects - Beneficial; Pesticide Evaluation; Sevithion; ...4.0880

EFFECT OF PESTICIDE RESIDUES ON GAME FISH POPULATIONS ...Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Population Dynamics -general; ...4.0893

BIOLOGY, ECOLOGY AND CONTROL OF INSECT AND MITE PESTS OF APPLE ...Acaricides -non-specific; Arachnida; Biological Control; Gardona; Insects - Beneficial; Phosalone; Torak; ...4.0896

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agrinex; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Benthic Organisms -nonspecific; Biological Effects; Centrarchidae; Diquat; Fish Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Furadan; Pesticide Evaluation; Population Dynamics -general; Sevin; ...4.1030

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Bacillus Thuringiensis; Brassica Species; Chemical Analysis; Gas Chromatography; Pesticide Evaluation; Pesticide Residues; Soil Contamination -other; Thimet; ...4.1132

STUDY OF THRIPS TABACI, ITS BIOLOGY AND ECOLOGY, A VIRUS VECTOR ON TOBACCO ...Insect Resistance; Nicotiana; Pesticide Residue Analysis; Phenols; Population Dynamics - general; ...4.1134

Animal Migration

THE EFFECTIVENESS OF WATERFOWL IN CARRYING PATHOGENIC MICRO-ORGANISMS ...Pathology; Sewage Bacteria; Temporal Distribution; Waterfowl -nonspecific; ...2.0396

DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN AND BEHAVIOR OF TRACE ELEMENTS IN THE OCEAN AND ORGANISMS (ABBREV) ...Marine Animals; Radioactive Fallout-of Fallout; Scombridae; Silver; ...2.0504

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ...Aircraft Remote Sensing; Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Infrared Radiation; Mapping; Surveys; Studies (water); Temperature (water); Thermal Pollution; ...2.0524

BEHAVIOR OF STREAM INSECTS ...Animal Behavioral Ecology; Animal Habitat Studies; Aquatic Ecology - Animal; Contamination - Water; Drought - Meteorology; Environment Resistance-animals; Water Pollution Sources; ...2.0529

METHODS IN SPECTROGRAPHIC ANALYSIS OF SOILS & PLANTS FOR MINOR ELEMENTS ...Atomic Absorption; Drainage; Emission Spectroscopy; Fluorometry; Soil Analysis; X-ray Spectroscopy; ...2.0580

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

BEHAVIOR PATTERN OF SHAD IN THE VICINITY OF A HEATED EFFLUENT DURING A NO-HEAT PERIOD ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Electric Power Plants; Tags; Temperature (water); ...2.1515

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Pre-impoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Atomic Plants; Embryology -basic; Estuaries; Invertebrate Physiology; Marine Animals; Population Dynamics -general; Temperature (water); ...2.1567

INTERACTION BETWEEN MARINE ORGANISMS AND OIL POLLUTION ...Contamination - Water; Environmental Geology; Marine Biology - General; Petroleum -see Oil; ...2.1584

PLUMBISM IN MIGRATORY WATERFOWL FROM FOOD CHAIN ACCUMULATION OF LEAD ...Absorption (incl. Adsorption); Bird Studies -general; Lead; Waterfowl -nonspecific; ...2.1631

EFFECTS OF LOGGING ON SALMON POPULATIONS IN COASTAL STREAMS ...Coastlines - Shorelines; Fish and Shellfish; Forest Watersheds; Lumbering -general; Oregon; Pseudotsuga; ...2.1688

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mass Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

FISH BEHAVIOR AND PHYSIOLOGY ...Behavior -vertebrate; Engineering Structures-general; Environmental Physiology; Fish & Shellfish Biology; Motivation and Instinct; Pollution Effects -see Water; Sensory & Perceptual Processes; Thermal Pollution; ...2.1761

EFFECT OF ENVIRONMENTAL POLLUTION ON FISH DISEASES - EFFECT OF HEAT STRESS ON DISEASE RESISTANCE MECHANISMS IN SALMONID FISHES ...Contamination - Water; Oncorhynchus; Pathology; Salmo Gairdneri; Temperature (water); ...2.1764

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

THE AQUATIC ENVIRONMENT AND ELECTRICAL POWER GENERATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Great Lakes -see Specific Lake; Reactor Sites & Rad Waste; Temperature (water); ...2.1781

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

PESTICIDE LEVELS IN MIGRATORY BIRDS ...Animal Productivity; Birds; Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -nonspecific; ...4.0589

BIOLOGICAL AND INTEGRATED CONTROL OF ARTHROPOD PESTS ...Biological Control; Herbicides -nonspecific; Insects - Beneficial; Phaseolus; Rain; ...4.0605

FORAGE INSECT INVESTIGATIONS ...Insecticides -nonspecific; Lotus; Pesticide Evaluation; Population Dynamics -general; Trifolium; Zea Mays - Field Corn; ...4.0768

ECOLOGICAL AND RADIO-ECOLOGICAL INVESTIGATIONS AT THE AEC SAVANNAH RIVER PLANT ...Amphibians; Aquatic Ecology - Animal; Energy Budgets; Mammals -nonspecific; Radiation Effects - Biological; Reptiles; ...5.0260

AEC ANIMAL INVESTIGATION PROGRAM ...Bio; Environmental Ecology; Ovis; Reactor Sites & Rad Waste; ...5.0421

EFFECTS OF RADIATION ON MIGRATORY ORIENTATION OF SALAMANDERS ...Amphibians; Animal Behavioral Ecology; Animal Productivity; Ponds; Radiation Resistance -animals; ...5.0603

Animal Pharmacology

INVESTIGATIONS IN THE THERAPY OF BOVINE LEAD POISONING ...Auto Exhaust -see Air Poll.; Bone; Chelation & Complexing; Lead; ...1.0360

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Bioassays; Con-

taminstion - Water; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Pollution Effects -see Water; Primary Productivity - Plants, Sewage; Water Quality -general; ...2.0119

AN INVESTIGATION OF APHANIZOMENON FLOS-AQUAE, A TOXIC BY-PRODUCT OF EUTROPHICATION ...Algae - Cyanophyta; Algal Toxins; Aquatic Ecology - Animal; Eutrophication; Plant Toxins; ...2.0246

A STUDY OF SUSPECTED LEAD POISONING OF SWANS AND GEESE ...Aquatic Soils; Bird Studies -general; Food Supply; Pathology; Rhode Island; ...2.0355

THE INVESTIGATION AND ANALYSIS OF BIOCHEMICAL PROCESSES OF AQUATIC ORGANISMS UNDER STRESS ...Biochemical Analysis - Tissues; Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Fish; Physiological Effects; Toxic Substances; Water Standards & Baselines; ...2.0639

USE OF MARINE PLANKTONIC ORGANISMS FOR EVALUATING THE QUALITY OF MARINE AND ESTUARINE WATERS ...Animal Life History Studies; Bioassays; Estuaries; Phytoplankton; Water Pollutant Identification; Water Quality -general; ...2.0740

REARING AND SENSITIVITY STUDIES OF VARIOUS LIFE STAGES OF MARINE MACROINVERTEBRATES ...Crabs; Invertebrate Physiology; Marine Animals; Prawns; Water Pollutant Identification; ...2.0791

PHARMACOLOGY ...Air Pollution -see Specifics; Biochemical Analysis - Tissues; Evolution; Marine Animals; Marine Plants; Organic Water Properties; ...2.1091

EFFECTS OF SODIUM NITRATE AND WATER CONTAMINANTS ON TURKEY PERFORMANCE ...Contamination - Water; Environmental Physiology; Meliagrin; Nutrition; Physiological Effects; Pollution Effects -see Water; Water Utilization -animal; ...2.1513

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Chromium; Dieldrin; Iodine; Ms-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

CHRONIC EFFECTS OF HEAVY METALS ON FISH ...Contamination - Water; Lepomis Macrochirus; Percidae; Pollution Effects -see Water; Radioisotopes -nonspecific; Zinc; ...2.1597

PLUMBISM IN MIGRATORY WATERFOWL FROM FOOD CHAIN ACCUMULATION OF LEAD ...Absorption (incl. Adsorption); Animal Migration; Bird Studies -general; Lead; Waterfowl -nonspecific; ...2.1631

EFFECTS OF CRUDE OILS AND THEIR EMULSIONS ON MARINE ORGANISMS ...Contamination - Water; Fish; Oil Ships and Cruises; ...2.1699

PHARMACOLOGY OF METAL POISONING IN ESTUARINE FISHES ...Contamination - Water; Environmental Physiology; Mineralogical Water Properties; Pollution Effects -see Water; ...2.1700

COMPARATIVE TOXICITIES OF METALS TO ESTUARINE FISHES ...Aluminum; Bioassays; Cyprinodontidae; Environmental Physiology; Industrial Wastes; Marine Animals; Toxic Substances; ...2.1701

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Catostomidae; Effluents - Waste Water; Manganese; Mining Industry; Pollution Effects -see Water; Sediments; Toxic Minerals; Water Purification; ...2.1746

MANAGEMENT PRACTICES AFFECTING SWINE PRODUCTION ...Farm Animal Wastes; Injury -animal; Space Requirements; Temperature - Air; ...3.0289

DEVELOPMENT AND REFINEMENT OF ANALYTICAL METHODS FOR AGRICULTURAL PRODUCTS ...Chemical Analysis; Iodine; Lead; Pesticide Residues in Feeds; Pesticide Residues Removal; Pesticides -nonspecific; Vertebrates -nonspecific; ...4.0489

DETERMINATION OF THE TOXICITY OF TERRAMYCIN TO CATFISHES (REVISED) ...Ictaluridae; Ictalurus Punctatus; Laboratory Animals; Pesticid. Formulation; Terramycin; ...4.0540

BIOLOGICAL METHODS OF CONTROL FOR INTERNAL PARASITES OF LIVESTOCK ...Chemical Analysis; Genetic Resistance; Immunology; Lesion; Nematoda; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0555

LITERATURE SEARCH FOR BIOLOGICALLY ACTIVE COMPOUNDS ...Abstracts; Literature Search; Pesticide Toxicity - general; Pesticides -nonspecific; ...4.0578

ACCELERATED REMOVAL OF INSECTICIDE RESIDUES ...Chemical Analysis; DDT; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0618

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

METABOLISM OF PESTICIDES IN CATTLE ...Animal Pests; Bos; Domestic Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; Tissue Accumulation Rates; Urine; ...4.0649

FUR ANIMAL NUTRITION STUDIES ...Dieldrin; Mustelidae; Scorpaenidae; TDE; ...4.0663

FACTORS AFFECTING PLACENTAL TRANSFER, METABOLISM AND EXCRETION OF PESTICIDES IN ANIMALS ...DDT; Laboratory Animals; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; Tissue Accumulation Rates; ...4.0669

PATHOLOGIC EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS USED IN THE ENVIRONMENT - THE TOXICITY OF NITRATES ...Dieldrin; Laboratory Animals; Pesticide Action on Animals; Rodentia -other; Tissue Accumulation Rates; ...4.0679

MECHANISMS OF INSECTICIDAL ACTION ...Chlorinated Hydrocarbons; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; ...4.0772

TOXICOLOGICAL STUDIES OF DIELDRIN AND STEROIDS IN DOGS ...Canidae; Dieldrin; Laboratory Animals; ...4.0774

GENERAL TESTING OF ENVIRONMENTAL CHEMICALS FOR EFFECTS ON GROWTH AND DEVELOPMENT ...Developmental Physiology; Environmental Effects - Human; Fungicides -nonspecific; Herbicides -nonspecific; Laboratory Animals; Mammals - nonspecific; Toxicology; ...4.0796

EXCRETION OF CHEMOTHERAPEUTIC AGENTS ...Bacteria - nonspecific; Bos; Pesticide Action on Animals; Pesticide Residues; Plant Resistance; Residues in Foods; Sulfamethazine; ...4.0802

A STUDY OF THE PESTICIDE RESIDUES AND OF PARASITES IN BIG GAME MAMMALS OF SOUTH DAKOTA ...Anthelminth; Gastropoda; Ovis; Pesticide Evaluation; Pesticides -nonspecific; ...4.0846

EFFECT OF NITRATES AND OTHER NITROGENOUS COMPOUNDS ON TOXICITY OF PESTICIDES ...Domestic Animals; Pesticide Action on Animals; Pesticide Rates -general; Pesticides - nonspecific; Urine; ...4.0866

BIOCHEMICAL EFFECTS OF AGRICULTURAL CHEMICALS AND CONTROL SUBSTANCE TO LIVESTOCK ...Bos; Domestic Animals; Herbicides -nonspecific; Insecticides -nonspecific; Poultry -nonspecific; ...4.0872

ORGANIC MERCURY POISONING IN SWINE ...Domestic Animals; Mercurous Chloride; Mercury; Pesticide Action on Animals; Sus; ...4.0900

THIN LAYER CHROMATOGRAPHIC IDENTIFICATION OF MS-222 IN FISH MUSCLE TISSUE, BLOOD, BRAIN TISSUE, AND IN WATER (ABBREV) ...Chemical Analysis; Control of Nuisance Species; Ms-222; ...4.0903

INVESTIGATIONS ON FATE OF CONTROL AGENTS IN FISH. WORK UNIT RESIDUES OF MS-222 IN NORTHERN PIKE, MUSKELLUNGE, WALLEYE (ABBREV) ...Chemical Analysis; Esocidae; Ms-222; Stizostedion Vitreum Vitreum; ...4.0904

RESIDUES OF FISH CONTROL AGENTS - FLUOROMETRY, THIN LAYER AND GAS CHROMATOGRAPHY FOR ANALYSIS OF QUINALDINE RESIDUES IN FISH (ABBREV) ...Centrarchidae; Ictaluridae; Lepomis Macrochirus; Pesticide Formulation; Pesticide Residues; Piscicides -nonspecific; Quinaldine; ...4.0905

THE EFFECTIVENESS OF MCN-JR-7464 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ...Fish; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Action on Animals; Pesticide Formulation; Salmo Trutta; Temperature (water); ...4.0906

CHRONIC TOXICITY OF PESTICIDES TO COLD-WATER FISH ...Fish; Nutrition; Pesticide Residues; Pesticides -see Pesticide; Shock -animal; ...4.0920

SWEET CLOVER TOXICITY AND CHEMICAL AND PHYSIOLOGICAL STUDIES ON DICUMAROL AND WARFARIN ...Chemical Analysis; Laboratory Animals; Muridae; Pesticide Action on Animals; Warfarin; ...4.0996

THE EFFECTS OF IRRADIATION ON ERYTHROCYTE CHIMERISM & IMMUNOLOGIC TOLERANCE IN CATTLE TWINS ...Bos; Experimental Teratology; Immunology; Radiation Effects - Biological; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0766

Animal Population Dynamics

Population Dynamics -general

EFFECTS OF AUTO EXHAUST ON ROADSIDE MAMMAL POPULATIONS ...Air Pollution -see Specifics; Animal Behavioral Ecology; Cricetidae -other; Environmental Physiology; ...1.0361

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Acid Mine Drainage; Aquatic Plants - nonspecific; Biological Effects; Iowa; Lakes; Oklahoma; Strip Mines; ...2.0024

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Management (water); Plant Habitat Studies; Soil Moisture; Urban Environment; Water Balance - Budget; ...2.0108

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination - Water; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Pollution Effects -see Water; Primary Productivity - Plants; Sewage; Water Quality -general; ...2.0119

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects - see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Sewage; Taxonomy -plant; ...2.0151

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Sediments; Soil Conservation-see Conserv., Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

AN INVESTIGATION OF APHANIZOMENON FLOS-AQUAE, A TOXIC BY-PRODUCT OF EUTROPHICATION ...Algae - Cyanophyta; Algal Toxins; Aquatic Ecology - Animal; Eutrophication; Plant Toxins; ...2.0246

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Cladocera; Eutrophication; New York; Percidae; Plankton Sampling; Primary Productivity - Plants; Zooplankton; ...2.0265

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Animal Behavioral Ecology; Atomic Plants; Contamination - Water; Ecological Effects; Environmental Ecology; Lakes; Thermal Pollution; ...2.0305

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply -general; ...2.0322

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Contamination - Water; Data Acquisition; Fish; Marine Pollution; Oregon; Pollution Effects -see Water; Salinity (water); Temperature (water); ...2.0335

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Animal Productivity; Chemical Water Properties; Eutrophication; Fish; Nutrients; Phytoplankton; Plant Population Dynamics - gen; Primary Productivity - Plants; Zooplankton; ...2.0353

AN EVALUATION OF THE PRODUCTIVITY CHANGES ASSOCIATED WITH LIMING OF SHERWOOD LAKE, WEST VIRGINIA ...Animal Productivity; Fish; Lime Treatment; Mineralogical Water Properties; West Virginia; ...2.0410

CONTROL OF PRODUCTIVITY AND POPULATION CHARACTERISTICS IN AQUATIC COMMUNITIES ...Animal Productivity; Core Analysis; Invertebrate Physiology; Lakes; Rehabilitation - streams -lakes, Sedimentation; ...2.0426

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Bioindicators; Chlorine; Contamination - Water; Mercury; Organic Matter; Pesticides -non specific; Water Pollutant Identification; Zinc; ...2.0466

AQUATIC-BIOTIC COMMUNITY STRUCTURE AS AN INDICATOR OF POLLUTION ...Acidity (water); Benthic Fauna; Invertebrates -nonspecific; Pollution Effects -see Water; Species Diversity Measurement; Strip Mines; ...2.0469

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Brazil; Florida; Marine Plants; Plant Distribution; Plant Population Dynamics -gen; Protozoa; Taxonomy -plant; Water Quality - general; ...2.0542

ST. JOHNS RIVER FISHERY PROJECT ...Animal Habitat Studies; Contamination - Water, Environmental Ecology; Fish and Shellfish; Mans Pollutional Activities; Pollution Effects -see Water; ...2.0543

REMOTE SENSING, EVERGLADES AREA, FLORIDA ...Aircraft Remote Sensing; Eutrophication; Florida; Plankton; Spectral Reflectance; Visible Light; ...2.0570

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Contamination - Water; Fish; Illinois; Invertebrates -nonspecific; Organic Matter; Pollution Effects -see Water; Sediments; ...2.0576

ECOLOGIC IMPACT OF HUMAN ACTIVITIES ON WATER RESOURCE ENVIRONMENTS ...Animal Pollutant Sources; Chemical Water Properties; Ecological Effects; Mans Pollutional Activities; Physical Water Properties; Water Pollutant Identification; ...2.0584

THE ECOLOGY OF DRAKE'S CREEK, KENTUCKY ...Aquatic Ecology - Animal; Kentucky; Management (water); Survey Studies (water); Water Standards & Baselines; ...2.0596

RESEARCH ON THE MACROBENTHOS OF THE GREAT LAKES ...Annelida; Benthic Fauna; Fish Food Organisms, Lake Erie; Lakes; Water Pollutant Identification; ...2.0624

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

POPULATION STUDIES OF MARINE AMPHIPOD CRUSTACEANS ...Amphipoda; Aquatic Ecology - Animal; Estuaries; Marine Animals; Vertical Distribution; ...2.0669

SURVEY OF LAKE NO. 1, WINSLOW TRACT ...Aquatic Ecology - Animal, Chemical Analysis (water); Electro-fishing; Lakes; Nets; New Jersey; Water Utilization -animal; ...2.0679

BIOLOGICAL MONITORING ...Animal Habitat Studies; Contamination - Water; Industrial Wastes, Pollution Effects -see Water; Pulp and Paper Wastes; Water Pollutant Identification; ...2.0711

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water); Animal Productivity; Chemical Water Properties; Ohio; Physical Water Properties; River Basins; Systems Analysis - Water Mgmt; Taxonomy -plant; Water Pollutant Identification; ...2.0722

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Aquatic Ecology - Animal; Biological Water Properties; Chemical Analysis (water); Data Acquisition; Fish; Organic Water Properties; Pollution Effects -see Water; Survey Studies (water); ...2.0731

THE BEHAVIOR OF SMALLMOUTH BASS AS RELATED TO ARTIFICIAL COVER ...Acidity (water); Aquatic Ecology - Animal; Fish Food Supply -other; Mining Industry; Water Pollutant Identification; ...2.0762

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling, Chlorine; Core Analysis; Industrial Wastes; Nematoda; Rural Areas; Size; ...2.0776

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Aquatic Ecology - Animal; Contamination - Water; Ecological Effects; Fish; Pollution Effects -see Water; Reactor Sites & Rad Waste; Survey Studies (water); Thermal Pollution; ...2.0800

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

WATER QUALITY MONITORING STUDIES ...Aquatic Ecology - Animal; Dams -general; Fish and Shellfish; Monitoring; Water Quality -general; ...2.0854

INFLUENCE OF SEDIMENTATION UPON THE PRODUCTION OF GAME FISHES ...Animal Productivity; Ecological Effects; Fish Food Organisms; Pollution Effects -see Water; Sediment Yield; Sediments; Turbidity (water); ...2.0881

DENITRIFICATION AS A PATHWAY FOR NITRATE REMOVAL IN RIVERS AND PONDS ...Carbon, Denitrification; Organic Water Properties; Temperature; Water Properties - general; ...2.1016

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Aquatic Ecology - Animal; Chemical Water Properties; Ictalurus Punctatus; Lakes; Lime Treatment; Neutralization; Stocking of Fish & Shellfish; ...2.1027

ACID WATER TROUT STUDIES ...Acidity (water); Environmental Ecology; Neutralization; Water Pollutant Identification; Water Table; ...2.1059

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity; Cellular Catabolism-see Degrad; Estuaries; Microorganisms -nonspecific; Plankton; Plant Productivity -general; Ponds; Primary Productivity - Plants; Water Pollution Sources; ...2.1069

LIMESTONE DRUM PRODUCTIVITY STUDY -- POPULATION STUDY ...Acidity (water); Chemical Measurements (water); Contamination - Water; Environmental Ecology; Limestone-general; Spawn Or Nesting Sites; Stocking of Fish & Shellfish; ...2.1131

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Reservoirs and Impoundments; Wisconsin; ...2.1133

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Aquatic Ecology - Animal; Chemical Measurements (water); Chlorination; Effluents - Waste Water; Physical Water Properties; Pollution Effects -see Water; Protozoa; Temperature (water); ...2.1262

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Aquatic Plants -nonspecific; Fish; Fishing; Pollution Effects -see Water; Recreation; Water Resources; Spawn Or Nesting Sites; Water Pollution Effects; ...2.1471

EFFECTS OF WATER DIVERSION ON BIOTA AND WATER QUALITY IN THE STATE OF ARKANSAS ...Animal Productivity; Aquatic Ecology - Animal; Chemical Water Properties; Eutrophication; Physical Water Properties; Vertebrate Anatomy; ...2.1482

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots; Arkansas; Chemical Analysis (water); Ecological Effects; Eutrophic Lakes; Mineralogical Water Properties; Nutrients; Plankton Sampling; Zooplankton; ...2.1483

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Sewage; Urban Environment; ...2.1495

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Core Analysis; Fish and Shellfish; Lumbering -general; Pulp and Paper Wastes; Sedimentation; Temperature (water); Water Pollution Effects; ...2.1496

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bullheads; Ecological Effects; Environmental Physiology; Marine Animals; Osteichthyes -other; Temperature Stress; ...2.1498

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Induced Temperature; Marine Plants; Thermal Pollution; ...2.1532

IMPLEMENTATION OF HABITAT ALTERATIONS ...Amphibious Plants; Animal Succession; Depth (water); Environmental Ecology; Lakes; Water Depth; Water Levels; ...2.1534

THE EFFECTS OF THERMAL LOADING ON THE HAWAIIAN MARINE BIOTA ...Animal Life History Studies; Ecological Effects; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Temperature; Thermal Pollution; ...2.1539

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Environmental Ecology; Insects - Beneficial; Lumbering -general; Ponds; Range Or Territorial Distr.; Temperature (water); ...2.1543

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Preimpoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Biochemical Analysis - Tissues; Ecological Effects; Energy Conversion; Environmental Physiology; Pollution Effects -see Water; Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1553

THE EFFECT OF INORGANIC SEDIMENT ON STREAM BIOTA ...Animal Productivity; Contamination - Water; Invertebrates - nonspecific; Pollution Effects -see Water; Sediments; ...2.1554

EFFECTS OF POLLUTION, ESPECIALLY FROM FEEDLOTS, ON FISHES IN THE UPPER NEOSHO RIVER BASIN ...Animal Habitat Studies; Aquatic Ecology - Animal; Fish; Kansas; Pollution Effects -see Water; River Basins; ...2.1557

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Atomic Plants; Embryology -basic; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); ...2.1567

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Chlorine; Data Acquisition; Effluent-standards; Fish; Species Diversity Measurement; Water Properties -general; ...2.1577

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Animal Productivity; Aquatic Soils; Environmental Changes; Fish; Lakes; Nutrient Studies -animal; Water Analysis; ...2.1587

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Iodine; Ms-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

MONITORING FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ...Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Lake Michigan; Nets; Salmonidae; Thermal Pollution; ...2.1596

SECONDARY PRODUCTION IN RUNNING-WATER ECOSYSTEMS ...Animal Habitat Studies; Animal Productivity; Bottom Sampling; Ecological Effects; Management (water); Plant Productivity -general; ...2.1601

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST. CROIX (ABBREV) ...Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Fishing; Loss Damages - Recreation; Temperature (water); Water Pollution Effects; ...2.1603

EFFECT OF WATER POLLUTANTS AND WATER QUALITY ON EARLY LIFE HISTORY AND POPULATION DYNAMICS OF MINNESOTA FISHES ...Animal Life History Studies; Contamination - Water; Fish Food Organisms; Minnesota; Pollution Effects -see Water; Pulp and Paper Wastes; Temperature (water); ...2.1606

A SURVEY OF THE VERTEBRATES OF THE PEARL RIVER RESERVOIR ...Aquatic Ecology - Animal; Contamination - Water; Literature Search; Mississippi; Reservoirs and Impoundments; Vertebrates -nonspecific; ...2.1609

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Creel Census; Environment; Fish; Lakes; Performance; Power Reservoirs; Temperature (water); Temperature - Air; User Patterns; ...2.1620

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bays; Ecological Effects; Energy Conversion; Invertebrate Physiology; Long Island Sound; Mollusca; Temperature (water); Zooplankton; ...2.1638

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER ...Aquaria; Captive Rearing; Energy Conversion; Fish Farming; Marine Animals; New York; Temperature (water); Water Utilization - animal; ...2.1653

SUBLETHAL INFLUENCE OF POLLUTANTS ON FISH METABOLISM ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Fresh Water; ...2.1673

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS

...Animal Predation; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Industrial Wastes; Petroleum Industry; Water Pollutant Identification; ...2.1674

IMMEDIATE EFFECTS OF LOGGING ON THE FRESHWATER ENVIRONMENT OF SALMONIDS ...Acidity (water); Circulation (water); Forest Debris; Lumbering -general; Salmonidae; Temperature (water); ...2.1681

EFFECTS OF PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Animal Productivity; Biological Effects; Contamination - Water; Fish and Shellfish; Oregon; ...2.1685

EFFECTS OF LOGGING ON SALMON POPULATIONS IN COASTAL STREAMS ...Animal Migration; Coastlines - Shorelines; Fish and Shellfish; Forest Watersheds; Lumbering - general; Oregon; Pseudotsuga; ...2.1688

AN EXPANDED PROGRAM OF RESEARCH IN FRESHWATER ECOLOGY ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Environment Resistance-animals; Fresh Water; Pollution Effects -see Water; Water Pollution Sources; ...2.1689

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Copepoda; Environmental Ecology; Fish; Marine Animals; Mollusca; Salinity (water); Thermal Properties; ...2.1693

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants; Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

WATER POLLUTION INVESTIGATION, BATTLE CREEK, SOUTH DAKOTA ...Aquatic Ecology - Animal; Benthic Fauna; Ecological Effects; Pollution Effects -see Water; South Dakota; Water Quality -general; ...2.1710

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

SOME EFFECTS OF THE RECENT INTRODUCTION OF HARD WATER INTO THE WATER SUPPLY RESERVOIR OF CARVIN COVE, VIRGINIA ...Animal Productivity; Benthic Fauna; Environmental Ecology; Mineralogical Water Properties; Physical Water Properties; Vertical Distribution; Water Pollution Effects; ...2.1747

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Acid Mine Drainage; Aquatic Ecology - Animal; Bullheads; Environment Resistance-animals; Environmental Physiology; Fish Food Supply -other; Management (water); Pollution Effects -see Water; Water Resources Planning; ...2.1771

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Fishery Development - other; Lake Ontario; Pesticides -see Pesticide; Residues in Foods; Water Depth; Water Levels; Water Resources Planning; ...2.1876

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; State Government; Survey Studies (water); Water Quality - general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Recreation, Water Resources; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

EFFECT OF MUNICIPAL SEWAGE PLANT EFFLUENT UPON AQUATIC SNAIL POPULATIONS ...Aquatic Ecology - Animal; Chlorine; Ecological Effects; Lake Champlain; Mercury; Pollution Effect -see Water; Sewage; ...3.0053

DEVELOPMENT OF EQUIPMENT AND TECHNIQUES FOR CROP RESIDUES ...Gossypium; Loam -see Soil Types; Plant Residues, Humus, Compost; Soil Moisture; Soil Tillage; Waste Disposal on Soils; ...3.0201

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; ...4.0021

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

AN EVALUATION OF THE INSECTICIDE 'SEVIN' AS A WATERSHED POLLUTANT ...Environment Accumulation Rates; New York; Pesticide Residues; Soil Types -also See Specifics; Water Pollutants - Path of; ...4.0057

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Animal Productivity; Bos; Ecological Effects; Oncorhynchus; Pesticide Action on Animals; Pesticide in Food Chains; Pollution Effects -see Water; Residues in Foods; ...4.0064

FISHERIES UNIT ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Catostomidae; Cladocera; Mark, Tag Or Capture -other; Pesticides -see Pesticide; ...4.0066

INVESTIGATION OF PESTICIDE DRIFT IN THE LOWER RIO GRANDE VALLEY OF TEXAS ...Biological Control; Climates - general; Insects - Beneficial; Pesticide Drift; ...4.0071

SOIL INVERTEBRATES INFLUENCE ON CORN RESIDUES ...Arthropods; Minimum Tillage; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Planting Methods; Soil Microbiology; ...4.0108

APPLE INSECTS ...Acaricides -nonspecific; Arachnida; Insecticides -nonspecific; Liquids Or Sprays; Pesticide Evaluation; Taxonomy - animal; ...4.0209

DEVELOPMENT OF SAFE & EFFECTIVE MATERIALS FOR MANAGEMENT OF WESTERN FOREST INSECT POPULATIONS ...Aerosols - Smokes, Fogs, Steam; Bioassay; Methomyl; Pesticide Evaluation; Pesticide Residues; Translocation; ...4.0220

BIOLOGICAL CONTROL OF HELIOTHIS ZEA ATTACKING COTTON ...Animal Distribution; Biological Control; Methyl Parathion; Pesticide Evaluation; ...4.0221

BIONOMICS OF THE PLANT NEMATODE TRICHODORUS CHRISTIEI ...Aliphatic Carbamates; Chrysanthemum; Mocap; Ornamentals; Pesticide Evaluation; Zinophos; ...4.0260

EVALUATION OF CHEMICAL COMPOUNDS AS NEMATOCIDES ...Bayer 25141; Mocap; Nematoda; Pesticide Phytotoxicity; Vegetables; ...4.0294

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds -nonspecific; Phosvel; Torak; ...4.0347

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Arthropods; Ethion; Organophosphorous Cpds.; Pesticide Evaluation; Pesticide Residues; Trithion; ...4.0403

SEASONAL OCCURRENCE AND CONTROL OF THE CORN EARWORM IN THE VALLEY ...Animal Life History Studies; Economics of Chemical Control; Helminthosporium; Pesticide Evaluation; Pesticide Phytotoxicity; Vegetables; ...4.0406

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Chlorphenamidine; Furadan; Guthion; Liquids Or Sprays; Pesticide Evaluation; Phalone; Pyrus Malus; UC 34096; ...4.0413

CURRANT STEM GIRDLER AND CURRANT BORER ...Animal Life History Studies; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pesticide Evaluation; Pesticide Residues; Saxifragaceae; ...4.0416

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Application Rates; Pesticide Legal Aspects; Pesticide Residues; Solvents Or Carriers; Supracide; ...4.0417

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Economic Losses (or Benefits); Furadan; Malathion; Oleaceae; Pesticide Phytotoxicity; Thimet; ...4.0433

INTEGRATED CONTROL OF INSECT AND MITE PESTS OF APPLE ORCHARDS ...Arachnida; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0441

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida; Formetanate; Guthion; Imidan; Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

INTEGRATED CONTROL OF PEACH INSECT PESTS ...Animal Distribution; Arachnida; Biological Control; Guthion; Pesticide Evaluation; ...4.0546

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Birds; Laboratory Animals; Pesticide Application Rates; Pesticide Formulation; Ponds; ...4.0550

CHLORINATED HYDROCARBONS - PATTERNS AND EFFECTS UPON THE REPRODUCTIVE CAPACITY OF ANTARCTIC PELAGIC SEA BIRDS ...Antarctica; Birds; France; Polar Regions; Polychlorinated Biphenyl Cpds ; Procellariformes; ...4.0551

WILDLIFE VS. BIDRIN AND DIMETHOATE USE IN SEED ORCHARDS ...Animal Distribution; Bidrin; Birds; Dimethoate; Mammals; Pesticide Legal Aspects; ...4.0575

EFFECTS OF THE CHEMOSTERILANT, TEPA, ON INSECTIVOROUS SONGBIRDS ...Birds; Insect Chemosterilants -ns.; Passeriformes; Washington; ...4.0576

FIELD TRIALS WITH ANTIFERTILITY AGENTS FOR PREDATOR CONTROL ...Animal Predation; Canidae; Control of Nuisance Species; Impregnated Materials-products; Pesticide Application Rates; ...4.0577

EXPERIMENTAL ENVIRONMENTS ...Animal Habitat Studies; Estuaries; Marine Animals; Pesticide Toxicity in Animals; Protozoa; ...4.0590

WILDLIFE RESEARCH ...Bioassay; Censusing; Endangered Species; Florida; Pathology; Pelecaniformes; Spawn Or Nesting Sites; ...4.0596

BIOLOGICAL AND INTEGRATED CONTROL OF ARTHROPOD PESTS ...Animal Migration; Biological Control; Herbicides -nonspecific; Insects - Beneficial; Phaseolus; Rain; ...4.0605

ECOLOGY OF ANIMALS IN DDT-CONTAMINATED ENVIRONMENTS ...Contamination -see Air & Water; DDT; Degradation; Pesticide Safety Measures; Wildlife -nonspecific; Wildlife Toxicity; ...4.0632

RATES OF PESTICIDE BUILDUP IN SALMONIDS RECENTLY INTRODUCED IN THE GREAT LAKES ...Aquatic Ecology - Animal; Insecticides -nonspecific; Lake Superior; Marine Pollution; Pollution Effects -see Water; ...4.0661

BIOLOGY AND CONTROL OF THE HELIOTHIS COMPLEX ON COTTON ...Aliphatic Carbamates; Animal Resistance; Biological Control; DDT; Toxaphene; ...4.0688

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPP. IN COTTON ...Bacillus Thuringiensis; Biological Control; DDT; Insect Resistance; Toxaphene; ...4.0689

BIOLOGICAL AND INTEGRATED CONTROL OF COTTON INSECTS ...Animal Habitat Studies; Biological Control; Gossypium; Insects - Beneficial; Pesticide Action on Animals; ...4.0690

EFFECT OF CHEMICALS ON BENEFICIAL INSECTS ...Arachnida; Biological Control; Granules, Capsules; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; ...4.0692

EFFECTS OF A PESTICIDE ON REPRODUCTION OF CONFINED COTTONTAILS ...Captive Rearing; Mammals; Pesticide Action on Animals; Pesticide Formulation; ...4.0747

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management -other; Salmo Clarki; ...4.0748

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0752

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Guthion; Medicago; Nemacur P; Pesticide Application Rates; Pesticide Residues; Phosvel; Sevin; ...4.0759

BEE INVESTIGATIONS ...Aquifoliaceae; Climates -general; Ericaceae; Lindane; Pollens -see Air Pollution; ...4.0760

FORAGE INSECT INVESTIGATIONS ...Animal Migration; Insecticides -nonspecific; Lotus; Pesticide Evaluation; Trifolium; Zea Mays - Field Corn; ...4.0768

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Aldrin; Dieldrin; Ictaluridae; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...4.0807

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Estuaries; Marine Animals; Pesticide Action on Animals; Pesticide Toxicity in Animals; Physical Models; Pollution Effects -see Water; Sevin; ...4.0825

THE INFLUENCE OF PESTICIDES ON MORTALITY RATES OF BIRDS ...Animal Productivity; Birds; Computer Methods -general; Pelecaniformes; Pesticide Residue Analysis; Pesticides -nonspecific; ...4.0828

EFFECTS OF PESTICIDES ON INSECTS, MITES, AND PREDACEOUS ARTHROPODS IN APPLE ORCHARDS ...Arachnida; Foreign Agriculture; Insects - Beneficial; Pesticide Action on Animals; Pesticide Toxicity in Animals; Temperature - Air ...4.0838

BIOLOGY AND CONTROL OF ARTHROPODS ON SOYBEANS ...Aliphatic Carbamates; Arachnida; Biological Control; Insect Resistance; Methomyl; Pesticide Evaluation; ...4.0843

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...Bidrin; DDT; Economics of Chemical Control; Insects - Beneficial; Pesticide Action on Animals; Strobane; Toxaphene; ...4.0865

PESTICIDE AND POLLUTANT TOXICITY AND INTERACTIONS IN BEES ...Air Pollution -see Specifics; Animal Resistance; Insects - Beneficial; ...4.0877

EFFECT OF PESTICIDE RESIDUES ON GAME FISH POPULATIONS ...Animal Life History Studies; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; ...4.0893

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT AND MITE PESTS OF APPLE ...Acaricides -nonspecific; Arachnida; Biological Control; Gardona; Insects - Beneficial; Phosalone; Torak; ...4.0896

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Soil Contamination -other; Urine; ...4.0987

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Degradation; Insecticides - nonspecific; Pesticide Degradation -see Deg; Pesticide Residues; Pesticides -nonspecific; Texas; ...4.0988

NORTHWEST TREE FRUIT INSECTS ...Acaricides -nonspecific; Arachnida; DDT; Insect Resistance; Invertebrate Physiology; Pesticide Action on Animals; Pesticide Residues; Radiation Sources -general; ...4.0993

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Animal Life History Studies; Furadan; Pesticide Evaluation; Sevin; ...4.1030

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPECIES IN COTTON AND OTHER HOST PLANTS ...Aliphatic Carbamates; Animal Resistance; DDT; Insect Resistance; Methyl Parathion; Pesticides -other; Sevin; ...4.1037

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Computer Methods -general; Food Supply; Forest Environment -general; Mark, Tag Or Capture; Pesticide Residue Analysis; Pesticides -nonspecific; Quail; ...4.1113

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Chenopodiaceae; Dieldrin; Dimethoate; Insect Resistance; Parathion; Pesticide Residues; Sorghum; Triticum; ...4.1115

STUDY OF THRIPS TABACI, ITS BIOLOGY AND ECOLOGY, A VIRUS VECTOR ON TOBACCO ...Animal Life History Studies; Insect Resistance; Nicotiana; Pesticide Residue Analysis; Phenols; ...4.1134

VASCULAR PLANT AND RODENT PARAMETERS IN 48 MOJAVE AND GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, SOUTHERN NEVADA, 1962-70 ...Animal Productivity; Deserts, Arid Lands; Plants; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Vertebrates Excl. Man; ...5.0148

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic

Bomb; Colorado; Grasslands; Ochotonidae; Plants; Radiation Effects csee Rad.; Radioactive Fallout-cf Fallout; Strontium; X and Gamma Rays; ...5.0211

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

BIOLOGY OF THE EASTERN CHIPMUNK, TAMIAS STRIATUS ...Animal Productivity; Elevation Levels; Altitude; Sciuridae; Vertebrates Excl. Man; ...5.0375

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Animal Behavioral Ecology; Biological Rhythms; Motivation and Instinct; Odocoileus; Procyonidae; Rabbits; Range Or Territorial Distr.; Teal; Green-winged; Vertebrates Excl. Man; ...5.0413

RADIOECOLOGY OF SMALL VERTEBRATE SPECIES UNDER NATURAL ENVIRONMENTS ...Rodentia -other; Sciuridae; Vertebrates Excl. Man; X and Gamma Rays; ...5.0592

TERRESTRIAL ANIMAL ECOLOGY ...Animal Productivity; Cricetidae -other; Environmental Ecology; Radiation Sensitivity - man; Rodentia -other; ...5.0745

PRECIPITATION, AIR TEMPERATURES, SOIL MOISTURE, & GAMMA RADIATION, IN 68 MOJAVE & GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, 1962-70 (ABBREV) ...Air Pollution Sampling; Nevada; Precipitation Amount; Radioactive Pollution -ns; Soil Moisture; Temperature; ...5.0787

Species Diversity Measurement

AQUATIC-BIOTIC COMMUNITY STRUCTURE AS AN INDICATOR OF POLLUTION ...Acidity (water); Benthic Fauna; Invertebrates -nonspecific; Pollution Effects -see Water; Strip Mines; ...2.0469

APPLIED ECOLOGICAL STUDY OF SPRING CREEK, FORT COLLINS, COLORADO ...Annelida; Invertebrates -nonspecific; Water Pollution Sources; Watersheds; ...2.0522

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water); Animal Productivity; Chemical Water Properties; Ohio; Physical Water Properties; River Basins; Systems Analysis - Water Mgmt; Taxonomy -plant; Water Pollutant Identification; ...2.0722

MACROBENTHOS AS INDICATORS OF ECOLOGICAL CHANGE ...Aquatic Ecology - Animal; Benthic Fauna; Chemical Water Properties; Physical Water Properties; River Basins; Water Pollutant Identification; ...2.0816

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Acid Mine Drainage; Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Lakes; Mining Industry; Physical Water Properties; Waste Water Treatment -general; ...2.1551

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Chlorine; Data Acquisition; Effluent-standards; Fish; Population Dynamics -general; Water Properties -general; ...2.1577

EFFECTS OF SEWAGE SLUDGE ON FINFISH AND BENTHIC AND PLANKTONIC COMMUNITIES ...Atlantic Ocean; Benthic Organisms -nonspecific; Ecological Effects; New Jersey; Sewage; ...2.1639

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Swamps - Marshes; Water Pollutant Identification; ...2.1651

Animal Predation

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Aquatic Ecology - Animal; Cladocera; Eutrophication; New York; Percidae; Plankton Sampling; Primary Productivity - Plants; Zooplankton; ...2.0265

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Animal Productivity; Chemical Water Properties; Eutrophication; Fish; Nutrients; Phytoplankton; Plant Population Dynamics - gen.; Primary Productivity - Plants; Zooplankton; ...2.0363

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae,; Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Aquatic Ecology - Animal; Bottom Sampling; Chlorine; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics - general; Rural Areas; Size; ...2.0776

LIMESTONE DRUM PRODUCTIVITY STUDY-LIMNOLOGICAL STUDY ...Acidity (water); Benthic Fauna; Lakes; Limestone-general; Salmonidae; ...2.1132

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Environmental Ecology; Insects - Beneficial; Lumbering -general; Ponds; Range Or Territorial Distr.; Temperature (water); ...2.1543

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology - Animal; Embryology -basic; Environmental Physiology; Fish Food Supply -other; Micropterus Salmoides; Temperature (water); Water Pollution Effects; Water Quality -general; ...2.1649

PARASITES OF FRESH-WATER FISHES IN NORTH CAROLINA ...Animal Life History Studies; Annelida; Copepoda; Lakes; Nets; Ponds; Temperature (water); ...2.1663

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS ...Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Industrial Wastes; Petroleum Industry; Population Dynamics -general; Water Pollutant Identification; ...2.1674

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

ECOLOGICAL RESPONSES OF FISHES AND FISH-FOOD ORGANISMS TO HEATED EFFLUENT - CASE STUDY OF LAKE MONONA, WISCONSIN ...Electric Power Plants; Environmental Ecology; Lepisosteidae; Temperature (water); Thermal Pollution; ...2.1780

FIELD TRIALS WITH ANTIFERTILITY AGENTS FOR PREDATOR CONTROL ...Canidae; Control of Nuisance Species; Impregnated Materials-products; Pesticide Application Rates; Population Dynamics -general; ...4.0577

BIOLOGICAL FACTORS IN THE MANAGEMENT OF LAKE FLIES ...Aquatic Ecology - Animal; Benthic Fauna; Biological Control; Lakes; Pesticide in Food Chains; Pisicides -nonspecific; ...4.0914

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPECIES IN COTTON AND OTHER HOST PLANTS ...Aliphatic Carbamates; Animal Resistance; DDT; Insect Resistance; Methyl Parathion; Pesticides -other; Sevin; ...4.1037

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Canidae; Cervus; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

SYSTEMS ECOLOGY ...Computer Methods -general; Energy Budgets; Environmental Ecology; Plant Ecology -nonspecific; Plant Productivity -general; Radioactive Pollution -ns; Reactor Sites & Rad Waste; Systems Analysis; ...5.0074

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Bos; Cricetidae -other; Felidae; Forest Environment -general; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Vertebrates Excl. Man; ...5.0258

Animal Productivity

GEOCHEMICAL SURVEY OF THE VEGETATION OF MISSOURI ...Air Pollution; Air Pollution -see Specifics; Bioindicators; Missouri; Roads & Highways -see Highways; Soil Chemical Properties; Soil Minerals -natural; ...1.0331

LITERATURE REVIEW ON THE EFFECT OF AIR POLLUTANTS ON LIVESTOCK AND POULTRY ...Air Pollution -see Specifics; Arsenic; Environment Resistance-animals; Fluorine; Literature Searc' Poultry -nonspecific; Sus; ...1.0 '52

WATER QUALITY AND NUTRIENTS, SACRAMENTO-SAN JOAQUIN RIVER SYSTEM ...California; Eutrophication; Fish; Nutrients; Organic Water Properties; Plankton; Tides; ...2.0041

THE ROLE OF SLUDGE WORMS IN PROMOTING EUTROPHICATION ...Bays; Eutrophication; Invertebrate Physiology; Lakes; Sewage; Water Bacteria; ...2.0057

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Marine Biology - General; Primary Productivity - Plants; Water Pollution Sources; ...2.0094

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination - Water; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Pollution Effects -see Water; Primary Productivity - Plants; Sewage; Water Quality -general; ...2.0119

ACCUMULATION OF METALS IN THE AQUATIC FOOD CHAIN IN THE ILLINOIS RIVER ...Analysis and Detection; Aquatic Soils; Bioassays; Illinois River; Plant Food Chains; Water Pollution Effects; ...2.0125

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Contamination - Water; India; Marine Biology - General; Ocean Currents; Radioactivity; Radioecology - Plants; Salinity; Vertebrates Excl. Man; Water Pollution Sources; ...2.0136

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Ocean Circulation -general; Radioactive Fallout; Radioactivity; ...2.0187

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Density; Dystrophic Lakes; Nutrients; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Productivity -general; Stratification (water); ...2.0195

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Aquatic Ecology - Animal; Cesium; Copper; Invertebrate Physiology; Phosphorus; Potassium; Temperature (water); Zinc; ...2.0201

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Carbon; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; Water Depth; Water Levels; ...2.0205

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Evaporation; Montana; Oxygen Content (water); Phytoplankton; Productivity of Freshwater; Stratification (water); Wyoming; ...2.0233

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Cladocera; Eutrophication; New York; Percidae; Plankton Sampling; Primary Productivity - Plants; Zooplankton; ...2.0265

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Breakwaters; Coastal Engineering -general; Eutrophic Lakes; Eutrophication; General Recreation Studies; New York; Plant Productivity - general; Turbidity (water); Waves -see Ocean Waves; ...2.0271

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects -see Water; Water Pollution Sources; Zinc; ...2.0280

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases; Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Atomic Plants; Contamination - Water; Estuaries; Fish; Iron; Marine Animals; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

SEDIMENT MINERALOGY ...Adsorption Capacity; Contamination - Water; Environmental Ecology; Marine Biology - General; Mineralogy; Ponds; Vertical Distribution; Zinc; ...2.0284

THE IMPORTANCE OF THE FOOD CHAIN IN BOTULISM INTOXICATION AMONG WATERFOWL LAKES AND SLOUGHS OF THE DEVILS LAKE REGION IN NORTH DAKOTA ...Bacillus Licheniformis; Clostridium Botulinum; Lakes; Pathology; Waterfowl -nonspecific; ...2.0299

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

RADIONUCLIDE CYCLING IN NATURAL POPULATIONS OF AMPHIBIANS ...Amphibians; Aquatic Ecology - Animal; Contamination - Water; Iodine; Manganese; Water Cycle; Zinc; ...2.0331

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Chlorine; Forecasting - Prediction; Lakes; Mineralogical Water Properties; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; Water Pollution Sources; ...2.0359

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Chemical Water Properties; Eutrophication; Fish; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Primary Productivity - Plants; Zooplankton; ...2.0363

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity - general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

ECOLOGY OF WESTERN GULF ESTUARIES ...Animal Habitat Studies; Dredging; Estuaries; Management (water); Marine Biology - General; Physical Effects; ...2.0384

AN EVALUATION OF THE PRODUCTIVITY CHANGES ASSOCIATED WITH LIMING OF SHERWOOD LAKE, WEST VIRGINIA ...Fish; Lime Treatment; Mineralogical Water Properties; Population Dynamics -general; West Virginia; ...2.0410

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Atomic Plants; Columbia River; Energy Conversion; Fish; Periphyton; Phosphorus and Phosphorus Cpds; Water Pollution Sources; Zinc; ...2.0420

LEAD IN AQUATIC ENVIRONMENTS ...Air Pollution; Estuaries; Industrial Wastes; Lead; Ocean Mixing; Puget Sound; Seasonal Studies; Water Cycle; Water Standards & Baselines; ...2.0425

CONTROL OF PRODUCTIVITY AND POPULATION CHARACTERISTICS IN AQUATIC COMMUNITIES ...Core Analysis; Invertebrate Physiology; Lakes; Rehabilitation -streams -lakes; Sedimentation; ...2.0426

STUDIES ON THE INTERACTIONS OF BACTERIA AND NEMATODES ...Animal Interrelationships -gen; Aquatic Ecology - Animal; Bacterial Pollutant Sources; Invertebrate Physiology; Plant Freshwater Ecology; ...2.0461

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Aquatic Plants -nonspecific; Glaciology; Mineralogical Water Properties; Nutrients; Plant Productivity - general; Sub - Polar Regions; Wild Rivers; ...2.0472

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Arizona; Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; Zooplankton; ...2.0477

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Chlorophyll; Em Radiation; Marine Biology - General; Monolayers; Polarimetry; Reflectance; Survey Studies (water); Water Pollutant Identification; ...2.0499

WESTERN BEAUFORT SEA ECOLOGICAL CRUISE (WEBSEC 9-70) ...Alaska; Bays; Ecological Effects; Marine Biology - General; Oil; Sea Water Chemistry; Ships and Cruises; Water Standards & Baselines; ...2.0537

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS RELATIONSHIPS ...Algae -nonspecific; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology -nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

GEOSECS RADIOCARBON AND TRITIUM MEASUREMENTS ...Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Plant Productivity -general; Sea Water Chemistry; Sea Water Sampling; ...2.0548

PRODUCTIVITY AND MINERAL CYCLING ON NATURAL AND MANIPULATED ECOSYSTEMS ...Analysis of Ecosystems; Forest Watersheds; Nutrients; Plant Succession; Productivity of Terrestrial; ...2.0551

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CA?BON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Gases; Marine Biology - General; Marine Environments; Mass Spectroscopy; Ocean; Organic Water Properties; Particle - Gas Transfer; Radioactivity; Waste Management -see Specific; ...2 0564

GEOSECS - PREPARATIONS R/V KNORR, CONSTRUCTION GFOSECS BUILDING, PROVISION SHIPBOARD EQUIPMENT, AND THE GEOSECS SUMMER INSTITUTES ...Marine Biology - General; Marine Pollution; Ocean Mixing; Plant Productivity -general; Research Facilities; Sea Water Properties; Ships and Cruises; ...2.0621

ZOOPLANKTON BIOMASS AND INCIPIENT EUTROPHICATION IN LAKE SUPERIOR ...Eutrophic Lakes; Eutrophication; Plankton Sampling; Taxonomy -animal; Water Quality -general; ...2.0642

MAYFLY DISTRIBUTION AS A WATER QUALITY INDEX ...Animal Habitat Studies; Environmental Ecology; Mississippi River; Range Or Territorial Distr.; Turbidity (water); Water Quality -general; ...2.0648

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water); Chemical Water Properties; Ohio; Physical Water Properties; River Basins; Systems Analysis - Water Mgmt; Taxonomy -plant; Water Pollutant Identification; ...2.0722

FLORISTIC AND FAUNISTIC SURVEY IN THE CUYAHOGA RIVER WATERSHED ...Algae -nonspecific; Aquatic Ecology - Animal; Fish; Ohio; Plant Freshwater Ecology; River Basins; ...2.0732

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Fish; Hippolyte; Marine Plants; Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

LAKE NUTRIENT STUDY ...Algae -nonspecific; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; Sewage; ...2.0848

GEOSECS - C14 FACILITY AND ANALYSIS OF OCEAN WATER SAMPLES ...Carbon; Marine Biology - General; Plant Productivity -general; Radioactivity; ...2.0849

INFLUENCE OF SEDIMENTATION UPON THE PRODUCTION OF GAME FISHES ...Ecological Effects; Fish Food Organisms; Pollution Effects -see Water; Sediment Yield; Sediments; Turbidity (water); ...2.0881

LIMNOLOGY--NUTRIENT-BIOTIC RELATIONSHIPS IN THE UPLAKE REGION OF BEAVER RESERVOIR ...Benthic Organisms -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds; Phosphorus and Phosphorus Cpds; Plankton; Reservoirs and Impoundments; Water Properties -general; ...2.0961

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Freezing & Below; Low Temp. - But Above 32f; Pinus -nonspecific; Radioisotopes; Soil Moisture; Sprinkler Irrigation; Transpiration and Evap; ...2.1001

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Biological Water Properties; Contamination - Water; Effluents - Waste Water; Management (water); Physical Water Properties; Reservoirs and Impoundments; Water Pollutants - Path of; Water Quality Control -general; ...2.1008

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Cellular Catabolism-see Degrad; Estuaries; Microorganisms -nonspecific; Plankton; Plant Productivity -general; Ponds; Primary Productivity - Plants; Water Pollution Sources; ...2.1069

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Algae -nonspecific; Boating; Fish; Fishing; Mollusca; Recreation; Water Resources; Sewage Lagoons; Waste Water Treatment -general; ...2.1159

PILOT STUDIES IN THE RESTORATION OF THE PHYSICAL ENVIRONMENT OF A STREAM TO MAINTAIN A CLEAN WATER FLORA AND FAUNA ...Filtration; Pilot Plants; Rehabilitation -streams -lakes; Size; Water Quality Control -general; ...2.1462

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Aquatic Plants -nonspecific; Fish; Fishing; Pollution Effects -see Water; Recreation; Water Resources; Spawn Or Nesting Sites; Water Pollution Effects; ...2.1471

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Arkansas; Copepoda; Environmental Ecology; Micropterus Dolomieui; Pathology; Recreation, Outdoor; Water Depth; Water Levels; ...2.1481

EFFECTS OF WATER DIVERSION ON BIOTA AND WATER QUALITY IN THE STATE OF ARKANSAS ...Aquatic Ecology - Animal; Chemical Water Properties; Eutrophication; Physical Water Properties; Population Dynamics -general; Vertebrate Anatomy; ...2.1482

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity - general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

ABUNDANCE AND COMPOSITION OF DEEP AND SHALLOW WATER MACROPLANKTON AND LITTORAL FISH POPULATIONS IN AND ABOUT THE SANTA BARBARA CHANNEL ...Animal Habitat Studies; Biological Effects; Channels; Hippolyte; Osteichthyes -other; Plankton Sampling; Scorpaenidae; ...2.1501

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Amphibious Plants; Biological Effects; Cirripedia; Contamination - Water; Marine Animals; Marine Environments; Petroleum -see Oil; Plant Habitat Studies; ...2.1502

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth

(water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water), Spoil Banks, Water Pollution Sources, ...2.1525

PHARMACEUTICALS RESEARCH ...Coelenterata; Invertebrate Physiology, Sphyraenidae, Toxicology; ...2.1528

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Biochemical Analysis - Tissues; Ecological Effects; Energy Conversion; Environmental Physiology; Pollution Effects - see Water; Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1553

THE EFFECT OF INORGANIC SEDIMENT ON STREAM BIOTA ...Contamination - Water; Invertebrates -nonspecific; Pollution Effects -see Water; Sediments; ...2.1554

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Benthic Fauna; Diatoms (see Also Algae); Energy Budgets; Fish; Marine Plants; New England Province; Oxygen Content (water); Sewage; ...2.1586

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Aquatic Soils; Environmental Changes; Fish; Lakes; Nutrient Studies -animal; Population Dynamics -general; Water Analysis; ...2.1587

EFFECTS OF LIMNOLOGICAL FACTORS ON UPTAKE OF ^{137}CS BY FISH ...Acidity (water); Analysis of Variance; Aquatic Ecology - Animal; Chemical Analysis (water); Lakes; Organic Water Properties; Regression Analysis; ...2.1593

CHRONIC EFFECTS OF HEAVY METALS ON FISH ...Animal Pharmacology; Contamination - Water; Lepomis Macrochirus; Percidae; Pollution Effects -see Water; Radioisotopes -nonspecific; Zinc; ...2.1597

SECONDARY PRODUCTION IN RUNNING-WATER ECOSYSTEMS ...Animal Habitat Studies; Bottom Sampling; Ecological Effects; Management (water); Plant Productivity - general; ...2.1601

RECOVERY FROM ACID POLLUTION IN FOUR STRIP-MINE LAKES ...Acid Mine Drainage; Biological Water Properties; Energy Budgets; Lake Stages; Physical Water Properties; Primary Productivity - Plants; Strip Mines; ...2.1617

WATER QUALITY SURVEYS ...Missouri; River Basins; Water Pollution Effects; Water Quality -general; ...2.1622

AN INVESTIGATION OF THE WATER QUALITY AND PRODUCTIVITY OF POLSON BAY, FLATHEAD LAKE, MONTANA ...Bays; Lakes; Montana; Plant Productivity -general; Water Quality -general; Water Utilization -domestic; ...2.1632

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fish; Industrial Wastes; Marine Animals; Mineralogical Water Properties; Physiological Effects; Zooplankton; ...2.1640

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries; Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

SUBLETHAL INFLUENCE OF POLLUTANTS ON FISH METABOLISM ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Fresh Water; Population Dynamics - general; ...2.1673

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS ...Animal Predation; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Industrial Wastes; Petroleum Industry; Population Dynamics -general; Water Pollutant Identification; ...2.1674

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

EFFECTS OF CHEMICALLY AND BIOLOGICALLY MODIFIED PULPING EFFLUENTS ON THE PRODUCTION OF FISH ...Effluents - Waste Water; Fish and Shellfish, Irrigation; Pollution Effects -see Water; Tides; Water Purification; ...2.1676

EFFECTS OF PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Biological Effects; Contamination - Water; Fish and Shellfish; Oregon; Population Dynamics -general; ...2.1685

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Copepoda; Environmental Ecology; Fish; Marine Animals; Mollusca; Population Dynamics - general; Salinity (water); Thermal Properties; ...2.1693

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Clams; Environment Resistance-animals; Hippolyte; Marine Animals; Marine Pollution; Temperature (water); ...2.1694

EFFECTS OF ELEVATED TEMPERATURE ON SPAWNING AND DEVELOPMENT OF FISHES ...Embryology -basic; Photoperiod; Salinity (water); Sparidae; Temperature (water); ...2.1698

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants; Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

EFFECTS OF TEMPERATURE ON AQUATIC LIFE ...Channels; Fish; Model Studies; Temperature (water); ...2.1712

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

SOME EFFECTS OF THE RECENT INTRODUCTION OF HARD WATER INTO THE WATER SUPPLY RESERVOIR OF CARVIN COVE, VIRGINIA ...Benthic Fauna; Environmental Ecology; Mineralogical Water Properties; Physical Water Properties; Vertical Distribution; Water Pollution Effects; ...2.1747

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

EFFECTS OF MODIFICATIONS ON THE COLUMBIA RIVER ...Benthic Fauna; Commercial Fishing; Electric Power Plants; Environmental Ecology; Salmo Gairdneri; Thermal Pollution; ...2.1758

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ...Clams; Contamination - Water; Electric Power Plants; Environment Resistance-animals; Fish and Shellfish; Heat Recovery, Industrial; Ostreidae (oyster); Temperature (water); ...2.1762

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL, B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Eutrophic Lakes; Model Studies; Nutrients; Physical Water Properties; Primary Productivity - Plants; Statistics; Washington; Water Purification; ...2.1768

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Demand and Use -recreation, Fish; Forecasting - Prediction, Population Dynamics - general; State Government, Survey Studies (water); Water Quality -general; Water Transfer, Wild Rivers, Wildlife -nonspecific; ...2.1940

ORGANIC MATTER RELATIONSHIPS OF SPOIL BANKS ...Forest Litter, Duff & Humus; Quercus; Soil Chemical Properties; Soil Microbiology; Soil pH; ...3.0033

MACRO-FAUNA IN WASTE STABILIZATION LAGOONS ...Animal Habitat Studies, Aquatic Ecology - Animal; Organic Matter; Sewage Lagoons; Waste Water Degradation ...3.0285

ESTUARINE ECOSYSTEMS ...Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Bus; Ecological Effects; Oncorhynchus; Pesticide Action on Animals; Pesticide in Food Chains; Pollution Effects -see Water; Residues in Foods; ...4.0064

CHEMICAL BIOCIDES IN LAKES ...Birds; Chemical Analysis; Ecological Effects; Environmental Ecology; Fish; Lakes; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

PESTICIDE LEVELS IN MIGRATORY BIRDS ...Animal Migration; Birds; Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -nonspecific; ...4.0589

EXPERIMENTAL ENVIRONMENTS ...Animal Habitat Studies; Estuaries; Marine Animals; Pesticide Toxicity in Animals; Protozoa; ...4.0590

FIELD STUDIES OF PESTICIDE EFFECTS ON FISHES ...Bioassay; Environmental Physiology; Methoxychlor; Pesticide Action on Animals; Physiological Effects; ...4.0662

EFFECTS OF DISSOLVED OXYGEN, TEMPERATURE AND POTENTIAL TOXICANTS UPON MACROINVERTEBRATES (NON-ARTHROPODS) ...Aquatic Ecology - Animal; Clams; Gastropoda; Invertebrate Physiology; Temperature (water); ...4.0680

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Carbon; Contamination - Water; DDT; Fish; Pesticide Action on Animals; Pesticide in Food Chains; ...4.0715

POND ECOLOGY AND PRODUCTION AS AFFECTED BY SIMAZINE ...Invertebrates -nonspecific; Pesticide Action on Animals; Pesticide Aquatic Cycling; Simazine; ...4.0720

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Aldrin; Animal Resistance; Cladocera; DDT; Invertebrate Physiology; Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -see Pesticide; ...4.0734

UPTAKE, DEGRADATION, AND RETENTION OF C14-METHOXYCHLOR IN INVERTEBRATE POPULATIONS ...Bioassay; Crustacea; Invertebrate Physiology; Methoxychlor; Pesticide Action on Animals; ...4.0739

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics -general; Water Pollutants - Path of; ...4.0752

COLLABORATIVE RESEARCH IN ENZYME INDUCTION BY CHLORINATED HYDROCARBONS IN BIRDS - ITS ECOLOGICAL SIGNIFICANCE ...Air Pollution -see Specifics; Bioassay; Calification -vertebrate; Chlorinated Hydrocarbons; Falconiformes; Pesticide Action on Animals; Pigeon; ...4.0780

THE INFLUENCE OF PESTICIDES ON MORTALITY RATES OF BIRDS ...Birds; Computer Methods -general; Pelecaniformes; Pesticide Residue Analysis; Pesticides -nonspecific; Population Dynamics -general; ...4.0828

PHYSIOLOGICAL AND BEHAVIORAL EFFECTS OF INSECTICIDES ON CORMORANTS ...Animal Behavioral Ecology; DDE; Fish; Pesticide Action on Animals; TDE; ...4.0844

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Air - Water - Plant Relations; Cesium; Environmental Ecology; Food Contamination; Pollution Effects -see Water; Radioactive Contamination; Radiologic Health; Soil Chemical Properties; ...5.0031

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties; Eastern U. S.; Gramineae; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; Water Cycle; ...5.0032

CONTROLLED ENVIRONMENTAL RELEASE TEST (CERT) PROGRAM ...Air Pollution -see Specifics; Fo c Contamination; Iodine; Radiologic Health; ...5.0035

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Cesium; Contamination - Water; Cyprinidae; Energy Budgets; Plant Ecology -nonspecific; Radioactive Fallout; Reactor Sites & Rad Waste; Strontium; ...5.0038

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Burial; Cooperative Studies; Ecological Effects; Estuaries; Marine Biology - General; Marine Environments; Radioactive Fallout; Water Pollution Sources; ...5.0059

UPTAKE OF RADIACTIVE MATERIALS THROUGH FOOD CHAINS ...Cesium; Food Contamination; Iodine; Strontium; Yttrium; ...5.0066

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Cesium; Environmental Ecology; Invertebrate Physiology; Plant Ecology -nonspecific; Plant Freshwater Ecology; Productivity of Freshwater; Radioactive Pollution -ns; Ruthenium; ...5.0069

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americium; Atomic Plants, Environment; Krypton; Mammals - nonspecific; Radioactive Pollution -ns; River Basins; Water Pollutants - Path of; ...5.0073

SYSTEMS ECOLOGY ...Animal Predation; Computer Methods - general; Energy Budgets; Environmental Ecology; Plant Ecology - nonspecific; Plant Productivity -general; Radioactive Pollution -ns; Reactor Sites & Rad Waste; Systems Analysis; ...5.0074

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

THE ANALYSIS OF NATURAL SYSTEMS ...Absorption (incl. Adsorption); Chlorine; Growth; Mathematical Models; Pesticide in Food Chains; Primary Productivity - Plants; ...5.0082

IRON-55 AND LEAD IN THE HUMAN POPULATION OF THE WORLD ...Food Contamination; Health & Geographic Factors; Lead; Radiologic Health; ...5.0084

VASCULAR PLANT AND RODENT PARAMETERS IN 68 MOJAVE AND GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, SOUTHERN NEVADA, 1962-70 ...Deserts, Arid Lands; Plants; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Vertebrates Excl. Man; ...5.0148

ULTRA-HIGH DOSE RATE RADIOBIOLOGY ...Hydrogen; Muridae; Pollution Effects -see Water; Radioactive Pollution -ns; Radioecology - Plants; ...5.0181

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Atomic Bomb; Colorado; Grasslands; Ochotonidae; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; X and Gamma Rays; ...5.0211

AN EVALUATION OF THE FACTORS INVOLVED IN BIOACCUMULATION OF GAMMA EMITTING RADIONUCLIDES IN WILD DEER ...Animal Habitat Studies; Canidae; Cesium; Cricetidae -other; Odocoileus; Passeriformes; X and Gamma Rays; ...5.0257

ECOLOGICAL AND RADIO-ECOLOGICAL INVESTIGATIONS AT THE AEC SAVANNAH RIVER PLANT ...Amphibians; Animal Migration; Aquatic Ecology - Animal; Energy Budgets; Mammals -nonspecific; Radiation Effects - Biological; Reptiles; ...5.0260

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

BIOLOGY OF THE EASTERN CHIPMUNK, TAMIAS STRIATUS ...Elevation Levels, Altitude; Population Dynamics -general; Sciuridae; Vertebrates Excl. Man; ...5.0375

AEC RADIATION EFFECTS PROGRAM ...Bos; Food Contamination; Radioactive Hazard; Radioactive Isotopes; Radioisotopes - nonspecific; Radiologic Health; ...5.0420

ENVIRONMENTAL INTERACTIONS ...Algae -nonspecific; Animal Succession; Dose Rate, Dose Fractionation; Invertebrate Physiology; Invertebrates; Salinity (water); X and Gamma Rays; ...5.0540

EFFECTS OF RADIATION ON MIGRATORY ORIENTATION OF SALAMANDERS ...Amphibians; Animal Behavioral Ecology; Ponds; Radiation Resistance -animals; ...5.0603

RADIATION STUDIES ON LIVESTOCK UNDER SIMULATED FALLOUT CONDITIONS ...Bos; Radiation Effects; Radioactive Fallout-cf Fallout; Sus; X and Gamma Rays; ...5.0659

FATE AND EFFECTS OF RADIONUCLIDES IN ALASKA ...Alaska; Cesium; Lichenes; Radiation Effects - Biological; Radiologic Health; Strontium; ...5.0736

TERRESTRIAL ANIMAL ECOLOGY ...Cricetidae -other; Environmental Ecology; Population Dynamics -general; Radiation Sensitivity -man; Rodentia -other; ...5.0745

CELLULAR PREDICTORS OF RADIOSENSITIVITY ...Bioindicators; Microorganisms; Plant Food Chains; Radiation; Radiation Sensitivity -man; ...5.0811

RADIOACTIVE TRACER STUDIES OF SOIL AND LITTER ARTHROPOD FOOD CHAINS ...Arthropods; Energy Budgets; Pesticide in Food Chains; Radioactive Contamination; ...5.0816

Animal Succession

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Habitat Studies; Boat Discharges; Forecasting - Prediction; Mathematical Models; New York; Swamps - Marshes; Water Bacteria; Waterfowl -nonspecific; ...2.0693

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling; Chlorine; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics -general; Rural Areas; Size; ...2.0776

EFFECTS OF WATER DIVERSION ON BIOTA AND WATER QUALITY IN THE STATE OF ARKANSAS ...Animal Productivity; Aquatic Ecology - Animal; Chemical Water Properties; Eutrophication; Physical Water Properties; Population Dynamics - general; Vertebrate Anatomy; ...2.1482

COHERENT AREA RESEARCH PROGRAM IN ECOLOGY ...Animal Behavioral Ecology; Eutrophication; Invertebrate Physiology; Poeciliid; ...2.1518

IMPLEMENTATION OF HABITAT ALTERATIONS ...Amphibious Plants; Depth (water); Environmental Ecology; Lakes; Population Dynamics -general; Water Depth, Water Levels; ...2.1534

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Acid Mine Drainage; Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Lakes; Mining Industry; Physical Water Properties; Waste Water Treatment -general; ...2.1551

RECOVERY FROM ACID POLLUTION IN FOUR STRIP-MINE LAKES ...Acid Mine Drainage; Animal Productivity; Biological Water Properties; Energy Budgets; Lake Stages; Physical Water Properties; Primary Productivity - Plants; Strip Mines; ...2.1617

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bays; Ecological Effects; Energy Conversion; Invertebrate Physiology; Long Island Sound; Mollusca; Population Dynamics - general; Temperature (water); Zooplankton; ...2.1638

THE DISTRIBUTION AND DENSITY OF MACROBENTHOS IN LAKE ARLINGTON, TEXAS ...Arthropods; Ecological Effects; Lakes; Range Or Territorial Distr.; Texas; ...2.1724

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Energy Budgets; Plant Competition; Plant Productivity -general; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

ENVIRONMENTAL INTERACTIONS ...Algae -nonspecific; Dose Rate, Dose Fractionation; Invertebrate Physiology; Invertebrates; Salinity (water); X and Gamma Rays; ...5.0540

Annelida

THE ROLE OF SLUDGE WORMS IN PROMOTING EUTROPHICATION ...Animal Productivity; Bays; Eutrophication; Invertebrate Physiology; Lakes; Sewage; Water Bacteria; ...2.0057

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects - see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Animal Productivity; Aquatic Ecology - Animal; Cesium; Copper; Invertebrate Physiology; Phosphorus; Potassium; Temperature (water); Zinc; ...2.0201

TAXONOMY AND BIOLOGY OF SLUDGE WORMS ...Aquatic Ecology - Animal; Brackish Water; Fresh Water; Taxonomy - animal; Water Pollutant Identification; ...2.0507

APPLIED ECOLOGICAL STUDY OF SPRING CREEK, FORT COLLINS, COLORADO ...Invertebrates -nonspecific; Species Diversity, Measurement; Water Pollution Sources; Watersheds; ...2.0522

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

RESEARCH ON THE MACROBENTHOS OF THE GREAT LAKES ...Benthic Fauna; Fish Food Organisms; Lake Erie; Lakes; Population Dynamics -general; Water Pollutant Identification; ...2.0624

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ...Benthic Fauna; Contamination - Water; Environmental Ecology; Missouri; Physical Water Properties; Taxonomy -animal; Water Quality -general; ...2.0659

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth, Water Levels; ...2.1272

THE BIOLOGY OF THE INFAUNA OF A TROPICAL SOFT BOTTOM AREA ...Bays; Echinodermata; Estuaries; Marine Environments; Tropical Regions; ...2.1530

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Atomic Plants; Embryology -basic; Estuaries; Invertebrate Physiology; Marine Animals; Population Dynamics -general; Temperature (water); ...2.1567

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Benthic Fauna; Contamination - Water; Environmental Ecology; Gastropoda; Mollusca; Physical Water Properties; Taxonomy - animal; Water Pollution Sources; ...2.1623

PARASITES OF FRESH-WATER FISHES IN NORTH CAROLINA ...Animal Life History Studies; Copepoda; Lakes; Nets; Ponds; Temperature (water); ...2.1663

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

ORGANIC MATTER RELATIONSHIPS OF SPOIL BANKS ...Animal Productivity, Forest Litter, Duff & Humus, Quercus, Soil Chemical Properties, Soil Microbiology, Soil pH, ...3.0033

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance, Bayer 25141, Cyclodiene Cpds. -nonspecific, Disulfoton, Dyphonate, Gardona, Methomyl, Pesticide Application Rates, Pesticide Phytotoxicity, ...4.0254

EFFECTS OF DISSOLVED OXYGEN, TEMPERATURE AND POTENTIAL TOXICANTS UPON MACROINVERTEBRATES (NON-ARTHROPODS) ...Animal Productivity, Aquatic Ecology - Animal, Clams, Gastropoda, Invertebrate Physiology, Temperature (water), ...4.0680

A STUDY OF THE DEGRADATION RATE OF ALDRIN ...Aldrin, Animal, Dieldrin, Metabolites From Pesticides, Pesticide in Food Chains, Pesticide Toxicity in Animals, Soil Microbiology, ...4.0745

INSECTICIDES AND EGG-SHELL DEPOSITION ...Birds, DDT, Endangered Species, Fish, Lake Michigan, Pesticide in Food Chains, Pesticide Residue Analysis, ...4.0913

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific, Cesium, Environmental Ecology, Invertebrate Physiology, Plant Ecology -nonspecific, Plant Freshwater Ecology, Productivity of Freshwater, Radioactive Pollution -ns, Ruthenium, ...5.0069

Anoxia and Hypoxia

BIOLOGICAL EFFECTS OF CO ON DOGS WITH EXPERIMENTALLY INDUCED MYOCARDIAL INFARCTS (ABBREV) ...Air Pollution -see Specifics, Canidae, Carbon Monoxide, Toxicology, ...1.0246

INITIATE A STUDY AND BEGIN COLLECTION OF DATA ON THE EFFECTS OF IN-VIVO EXPOSURE TO CO ON ERYTHROCYTE METABOLISM ...Air Pollution -see Specifics, Carbon Monoxide, Developmental Physiology, Gases, Ionic Effect, Mammals -nonspecific, Toxicology, ...1.0247

ALTERATIONS IN MYOCARDIAL VASCULATURE IN RELATION TO AMBIENT CO LEVELS AS INDICATED BY CARDIOMORPHOMETRIC TECHNIQUES (ABBREV) ...Air Pollution -see Specifics, Carbon Monoxide, Toxicology, ...1.0255

A REPORT ON THE RELATIONSHIPS AMONG O2 UPTAKE, CO EXPOSURE, O2 CARRYING CAPACITY OF BLOOD AND EXERCISE (ABBREV) ...Air Pollution -see Specifics, Carbon Monoxide, Exercise, ...1.0278

HUMAN ADAPTATION OF CARDIO-PULMONARY FUNCTION TO HYPOBARIC, AQUATIC AND INDUSTRIAL ENVIRONMENTS ...Air Pollution -see Specifics, Environmental Effects - Human, Metabolism & Metab Diseases, Pressure, Temperature & Humidity Effects, ...1.0305

MODIFICATION OF RADIATION RESPONSE IN VITRO ...Cellular Repair Mechanisms, Cricetus, Mammals -nonspecific, Passive Transport, Diffusion, Radiation, Toxic Substances, ...5.0169

CELLULAR AND MOLECULAR STUDIES OF RADIATION DAMAGE AND REPAIR IN CULTURED MAMMALIAN CELLS ...Beta Particles, Cell Injury and Autolysis, Cellular Repair Mechanisms, Cricetus, Radiation, Radiation Sensitivity -man, X and Gamma Rays, ...5.0185

PROTECTION AGAINST RADIATION DAMAGE TO CHROMOSOMES ...Adenosine Triphosphate, Cell Injury and Autolysis, Cellular Repair Mechanisms, Lethal Mutation, Radiation, ...5.0310

BIOCHEMICAL ASPECTS OF ERYTHROPOIESIS IN CHRONIC IRRADIATION ...Cellular Biosynthesis, Dose Rate, Dose Fractionation, Muridae, Radiation, X and Gamma Rays, ...5.0324

STEM CELL PROLIFERATION AND DIFFERENTIATION ...Biochemical Analysis - Tissues, Muridae, Strontium, ...5.0332

RESPONSE OF LIVING CELLS TO HIGH INTENSITY PULSED ELECTRONS AND EXAMINATION OF OXYGEN DIFFUSION KINETICS IN CELLS ...Cancer, Metabolism and Biochemistry, Radiation, Radiation Sensitivity -man, X and Gamma Rays, ...5.0491

DOSE-TIME FACTORS INFLUENCING CELLULAR RADIOSENSITIVITY ...Cell Injury and Autolysis, Mammals -nonspecific, Radiation Sensitivity -man, X and Gamma Rays, ...5.0624

Antarctica

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Boundary Layer Studies, Circulation - Patterns, Heat Balance - Budget, Inversion, Particulates - Air Pollution, Satellites -see Remote Sensing, Snow, Patterns, Weather Data, Wind, ...1.0028

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis, Chemical Composition, Core Analysis, Energy Conversion, Glaciology, Ion Exchange, Particulates - Air Pollution, Technology - Social Impact, ...1.0073

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE ...Activation Analysis, Atmospheric Dynamics, Bromine, Chlorine, Iodine, New Zealand, Trace Elements, Urban Research -general, ...1.0137

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII ...Activation Analysis, Air Pollution, Air Pollution Sampling, Atomic Absorption, Lead, Pacific Ocean, Trace Analysis, ...1.0138

RADIOACTIVITY AND TRACE ELEMENTS IN SURFACE AIR ...Air Pollution Sampling, Atmospheric Dynamics, Hawaii, Lead, Radioactivity, ...1.0745

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Fish, Marine Animals, Marine Environments, Marine Photography - Television, Ocean Circulation -general, Ocean Currents, Pacific Ocean, Radioactivity, Vertical Distribution, ...2.0972

CHLORINATED HYDROCARBONS - PATTERNS AND EFFECTS UPON THE REPRODUCTIVE CAPACITY OF ANTARCTIC PELAGIC SEA BIRDS ...Birds, France, Polar Regions, Polychlorinated Biphenyl Cpds., Procellariformes, ...4.0551

RADIATION SAMPLING IN ANTARCTICA ...Atomic Plants, Energy Conversion, Nuclear Reactors, Spectrographic Techniques, Waste Disposal, Water Pollution Sources, ...5.0810

Anti-transpirants

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics, Bioindicators, By Liquids Or Sprays, Mineral Nutrition, Nicotiana, Pesticide Evaluation, Pesticides -other, Pollutant Resistance, Zea Mays - Field Corn, ...1.0338

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption), Cell and Tissue Permeability, Herbicides and Other Chem, Pesticide Application Rate, Pesticide Phytotoxicity, Pinus (other Specifics), Prunus Cerasus & P. Avium, Soil Moisture, Translocation, Ulmaceae, ...4.0519

FATE OF PESTICIDES ...Absorption (incl. Adsorption), Activated Sludge, Chemical Analysis, D, 2,4-, Degradation -see Pesticide Deg, Diuron, Gas Chromatography, Herbicides and Other Chem, Linuron, Mca-600, Monuron, Parathion, Pesticide Action on Plants, Pesticide Phytotoxicity, Pesticides -see Pesticide, Plant, ...4.1075

Antibiotics -see Pesticides

Actinomycin

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Cellular Biosynthesis, Cucurbita, Endothall, Growth Substances, Nitrogen Metabolism, Pesticide Action on Plants, ...4.0223

BIOCHEMISTRY AND PHYSIOLOGICAL RESPONSE TO IRRADIATION--RADIOSENSITIVITY OF LYMPHOCYTES ...Cellular Repair Mechanisms, Cellular Viability, Muridae, Radiation, Radiation Injury Prevention, Radiation Sensitivity -man, ...5.0111

RADIATION EFFECTS ON CAPILLARIES AND STROMAL ELEMENTS ...Cell Injury and Autolysis, Muridae, Radiation, Radiation Injury Prevention, ...5.0180

Antibiotics -nonspecific

ENTEROVIRUSES IN DEPURATED HARD CLAMS, 'MERCENARIA MERCENARIA' ...Bacteria -nonspecific, Bacterial Population Surveys, Clams, Contamination - Water, Long Island Sound, Shellfish Depuration, Viruses - Animal, ...2.0696

LIVESTOCK WASTE TREATMENT AND DISPOSAL ...Aeration (water), Anaerobic, Wastewater Treatment, Feces, Noise -see Noise, Sewage Lagoons, Waste Disposal on Soils, ...3.0141

ROLE AND FATE OF HERBICIDES ANTIBIOTICS, ETC IN SOILS ...Benzoic Acid Cpds., Herbicides -nonspecific, Loam -see Soil Types, Microorganisms -nonspecific, Nitrosomonas -nonspecific, Pesticide Persistance in Soils, Plant Residues, Humus, Compost, Soil Microbiology, ...4.1051

ABILITY OF ISOLATED KUPFFER CELLS TO POPULATE EXPERIMENTAL GRANULOMAS AND IRRADIATED BONE MARROW ...Carbon, Colloids, Muridae, Radiation Injury Prevention, Radiation, Whole Body, X and Gamma Rays, ...5.0205

ULTRASTRUCTURE CHANGES ASSOCIATED WITH CELL DIFFERENTIATION IN NORMAL AND IRRADIATED ORGANISMS ...Cell Injury and Autolysis, Radiation, Radiation Sensitivity -man, X and Gamma Rays, ...5.0292

Chlortetracycline

CATTLE FEEDLOT WASTE AND AIR AND WATER POLLUTION ..Agricultural Runoff, Animal Wastes - Feed Lots, Bin, Farm Animal Wastes, Hydrographs, Process Design, ..3.0092

Gliotoxin

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ..Allyl Alcohol, Competition Among Thallophytes, Gibberella, Nematocides -nonspecific, Non-symbiotic N-fixation, Pesticide Phytotoxicity, Soil Microbiology, Viridin, ..4.0945

Oligomycin

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ..Adenosine Diphosphate, Cotoran, Glycine, Herbicides and Other Chem, Pesticide Formulation, Toxicity, Phytotoxicity, Triazines -nonspecific, ..4.0215

Patulin

SOIL PRODUCTIVITY AS AFFECTED BY MICROBIAL ACTIVITY IN CROP RESIDUES AND ANIMAL WASTES ..Bioindicators, Crop Residues, Humus, Compost, Soil Chemical Properties, Soil Microbiology, Soil Temp -non-specific, Stubble Mulching, Triticum, ..3.0389

Penicillin

STUDIES ON BONE MARROW IMMUNOLOGIC CELLS IN VITRO AND IN VIVO ..Muridae, Radiation Injury Prevention, Radiation, Lethal Dose, Streptomycin, X and Gamma Rays, ..5.0312

Puromycin

RADIATION-INDUCED MITOTIC DELAY ..Cellular Repair Mechanisms, Echinodermata, Invertebrate Physiology, Invertebrates, X and Gamma Rays, ..5.0567

Rifampin

BASIC ASPECTS OF THE ACTION OF RADIATION ON MICROORGANISMS ..Bacillus Subtilis, Bacteriophage, Cell Injury and Autolysis, Cellular Repair Mechanisms, Microorganisms, Radiation Injury Prevention, Radiation Sources -general, ..5.0595

Streptomycin

HONEY BEE BEHAVIOR AND UTILIZATION ..Citrus, Herbicides -nonspecific, Insects - Beneficial, Microorganisms -nonspecific, Tetracycline, ..4.0535

PHOTODYNAMIC MUTAGENESIS ..Bacteriophage, Escherichia Coli, Microorganisms, Radiation, Reversion Mutation, Ultra Violet Radiation, ..5.0297

STUDIES ON BONE MARROW IMMUNOLOGIC CELLS IN VITRO AND IN VIVO ..Muridae, Penicillin, Radiation Injury Prevention, Radiation, Lethal Dose, X and Gamma Rays, ..5.0312

EFFECTS OF UV ON GENETIC MATERIAL ..Bacteria -nonspecific, Bacteriophage, Cellular Repair Mechanisms, Dose Rate, Dose Fractionation, Radiation, ..5.0684

Terramycin

DETERMINATION OF THE TOXICITY OF TERRAMYCIN TO CATFISHES (REVISED) ..Animal Pharmacology, Ictaluridae, Ictalurus Punctatus, Laboratory Animals, Pesticide Formulation, ..4.0540

Tetracycline

HONEY BEE BEHAVIOR AND UTILIZATION ..Citrus, Herbicides -nonspecific, Insects - Beneficial, Microorganisms -nonspecific, Streptomycin, ..4.0535

PREVENTION OF RADIATION DAMAGE IN BONE ..Cell Injury and Autolysis, Mammals -nonspecific, Radiation Injury Prevention, Radiation Sensitivity -man, X and Gamma Rays, ..5.0236

DERMATOLOGIC REACTIONS INDUCED BY SOLAR RADIATION ..Burns, Cellular Repair Mechanisms, Light-catalyzed, Mechanism Determination, Radiation Injury Prevention, Radiation Sources -general, Ultra Violet Radiation, ..5.0381

Viridin

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ..Allyl Alcohol, Competition Among Thallophytes, Gibberella, Gliotoxin, Nematocides -nonspecific, Non-symbiotic N-fixation, Pesticide Phytotoxicity, Soil Microbiology, ..4.0945

Antioxidants -nonspecific

STUDY OF IRRADIATED AIR POLLUTANTS ON SPREAD FILMS ..Additives, Air Pollution -see Specifics, Gases, Natural Occurring Membranes, Radiation Sources -general, ..1.0370

FUNGICIDAL & FUNGISTATIC PROPERTIES OF ANTI-OXIDANTS AND RELATED COMPOUNDS ..Botrytis, Dusts, Ornamentals, Pesticide Evaluation, Pesticides -other, Zea Mays - Field Corn, ..4.0310

RADIOMIMETIC EFFECT OF DRUGS AND FOOD ADDITIVES ..Allium, Cell Injury and Autolysis, Chemical Mutagenesis, Insecticides -nonspecific, Pathological Physiology, ..5.0033

GERONTOLOGIC CHANGES IN BEAGLES ..Aging, Canidae, Potassium, Radiation Carcinogenesis, Radiation Injury Prevention, Stressors, Physiological, Temperature - Human Body, ..5.0130

Appalachia

HYDROLOGIC INFLUENCES OF STRIP MINING, BEAVER CREEK, KENTUCKY ..Cumberland River, Kentucky, Small Watersheds, Strip Mines, ..2.1670

PAPER AND FIBERBOARD PROCESSES ..Additives, Combustion Air Pollution-gen, Fabrication, Industrial Wastes, Materials, Composite, Pulp and Paper, Solanum, ..3.0407

Appalachian Highlands

Adirondack Province

A STUDY OF THE FACTORS CONTROLLING THE FORMATION OF LARGE NUMBERS OF CONDENSATION NUCLEI IN CLEAN GLOBAL AIR ..Effects, Fog, Haze, Mist, Heat Transmission, New York, Nucleation, Nucleation Physics, Organic Compounds, ..1.0082

Appalachian Plateaus

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ..Agricultural Runoff, Air Pollution Effects, Chemical Analysis, Dieldrin, Fertilizers, Loam -see Soil Types, Natural Recharge, Pesticide Aquatic Cycling, Pesticides -see Pesticide, Rainfall - Runoff Relationship, Sediments, Soil Moisture, Water Pollutants - Path of, ..3.0307

Blue Ridge Province

HYDROLOGY OF THE CRYSTALLINE ROCK SYSTEM IN SOUTHEASTERN STATES ..Alabama, Groundwater, Maryland, Petrology, Piedmont Province, Southeast U. S., Water Quality - general, Water Yield, ..2.1660

New England Province

PLANT PHENOLS AND RELATED ORGANIC COMPOUNDS IN PUBLIC WATER SOURCES, THEIR RELATIONSHIP TO CHLORINATION ..Chlorination, Forest Debris, Phenols, Toxicology, Water Pollution Effects, ..2.0354

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ..Agricultural Watersheds, Deposition-general, Hydraulics, Physical Properties, Sediments, Snowmelt, Suspension, ..2.0406

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN DRINKING WATER ..Food Contamination, Muridae, Potable Water, Viral Pollutant Sources, Water Pollution -see Specifics, Water Supply - general, ..2.0787

OPTIMIZING STRATEGY FOR STATE WATER POLLUTION CONTROL IN THE POST 'PLAN OF IMPLEMENTATION' PERIOD ..Administrative Organizations, Massachusetts, Optimization, Economic, Survey Studies (water), Water Quality Control -general, Water Resources Planning, ..2.1039

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ..Chelation & Complexing, Colloidal Phenomena, Filtration, Fluid Mechanics, Mathematical Models, Rhode Island, Sedimentation, ..2.1411

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ..Nutrients, Sewage, Swamps - Marshes, ..2.1580

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM - Animal Productivity, Benthic Fauna, Diatoms (see Also Algae), Energy Budgets, Fish, Marine Plants, Oxygen Content (water), Sewage, **2.1586**

DATA COLLECTION ECONOMICS FOR WATER POLLUTION CONTROL STUDIES - Data Acquisition, Economic Efficiency, Northeast U. S., Statistics, Water Quality Control -general, **2.1845**

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND - Agricultural Runoff, Chemical Analysis (water), Clay Soils, Environment Accumulation Rates, Erosion, Loam -see Soil Types, Pesticide Movement in Soils, Pesticides - see Pesticide, Sandy Soils -see Soil Type, Sediments, Soil Profile, Thiodan, Vegetables, **4.0116**

Piedmont Province

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS - Air Pollution -see Specifics, Carbon Monoxide, Fire Behavior - Identification, Fire Prevention, Fire Research -see Forest Fire, Forest Environment -general, Forest Litter, Duff & Humus, Pinus Taeda, **1.0043**

VARIABLE SOURCE AREA RUNOFF - Aquifers, Dispersion (water), Forest Watersheds, Hydrographs, Rainfall - Runoff Relationship, Slope, Soil Density, Soil Moisture, Water Table, **2.0113**

FEASIBILITY STUDY OF WATER RESOURCE POLLUTANT IDENTIFICATION BY DIGITAL COMPUTER ANALYSIS OF REMOTE INFRARED SENSOR SPECTRAL INTENSITIES - Aircraft, Remote Sensing, Industrial Wastes, Instrument Services, Man Machine Systems, Optical Detectors, Radiation Detectors, Thermal Pollution, **2.0793**

HYDROLOGY OF THE CRYSTALLINE ROCK SYSTEM IN SOUTHEASTERN STATES - Alabama, Groundwater, Maryland, Petrology, Southeast U. S., Water Quality -general, Water Yield, **2.1660**

NORTHEAST VIRGINIA - Alluvium, Alluvial, Chemical Properties, Environmental Geology, Land Use, Mineralogical Properties, Sands & Gravels, Specific Rock Unit, Urban Planning, Urban Research -general, Waste Disposal on Soils, **2.1839**

DESIGN AND OPERATION CRITERIA FOR AN ANAEROBIC LAGOON FOR SWINE WASTE - Anaerobic Wastewater Treatment, Biochemical Oxygen Demand, Lagoon, Sewage Lagoons, Water Reuse, **3.0113**

PHYSICAL PROPERTIES OF THE SOILS OF VIRGINIA - Atlantic Coastal Plain, Soil Moisture, Soil Profile, Soil Texture, Urban Environment, Waste Disposal on Soils, **3.0329**

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES - Animal Wastes - Feed Lots, Climates -general, Corrosion, Fertilizers, Groundwater, Plant Tissue Analysis -chem, Soil Moisture, Tillage, Cropping Systems, Zea Mays - Field Corn, **3.0368**

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT - Agricultural Runoff, Clay Soils, Dieldrin, Erosion, Lindane, Low Temp - But Above 32F, Management Effects, Pesticide Degradation -see Deg, Pesticide Movement in Soils, Pesticide Volatility, Rain, Runoff (water), Soil Moisture, Water Quality -general, **4.0100**

THE DISPOSITION OF PESTICIDES IN THE SOIL - Atlantic Coastal Plain, Gossypium, Metabolites From Pesticides, Pesticide Degradation -see Deg, Pesticide Movement in Soils, Pesticide Phytotoxicity, Soil Chemical Properties, Soil Microbiology, Trifluralin, **4.0174**

Valley and Ridge Province

POTOMAC RIVER BASIN PROJECT - Alluvium - Alluvial, Drilling and Coring, Groundwater, Mapping, River Basins, Water Table, **2.1117**

NORTH FORK CHICO CREEK WATERSHED RESEARCH - Animal Habitat Studies, Benthic Fauna, Chemical Analysis (water), Fish and Shellfish, Forest Management, Humidity, Mineralogical Water Properties, Plant Habitat Studies, Salmo Gairdneri, Soil Tillage, Tennessee, Wildlife Habitats -see Animal, **2.1716**

Aquaculture

Fish Farming

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS - Annelida, Aquatic Soils, Commercial Fishing, Ictalurus Punctatus, Lake Deposits, Ponds, Stocking of Fish & Shellfish, Tertiary Treatment, Water Depth, Water Levels, **2.1272**

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) - Animal Distribution, Captive Rearing, Clams, Contamination - Water, Environmental Ecology, Invertebrate Physiology, Optical Properties of Water, Pesticides - nonspecific, Spawn Or Nesting Sites, Temperature (water), **2.1516**

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) - Acidity (water), Captive Rearing, Contamination - Water, Environmental Influences, Fish Food Organisms, Molluscs, Pesticide Toxicity to Marinos, Pollution Effects -see Water, Temperature (water), Water Pollution Sources, **2.1517**

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER - Aquatic, Captive Rearing, Energy Conversion, Marine Animals, New York, Temperature (water), Water Utilization -animal, **2.1653**

ENVIRONMENTAL QUALITY STUDY PROJECT - UTILIZATION OF WASTE HEAT - Agricultural Studies -general, Energy Conversion, Heat Recovery, Industrial, Thermal Pollution, Water Utilization -industrial, **2.1721**

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS - Algal Physiology, Degradation -see Pesticide Deg, Energy Conversion, Fish, Heat Recovery, Industrial, Induced Temperature, Organic Water Properties, Phytoplankton, Primary Productivity - Plants, **2.1736**

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT - Animal Productivity, Clams, Contamination - Water, Electric Power Plants, Environment Resistance -animals, Fish and Shellfish, Heat Recovery, Industrial, Ostreidae (oyster), Temperature (water), **2.1762**

Shellfish Farming

ENVIRONMENTAL CONTROL SYSTEM FOR OYSTER FARMING - Chemical Measurements (water), Circulation (water), Delaware, Nutrient Studies -animal, Salinity (water), Spawning & Nesting Sites, Temperature (water), **2.1521**

DEVELOPMENT OF DIET RATIONS FOR CULTIVATION OF SHRIMP AND CRAYFISH - Crayfish, Hippolyte, Marine Animals, Plant Waste Removal, Treatment, Product Development Research, **3.0153**

Aquatic Ecology - Animal

THE CHIRONOMIDAE OF CALIFORNIA - Animal Life History Studies, California, Contamination - Water, Handbooks, Public Health Ecology, Taxonomy -animal, **1.0376**

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY - Chemical Water Properties, Environmental Ecology, Fish Food Organisms, Lake Stages, Pathology, Plankton, Reservoirs and Impoundments, **2.0021**

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE - Acidity (water), Arkansas, Biological Water Properties, Chemical Water Properties, Energy Conversion, Plankton, Reactor Sites & Rad Waste, Thermal Pollution, **2.0023**

RADIONUCLIDE METABOLISM IN AQUATIC ANIMALS - Animal Habitat Studies, Clams, Crayfish, Invertebrate Physiology, Marine Animals, Radiation Effects - Biological, Radionuclides - nonspecific, Temperature (water), **2.0036**

WATER QUALITY AND NUTRIENTS, SACRAMENTO-SAN JOAQUIN RIVER SYSTEM - Animal Productivity, California, Eutrophication, Fish, Nutrients, Organic Water Properties, Plankton, Tides, **2.0041**

FIELD INVESTIGATION OF THE SUBMERSED AQUATIC ENVIRONMENT - Algae - Chlorophyta, Canals, Irrigation, Physical Water Properties, Soil Chemical Properties, **2.0072**

TOXAPHENE CONTAMINATION - ESTUARINE ECOLOGY - Estuaries, Georgia, Pesticides -see Pesticide, Toxaphene, **2.0116**

ECOLOGY OF GREAT LAKES ESTUARIES - Benthic Organisms - nonspecific, Chemical Measurements (water), Circulation (water), Estuaries, Great Lakes -see Specific Lake, Lake Huron, Marine Biology - General, Optical Properties of Water, Plankton, Pollution Effects -see Water, Temperature (water), Water, Wisconsin, **2.0189**

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE - Animal Productivity,

Cesium, Copper, Invertebrate Physiology, Phosphorus, Potassium, Temperature (water), Zinc, 2.0301

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES - Biological Effects, Cooperative Studies, Estuaries, Invertebrates -nonspecific, Mineralogical Water Properties, Nitrogen and Nitrogen Cpds, Size Texture, 2.0210

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI - Acid Mine Wastes, Analysis and Detection, Atomic Absorption, Contamination - Water, Lead, Mine Hydrology, Missouri, Pollution Effects -see Water, Water Pollution Effects, Zinc, 2.0236

NATURAL WATER SYSTEMS IN WESTERN MONTANA - Chemical Water Properties, Montana, Plant Freshwater Ecology, Water Properties -general, 2.0234

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II - Acidity (water), Animal Productivity, Biological Water Properties, Carbon - 14 Dating, Copper Sulfate, Eutrophication, Mineralogical Water Properties, Optical Properties of Water, Pesticide Evaluation, Phytoplankton, Stratification (water), Taxonomy -plant, Zooplankton, 2.0245

AN INVESTIGATION OF APHANIZOMENON FLOS AQUAE, A TOXIC BY-PRODUCT OF EUTROPHICATION - Algae - Cyanophyta, Algal Toxins, Eutrophication, Plant Toxins, 2.0246

INVESTIGATION OF THE MERCURY POLLUTION OF LAKE ERIE AND ITS AQUATIC LIFE - Contamination - Water, Ictalurus Punctatus, Lake Erie, Mercury, Physiological Effects, Pollution Effects -see Water, Stizostedion Vitreum Vitreum, 2.0259

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE - Animal Predation, Cladocera, Eutrophication, New York, Percidae, Plankton Sampling, Primary Productivity - Plants, Zooplankton, 2.0265

EXTENT OF LAKE ONTARIO POLLUTION CAUSED BY THE OSWEGO RIVER - Ecological Effects, Lakes, Marine Environments, Pollution Effects -see Water, Range Or Territorial Distr., Waste Dilution- Self Purifying, 2.0272

ENVIRONMENTAL BIOLOGY - BIOGEOCHEMICAL CYCLING IN ECOLOGICAL SYSTEMS - Estuaries, Eutrophication, Lysimeters, Pesticide Aquatic Cycling, Water Pollutants - Path of, 2.0277

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES - Animal Habitat Studies, Bothidae, Contamination - Water, Energy Conversion, Environmental Physiology, Marine Animals, Pollution Effects -see Water, Radioactivity, Sciaenidae, Spawn Or Nesting Sites, 2.0279

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES - Animal Behavioral Ecology, Animal Productivity, Atomic Plants, Commercial Fishing, Cooperative Studies, Ecological Effects, Energy Conversion, Fish Food Supply -other, Iodine, Iron, Marine Biology - General, Ostreidae (oyster), Pollution Effects -see Water, Water Pollution Sources, Zinc, 2.0280

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH - Animal Productivity, Contamination - Water, Environmental Physiology, Gramineae, Iron, Magnesium, Marine Animals, Marine Plants, Plant Food Chains, Radioactive Fallout-cf Fallout, Rubiaceae, Ruthenium, Salinity (water), Water Cycle, Zinc, 2.0281

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) - Algae -nonspecific, Benthic Flora, Cooperative Studies, Estuaries, Gases, Marine Plants, North Carolina, Plankton Sampling, Radioactivity, Water Pollution Sources, 2.0282

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT - Animal Productivity, Atomic Plants Contamination - Water, Estuaries, Fish, Iron, Marine Animals, Pollution Effects -see Water, Radioactive Fallout-cf Fallout, Statistics, Zinc, 2.0283

SEDIMENT MINERALOGY - Adsorption Capacity, Animal Productivity, Contamination - Water, Environmental Ecology, Marine Biology - General, Mineralogy, Ponds, Vertical Distribution, Zinc, 2.0284

ENVIRONMENTAL INVENTORY, AQUATIC AND TERRESTRIAL, BELEWS CREEK-BELEWS LAKE, N.C. - Chemical Water Properties, Electric Power Plants, Nutrient Studies -animal, Ponds, Power Reservoirs, Pre-impoundment Sites, Water Standards & Baselines, 2.0286

THE IMPORTANCE OF THE FOOD CHAIN IN BOTULISM INTOXICATION AMONG WATERFOWL LAKES AND SLOUGHS OF THE DEVILS LAKE REGION IN NORTH DAKOTA - Animal Productivity, Bacillus Licheniformis, Clostridium Botulinum, Lakes, Pathology, Waterfowl -nonspecific, 2.0299

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT - Animal Behavioral Ecology, Atomic Plants, Contamination - Water, Ecological Effects, Environmental Ecology, Lakes, Population Dynamics -general, Thermal Pollution, 2.0305

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA - Acidity (water), Algal Physiology, Alkalinity (water), Energy-radiation, Lakes, Optical Properties of Water, Oxygen Content (water), Plankton, Plant Succession, Primary Productivity - Plants, Temperature, Tropical Regions, Turbidity (water), 2.0315

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN - Adsorption, Animal Productivity, Aquatic Soils, Benthic Fauna, Caldferns, Columbia River, Estuaries, Fresh Water, Marine Animals, Marine Environments, Marine Photography, Television, Pacific Ocean, Radioactivity, Reactor Sites & Rad. Waste, Scandium, Trace Elements, Water Analysis, Zinc, 2.0320

RADIONUCLIDE CYCLING IN NATURAL POPULATIONS OF AMPHIBIANS - Amphibians, Contamination - Water, Iodine, Manganese, Water Cycle, Zinc, 2.0331

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY - Atomic Plants, Energy Conversion, Heat Recovery, Industrial, Nuclear Power, Plant Freshwater Ecology, Public Utilities, Social Aspects, Thermal Pollution, 2.0332

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA - Absorption (incl. Absorption), Algal Physiology, Animal Productivity, Atomic Plants, Bioindicators, Clams, Contamination - Water, Effluents - Waste Water, Fish, Lower Plants, Reactor Sites & Rad Waste, Water Pollutant Identification, 2.0350

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES - Algal Physiology, Animal Productivity, Chemical Water Properties, Eutrophication, Fish, Nutrients, Phytoplankton, Plant Population Dynamics -gen, Primary Productivity - Plants, Zooplankton, 2.0363

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME - Analysis of Ecosystems, Deciduous Forests, Energy Budgets, Forest Management, Land Use, Microorganisms -nonspecific, Plant Ecology -nonspecific, Plant Productivity -general, Productivity of Terrestrial, River Basins, Systems Analysis - Water Mgmt, Water Resources Planning, 2.0373

RADIOECOLOGY OF THE KUCUK CEKMECE LAGOON - Biological Effects, Contamination - Water, Energy Conversion, Lagoons, Radioactive Isotopes, Sediments, Water Pollutants - Path of, 2.0392

BEHAVIOUR OF CERTAIN RADIONUCLIDES IN THE AQUATIC ECOLOGY OF ISMAILIA CANAL - Aquatic Plants - nonspecific, Canals, Ecological Effects, Radioisotopes, Units - Arab Republic, Water Pollution Sources, 2.0393

THE EFFECTIVENESS OF WATERFOWL IN CARRYING PATHOGENIC MICRO-ORGANISMS - Animal Migration, Pathology, Sewage Bacteria, Temporal Distribution, Waterfowl - nonspecific, 2.0396

LEAD SHOT, ITS SETTLEMENT, OXIDATION, AND AVAILABILITY TO WATERFOWL - Contamination - Water, Corrosion, Deterioration, Lead, Ordinance Materials, Swamps - Marshes, Waterfowl -nonspecific, 2.0397

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS - Amphibious Plants, Biological Water Properties, Mineralogical Water Properties, Pesticides -nonspecific, Plant Freshwater Ecology, Radioisotopes, Springs, Washington, 2.0414

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER - Animal Productivity, Atomic Plants, Columbia River, Energy Conversion, Fish, Periphyton, Phosphorus and Phosphorus Cpds, Water Pollution Sources, Zinc, 2.0420

CONTROL OF PRODUCTIVITY AND POPULATION CHARACTERISTICS IN AQUATIC COMMUNITIES - Animal Productivity, Core Analysis, Invertebrate Physiology, Lakes, Rehabilitation - streams -lakes, Sedimentation, 2.0426

STUDIES ON THE INTERACTIONS OF BACTERIA AND NEMATODES - Animal Interrelationships -gen, Bacterial Pollutant Sources, Invertebrate Physiology, Plant Freshwater Ecology, 2.0461

AQUATIC-BIOTIC COMMUNITY STRUCTURE AS AN INDICATOR OF POLLUTION - Acidity (water), Benthic Fauna, Invertebrates -nonspecific, Pollution Effects -see Water, Species Diversity Measurement, Strip Mines, 2.0469

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Animal Productivity; Aquatic Plants -nonspecific; Glaciology; Mineralogical Water Properties; Nutrients; Plant Productivity -general; Sub - Polar Regions; Wild Rivers; ...2.0472

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; Zooplankton; ...2.0477

ENVIRONMENTAL BIOLOGY OF TOMALES BAY ...Animal Habitat Studies; Bays; Chemical Water Properties; Environment Resistance-animals; Mans Pollutional Activities; Marine Environments; Water Standards & Baselines; ...2.0489

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Em Radiation, Marine Biology - General; Monolayers; Polarimetry; Reflectance; Survey Studies (water); Water Pollutant Identification; ...2.0499

TAXONOMY AND BIOLOGY OF SLUDGE WORMS ...Annelida; Brackish Water; Fresh Water; Taxonomy -animal; Water Pollutant Identification; ...2.0507

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ...Aircraft Remote Sensing; Electric Power Plants; Environmental Ecology; Infrared Radiation; Mapping; Survey Studies (water); Temperature (water); Thermal Pollution; ...2.0524

BEHAVIOR OF STREAM INSECTS ...Animal Behavioral Ecology; Animal Habitat Studies; Animal Migration; Contamination - Water; Drought - Meteorologic; Environment Resistance-animals; Water Pollution Sources; ...2.0529

COMPLETION OF AN ECOLOGICAL SURVEY CRUISE IN THE SOUTHEASTERN CHUKCHI SEA ...Alaska; Aquatic Plants - nonspecific; Marine Biology - General; Oil and Natural Gas - Sulfur; Sea Water Properties; Water Standards & Baselines; ...2.0538

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Brazil; Florida; Marine Plants; Plant Distribution; Plant Population Dynamics -gen; Protozoa; Taxonomy -plant; Water Quality -general; ...2.0542

ST. JOHNS RIVER FISHERY PROJECT ...Animal Habitat Studies; Contamination - Water; Environmental Ecology; Fish and Shellfish; Mans Pollutional Activities; Pollution Effects -see Water; ...2.0543

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Contamination - Water; Fish; Illinois; Invertebrates - nonspecific; Organic Matter; Pollution Effects -see Water; Sediments; ...2.0576

THE ECOLOGY OF DRAKE'S CREEK, KENTUCKY ...Kentucky; Management (water); Survey Studies (water); Water Standards & Baselines; ...2.0596

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - EFFECTS ON INDICATOR ORGANISMS ...Benthic Organisms -nonspecific; Bottom Sampling; Effluents - Waste Water; Mollusca; Water Pollutant Identification; ...2.0597

TAXONOMY AND PHYSIOLOGY OF PROTOZOA IN CAVE STREAMS AND POOLS ...Animal Distribution; Groundwater; Invertebrate Physiology; Optical Properties of Water; Pollution Effects -see Water; Taxonomy -animal; Water Pollution Sources; ...2.0600

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Acidity (water); Contamination - Water; Cyprinodontidae; Mineralogical Water Properties; Temperature (water); Water Pollution Effects; ...2.0613

RESEARCH ON THE MACROBENTHOS OF THE GREAT LAKES ...Annelida; Benthic Fauna; Fish Food Organisms; Lake Erie; Lakes; Population Dynamics -general; Water Pollutant Identification; ...2.0624

ECOLOGICAL MONITORING OF STREAM SYSTEMS ...Benthic Fauna; Channels; Physical Models; Water Pollutant Identification; Water Quality -general; ...2.0629

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

LAKE SUPERIOR PERIPHYTON IN RELATION TO WATER QUALITY ...Animal Interrelationships -gen; Balance of Nature - Plants; Contamination - Water; Fertilizers; Nutrients; Plankton; ...2.0644

MAYFLY DISTRIBUTION AS A WATER QUALITY INDEX ...Animal Habitat Studies; Animal Productivity; Environmental Ecology; Mississippi River; Range Or Territorial Distr.; Turbidity (water); Water Quality -general; ...2.0648

A STUDY OF THE' ECOLOGY OF THE MISSISSIPPI TEST FACILITY ...Aquatic Plants -nonspecific; Chemical Water Properties; Mississippi; Physical Water Properties; Plant Freshwater Ecology; Research Facilities; Water Standards & Baselines; ...2.0654

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Missouri; Physical Water Properties; Taxonomy -animal; Water Quality -general; ...2.0659

TESTACEA (PROTOZOA - SARCODINA) AS INDICATORS OF WATER QUALITY IN WESTERN MONTANA ...Animal Habitat Studies; Bottom Sampling; Periphyton; Protozoa; Water Quality -general; ...2.0662

HEAVY METAL RESIDUES IN CHANNEL CATFISH FROM SELECTED WATERSHEDS IN NEBRASKA ...Contamination - Water; Lead; Nebraska; Watersheds; ...2.0664

POPULATION STUDIES OF MARINE AMPHIPOD CRUSTACEANS ...Amphipoda; Estuaries; Marine Animals; Vertical Distribution; ...2.0669

SURVEY OF LAKE NO. 1, WINSLOW TRACT ...Chemical Analysis (water); Electro-fishing; Lakes; Nets; New Jersey; Water Utilization -animal; ...2.0679

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Demand and Use -recreation; Economic Impact; Lakes; Pollution Effects -see Water; Regional Economics; Urban Environment; Waste Water Treatment -general; Water Quality - general; ...2.0721

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Eutrophic Lakes; Eutrophication; Ohio; Plant Habitat Studies; Reservoirs and Impoundments; Survey Studies (water); Vertical Distribution; ...2.0729

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Biological Water Properties; Chemical Analysis (water); Data Acquisition; Fish; Organic Water Properties; Pollution Effects -see Water; Survey Studies (water); ...2.0731

FLORISTIC AND FAUNISTIC SURVEY IN THE CUYAHOGA RIVER WATERSHED ...Algae -nonspecific; Fish; Ohio; Plant Freshwater Ecology; River Basins; ...2.0732

THE BEHAVIOR OF SMALLMOUTH BASS AS RELATED TO ARTIFICIAL COVER ...Acidity (water); Fish Food Supply - other; Mining Industry; Population Dynamics -general; Water Pollutant Identification; ...2.0762

THE INSECT ORDER PLECOPTERA AS A BIOLOGICAL INDEX OF FRESH WATER QUALITY ...Acidity (water); Contamination - Water; Fresh Water; Organic Water Properties; Rhode Island; Temperature (water); Water Pollutant Identification; ...2.0771

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Bottom Sampling; Chlorine; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics -general; Rural Areas; Size; ...2.0776

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Contamination - Water; Ecological Effects; Fish; Pollution Effects -see Water; Reactor Sites & Rad Waste; Survey Studies (water); Thermal Pollution; ...2.0800

MACROBENTHOS AS INDICATORS OF ECOLOGICAL CHANGE ...Benthic Fauna; Chemical Water Properties; Physical Water Properties; River Basins; Water Pollutant Identification; ...2.0816

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

BOTTOM FAUNA COMPOSITION STUDIES ...Benthic Fauna; Eutrophication; Micropterus Dolomieui; Physical Control; Taxonomy -animal; Virginia; ...2.0833

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Animal Life History Studies; Bays; Contamination - Water; Engineering Structures-general; Estuaries; Fish and Shellfish; Physiological Effects; Water Quality -general; ...2.0846

WATER QUALITY MONITORING STUDIES ...Dams -general; Fish and Shellfish; Monitoring; Population Dynamics -general; Water Quality -general; ...2.0854

BUFFER CAPACITY IN AQUATIC ECOSYSTEMS ...Acidity (water); Alkalinity (water); Biological Water Properties; Mathematical Models; Plant Freshwater Ecology; Water Quality Control -general; ...2.0889

IMPROVEMENT OF QUALITY OF WATER RESOURCES BY A THREE-FOLD ATTACK - ADSORPTION, SEDIMENTATION AND MIXING ...Adsorption; Adsorption Capacity; Flocculation; Pollutant Removal; Process Design; Thermodynamics; Water Pollution Abatement; ...2.0905

STUDIES ON SOUTHEASTERN AQUATIC INSECTS ...Southeast U. S.; Water Quality -general; ...2.0997

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Biological Water Properties; Contamination - Water; Effluents - Waste Water; Management (water); Physical Water Properties; Reservoirs and Impoundments; Water Pollutants - Path of; Water Quality Control - general; ...2.1008

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Chemical Water Properties; Ictalurus Punctatus; Lakes; Lime Treatment; Neutralization; Population Dynamics -general; Stocking of Fish & Shellfish; ...2.1027

ACID WATER TROUT STUDIES ...Acidity (water); Environmental Ecology; Neutralization; Population Dynamics -general; Water Pollutant Identification; Water Table; ...2.1059

NEUTRALIZATION EXPERIMENTS ...Acidity (water); Fish; Lime Treatment; New Jersey; Recreation, Water Resources; ...2.1060

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity; Cellular Catabolism-see Degrad; Estuaries; Microorganisms -nonspecific; Plankton; Plant Productivity -general; Ponds; Primary Productivity - Plants; Water Pollution Sources; ...2.1069

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

LIMESTONE DRUM PRODUCTIVITY STUDY -- POPULATION STUDY ...Acidity (water); Chemical Measurements (water); Contamination - Water; Environmental Ecology; Limestone-general; Population Dynamics -general; Spawn Or Nesting Sites; Stocking of Fish & Shellfish; ...2.1131

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics - general; Reservoirs and Impoundments; Wisconsin; ...2.1133

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Chemical Measurements (water); Chlorination; Effluents - Waste Water; Physical Water Properties; Pollution Effects -see Water; Protozoa; Temperature (water); ...2.1262

THE RATE OF NITROGEN AND PHOSPHORUS STRIPPING FROM SEWAGE LAGOONS BY AQUATIC ANGIOSPERMS ...Absorption (incl. Adsorption); Ceratophyllaceae; Haloragaceae; Nitrogen and Nitrogen Cpds.; Nymphaeaceae; Phosphorus and Phosphorus Cpds; Ranunculaceae; Waste Water Treatment - general; ...2.1304

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

RELATIONSHIPS BETWEEN LOGGING ACTIVITIES AND SALMON PRODUCTION ...Circulation (water); Environmental Ecology; Sediments; Spawn Or Nesting Sites; ...2.1478

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Arkansas; Copepoda; Environmental Ecology; Micropterus Dolomieui; Pathology; Recreation, Outdoor; Water Depth, Water Levels; ...2.1481

EFFECTS OF WATER DIVERSION ON BIOTA AND WATER QUALITY IN THE STATE OF ARKANSAS ...Animal Productivity; Chemical Water Properties; Eutrophication; Physical Water Properties; Population Dynamics -general; Vertebrate Anatomy; ...2.1482

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots; Arkansas; Chemical Analysis (water); Ecological Effects; Eutrophic Lakes; Mineralogical Water Properties; Nutrients; Plankton Sampling; Population Dynamics -general; Zooplankton; ...2.1483

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Biological Effects; Centrarchidae; Cyprinidae; Deltas; Flood Control Planning; Osteichthyes -other; Turbidity (water); ...2.1484

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Core Analysis; Fish and Shellfish; Lumbering -general; Pulp and Paper Wastes; Sedimentation; Temperature (water); Water Pollution Effects; ...2.1496

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Bullheads; Ecological Effects; Environmental Physiology; Marine Animals; Osteichthyes -other; Population Dynamics -general; Temperature Stress; ...2.1498

ECOLOGICAL IMPACTS OF RECLAMATION PROJECTS ...Ecological Effects; Plant Freshwater Ecology; Reservoirs and Impoundments; Water Distribution Systems; ...2.1508

BEHAVIOR PATTERN OF SHAD IN THE VICINITY OF A HEATED EFFLUENT DURING A NO-HEAT PERIOD ...Animal Behavioral Ecology; Electric Power Plants; Tags; Temperature (water); ...2.1515

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Contamination - Water; Environmental Ecology; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Pesticides -nonspecific; Spawn Or Nesting Sites; Temperature (water); ...2.1516

COLUMBIA RIVER THERMAL EFFECTS STUDY ...Columbia River; Environment Resistance-animals; Fish; Forecasting - Prediction; Model Studies; Temperature (water); Thermal Pollution; ...2.1523

BENTHIC COMMUNITIES ...Animal Habitat Studies; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Atomic Plants; Bays; Chemical

Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

THE BIOLOGY OF THE INFAUNA OF A TROPICAL SOFT BOTTOM AREA ...Annelida; Bays; Echinodermata; Estuaries; Marine Environments; Tropical Regions; ...2.1530

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Atomic Plants; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Induced Temperature; Marine Plants; Population Dynamics -general; Thermal Pollution; ...2.1532

INVESTIGATION OF THE EFFECTS OF COMMERCIAL HYDRAULIC CLAM DREDGING ON VARIOUS BOTTOM HABITATS OF SELECTED ESTUARINE AREAS ...Animal Habitat Studies; Benthic Organisms -nonspecific; Clams; Environmental Ecology; Mans Pollutional Activities; Sediments; ...2.1533

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Chemical Water Properties; Estuaries; Georgia; Invertebrates -nonspecific; Physical Water Properties; Pulp and Paper Wastes; Turbidity (water); ...2.1537

THE EFFECTS OF THERMAL LOADING ON THE HAWAIIAN MARINE BIOTA ...Animal Life History Studies; Ecological Effects; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Temperature; Thermal Pollution; ...2.1539

EFFECTS OF SILTATION AND COARSER SEDIMENTS ON DISTRIBUTION AND ABUNDANCE OF STREAM-INHABITING INSECTS ...Deposition-general; Environment Resistance-animals; Sediments; Silting (water) -see Sediment; Size; Turbidity (water); Vertical Distribution; ...2.1542

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Environmental Ecology; Insects - Beneficial; Lumbering - general; Ponds; Range Or Territorial Distr.; Temperature (water); ...2.1543

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Pre-impoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Contamination - Water; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

GREAT LAKES ECOLOGY STUDY ...Chemical Analysis (water); Ecological Effects; Environmental Ecology; Lakes; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1546

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Acid Mine Drainage; Ecological Effects; Environmental Ecology; Lakes; Mining Industry; Physical Water Properties; Waste Water Treatment -general; ...2.1551

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Biochemical Analysis - Tissues; Ecological Effects; Energy Conversion; Environmental Physiology; Pollution Effects -see Water; Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1553

THE EFFECT OF INORGANIC SEDIMENT ON STREAM BIOTA ...Animal Productivity; Contamination - Water; Invertebrates - nonspecific; Pollution Effects -see Water; Sediments; ...2.1554

EFFECTS OF POLLUTION, ESPECIALLY FROM FEEDLOTS, ON FISHES IN THE UPPER NEOSHO RIVER BASIN ...Animal Habitat Studies; Fish; Kansas; Pollution Effects -see Water; River Basins; ...2.1557

EFFECTS OF FEEDLOT RUNOFF ON FISH FOOD ORGANISMS IN THE COTTONWOOD RIVER ...Agricultural Runoff; Bottom Sampling; Fish and Shellfish; Industrial Wastes; Kansas; Water Pollutant Identification; ...2.1558

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - FISH DISTRIBUTION ...Ecological Effects; Environmental Ecology; Industrial Wastes; Vertical Distribution; ...2.1559

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Atomic Plants; Embryology -basic; Estuaries; Invertebrate Physiology; Marine Animals; Population Dynamics -general; Temperature (water); ...2.1567

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Benthic Fauna; Energy Conversion; Estuaries; Fish & Shellfish Biology; Maine; Physical Water Properties; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1568

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Chlorine; Data Acquisition; Effluent-standards; Fish; Population Dynamics -general; Species Diversity Measurement; Water Properties -general; ...2.1577

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Animal Productivity; Benthic Fauna; Diatoms (see Also Algae); Energy Budgets; Fish; Marine Plants; New England Province; Oxygen Content (water); Sewage; ...2.1586

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Animal Productivity; Aquatic Soils; Environmental Changes; Fish; Lakes; Nutrient Studies -animal; Population Dynamics -general; Water Analysis; ...2.1587

EFFECT OF WATER TEMPERATURE AND/OR DISSOLVED OXYGEN REQUIREMENTS ON SELECTED MOLLUSKS ...Environment Resistance-animals; Gastropoda; Invertebrate Physiology; Temperature (water); Thermal Pollution; ...2.1589

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Cellular Catabolism-see Degrad, DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates - nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

TOXIC ACTION OF WATER SOLUBLE POLLUTANTS ON FRESHWATER FISH ...Contamination - Water; Fresh Water; Nitrogen and Nitrogen Cpds.; Physiological Effects; Pollution Effects -see Water; Salmo Gairdneri; ...2.1591

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Iodine; Ms-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

EFFECTS OF LIMNOLOGICAL FACTORS ON UPTAKE OF 137CS BY FISH ...Acidity (water); Analysis of Variance; Chemical Analysis (water); Lakes; Organic Water Properties; Regression Analysis; ...2.1593

MONITOR FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ON LAKE MICHIGAN ...Contamination - Water; Fish; Michigan; Physical Effects; ...2.1595

MONITORING FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ...Ecological Effects; Energy Conversion; Lake Michigan; Nets; Salmonidae; Thermal Pollution; ...2.1596

CONTROLLED TEMPERATURE REGIMES IN OUTDOOR EXPERIMENTAL PONDS ...Energy Conversion; Heat Flow (water); Minnesota; Temperature (water); ...2.1600

SECONDARY PRODUCTION IN RUNNING-WATER ECOSYSTEMS ...Animal Habitat Studies; Animal Productivity; Bottom Sampling; Ecological Effects; Management (water); Plant Productivity -general; ...2.1601

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST. CROIX (ABBREV) ...Electric Power Plants; Environmental Ecology; Fishing; Loss Damages - Recreation; Population Dynamics -general; Temperature (water); Water Pollution Effects; ...2.1603

HEMATOLOGY OF FISH ...Contamination - Water; Fish; Mississippi; ...2.1607

A SURVEY OF THE VERTEBRATES OF THE PEARL RIVER RESERVOIR ...Contamination - Water; Literature Search; Mississippi; Population Dynamics -general; Reservoirs and Impoundments; Vertebrates -nonspecific; ...2.1609

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Construction Industry; Construction Land Use Effects; Consultants, Advisory Services; Ecological Effects; Environment; Pollution Effects -see Water; Systems Analysis - Water Mgmt; ...2.1615

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Creel Census; Environment; Fish; Lakes; Performance; Power Reservoirs; Temperature (water); Temperature - Air; User Patterns; ...2.1620

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Gastropoda; Mollusca; Physical Water Properties; Taxonomy -animal; Water Pollution Sources; ...2.1623

POLLUTED WATERS ...Animal Habitat Studies; Contamination - Water; Fish; Missouri; Water Pollution Effects; Water Quality - general; ...2.1624

POLLUTION INVESTIGATIONS ...Animal Habitat Studies; Bioassays; Contamination - Water; Environmental Physiology; Fish; Law Enforcement; Water Pollution Sources; ...2.1625

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Atomic Absorption; Geochemical Analysis (water); Lead; Precipitation; Water Pollution Effects; Water Purification; Zinc; ...2.1626

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Contamination - Water; Fish; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; Zinc; ...2.1628

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Electro-fishing; Ictalurus Punctatus; Nets; Temperature (water); ...2.1634

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Bays; Ecological Effects; Energy Conversion; Invertebrate Physiology; Long Island Sound; Mollusca; Population Dynamics -general; Temperature (water); Zooplankton; ...2.1638

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Contamination - Water; Fish; Industrial Wastes; Marine Animals; Mineralogical Water Properties; Physiological Effects; Zooplankton; ...2.1640

EFFECTS OF THERMAL AND OTHER FORMS OF POLLUTION ON SOME ANADROMOUS FISHES ...Environment Resistance-animals; Fresh Water; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Salinity (water); Thermal Pollution; ...2.1641

TEMPERATURE REGIMEN IN TIDAL WATERS ...Biological Effects; Ecological Effects; Model Studies; Tides; Water Purification; ...2.1644

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Embryology - basic; Environmental Physiology; Fish Food Supply -other; Micropterus Salmoides; Temperature (water); Water Pollution Effects; Water Quality -general; ...2.1649

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Contamination - Water; Energy Budgets; Estuaries; Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water); Channels; Contamination - Water; Ecological Effects; Organic Matter; Plant Freshwater Ecology; Primary Productivity - Plants; Sewage Treatment Plant; Thermal Pollution; ...2.1658

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

PARASITES OF FRESH-WATER FISHES IN NORTH CAROLINA ...Animal Life History Studies; Annelida; Copepoda; Lakes; Nets; Ponds; Temperature (water); ...2.1663

DISTRIBUTION AND ECOLOGY OF RIVER MOLLUSKS IN CENTRAL AND WESTERN NORTH DAKOTA ...Animal Distribution; Atlantic Ocean; Chlorine; Mollusca; Paleontology; Pollution Effects -see Water; Water Pollution Effects; ...2.1667

FISH OPERCULAR RESPONSE TO ENVIRONMENTAL VARIABLES ...Animal Life History Studies; Carassius Auratus; Environmental Physiology; Minnows; Temperature (water); Water Quality -general; ...2.1668

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Data Reduction and Analysis; Environmental Ecology; Eutrophication; Lake Erie; Plankton; Spawning & Nesting Sites; Stizostedion Vitreum Vitreum; Water Temperature Recoruers; ...2.1672

SUBLETHAL INFLUENCE OF POLLUTANTS ON FISH METABOLISM ...Animal Habitat Studies; Energy Budgets; Fresh Water; Population Dynamics -general; ...2.1673

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS ...Animal Predation; Contamination - Water; Energy Budgets; Industrial Wastes; Petroleum Industry; Population Dynamics - general; Water Pollutant Identification; ...2.1674

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Computer Methods -general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

IMMEDIATE EFFECTS OF LOGGING ON THE FRESHWATER ENVIRONMENT OF SALMONIDS ...Acidity (water); Circulation (water); Forest Debris; Lumbering -general; Population Dynamics -general; Salmonidae; Temperature (water); ...2.1681

EFFECTS OF PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Animal Productivity; Biological Effects; Contamination - Water; Fish and Shellfish; Oregon; Population Dynamics -general; ...2.1685

EFFECTS OF LOGGING ON SALMON POPULATIONS IN COASTAL STREAMS ...Animal Migration; Coastlines - Shorelines; Fish and Shellfish; Forest Watersheds; Lumbering - general; Oregon; Pseudotsuga; ...2.1688

AN EXPANDED PROGRAM OF RESEARCH IN FRESHWATER ECOLOGY ...Animal Habitat Studies; Energy Budgets; Environment Resistance-animals; Fresh Water; Pollution Effects -see Water; Water Pollution Sources; ...2.1689

FISH AND FOOD ORGANISMS IN MINE ACID WATERS OF PENNSYLVANIA ...Acid Mine Drainage; Alkalinity (water); Behavior -vertebrate; Chemical Effects; Fish; Physiological Effects; ...2.1691

ECOLOGICAL PARAMETERS OF THE DEVELOPMENT AND FEEDING HABITS OF SIMULIUM SPP. (BLACK FLIES) ...Animal Pollutant Sources; Ecological Effects; Eutrophication; Fish; Organic Matter; Water Quality -general; ...2.1692

DEPENDENCE OF FISH ON TIDAL MARSHES ...Computer Models; Management (water); Model Studies; Tides; ...2.1695

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Electric Power Plants; Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies; Atomic Plants; Effluents - Waste Water; Environmental Physiology; Invertebrate Physiology; Nuclear Reactors; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1708

WATER POLLUTION INVESTIGATION, BATTLE CREEK, SOUTH DAKOTA ...Benthic Fauna; Ecological Effects; Pollution Effects -see Water; Population Dynamics -general; South Dakota; Water Quality -general; ...2.1710

EFFECTS OF TEMPERATURE ON AQUATIC LIFE ...Animal Productivity; Channels; Fish; Model Studies; Temperature (water); ...2.1712

EVALUATION OF FACTORS AFFECTING SPAWNING OF DALE HOLLOW WHITE BASS ...Environmental Physiology;

Mining Industry; Pollution Effects -see Water; Spawn Or Nesting Sites; Temperature (water); ...2.1714

COAL STRIP MINE WATERSHED DEMONSTRATION--JACKSON COUNTY, ALABAMA ...Alabama; Coal; Strip Mines; Water Pollution Effects; Water Quality -general; ...2.1715

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

HIGH ANALYSIS FERTILIZER INVESTIGATIONS - FISHERIES ...Depth (water); Fertilizers -aquatic; Nutrients; Tennessee; ...2.1718

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

THE DISTRIBUTION AND DENSITY OF MACROBENTHOS IN LAKE ARLINGTON, TEXAS ...Animal Succession; Arthropods; Ecological Effects; Lakes; Range Or Territorial Distr.; Texas; ...2.1724

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF JONES BAY ...Animal Habitat Studies; Bays; Construction Industry; Physical Water Properties; Texas; ...2.1726

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF MOSES LAKE ...Animal Habitat Studies; Censusing; Data Reduction and Analysis; Lakes; Pre-impoundment Sites; Sediments; Texas; ...2.1727

THERMAL STUDY IN WILKES RESERVOIR ...Contamination - Water; Electric Power Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1728

STUDY OF TEMPERATURE EFFECTS IN COOLING WATER BODIES ...Aquatic Plants -nonspecific; Bays; Ecological Effects; Lakes; Plant Freshwater Ecology; Temperature (water); Thermal Pollution; ...2.1734

IDENTIFYING ENVIRONMENTAL QUALITY ATTRIBUTES IN WATER RESOURCES ...Economics -recreation; Environment; Land Use; Modification Effects; Recreation, Water Resources; Social Aspects; Water Resources Development; Wilderness Recreation; ...2.1741

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Catostomidae; Effluents - Waste Water; Manganese; Mining Industry; Pollution Effects -see Water; Sediments; Toxic Minerals; Water Purification; ...2.1746

SOME EFFECTS OF THE RECENT INTRODUCTION OF HARD WATER INTO THE WATER SUPPLY RESERVOIR OF CARVIN COVE, VIRGINIA ...Animal Productivity; Benthic Fauna; Environmental Ecology; Mineralogical Water Properties; Physical Water Properties; Vertical Distribution; Water Pollution Effects; ...2.1747

BIOLOGY OF ANADROMOUS ALOSIDS ...Aging; Contamination - Water; Embryology -basic; Fish & Shellfish Biology; Marine Animals; Spawn Or Nesting Sites; Virginia; ...2.1748

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Atomic Plants; Conflicts; Ecological Effects; Electric Power Plants; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...2.1755

FISH BEHAVIOR AND PHYSIOLOGY ...Animal Migration; Behavior -vertebrate; Engineering Structures-general; Environmental Physiology; Fish & Shellfish Biology; Motivation and Instinct; Pollution Effects -see Water; Sensory & Perceptual Processes; Thermal Pollution; ...2.1761

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties -general; ...2.1763

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Acid Mine Drainage; Bullheads; Environment Resistance-animals; Environmental Physiology; Fish Food Supply -other; Management (water); Pollution Effects -see Water; Water Resources Planning; ...2.1771

PHYSIOLOGICAL EFFECTS OF SUBLETHAL LEVELS OF ACID WATER ON FISH ...Acidity (water); Bullheads; Contamination - Water; Fish & Shellfish Biology; Physiological Effects; Water Pollution Abatement; ...2.1773

IMPACT OF LAGOONS AND SAND BLANKETS ON FISH, AQUATIC LIFE AND WATER EQUALITY ...Benthic Organisms -nonspecific; Fish; Lagoons; Plankton; Sedimentary Structures; Water Quality -general; Wisconsin; ...2.1777

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

THE AQUATIC ENVIRONMENT AND ELECTRICAL POWER GENERATION ...Animal Behavioral Ecology; Ecological Effects; Energy Conversion; Great Lakes -see Specific Lake; Reactor Sites & Rad Waste; Temperature (water); ...2.1781

MEASUREMENT AND MANAGEMENT ASPECTS OF WATER TOXICOLOGY ...Analysis and Detection; Biological Effects; Chemical Analysis (water); Food Contamination; Plant Food Chains; Thermal Pollution; Training Grants, Fellowships; ...2.1793

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Bays; Florida; Social Aspects; Urban Environment; Urban Planning; Urban Research -general; Water Quality -general; Water Resources Planning; ...2.1809

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Chemical Water Properties; Economic Impact; Kentucky; Plant Freshwater Ecology; Regional Economics; Social Aspects; Water Quality -general; ...2.1835

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties - general; Water Transfer; ...2.1870

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Environmental Ecology; Fish & Shellfish Biology; Fishery Development -other; Lake Ontario; Pesticides -see Pesticide; Residues in Foods; Water Depth, Water Levels; Water Resources Planning; ...2.1876

MULTIPURPOSE REGIONAL MARINE SCIENCE CENTER (SEA LAB) ...Agricultural Economics; Economics & Technology; Management; Marketing; Oceanography -general; Water Pollution Effects; ...2.1889

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA ...Administrative Organizations; Federal Government; Law Enforcement; Local Government; Recreation, Water Resources; State Government; Water Conservation -general; Water Resources Planning; ...2.1915

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Recreation, Water Resources; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

EFFECT OF MUNICIPAL SEWAGE PLANT EFFLUENT UPON AQUATIC SNAIL POPULATIONS ...Chlorine; Ecological Effects; Lake Champlain; Mercury; Pollution Effects -see Water; Sewage; ...3.0053

MACRO-FAUNA IN WASTE STABILIZATION LAGOONS ...Animal Habitat Studies; Organic Matter; Sewage Lagoons; Waste Water Degradation; ...3.0283

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Chemical Water Properties; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Dieldrin; Farm Pond; Georgia; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Plant Ecology -nonspecific; ...4.0025

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Algae -nonspecific; Cichlidae; Fish; Methoxychlor; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Water Pollutants - Path of; ...4.0029

MECHANISMS OF PESTICIDE ACCUMULATION IN AQUATIC ORGANISMS ...Animal Pests; Biological Effects; Insecticides - nonspecific; Pesticide in Food Chains; Plant Absorption -other; Pollution Effects -see Water; ...4.0039

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

PRESTICIDE INPUTS AND LEVELS IN MINNESOTA WATERS OF THE LAKE SUPERIOR BASIN ...Contamination - Water; Lake Superior; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0043

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

GROSS EFFECTS OF HEXADECANOL AND PLASTIC SHEET BOTTOMS ON AQUATIC LIFE IN PONDS ...Chemical Water Properties; Environmental Ecology; Linings - Pavings; Physical Water Properties; Ponds; Water Quality -general; ...4.0054

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Animal Productivity; Bos; Ecological Effects; Oncorhynchus; Pesticide Action on Animals; Pesticide in Food Chains; Pollution Effects -see Water; Residues in Foods; ...4.0064

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

FISHERIES UNIT ...Animal Behavioral Ecology; Catostomidae; Cladocera; Mark, Tag Or Capture -other; Pesticides -see Pesticide; Population Dynamics -general; ...4.0066

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds; Chemical Analysis; Ecological Effects; Environmental Ecology; Fish; Lakes; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Aquatic Plants -nonspecific; Carbon; Endrin; Environmental Physiology; Fish; Pesticide Action on Animals; Soil Types -also See Specifics; ...4.0532

PESTICIDES RESEARCH ...Alaska; Chemical Analysis; DDT; Fish; Invertebrates -nonspecific; Pesticides -see Pesticide; Water Pollution Effects; ...4.0534

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Estuaries; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticide Tolerance Rate; Pesticides -nonspecific; Physiological Effects; ...4.0542

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Animal Resistance; Bioassay; Estuaries; Hippolyte; Marine Animals; Pesticides -nonspecific; San Francisco Bay; ...4.0543

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Bioassays; Contamination - Water; Estuaries; Laboratory Animals; Parathion; Physiological Effects; Spawn Or Nesting Sites; ...4.0653

RATES OF PESTICIDE BUILDUP IN SALMONIDS RECENTLY INTRODUCED IN THE GREAT LAKES ...Insecticides -nonspecific; Lake Superior; Marine Pollution; Pollution Effects -see Water; ...4.0661

THE EFFECTS OF METHOXYCHLOR ON PERCH AND FATHEAD MINNOWS ...Bioassay; Minnows; Pesticide Action on Animals; Stocking of Fish & Shellfish; ...4.0678

EFFECTS OF DISSOLVED OXYGEN, TEMPERATURE AND POTENTIAL TOXICANTS UPON MACROINVERTEBRATES (NON-ARTHROPODS) ...Animal Productivity; Clams; Gastropoda; Invertebrate Physiology; Temperature (water); ...4.0680

INFLUENCE OF PROTOZOAN ACTIVITY ON HALOGENATED HYDROCARBON RESIDUES - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Biodegradation; Fresh Water; Invertebrate Physiology; Pesticides -see Pesticide; Protozoa; ...4.0706

THE INFLUENCES OF ENVIRONMENTAL CONDITIONS ON THE TOXICITY OF PESTICIDES ...Bioassays; Fish; Pesticides - nonspecific; Pollution Effects -see Water; Water Pollution Effects; ...4.0708

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Dursban; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; Pesticides -nonspecific; Plant Freshwater Ecology; Temperature (water); Water Quality -general; ...4.0716

EFFECTS OF PARATHION AND MALATHION ON WARM-WATER FISH PONDS ...Ictalurus Punctatus; Malathion; Pesticide Action on Animals; Pesticides -see Pesticide; Temperature (water); ...4.0717

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Aldrin; Animal Resistance; Cladocera; DDT; Invertebrate Physiology; Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -see Pesticide; ...4.0734

MULTIPLE EXPOSURES OF ABATE TO BLUEGILL, LEPOMIS MACROCHIRUS, AND INVERTEBRATES IN WARM-WATER PONDS ...Abate; Contamination - Water; Invertebrates -nonspecific; Pesticide Action on Animals; Temperature (water); ...4.0741

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Canada Goose; Cooperative Studies, Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics - general; Water Pollutants - Path of; ...4.0752

THE UPTAKE OF DIELDRIN IN THE THREE RIDGED NAIAD, AMBLEMA PLICATA ...Dieldrin; Mollusca; Ohio River; Pollution Effects -see Water; Water Pollutant Identification; ...4.0808

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Dursban; Estuaries; Marine Animals; Pesticide Action on Animals; Pesticide Toxicity in Animals; Physical Models; Pollution Effects - see Water; Sevin; ...4.0825

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

CORRELATION OF STRUCTURE VS. ACTIVITY OF POLLUTANTS OF FRESH WATER ...Analysis and Detection; Carbamates -see Pesticides; Fresh Water; Invertebrate Physiology; Pesticide Action on Animals; Water Pollutant Identification; ...4.0839

BIOLOGICAL FACTORS IN THE MANAGEMENT OF LAKE FLIES ...Animal Predation; Benthic Fauna; Biological Control; Lakes; Pesticide in Food Chains; Piscicides -nonspecific; ...4.0914

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

MONITORING OF PESTICIDE LEVELS IN THE GREAT LAKES ...Fish; Great Lakes -see Specific Lake; Lakes; Pesticide Residue Analysis; Pollution Effects -see Water; ...4.1045

SCREENING AQUATIC INVERTEBRATES TO DETECT AN ORGANISM SUITABLE FOR USE IN A MONITORING PROGRAM ...Bioassays; Fish; Invertebrate Physiology; Invertebrates - nonspecific; Monitoring Systems; Pesticides -nonspecific; Water Pollutant Identification; ...4.1054

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...4.1055

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Cesium; Contamination - Water; Cyprinidae; Energy Budgets; Plant Ecology -nonspecific; Radioactive Fallout; Reactor Sites & Rad Waste; Strontium; ...5.0038

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Burial; Cooperative Studies; Ecological Effects; Estuaries; Marine Biology - General; Marine Environments; Radioactive Fallout; Water Pollution Sources; ...5.0059

BIOENVIRONMENTAL AND ECOLOGICAL DATA AND INFORMATION CENTER IN SUPPORT OF BIOENVIRONMENTAL AND RADIOLOGICAL SAFETY FEASIBILITY STUDIES ...Critically Evaluated Info; Data & Statistics Info Storage; Information Science; Plant Ecology -nonspecific; Radiologic Health; Tropical Regions; ...5.0062

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Cesium; Environmental Ecology; Invertebrate Physiology; Plant Ecology -nonspecific; Plant Freshwater Ecology; Productivity of Freshwater; Radioactive Pollution -ns; Ruthenium; ...5.0069

MACRO-NEKTON INVESTIGATIONS OFF THE COLUMBIA RIVER MOUTH ...Engraulidae; Gadidae; Osmeridae; Reactor Sites & Rad Waste; Vertical Distribution; ...5.0086

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic Bomb; Colorado; Grasslands; Ochotonidae; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; X and Gamma Rays; ...5.0211

ECOLOGICAL AND RADIO-ECOLOGICAL INVESTIGATIONS AT THE AEC SAVANNAH RIVER PLANT ...Amphibians; Animal Migration; Energy Budgets; Mammals -nonspecific; Radiation Effects - Biological; Reptiles; ...5.0260

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

EFFECTS OF RADIATION ON MIGRATORY ORIENTATION OF SALAMANDERS ...Amphibians; Animal Behavioral Ecology; Animal Productivity; Ponds; Radiation Resistance -animals; ...5.0603

TERRESTRIAL AND FRESHWATER ECOLOGY: ...Bibliography; Fresh Water; ...5.0734

Aquatic Plants

Amphibious Plants

PHOSPHATE MINING EFFLUENT IN ESTUARINE ECOLOGY ...Contamination - Water; Ecological Effects; Estuaries; Mining Industry; Phosphorus and Phosphorus Cpds; Pollution Effects -see Water; Toxic Minerals; ...2.0292

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Chemical Water Properties; Contamination - Water; Environmental Influences; Mineral Nutrition; Nutrient Studies - animal; Photosynthesis; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines; ...2.0298

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS ...Biological Water Properties; Mineralogical Water Properties; Pesticides -nonspecific; Plant Freshwater Ecology; Radioisotopes; Springs; Washington; ...2.0414

EVALUATION OF WETLAND IMPOUNDMENTS ON STATE-OWNED WILDLIFE AREAS ...Demand and Use -recreation; Management (water); Recreation, Water Resources; Submerged Plants; Water Depth, Water Levels; Wetlands; Wildlife -nonspecific; ...2.0435

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

ECOLOGY AND NITROGEN CYCLE IN A MARINE PLANT COMMUNITY ...Alaska; Bering Sea; Lagoons; Nitrogen Cycle - see Denitrif.; Physiological Effects; Plant Physiological Ecology; Primary Productivity - Plants; ...2.1476

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Biological Effects; Cirripedia; Contamination - Water; Marine Animals; Marine Environments; Petroleum -see Oil; Plant Habitat Studies; ...2.1502

IMPLEMENTATION OF HABITAT ALTERATIONS ...Animal Succession; Depth (water); Environmental Ecology; Lakes; Population Dynamics -general; Water Depth, Water Levels; ...2.1534

AN ECOLOGICAL STUDY OF THE PATUXENT ESTUARY ...Electric Power Plants; Gramineae; Induced Temperature; Physiological Effects; Thermal Pollution; Zizanieae; ...2.1573

PLUMBISM IN MIGRATORY WATERFOWL FROM FOOD CHAIN ACCUMULATION OF LEAD ...Absorption (incl. Adsorption); Animal Migration; Bird Studies -general; Lead; Waterfowl -nonspecific; ...2.1631

A COMPARATIVE STUDY OF THE RESPONSES OF THE AQUATIC WEEDS, ZANNICHELLIA PALUSTRIS & RUPPIA MARITIMA, TO DIFFERENT TEMPERATURES AND SALINITIES ...Forecasting - Prediction; Marine Plants; Potamogetonaceae; Temperature (water); Water Pollution Effects; ...2.1659

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources, Aquatic Soils; Growth; Haloragaceae; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Photoperiodism; Plant Tissue Analysis -chem.; Temperature (water); ...4.0053

WEED CONTROL IN CITRICULTURE ...Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Ves-438; ...4.0277

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Chemical Properties; Eastern U. S.; Gramineae; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; Water Cycle; ...5.0032

Aquatic Plants -nonspecific

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Acid Mine Drainage; Biological Effects; Iowa; Lakes; Oklahoma; Population Dynamics -general; Strip Mines; ...2.0024

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Biological Effects; Erosion; Fertilizers; Freezing & Below; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

FATE OF AQUATIC HERBICIDES IN THE AQUATIC ENVIRONMENT ...Endothall; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Residues; Potable Water; Water Pollutants - Path of; ...2.0127

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

ALLEVIATION OF LAKE POLLUTION BY UTILIZATION OF AQUATIC PLANTS FOR NUTRITIONAL, MEDICINAL OR INDUSTRIAL PURPOSES ...Cultural Control; Mammals -nonspecific; Minnesota; Taxonomy -plant; ...2.0207

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Algae -nonspecific; Aquatic Soils; Ecological Effects; Eutrophication; Hydrocharitaceae; Phytoplankton; Plant Succession; Potamogetonaceae; ...2.0266

EUTROPHICATION - EFFECT OF WEED HARVESTING ...Cultural Control; Eutrophication; Nutrients; Water Quality Control - general; ...2.0338

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Energy Conversion; Heat Recovery, Industrial; Nuclear Power; Plant Freshwater Ecology; Public Utilities; Social Aspects; Thermal Pollution; ...2.0352

BEHAVIOUR OF CERTAIN RADIONUCLIDES IN THE AQUATIC ECOLOGY OF ISMAILIA CANAL ...Aquatic Ecology - Animal; Canals; Ecological Effects; Radioisotopes; United Arab Republic; Water Pollution Sources; ...2.0393

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection; Chemical Water Properties; Growth; Lakes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Stratification (water); Temperature; ...2.0448

MULTIPLICATION OF CLOSTRIDIUM BOTULINUM TYPE E IN THE GREAT LAKES ...Bacterial Exotoxins; Bottom Sampling; Depth (water); Plant Freshwater Ecology; Wisconsin; ...2.0452

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Animal Productivity; Glaciology; Mineralogical Water Properties; Nutrients; Plant Productivity -general; Sub - Polar Regions; Wild Rivers; ...2.0472

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

COMPLETION OF AN ECOLOGICAL SURVEY CRUISE IN THE SOUTHEASTERN CHUKCHI SEA ...Alaska; Marine Biology - General; Oil and Natural Gas - Sulfur; Sea Water Properties; Water Standards & Baselines; ...2.0538

REMOTE SENSING, EVERGLADES AREA, FLORIDA ...Aircraft Remote Sensing; Eutrophication; Florida; Plankton; Population Dynamics -general; Spectral Reflectance; Visible Light; ...2.0550

THE ECOLOGY OF DRAKE'S CREEK, KENTUCKY ...Aquatic Ecology - Animal; Kentucky; Management (water); Survey Studies (water); Water Standards & Baselines; ...2.0596

A STUDY OF THE ECOLOGY OF THE MISSISSIPPI TEST FACILITY ...Aquatic Ecology - Animal; Chemical Water Properties; Mississippi; Physical Water Properties; Plant Freshwater Ecology; Research Facilities; Water Standards & Baselines; ...2.0634

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

UPPER DELAWARE WASTE ASSIMILATIVE CAPACITY MODEL ...Acidity (water); Biological Water Properties; Delaware River; New Jersey; Sewage - Domestic; Waste Disposal-see Solid Waste; ...2.0678

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; Land Use; New York; Plants - Dicotyledons; Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

TISSUE ANALYSIS FOR NUTRIENT ASSAY OF NATURAL WATERS ...Mineralogical Water Properties; Plant Pollutants; Plants - Monocotyledons; Wisconsin; ...2.0859

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

RESPIRATION OF AQUATIC MACROPHYTES IN EUTROPHIC SYSTEMS ...Algae -nonspecific; Eutrophication; Mineral Nutrition; Oxygen Content (water); Primary Productivity - Plants; Water Purification; ...2.1088

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth, Water Levels; ...2.1272

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation, Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

DEMONSTRATION OF THE CHANNEL AERATION PROCESS IN TREATMENT OF SEWAGE ...Aeration (water); Effluents - Waste Water; Nutrients; Sewage; Viral Pollutant Sources; ...2.1310

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Fish; Fishing; Pollution Effects -see Water; Recreation, Water Resources; Spawn Or Nesting Sites; Water Pollution Effects; ...2.1471

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Induced Temperature; Marine Plants; Population Dynamics -general; Thermal Pollution; ...2.1532

AN ECOLOGICAL STUDY OF THE PATUXENT ESTUARY ...Amphibious Plants; Electric Power Plants; Gramineae; Induced Temperature; Physiological Effects; Thermal Pollution; Zizanieae; ...2.1573

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Copper Sulfate; D, 2,4-; Endothall; Fertilizers - aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Aquatic Ecology - Animal; Atomic Absorption; Geochemical Analysis (water); Lead; Precipitation; Water Pollution Effects; Water Purification; Zinc; ...2.1626

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

COAL STRIP MINE WATERSHED STUDY ...Alabama; Coal; Data Acquisition; Engineering Structures-general; Pollution Effects -see Water; Soil Tillage; Strip Mines; Water Quality -general; Watersheds; ...2.1719

STUDY OF TEMPERATURE EFFECTS IN COOLING WATER BODIES ...Aquatic Ecology - Animal; Bays; Ecological Effects; Lakes; Plant Freshwater Ecology; Temperature (water); Thermal Pollution; ...2.1734

EFFECTS OF POLLUTANTS ON SUBMARINE PLANT SYNECOLOGY ...Contamination - Water; Industrial Wastes; Mineralogical Water Properties; Plant Succession; ...2.1749

BIOLOGICAL NITROGEN FIXATION IN LAKES, PHASE II ...Algae - Cyanophyta; Eutrophic Lakes; Eutrophication; Hydrogenation; Nitrogen Metabolism; Water Utilization -plant; ...2.1779

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal; Bays; Florida; Social Aspects; Urban Environment; Urban Planning; Urban Research -general; Water Quality -general; Water Resources Planning; ...2.1809

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan, Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics, Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...D, 2,4-; Dichlobenil; Haloragaceae; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Simazine; ...4.0004

ESTUARINE ECOSYSTEMS ...Animal Productivity; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Algae -nonspecific; Aquatic Ecology - Animal; Cichlids; Fish; Methoxychlor; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Water Pollutants - Path of; ...4.0029

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Biological Effects; Chemical Effects; Herbicides and Other Chem; Metabolism of Algacides; Oxygen Content (water); Ponds; Water Quality -general; ...4.0392

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Carbon; Endrin; Environmental Physiology; Fish; Pesticide Action on Animals; Soil Types -also See Specifics; ...4.0532

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics -general; Water Pollutants - Path of; ...4.0752

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Cell Membrane Permeability; Chlorophyll; Electronic Components; Permeability; Physical Control; Potamogetonaceae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

Floating Plants

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae; Eutrophication; Fertilizers -aquatic; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Potamogetonaceae; ...2.1650

Lower Plants

DYNAMICS OF ALGAE POPULATIONS IN FARM FISH PONDS ...Algae - Cyanophyta; Algal Pollutant Sources; Farm Pond; Phytoplankton; Seasonal Distribution; Taxonomy -plant; ...2.0001

PLANKTON COMMUNITY ECOLOGY IN NORTHEPN CALIFORNIA LAKES ...Benthic Organisms -nonspecific; Energy Budgets; Forest Watersheds; Nutrients; Plant Population Dynamics -gen; Water Bacteria; Zoopiankton; ...2.0033

EXTENT OF LAKE ONTARIO POLLUTION CAUSED BY THE OSWEGO RIVER ...Aquatic Ecology - Animal; Ecological Effects; Lakes, Marine Environments; Pollution Effects -see Water; Range Or Territorial Distr.; Waste Dilution- Self Purifying; ...2.0272

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN ...Aquatic Distribution; Environmental Influences; Phosphorus and Phosphorus Cpds; Phytoplankton; Runoff (water); Taxonomy -plant; Water Quality -general; ...2.0274

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Algal Physiology; Estuaries; Eutrophication; Marine Plants; North Carolina; Phosphorus and Phosphorus Cpds; Phytoplankton; Water Pollutant Identification; ...2.0291

THE AUTECOLOGY OF SOME BLUE-GREEN PLANKTON ALGAE ...Algae - Cyanophyta; Algal Physiology; Algal Pollutant Sources; Environmental Influences; Eutrophication; Primary Productivity - Plants; ...2.0325

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Effluents - Waste Water; Lake Stages; Nutrients; Phytoplankton; Plant Productivity -general; Tertiary Treatment; ...2.0641

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties -general; Water Standards & Baselines; ...2.0701

CLADOPHORA AS RELATED TO POLLUTION IN WESTERN LAKE ERIE ...Algae - Chlorophyta; Algal Pollutant Sources; Contamination - Water; Mulches; Product Development Research; ...2.0726

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Aquatic Ecology - Animal; Eutrophic Lakes; Eutrophication; Ohio; Plant Habitat Studies; Reservoirs and Impoundments; Survey Studies (water); Vertical Distribution; ...2.0729

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

DEVELOPMENT OF A METHOD FOR CHRONIC TOXICITY BIOASSAY USING MARINE PLANKTONIC ALGAE ...Algae - nonspecific; Bioassays; Plant Population Dynamics -gen; Water Pollutant Identification; ...2.0788

MICROFUNGI IN THE WATER, LITTER AND MUD OF A CATTAIL MARSH BORDERING LAKE BUTTE DES MORTS ...Bottom Sampling; Fungal Pollutant Sources; Fungi -nonspecific; Swamps - Marshes; Water Pollution Abatement; Wisconsin; ...2.1139

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Chemical Water Properties; Ecological Effects; Environmental Influences; India; Organic Water Properties; Physiological Effects; ...2.1549

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Estuaries, Eutrophication; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

MARINE FISHERIES - ESTUARINE ALGAL COMMUNITIES ...Animal Interrelationships -gen; Commercial Fishing; Estuaries; Marine Plants; Plant Productivity -general; Salinity (water); Training Grants, Fellowships; Water Standards & Baselines; ...2.1682

MICRO-ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER ...Acid Mine Drainage; Acidity (water); Forecasting - Prediction; Induced Temperature; Phytoplankton; Primary Productivity - Plants; Thermal Pollution; ...2.1772

Riparian Plants

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vcs-438; ...4.0277

RESPONSE OF PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Amino Triazole; Dalapon; Environment Accumulation Rates; Pesticide Evaluation; Pesticide Residues; TCA; ...4.0393

Submerged Plants

GROWTH SUPPRESSION AND REDUCTION IN REGROWTH POTENTIAL OF AQUATIC WEEDS ...Acrolein; Najadaceae; Pesticide Application Rates; Plant Pollutants; Potamogetonaceae; ...2.0071

FIELD INVESTIGATION OF THE SUBMERSED AQUATIC ENVIRONMENT ...Algae - Chlorophyta; Aquatic Ecology - Animal; Canals; Irrigation; Physical Water Properties; Soil Chemical Properties; ...2.0072

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Algal Physiology; Eutrophic Lakes; Mineral Nutrition; Organic Water Properties; Photosynthesis; Plant Epiphytic Relationships; Plant Productivity -general; ...2.0198

EVALUATION OF WETLAND IMPOUNDMENTS ON STATE-OWNED WILDLIFE AREAS ...Amphibious Plants; Demand and Use -recreation; Management (water); Recreation; Water Resources; Water Depth; Water Levels; Wetlands; Wildlife -nonspecific; ...2.0435

INTERACTIONS OF MERCURY WITH AQUATIC AND EDAPHIC ENVIRONMENTS ...Analysis and Detection; Environment; Ion Exchange; Mercury; Photosynthesis; ...2.0595

IMPLEMENTATION OF HABITAT ALTERATIONS ...Amphibious Plants; Animal Succession; Depth (water); Environmental Ecology; Lakes; Population Dynamics -general; Water Depth; Water Levels; ...2.1534

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae; Eutrophication; Fertilizers -aquatic; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Potamogetonaceae; ...2.1650

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vcs-438; ...4.0277

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

Aquatic Soils

DISTRIBUTION OF ORGANICS FROM SALMON DECOMPOSITION ...Alaska; Carbon; Chemical Effects; Estuaries; Nitrogen; Organic Matter; Water Pollutants - Path of; ...2.0011

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Freezing & Below; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Eutrophic Lakes; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

ACCUMULATION OF METALS IN THE AQUATIC FOOD CHAIN IN THE ILLINOIS RIVER ...Analysis and Detection; Bioassays; Illinois River; Plant Food Chains; Water Pollution Effects; ...2.0125

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Eutrophication; Indiana; Lakes; Organic Properties; Synoptic Weather Observations; Temperature - Air; Vertical Distribution; Water Stratification; ...2.0137

THE FACTOR CONTROLLING THE DYNAMICS OF NONIONIC SYNTHETIC ORGANIC CHEMICALS IN AQUATIC ENVIRONMENTS ...Adsorption; Lakes; Pesticide Aquatic Cycling; Primary Productivity - Plants; Soil Chemical Properties; Water Chemistry; ...2.0140

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control - general; ...2.0166

CONTROL OR PREVENTION OF SOIL AND WATER POLLUTION FROM FERTILIZERS ...Groundwater; Microorganisms - nonspecific; Rock - Soil Pollution; Soil Chemical Properties; Soil Microbiology; Water Quality Control -general; ...2.0170

MICROBIAL INTERVENTION IN THE EUTROPHICATION PROCESS ...Algae -nonspecific; Deposits; Eutrophication; Mineralogical Water Properties; Organic Properties; Plant Food Chains; ...2.0177

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Urban Research -general; ...2.0180

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; Water Depth, Water Levels; ...2.0205

RESERVOIR SEDIMENTATION ...Chemical Properties; Model Studies; Physical Properties; Reservoirs and Impoundments; Sedimentation; Soil Chemical Properties; Spillways; ...2.0213

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Chemical Properties; Effects; Harbors; Lo-

cation; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops, ...2.0215

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers, Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Algae -nonspecific; Ecological Effects; Eutrophication; Hydrocharitaceae; Phytoplankton; Plant Succession; Potamogetonaceae; ...2.0366

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties; Contamination - Water; Environmental Influences; Mineral Nutrition; Nutrient Studies -animal; Photosynthesis; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines; ...2.0298

ROLE OF FUNGI & ALGAE IN FORMATION AND HYDROLYSIS OF LAKE ERIE SEDIMENTS ...Algae - Cyanophyta; Aquatic Fungi -nonspecific; Biological Cycles; Cellular Catabolism-see Degrad; Eutrophication; Lake Erie; Sediment Lithification, ...2.0301

BENTHAL SULFIDE RELEASE IN AQUATIC SYSTEMS ...Chemical Analysis -general; Detectors and Sensors; Marine Environments; Oregon; Tidewater Areas; ...2.0317

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography-Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc, ...2.0320

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Carbon; Cellular Catabolism-see Degrad; Eutrophic Lakes; Kinetics; Water Bacteria; ...2.0323

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Bacterial Ecology; Bacterial Population Surveys; Cellular Physiology- Env Eff.; Eutrophication; Lake Deposits; Oregon; Water Bacteria; ...2.0324

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth; Water Levels; ...2.0332

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Chemical Properties; Eutrophication; Geochemical Analysis (water); Mineralogical Water Properties; Nutrients; Organic Properties; Soil Chemical Properties; Water Bacteria; ...2.0336

A STUDY OF SUSPECTED LEAD POISONING OF SWANS AND GEESE ...Animal Pharmacology; Bird Studies -general; Food Supply; Pathology; Rhode Island; ...2.0355

A STUDY TO EVALUATE THE EFFECT OF SILT AND SILT REMOVAL IN A NORTHERN PRAIRIE LAKE ...Eutrophication; Mineralogical Water Properties; Nutrients; Sediments; Silting (water) -see Sediment; Water Poisution Sources; ...2.0364

MERCURY TRANSFORMATIONS IN RIVER BOTTOM SEDIMENTS ...Cellular Catabolism-see Degrad; Mercury; Microorganisms -nonspecific; Sediments; Stream Deposits; Wisconsin, ...2.0438

NITROGEN TRANSFORMATIONS IN LAKE SEDIMENTS ...Eutrophic Lakes; Eutrophication; Lake Deposits; Nitrogen and Nitrogen Cpds.; Nutrients; ...2.0445

MERCURY UPTAKE AND RELEASE BY BOTTOM SEDIMENTS ...Adsorption; Chemical Properties; Chemical Water Properties; Mercury; Physical Water Properties; Soil Chemical Properties; Wisconsin; ...2.0446

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Alabama; Bacterial Ecology; Bays; Coliforms -nonspecific; Marine Pollution; Sewage; Size; Water Pollutant Identification; ...2.0464

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Benthic Organisms -nonspecific; Marine Animals, Marine Environments; Marine Geology; Offshore Oil; Pesticides -nonspecific; Petroleum -see Oil; Zooplankton; ...2.0560

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - EFFECTS ON INDICATOR ORGANISMS ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Bottom Sampling; Effluents - Waste Water; Mollusca; Water Pollutant Identification; ...2.0597

SEDIMENTOLOGY OF LOUISIANA'S ESTUARIES ...Chemical Properties; Drilling and Coring; Louisiana; Nitrogen and Nitrogen Cpds.; Sedimentation; Size; ...2.0604

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Acidity (water); Bottom Sampling; Geochemical Analysis (water); Lakes; Mineralogical Properties; Social Aspects; Soil pH; ...2.0608

DIATOMS IN LAKES AND LAKE SEDIMENTS AS AN INDEX TO ENVIRONMENT ...Core Analysis; Lake Deposits; Literature Search; Paleontology; Pollens -see Air Pollution; Water Standards & Baselines; ...2.0647

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ...Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; New Jersey; Plant Distribution; Temperature (water); ...2.0674

MINERALIZATION OF ORGANIC PHOSPHORUS IN OLIGOTROPHIC LAKE SEDIMENTS ...Aluminum; Catalysts; Chemical Water Properties; Hydrolysis, Esterification; Lime Treatment; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; ...2.0692

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water); Animal Productivity; Chemical Water Properties; Ohio; Physical Water Properties; River Basins; Systems Analysis - Water Mgmt; Taxonomy -plant; Water Pollutant Identification; ...2.0722

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes; Mechanism Determination; Pesticides -see Pesticide; Wisconsin, ...2.0858

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS ...Coastlines - Shorelines; Degradation -see Pesticide Deg; Marine Biology - General; North Carolina; Petroleum -see Oil; Swamps - Marshes; Water Chemistry; ...2.1072

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides, ...2.1124

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth; Water Levels; ...2.1272

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

IMPLEMENTATION OF HABITAT ALTERATIONS ...Amphibious Plants; Animal Succession; Depth (water); Environmental Ecology; Lakes; Population Dynamics -general; Water Depth, Water Levels; ...2.1534

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Atomic Absorption; Bottom Sampling; Chemical Analysis (water); Effluents - Waste Water; Industrial Wastes; Water Pollution Effects; ...2.1563

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Animal Productivity; Environmental Changes; Fish; Lakes; Nutrient Studies - animal; Population Dynamics -general; Water Analysis; ...2.1587

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm

Pond; Fish, Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

BOTTOM SLUDGE ACCUMULATION AND OXYGEN DEMAND IN A POLLUTED ESTUARY ...Environment; Estuaries; Texas; ...2.1729

ENVIRONMENT AND TECHNOLOGY ASSESSMENT ...Costs - see Economics Entries; Government -see Federal Gov.; Social Aspects; Thermal Pollution; Water Pollution -see Specifics; ...2.1912

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Dalapon; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Formulation; Pesticide Residues; Ponds; Typhaceae; ...4.0006

HERBICIDE RESIDUES ...Acrolein; Contamination - Soil; D, 2,4-; Fixed Copper; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Xylene; ...4.0018

PESTICIDE MONITORING PROGRAM LAKE MICHIGAN ...Algae -nonspecific; Environment Accumulation Rates; Fish; Lakes; Pesticide in Food Chains; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0028

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources; Growth; Haloragaceae; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Photoperiodism; Plant Tissue Analysis -chem.; Temperature (water); ...4.0053

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

CHLORINATED ORGANIC CONTAMINANTS IN THE MILWAUKEE RIVER ...Analysis and Detection; Bioassays; Degradation -see Pesticide Deg; Lake Michigan; Organic Water Properties; Polychlorinated Biphenyl Cpds.; ...4.0076

TRANSLOCATION OF PESTICIDES FROM CRANBERRY BOGS TO THEIR SURROUNDINGS ...Ericaceae; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutants - Path of; ...4.0124

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.9185

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Aeration (water); Degradation; Formulations -nonspecific; Herbicides -nonspecific; Metabolites From Pesticides; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; ...4.0518

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Aquatic Plants -nonspecific; Carbon, Endrin; Environmental Physiology; Fish; Pesticide Action on Animals; Soil Types -also See Specifics; ...4.0532

INSECTICIDES AND EGG-SHELL DEPOSITION ...Annelida; Birds; DDT; Endangered Species; Fish; Lake Michigan; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0913

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analysis; D, 2,4-; Diazinon; Gas Chromatography; Malathion; Methoxychlor; Ponds; Thin Layer Chromatography; ...4.1061

Aquifers

THE GEOLOGY, HYDROLOGY AND CONTAMINATION OF SHALLOW COASTAL AQUIFERS IN THE ROCKINGHAM DISTRICT, WESTERN AUSTRALIA ...Australia; Coastlines - Shorelines; Geology -general; Soil Tillage; Water Quality -general; ...2.0026

VENTURA CALIFORNIA COOP ...Fresh Water; Groundwater Basins; Mapping; Marine Geology; Ocean Profiles; Salinity; Seismology; Tectonic History - Mountains; ...2.0038

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Carbonates; Chemical Effects; Forecasting - Prediction; Groundwater Movement; Mass Transfer; Nuclear; Petrology; Seismology; Water Pollutants - Path of; ...2.0062

GEOLOGIC INVESTIGATIONS, NEVADA TEST SITE ...Alluvium - Alluvial; Borehole Geophysics; Faults - Geology; Nevada; Water Table; ...2.0070

AN ANOMALOUS OCCURRENCE OF SALINE WATER IN THE FLORIDAN AQUIFER ...Borehole Geophysics; Florida; Gamma Radiation; Geophysical Analysis; Saline Water Intrusion; Water Wells; ...2.0106

SALINE WATER POLLUTION OF POTABLE WATER SUPPLIES THROUGH DEEP ARTESIAN WELLS ...Environmental Changes; Groundwater; Mans Pollutional Activities; Saline Water Intrusion; Water Wells; ...2.0107

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Eocene Epoch; Georgia; Groundwater Movement; Lithology; Natural Recharge; Petrology; Specific Rock Unit; Water Table; ...2.0112

VARIABLE SOURCE AREA RUNOFF ...Dispersion (water); Forest Watersheds; Hydrographs; Piedmont Province; Rainfall - Runoff Relationship; Slope; Soil Density; Soil Moisture; Water Table; ...2.0113

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Biological Water Properties; Chemical Water Properties; Chlorine; Drainage; Fertilizers; Irrigation; Mineralogical Water Properties; Soil Chemical Properties; Temperature (water); Water Quality -general; ...2.0120

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AS AFFECTED BY IRRIGATION ...Chemical Analysis (water); Fertilizers; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.0121

EVALUATION OF THE MAGOTHY AQUIFER - ANNAPOLIS AREA, MARYLAND ...Drilling and Coring; Management (water); Model Studies; Saline Water Intrusion; Size; Water Resources Development; ...2.0169

THE TRANSIENT BEHAVIOR OF RECHARGE-DISCHARGE AREAS IN REGIONAL GROUND WATER SYSTEMS ...Groundwater Basins; Industrial Wastes; Mathematical Analysis; Recharge (water); Water Pollution Sources; ...2.0175

POLLUTION STUDIES OF THE REGIONAL OGALLALA AQUIFER AT PORTALES, NEW MEXICO ...Bacterial Pollutant Sources; Coliforms -nonspecific; New Mexico; Pseudomonas; Sewage Bacteria; ...2.0254

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Chemical Water Properties; Drilling Operation; Groundwater; Iron; Pennsylvania; Underground Workings; Water Table; ...2.0340

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Chemical Water Properties; Data Reduction and Analysis; Geology -general; Hydraulics; Texas; Water Pollution Sources; Water Supply -general; Water Wells; ...2.0375

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Atrazine; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Bacterial Pollutant Sources; Herbicides - nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Pliocene Epoch; Silting (water) -see Sediment; Water Bacteria; Water Pollution Sources; ...2.0386

UNSTEADY FLOW OF GROUNDWATER--DISPERSION AND SALT WATER INTRUSION IN NON-HOMOGENEOUS MEDIA ...Dispersion (water); Fluid Mechanics; Physical Models;

Recharge (water); Recharge Pits - Wells (water); Saline Water Intrusion; Water Wells; ...2.0450

RADIOCARBON AS A TRACER IN GROUND WATER PROBLEMS ...Carbon - 14 Dating; Groundwater Movement; Permeability; Radioisotopes; Recharge (water); Waste Disposal-see Solid Waste; ...2.0475

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Chemical Analysis (water); Cooperative Studies; Estuaries; Geology -general; River Basins; Soil Tillage; Water Depth, Water Levels; Water Table; Wind; ...2.0558

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo.; Chemical Analysis (water); Environmental Geology; Hydrographs; Land Use; Soil Tillage; Water Quality -general; Water Table; Water Wells; ...2.0570

SAND AND GRAVEL AQUIFERS OF NORTHEASTERN ILLINOIS ...Artificial Recharge; Illinois; Size; Surficial Geology Studies; Water Resources Development; ...2.0579

DIGITAL COMPUTER MODELING OF LIMESTONE GROUNDWATER SYSTEMS ...Computer Models; Forecasting - Prediction; Groundwater Basins; Limestone-general; Mathematical Models; Water Pollutants - Path of; Water Wells; ...2.0601

WATER RESOURCES OF THE BOWLING GREEN AREA, KENTUCKY ...Cooperative Studies; Floods; Groundwater Movement; Land Use; Water Resources Planning; Water Supply -general; ...2.0602

WATER RESOURCES OF COPIAH COUNTY ...Chemical Analysis (water); Geophysical Analysis; Groundwater; Groundwater Basins; Mississippi; Water Quality -general; Water Table; ...2.0649

WATER RESOURCES OF RANKIN COUNTY ...Groundwater; Mississippi; Water Supply Augmentation; Water Wells; ...2.0650

UTILIZATION OF THE STORAGE POTENTIAL OF RIVER VALLEY AQUIFERS ...Data Reduction and Analysis; Infiltration; Nebraska; Recharge (water); River Basins; Water Quality -general; Water Storage; ...2.0665

CHEMO-DYNAMICS OF LIMESTONE GROUNDWATER ...Chemical Analysis (water); Geochemical Analysis (water); Groundwater; Groundwater Movement; Limestone-general; Model Studies; Water Quality Control -general; ...2.0766

GEOHYDROLOGY OF SHALLOW AQUIFERS IN HENRY AND WEAKLEY COUNTIES, TENNESSEE ...Chemical Analysis (water); Geophysical Analysis; Permeability; Tennessee; Water Wells; ...2.0803

GEOCHEMISTRY OF WATERS OF THE HOG CREEK BASIN - HAMILTON, CORYELL, AND BOSQUE COUNTIES, TEXAS ...Agricultural Runoff; Animal Pollutant Sources; Chemical Water Properties; Geology -general; Plant Pollutants; Soil Fertility; Texas; ...2.0826

ADVANCE WARNING OF GROUND-WATER POLLUTION HAZARDS, WITH SPECIAL REFERENCE TO AQUIFERS IN GLACIAL OUTWASH ...Geophysical Analysis; Groundwater; Stratification (water); Water Pollutant Identification; ...2.0842

SALT-WATER ENCROACHMENT IN THE BRUNSWICK AREA, GEORGIA ...Brackish Water; Chlorine; Georgia; Saline Water Intrusion; Water Quality Control -general; Water Table, Water Wells; ...2.0890

EVALUATION OF PUMPING EFFECTS IN MALAGA BEND AREA, NEW MEXICO ...Brines; Desalination; New Mexico; Saline Water Intrusion; Seepage (water); Water Table; ...2.0920

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Chemica Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics: Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation general; Water Reuse; ...2.0922

FACTORS AFFECTING MINE DRAINAGE AND THE GROUND WATER INTERACTIONS IN SELECTED AREAS OF WESTERN PENNSYLVANIA (PART 2) ...Acid Mine Drainage; Chemical Analysis (water); Groundwater; Groundwater Movement; Pennsylvania; Strip Mines; ...2.0938

REHABILITATION OF A BRINE-POLLUTED AQUIFER ...Agricultural Studies -general; Arkansas; Brines; Fluid Properties; Irrigation, Water Pollution Abatement; Water Utilization - domestic; ...2.0962

ANALYSIS OF MOUND GEOMETRY UNDER A RECHARGE BASIN ...Artificial Recharge; Groundwater Recharge-see Rechg; Ponds; Rain Amount; Water Table; ...2.0974

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

EVALUATION OF C-14 DATING OF GROUND WATER ...Carbon; Geochemical Analysis (water); Groundwater; Radiologic Warfare; Water Pollution Sources; ...2.0992

USE OF THE BOULDER ZONE FOR WATER STORAGE AND/OR FOR WASTE DISPOSAL ...Disposal; Florida; Soil Tillage; Treatment; Waste Disposal, Underground; Water Storage; ...2.0996

INVESTIGATION OF PERMEABILITY OF FINE GRAINED GLACIAL SEDIMENTS IN RELATION TO WASTE DISPOSAL IN ILLINOIS ...Drainage; Illinois; Land Use; Permeability; Till; Water Quality Control -general; ...2.1006

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Irrigation Engineering; Recharge Pits - Wells (water); Soil Profile; ...2.1026

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Cultural Control; Eutrophication; Landfill; Nutrients; Sanitary Landfills; Waste Disposal-see Solid Waste; ...2.1047

RECLAMATION OF POLLUTED FRESHWATER AQUIFERS BY PURGING ...Computer Models; Mapping; Simulation Theory; Water Pollutant Identification; ...2.1083

DISPERSION AND SALT WATER INTRUSION IN NON-HOMOGENEOUS POROUS MEDIA ...Engineering Mechanics; Fluid Mechanics; Saline Water Intrusion; ...2.1137

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Dispersion (water); Geochemical Analysis (water); Idaho; Quaternary Period; Structural Analysis - Geology; Tertiary Period; Water Cycle; Water Pollution Sources; Water Storage; ...2.1240

PILOT SCALE INVESTIGATIONS OF WELL RECHARGE USING CORED SAMPLES ...Cambrian Period; Effluents - Waste Water; Injection Wells; Sandstones; Sewage; Waste Water Treatment -general; ...2.1254

ADVANCED WASTE TREATMENT FOR WATER RECLAMATION AND REUSE BY INJECTION ...Effluent-standards; Groundwater; Optimization, Economic; Water Reuse; ...2.1347

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

ENVIRONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT ...Erosion; Landfills -see Water Pollution; Recharge (water); Septic Tanks; Surficial Geology Studies; Vermont; Water Table; ...2.1437

BACTERIAL ADSORPTION ON SOILS ...Adsorption; Bacterial Pollutant Sources; Forecasting - Prediction; Recharge (water); Soil Moisture; Water Pollutants - Path of; Water Wells; ...2.1737

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1823

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METPOPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

A STUDY OF LAND DISPOSAL OF SPENT SULFITE LIQUOR AT BADGER PAPER MILLS, INC., PESHTIGO, WISCONSIN ...Landfill; Limestone-general; Pulp and Paper Wastes; Water Pollutants - Path of; Wisconsin; ...3.0345

FATE OF POLLUTANTS IN GROUND WATER ...Groundwater; Pesticides -see Pesticide; Texas; Water Wells; ...4.0062

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

Arachnida

APPLE INSECTS ...Acaricides -nonspecific; Insecticides -nonspecific; Liquids Or Sprays; Pesticide Evaluation; Population Dynamics -general; Taxonomy -animal; ...4.0209

PEST CONTROL OF AVOCADO ...Chlorphenamidine; Domestic Animals; Furadan; Insects - Beneficial; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

BIOLOGY AND CONTROL OF INSECT AND OTHER PESTS OF CUT FLOWERS ...Acaricides -nonspecific; Azodrin; Chrysanthemum, Fungicides -nonspecific; Methomyl; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; ...4.0258

CHEMICAL CONTROL OF MITES AFFECTING CITRUS ...Acaricides -nonspecific; Citrus; Pesticide Application Rates; Pesticide Evaluation; Pesticide Phytotoxicity; Pesticides Compatibility; ...4.0262

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. -(1 Or ; Fore ; Kelthane; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

CHEMICAL CONTROL OF MITES ATTACKING CITRUS ...Acaricides -nonspecific; Citrus; Pesticide Application Rates; Pesticide Evaluation; Pesticide Phytotoxicity; Pesticides Compatibility; ...4.0276

PETROLEUM OILS AS CITRUS TREE SPRAYS IN FLORIDA ...Liquids Or Sprays; Pesticide Application Rates; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; ...4.0278

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Azodrin; Compositae; Ericaceae; Pesticide Application Rates; Pesticide Phytotoxicity; Supracide; Temperature - Air; ...4.0332

INSECTS AFFECTING THE APPLE ...Animal Life History Studies; Biological Control; Guthion; Insect Chemosterilants -ns.; Monitor; Pesticide Evaluation; Pesticide Phytotoxicity; Torak; ...4.0334

CHEMICAL CONTROL OF ORCHARD INSECTS ...Acaricides -nonspecific; Dusts; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0343

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds. -nonspecific; Phosvel; Population Dynamics -general; Torak; ...4.0347

PESTICIDES AND GROWTH REGULATORS FOR FRUIT CROPS ...Acaricides -nonspecific; Concentrates; Economics of Chemical Control; Liquids Or Sprays; Pesticide Phytotoxicity; Prunus Ceracus & P. Avium; Temperature - Air; ...4.0361

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Azodrin; Dusts; Gc 6506; Granules, Capsules; Hercules 13462; Methomyl; Pesticide Phytotoxicity; Plant Population Dynamics -gen; ...4.0383

SURVEY OF NEW COMPOUNDS AND MIXTURES FOR BIOLOGICAL ACTIVITY ...Acer Species; Concentrates; Liquids Or Sprays; Pesticide Evaluation; Pesticide Safety Measures; Pyrethrum; Sbp 1382; ...4.0397

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Arthropods; Ethion; Organophosphorous Cpds.; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Trithion; ...4.0403

CONTROL OF ORCHARD MITES IN WESTERN NEW YORK ...Acarol; Demeton; Kelthane; Pcs 1301; Petroleum Cpds. -nonspecific; Trithion; ...4.0414

INTEGRATED CONTROL OF INSECT AND MITE PESTS OF APPLE ORCHARDS ...Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0441

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Formetanate; Guthion; Imidan; Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS ...Aliphatic Carbamates; Bacillus Thuringiensis; Chlorphenamidine; Furadan; Methomyl; Pesticide Application Equip.; Pesticide Residues; Thuricide; ...4.0444

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan; Liquids Or Sprays; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone; Prunus Domestica; Residues in Foods; ...4.0455

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF NUT CROPS ...Animal Life History Studies; C-2307; Guthion; Pesticide Evaluation; Plictran; ...4.0456

PESTICIDE APPLICATION COSTS AND CHEMICALS FOR PEST CONTROL ON FRUIT ...Acaricides -nonspecific; Concentrates; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Application Rates; Petroleum Cpds. -nonspecific; ...4.0466

BIOLOGY AND CONTROL OF ARTHROPODS ON APPLES ...Acaricides -nonspecific; Animal Life History Studies; Biological Control; Chlorphenamidine; Monitor; Pesticide Evaluation; Phosalone; ...4.0475

LABORATORY SCREENING OF INSECT CONTROL MATERIALS, BROWNSVILLE ...Bioassay; Foreign Agriculture; Formulations -nonspecific; Insecticides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0483

INSECTICIDES AS RELATED TO COTTON INSECT CONTROL ...Aliphatic Carbamates; Animal Resistance; Gc 6506; Gossypium; Granules, Capsules; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0492

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

INTEGRATED CONTROL OF PEACH INSECT PESTS ...Animal Distribution; Biological Control; Guthion; Pesticide Evaluation; Population Dynamics -general; ...4.0546

BIOLOGICAL AND INTEGRATED CONTROL OF ARTHROPOD PESTS ...Animal Migration; Biological Control; Herbicides -nonspecific; Insects - Beneficial; Phaseolus; Rain; ...4.0605

EFFECTS OF PESTICIDES ON NON-TARGET ORGANISMS ...Animal; Dieldrin; Pesticide in Food Chains; Pesticide Residue Analysis; Scophulariaceae; ...4.0667

BIOLOGICAL AND INTEGRATED CONTROL OF COTTON INSECTS ...Animal Habitat Studies; Biological Control; Gossypium; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; ...4.0690

EFFECT OF CHEMICALS ON BENEFICIAL INSECTS ...Biological Control; Granules, Capsules; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Population Dynamics - general; ...4.0692

EFFECT OF PESTICIDES ON INSECT PARASITES AND PREDATORS ...Insecticides -nonspecific; Insects - Beneficial; Pesticide Action on Animals; Pesticide Evaluation; Pesticides - nonspecific; ...4.0743

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates; Biological Control; Chlorinated Hydrocarbons; Dimethoate; Meta - Systox; Pesticide Evaluation; Sevin; ...4.0809

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS IN THE MID-COLUMBIA AREA ...Animal Life History Studies; Biological Control; Imidan; Omite; Pesticide Evaluation; ...4.0829

EFFECTS OF PESTICIDES ON INSECTS, MITES, AND PREDACEOUS ARTHROPODS IN APPLE ORCHARDS ...Foreign Agriculture; Insects - Beneficial; Pesticide Action on Animals; Pesticide Toxicity in Animals; Population Dynamics - general; Temperature - Air; ...4.0838

PARASITES OF POULTRY, BIOLOGY, DISTRIBUTION AND CONTROL ...Aerosols - Smokes, Fogs, Steam; Chloropropylate; Neo-pynamin; Pesticide Evaluation; ...4.0841

BIOLOGY AND CONTROL OF ARTHROPODS ON SOYBEANS ...Aliphatic Carbamates; Biological Control; Insect Resistance; Methomyl; Pesticide Evaluation; Population Dynamics -general; ...4.0843

SYSTEMIC INSECTICIDE RESEARCH ON MISCELLANEOUS INSECTS AND SPIDER MITES OF COTTON ...Animal Resistance; Azodrin; Fertilizers; Granules, Capsules; Pesticide Action on Plants; Pesticide Formulation; ...4.0864

CONTROL OF MITES AND INSECTS ON FRUIT TREES ...Acaricides -nonspecific; Bioassay; Chlorphenamidine; Omite; Plictran; ...4.0879

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT AND MITE PESTS OF APPLE ...Acaricides -nonspecific; Biological Control; Gardona; Insects - Beneficial; Phosalone; Torak; ...4.0896

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Biological Control; Chlorphenamidine; Gardona; Insects - Beneficial; Liquids Or Sprays; Oxthioquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

NORTHWEST TREE FRUIT INSECTS ...Acaricides -nonspecific; DDT; Insect Resistance; Invertebrate Physiology; Pesticide Action on Animals; Pesticide Residues; Radiation Sources -general; ...4.0993

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Animal; Chlorobenzilate; Ddvp; Diazinon; Herbicides and Other Chem; Pesticide Action on Animals; Plant; Translocation; ...4.1066

PESTICIDE RESIDUE ANALYSIS, KERRVILLE ...Aerosols - Smokes, Fogs, Steam; Ciodrin; Dursban; Lindane; Pesticide Rates -general; Ronnel; ...4.1124

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING STONE FRUITS ...Baygon; Liquids Or Sprays; Pesticide Evaluation; Petroleum Cpds. -nonspecific; Rosaceae; Yeasts - nonspecific; ...4.1128

RADIATION CHEMICAL STUDIES ON HEMOCYANINS ...Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0591

RADIOACTIVE TRACER STUDIES OF SOIL AND LITTER ARTHROPOD FOOD CHAINS ...Animal Productivity; Arthropods; Energy Budgets; Pesticide in Food Chains; Radioactive Contamination; ...5.0816

Architecture and Design

WATER AND THE CITIES ...Inventories; Recreation, Water Resources; Urban Environment; Water Cycle; Water Pollution Abatement; ...2.1846

FUNDAMENTAL STUDIES OF COMPREHENSIVE DISTRICT PLANNING IN URBAN AREAS ...Public Utilities; Urban Environment; Urban Research -general; Water Supply Facilities; ...3.0323

Arctic

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Acoustic Instrumentation; Alaska; Boundary Layer Studies; Ice Fog; Sound Attenuation Acoustics: Urban Research -general; ...1.0307

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Energy-radiation; Ice Fog; Radar; Weather Radar; ...1.0327

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological Water Properties; Construction Land Use Effects; Environmental Ecology; Geological Exploration; Lakes; Marine Biology - General; Sea Ice; Water Standards & Baselines; ...2.0470

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Animal Productivity; Aquatic Plants -nonspecific; Glaciology; Mineralogical Water Properties; Nutrients; Plant Productivity -general; Sub - Polar Regions; Wild Rivers; ...2.0472

NAVY ENVIRONMENTS - ARCTIC SEA ICE ORGANISMS ...Acoustical Properties; Marine Biology - General; Marine Fouling; Optical Properties; Polar Regions; ...2.0473

ARCTIC ENGINEERING GEOLOGY (NASA) ...Alaska; Freight Service; Infrared Radiation; Oil and Natural Gas - Sulfur; Petroleum Research; Surveying; Transportation Management; ...2.0497

STUDY OF ASSIMILATIVE CAPACITY OF ARCTIC AND SUB-ARCTIC STREAMS ...Animal Habitat Studies; Degradation -see Pesticide Deg; Optical Properties of Water; Plant Habitat Studies; Sub - Polar Regions; Water Pollution Effects; ...2.0959

NAVY ENVIRONMENT - THE MICROBIOLOGY OF THE MIDDLE SALT LAGOON AS RELATED TO SEWAGE DISPOSAL ...Environment; Lagoon; Polar Regions; Sewage; Sewage Bacteria; Waste Disposal-see Solid Waste; ...2.1200

Argentina

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA ..Environmental Geology; Marine Environments; Radioactivity; ...2.0014

Arid and Desert Regions

LARGE IMPOUNDMENTS - TEMPERATURE PREDICTION IN IMPOUNDMENTS ...Data Acquisition; Forecasting - Prediction; Model Studies; ...2.0063

LARGE IMPOUNDMENTS - EUTROPHICATION OF LAS VEGAS BAY, LAKE MEAD ...Data Acquisition; Nevada; Salinity (water); Water Quality Control -general; ...2.0064

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties; Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of; Water Pollution Sources; Water Quality -general; ...2.0400

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff; Arizona; Impaired Water Use; Irrigation; Parks; Runoff (water); Turf; Waste Disposal on Soils; ...2.1156

A UNIFIED APPROACH TO WATER, FOOD AND POWER IN A COASTAL DESERT COMMUNITY ...Auto Exhaust -see Air Poll.; Desalination; Electric Power Plants; Humidity; Mexico; Temperature - Air; ...2.1157

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

LARGE IMPOUNDMENTS - PUEBLO RESERVOIR ...Irrigation; Multiple Purpose Reservoirs; Rocky Mountain System; Water Properties -general; Water Quality -general; Water Supply - general; Water Utilization -industrial; ...2.1507

LIVESTOCK ENVIRONMENTAL FACILITIES ...Environmental Physiology; Farm Structures & Design; Heat Exchange; Maps - general; Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Sus; Wind -see Air Motion; ...3.0069

RESIDUES OF SELECTED PESTICIDES - NATURE, DISTRIBUTION, PERSISTENCE IN PLANTS, ANIMALS & PHYSICAL ENVIRONMENTS ...DDT; Environment Accumulation Rates; Monitoring Systems; Pesticide Application Rates; Plant; TDE; ...4.0083

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

SWEET SORGHUM VARIETAL EXPERIMENTS ...Bos; Insecticides -nonspecific; Irrigation; Pesticide Phytotoxicity; Sorghum; Space Competition; Temperature - Air; ...4.0447

RESIDUES OF SELECTED PESTICIDES ...DDT; Environment Accumulation Rates; Mammals -nonspecific; Pesticide Drift; Pesticide Residues; Pesticide Volatility; ...4.0924

CHARACTERISTICS OF HANFORD PROJECT SOILS ...Disease Resistance; Microorganisms -nonspecific; Reactor Sites & Rad Waste; Soil Amendments; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; ...5.0085

A SURVEY OF CHEMICAL AND PHYSICAL PROPERTIES OF SOILS AT THE NEVADA TEST SITE ...Nevada; Plant Species Diversity; Soil Chemical Properties; Soil Types -also See Specifics; ...5.0153

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Clay Soils; Mineral Nutrition; Plants; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Soil Moisture; X and Gamma Rays; ...5.0159

CONTINUOUS GAMMA IRRADIATION OF NATURAL POPULATIONS OF DESERT ANIMALS ...Cesium; Radiation, Lethal Dose; Radioactive Fallout-cf Fallout; Reptiles; Rodentia -other; Vertebrates Excl. Man; X and Gamma Rays; ...5.0160

TERRESTRIAL ANIMAL ECOLOGY ...Animal Productivity; Cricetidae -other; Environmental Ecology; Population Dynamics - general; Radiation Sensitivity -man; Rodentia -other; ...5.0745

TERRESTRIAL PLANT ECOLOGY ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Phenology; Plant Succession; Soil Minerals -natural; Soil Water Plant Relationships; ...5.0752

Arizona

GEOCHEMICAL EXPLORATION STUDIES OF VOLATILE ELEMENTS ...Colorado; Maps -general; Nevada; Utah; ...1.0029

BLUE-GREEN ALGAE AS A SOURCE OF WATER CONTAMINATION ...Algae - Cyanophyta; Algal Pollutant Sources; Algal Toxins; Range Or Territorial Distr.; Taxonomy -plant; ...2.0015

TRACE AND TRACER ELEMENTS IN GROUND WATER: PHASE III ...Chemical Analysis (water); Groundwater; Industrial Wastes; Lead; Natural Recharge; Soil Chemical Properties; Water Pollution Sources; Zinc; ...2.0017

THE QUALITY OF ARIZONA WATERS WITH PARTICULAR REFERENCE TO FLUORIDES ...Chemical Analysis (water); Fluorine; Water Quality -general; Water Wells; ...2.0474

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; Zooplankton; ...2.0477

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...3.0535

SPREADING TREATED SEWAGE FOR GROUNDWATER RECHARGE ...Activated; Artificial Recharge; Disposal; Groundwater; Sewage; Waste Management -see Specific; ...2.1151

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

TUCSON WASTEWATER RECLAMATION PROJECT ...Filtration; Fish; Pilot Plants; Waste Water Treatment -general; Water Reuse; Water Supply -general; Water Utilization -domestic; ...2.1154

TECHNICAL, ECONOMIC & LEGAL ASPECTS IN THE EXCHANGE OF SEWAGE EFFLUENT FOR IRRIGATION WATER FOR MUNICIPAL USE (TUCSON) ...Agricultural Studies -general; Legal Studies; Sewage; Water Purification; Water Utilization -domestic; ...2.1155

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff; Impaired Water Use; Irrigation; Parks; Runoff (water); Turf; Waste Disposal on Soils; ...2.1156

A UNIFIED APPROACH TO WATER, FOOD AND POWER IN A COASTAL DESERT COMMUNITY ...Arid and Desert Regions; Auto Exhaust -see Air Poll.; Desalination; Electric Power Plants; Humidity; Mexico; Temperature - Air; ...2.1157

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds., Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Desalination; Electrodialysis; Irrigation; Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1804

EVALUATION OF THE ANIMAL AND HUMAN COMPLAINTS FOLLOWING THE SPRAYING OF SILVEX, 2,4,5-T AND 2,4-D IN GLOBE, ARIZONA ...Domestic Animals; Liquids Or Sprays; Pesticide Toxicity in Humans, T, 2,4,5-; ...4.0789

PLOWSHARE SPECIAL STUDIES ...Copper; Geology -general; Management (water); Seismology; Soil Tillage; Underground Storage; ...5.0021

Arkansas

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Nuclear Detonations; Radioactive Fallout; Radiotracers -see Tracers; Snow; Troposphere; ...1.0002

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Fish Food Organisms; Lake Stages; Pathology; Plankton; Reservoirs and Impoundments; ...2.0021

A STUDY OF PHYTOPLANKTON DYNAMICS IN LAKE FAYETTEVILLE AS A MEANS OF ASSESSING WATER QUALITY ...Algae -nonspecific; Biological Water Properties; Eutrophication; Lake Stages; Physical Water Properties; Primary Productivity - Plants; ...2.0022

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Acidity (water); Biological Water Properties; Chemical Water Properties; Energy Conversion; Plankton; Reactor Sites & Rad Waste; Thermal Pollution; ...2.0023

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Acid Mine Drainage; Aquatic Plants - nonspecific; Biological Effects; Iowa; Lakes; Oklahoma; Population Dynamics -general; Strip Mines; ...2.0024

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Sampling; Types of Resources; Urban Research -general; Water Pollution Sources; ...2.0479

MINERAL ANALYSIS OF WATER ...Acidity (water); Chemical Analysis (water); Groundwater; Mineralogical Water Properties; Rural Areas; Water Quality Control -general; ...2.0480

LIMNOLOGY--NUTRIENT-BIOTIC RELATIONSHIPS IN THE UPLAKE REGION OF BEAVER RESERVOIR ...Animal Productivity; Benthic Organisms -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plankton; Reservoirs and Impoundments; Water Properties -general; ...2.0961

REHABILITATION OF A BRINE-POLLUTED AQUIFER ...Agricultural Studies -general; Aquifers; Brines; Fluid Properties; Irrigation; Water Pollution Abatement; Water Utilization - domestic; ...2.0962

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Copepoda; Environmental Ecology; Micropterus Dolomieui; Pathology; Recreation, Outdoor; Water Depth, Water Levels; ...2.1481

EFFECTS OF WATER DIVERSION ON BIOTA AND WATER QUALITY IN THE STATE OF ARKANSAS ...Animal Productivity; Aquatic Ecology - Animal; Chemical Water Properties; Eutrophication; Physical Water Properties; Population Dynamics - general; Vertebrate Anatomy; ...2.1482

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots; Chemical Analysis (water); Ecological Effects; Eutrophic Lakes; Mineralogical Water Properties; Nutrients; Plankton Sampling; Population Dynamics -general; Zooplankton; ...2.1483

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Biological Effects; Centrarchidae; Cyprinidae; Deltas; Flood Control Planning; Osteichthyes -other; Turbidity (water); ...2.1484

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Recreation, Water Resources Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

Arkansas River

RIVER BASIN STUDY ...Data Acquisition; River Basins; Water Quality -general; ...2.0512

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots; Arkansas; Chemical Analysis (water); Ecological Effects; Eutrophic Lakes; Mineralogical Water Properties; Nutrients, Plankton Sampling; Population Dynamics -general; Zooplankton; ...2.1483

Arsenic

FURNISHING NOTICE OF RESEARCH PROJECTS RELATIVE TO ALL BIOLOGICAL INFORMATION ...Air Pollution -see Specifics; Asbestos; Carbon Monoxide; Chlorine; Lead; Pollens - see Air Pollution; Zinc; ...1.0193

INITIATE A STUDY & BEGIN COLLECTION OF DATA ON PHYSIOLOGICAL MECHANISMS BY WHICH PB, CD, OR AS

POLLUTANTS AFFECT METABOLIC PROCESSES ...Air Pollution fsee Specifics; Lead; Respiratory Irritants, Inhaled; ...1.0267

COMPLETE COLLECTION OF ANALYSES OF DATA ASSOCIATING HEALTH EFFECTS WITH EXPOSURE TO PB, AS, OR CD EMISSIONS FROM SMELTERS IN MONTANA & IDAHO ...Air Pollution -see Specifics; Chemical Analysis - general; Idaho; Lead; Miners; Occupational Hazards; ...1.0279

LITERATURE REVIEW ON THE EFFECT OF AIR POLLUTANTS ON LIVESTOCK AND POULTRY ...Air Pollution -see Specifics; Environment Resistance-animals; Fluorine; Literature Search; Poultry -nonspecific; Sus; ...1.0352

OPERATE A SPECIAL NETWORK FOR THE COLLECTION OF ARSENIC AND SELENIUM ...Air Pollution; Air Pollution Sampling; Chemical Composition; Mercury; ...1.0815

CHEMISTRY OF MINERALIZED WATERS ...Bromine; Chlorine; Fluorine; Geology -general; Iodine; Origin; Water Quality - general; ...2.0311

MICROBIAL FORMATION OF POTENTIALLY HAZARDOUS ORGANO-METAL COMPOUNDS IN WATER ...Cellular Biosynthesis; Cellular Catabolism-see Degrad; Chelation & Complexing; Mercury; Organic Matter; ...2.0691

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl. Adsorption); Chemical Properties; Contamination - Soil; Industrial Wastes; Particulates - Air Pollution; Precipitation; Soil Chemical Properties; Water Pollutants - Path of; ...2.0862

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Atrazine; Bioassay; Cotoran; Leaching; Msma; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

CHEMISTRY OF PESTICIDES IN SOILS ...Chemical Analysis; Cucumis Sativus; DDT; Pesticide Residue Analysis; Plant Resistance; Zea Mays - Field Corn; ...4.0119

ARSENIC STUDIES WITH BLUEBERRIES AND POTATOES ...Ericaceae; Plant Absorption -other; Sandy Soils -see Soil Type; Solanum; ...4.0335

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Cotoran; Diuron; Gossypium; Msma; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

CHEMICAL INVESTIGATION OF SURFACE CONTAMINATION OF COTTON FIBERS ...Chemical Analysis; Defoliants; Fibers; Gossypium; Impurity; ...4.0474

PHYTOTOXICITY OF MSMA RESIDUES AND ARSENIC CONTENT OF FOODS ...Aluminum; Glycine; Msma; Phaseolus; Soil Chemical Properties; ...4.0960

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

THE ROLE OF ENERGY METABOLISM IN REPAIR AND MACROMOLECULE SYNTHESIS AFTER IRRADIATION ...Adenosine Triphosphate; Biological Dosimetry; Cellular Repair Mechanisms; Dose Rate, Dose Fractionation; Radiation Injury Prevention; ...5.0094

MECHANISM OF DIVALENT ION ABSORPTION ...Cobalt; Gallus Domesticus; Iron; Mercury; Whole Body; Zinc; ...5.0256

SURVEILLANCE - RADIATION EFFECTS IN GASES, LIQUIDS, METALS AND SEMICONDUCTOR MATERIALS ...Electronic Components; Phosphorus and Phosphorus Cpds; ...5.0514

RENAL PHARMACOLOGY AND TOXICOLOGY OF FALLOUT NUCLIDES ...Lead; Radiologic Health; Toxicology; Zirconium; ...5.0625

Arthropods

NATURE OF EXOTIC SUBSTANCES IN SURFACE WATERS AND IMPLICATIONS AS WATER SUPPLY CONTAMINANTS ...Atomic Absorption; Detectors and Sensors; Emission Spectroscopy; Gas Chromatography; Periphyton; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0706

MACROBENTHOS AS INDICATORS OF ECOLOGICAL CHANGE ...Aquatic Ecology - Animal; Benthic Fauna; Chemical Water Properties; Physical Water Properties; River Basins; Water Pollutant Identification; ...2.0816

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EFFLUENT PRIOR TO A MAJOR FLOW INCREASE ...Biological Water Properties; Chemical Water Properties; Estuaries; Recreation, Water Resources; Secondary Treatment; Sewage Treatment Plant; Water Pollutant Identification; ...2.0987

THE DISTRIBUTION AND DENSITY OF MACROBENTHOS IN LAKE ARLINGTON, TEXAS ...Animal Succession; Ecological Effects; Lakes; Range Or Territorial Distr.; Texas; ...2.1724

SOIL INVERTEBRATES INFLUENCE ON CORN RESIDUES ...Minimum Tillage; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Planting Methods; Population Dynamics - general; Soil Microbiology; ...4.0108

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Ethion; Organophosphorous Cpds.; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Trithion; ...4.0403

PESTICIDE STRESS EFFECTS ON EXPERIMENTAL ECOSYSTEMS ...Contamination -see Air & Water; Mammals - nonspecific; Pesticide in Food Chains; Pesticide Toxicity -general; Pesticides -nonspecific; Petroleum Industry; Pollution Effects -see Water; ...4.0975

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

VIRUS PROJECT ...Muridae; Radiation, Whole Body; Viruses - Animal; X and Gamma Rays; ...5.0600

RADIOACTIVE TRACER STUDIES OF SOIL AND LITTER ARTHROPOD FOOD CHAINS ...Animal Productivity; Energy Budgets; Pesticide in Food Chains; Radioactive Contamination; ...5.0816

Asbestos

CHARACTERIZING ASBESTOS-BEARING AEROSOLS ...Aerosols; Air Pollution -see Specifics; Diffraction; Microscopy; Respiratory Irritants, Inhaled; ...1.0004

ACUTE TOXICITY OF HEATED ASBESTOS ...Air Pollution -see Specifics; Muridae; Occupational Hazards; Respiratory Irritants, Inhaled; Toxicology; ...1.0181

FURNISHING NOTICE OF RESEARCH PROJECTS RELATIVE TO ALL BIOLOGICAL INFORMATION ...Air Pollution -see Specifics; Carbon Monoxide; Chlorine; Lead; Pollens -see Air Pollution; Zinc; ...1.0193

EXPERIMENTAL INFECTIVE PNEUMOCONIOSIS ...Air Pollution -see Specifics; Bacterial Population Surveys; India; Miners; Occupational Hazards; Respiratory Bacteria; Respiratory Irritants, Inhaled; ...1.0203

RESPIRATORY DISEASE AND ENVIRONMENTAL EXPOSURES ...Air Pollution -see Specifics; Environmental Effects - Human; Factory Workers; Occupational Hazards; Respiratory Disease; Respiratory Irritants, Inhaled; Tobacco -cigarettes; ...1.0214

ASBESTOS EXPOSURE-RISK IN DEFINED HUMAN POPULATIONS ...Air Pollution -see Specifics; Occupational Hazards; Respiratory Irritants, Inhaled; ...1.0226

INFLUENCE OF AIRBORNE FACTORS ON LUNG CLEARANCE ...Aerosols; Nitrogen and Nitrogen Cpds.; Respiratory Disease; Sulfur Dioxide; ...1.0235

CONTROL TECHNIQUES FOR ASBESTOS EMISSIONS ...Air Pollution; Meetings; ...1.0605

OPERATE A SPECIAL PARTICULATE NETWORK UTILIZING MEMBRANE FILTER SAMPLERS ...Air Pollution -see Specifics; Air Pollution Sampling; Air Pollution-chemistry; Automatic Weather Stations; Membranes; Particulates - Air Pollution; Trace Elements; ...1.0771

IMPROVE AND QUANTITATE A TENTATIVE METHOD FOR ASBESTOS ...Air Pollution-chemistry; Particulates - Air Pollution; ...1.0833

Asthma

ATMOSPHERIC POLLUTION AND RESPIRATORY DISEASE ...Air Pollution -see Specifics; Respiratory Irritants, Inhaled; Toxicology; ...1.0192

A REPORT OF SEVERAL AIR POLLUTION PARAMETERS AND THE INTENSITY OF SYMPTOMS IN A PANEL OF ASTHMATIC PERSONS (ABBREV) ...Air Pollution -see Specifics; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0283

Atlantic Coastal Plain

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS ...Air Pollution -see Specifics; Carbon Monoxide; Fire Behavior - Identification; Fire Prevention; Fire Research -see Forest Fire; Forest Environment -general; Forest Litter, Duff & Humus; Pinus Taeda; ...1.0043

THE TRANSIENT BEHAVIOR OF RECHARGE-DISCHARGE AREAS IN REGIONAL GROUND WATER SYSTEMS ...Aquifers; Groundwater Basins; Industrial Wastes; Mathematical Analysis; Recharge (water); Water Pollution Sources; ...2.0173

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

PHYSICAL PROPERTIES OF THE SOILS OF VIRGINIA ...Piedmont Province; Soil Moisture; Soil Profile; Soil Texture; Urban Environment; Waste Disposal on Soils; ...3.0329

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Gossypium; Metabolites From Pesticides; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Piedmont Province; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0174

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

Atlantic Ocean

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII ...Activation Analysis; Air Pollution; Air Pollution Sampling; Antarctica; Atomic Absorption; Lead; Pacific Ocean; Trace Analysis; ...1.0138

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Contamination - Water; Italy; Marine Environments; Plankton; Radioactivity; Radioecology - Plants; Trace Elements; ...2.0154

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Ocean Circulation -general; Radioactive Fallout; Radioactivity; ...2.0187

STRONTIUM-90 FALLOUT OVER THE OCEAN ...Marine Environments; Ocean Circulation -general; Ocean Mixing; Precipitation Gages; Radioactivity; Rain; Sea Water Sampling; ...2.0270

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Marine Geology; Mercury; Pacific Ocean; Radioactivity; Sea Water Sampling; Trace Analysis; ...2.0418

OCEAN CIRCULATION ...Air Pollution; Marine Environments; Mathematical Models; Model Studies; Ocean Currents; Ocean Turbulence; Temperature; ...2.0508

STANDARD MONITORING SECTIONS A-6 AND A-7 CRUISE AND AIGIST 1970 NERVE GAS DUMP SITE SURVEY ...Depth; Environmental Hazards; Marine Pollution; Ocean Currents; Salinity; Temperature; ...2.0536

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils; Benthic Organisms -nonspecific; Marine Animals; Marine Environments; Marine Geology; Offshore Oil; Pesticides -nonspecific; Petroleum -see Oil; Zooplankton; ...2.0560

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Fish; Marine Biology - General; Marine Pollution; Pesticides -see Pesticide; Sea Water Sampling; Water Standards & Baselines; ...2.0620

RADIONUCLIDES IN SAVANNAH RIVER ESTUARY AND COASTAL WATERS ...Circulation (water); Estuaries; Marine Geology; Radioactivity; South Carolina; Water Pollution Sources; ...2.0792

MIXING, DIFFUSION AND CIRCULATION RATES IN OCEAN WATERS ...Chemical Reactions; Gases; Marine Environments; Ocean Turbulence; Radioactivity; Sea Water Mass & Ocean Fronts; ...2.1067

HYDROGRAPHY OF NEW YORK BIGHT IN RELATION TO OFFSHORE WASTE DISPOSAL ...Density; New Jersey; Ocean Hydrodynamics; Salinity; Temperature; Waste Disposal-see Solid Waste; Water Movement -general; ...2.1332

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

NAVY ENVIRONMENT - ENVIRONMENTAL EFFECTS OF DEEP WATER ORDNANCE DISPOSAL ...Consultants, Advisory Services; Environment; Marine Biology - General; Marine Pollution; Military Aspects; Ocean Dumping; ...2.1585

EFFECTS OF SEWAGE SLUDGE ON FINFISH AND BENTHIC AND PLANKTONIC COMMUNITIES ...Benthic Organisms -nonspecific; Ecological Effects; New Jersey; Sewage; ...2.1639

DISTRIBUTION AND ECOLOGY OF RIVER MOLLUSKS IN CENTRAL AND WESTERN NORTH DAKOTA ...Animal Distribution; Chlorine; Mollusca; Paleontology; Pollution Effects -see Water; Water Pollution Effects; ...2.1667

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Data Acquisition; Development of Models; Industrial Wastes; Model Studies; Optimization, Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

THEORETICAL ACOUSTICS ...Acoustics; Noise; Ocean Meteorological Studies; Sound Attenuation Acoustics; Turbulence; ...6.0005

Atlases -see Maps

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Biological Effects; Cooperative Studies; Estuaries; Invertebrates -nonspecific; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Size; Texture; ...2.0210

AREA DESCRIPTIONS OF ALABAMA'S ESTUARIES ...Alabama; Benthic Organisms -nonspecific; Data Reduction and Analysis; Effluents - Waste Water; Physical Water Properties; ...2.0462

Atmosphere Composition

FORMATION OF THE STRATOSPHERIC AEROSOL ...Aerosols; Model Studies; Particulates - Air Pollution; Stratosphere; ...1.0086

LIDAR PROBING OF THE ATMOSPHERE ...Aerosols; Analytical Instruments; Lasers and Masers; Polarization; Scattering; Weather Radar; ...1.0666

DEMONSTRATION AND TRAINING ON CONTINUOUS AIR SAMPLING INSTRUMENTS ...Air Pollution Monitoring; Air Pollution Sampling; Training Grants, Fellowships; ...1.0759

OPERATE PORTABLE AND MOBILE METEOROLOGICAL EQUIPMENT IN POTENTIAL EPISODE SITUATIONS ...Air Pollution; Air Pollution Monitoring; Weather Data; ...1.0798

DEVELOP EPISODE AIR MONITORING CAPABILITY ...Air Pollution Monitoring; Atmospheric Dynamics; Weather Data; ...1.0802

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Air Pollution -see Specifics; Atomic Absorption; Chlorine; Electrochemistry; Fluorine; Iodine; Rain; ...2.0544

Analytical Instruments

FORMATION OF THE STRATOSPHERIC AEROSOL ...Aerosols; Atmosphere Composition; Model Studies; Particulates - Air Pollution; Stratosphere; ...1.0086

STUDY OF EFFECT OF ATMOSPHERIC TURBIDITY ON SATELLITE SOUNDINGS ...Aerosols; Energy-radiation; Infrared Radiation; Model Studies; Particulates - Air Pollution; Polarization; Scattering; ...1.0316

LIDAR PROBING OF THE ATMOSPHERE ...Aerosols; Atmosphere Composition; Lasers and Masers; Polarization; Scattering; Weather Radar; ...1.0666

A NEW INSTRUMENT FOR KINETIC STUDIES OF AIR POLLUTION ...Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Photoionization; Rate of Reaction; Trace Analysis; ...1.0672

EVALUATION & APPLICATION OF CONVAIR IR SPECTROPHOTOMETER FOR LONGPATH ABSORPTION SPECTRA OF OXIDIZING ATMOSPHERE (WEST COAST) (ABBREV) ...Air Pollution Analysis; California; Infrared Radiation; Oxidizing Atmosphere; Smog; Spectrographic Techniques; ...1.0679

CONSULTATION AND ADVISORY SERVICES FOR ROCKET-BORNE CRYOGENIC WHOLE AIR SAMPLER ...Air Pollution Sampling; Consultants, Advisory Services; Heat Transmission; Temperature Effects; ...1.0684

LABORATORY SUPPORT TO AIR MONITORING OPERATIONS ...Air Pollution Monitoring; Air Pollution-chemistry; ...1.0775

DEVELOPMENT OF IN-HOUSE INSTRUMENTAL METHODS ...Air Pollution Analysis; Air Pollution-chemistry; Chlorine; Gases; ...1.0779

COMPLETE A REPORT ON INDOOR-OUTDOOR AIR QUALITY FOR SOX - TSP AND OTHER AIR POLLUTANTS ...Air Pollution -see Specifics; Air Pollution Monitoring; Particulates - Air Pollution; Sulfur Dioxide; Sulfur Dioxide Removal; Urban Environment; Urban Research -general; ...1.0810

EVALUATION OF A NEW 'CRYOGENIC SAMPLER' FOR FIELD USE ...Air Pollution Analysis; Air Pollution Sampling; Air Pollution-chemistry; Concentration; Freeze Drying; Temperature Effects; Trace Analysis; ...1.0854

CHEMICAL AND SPECTROSCOPIC INVESTIGATION OF AIR POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Detectors and Sensors; Light Visible Specroscopy; Ultraviolet Spectroscopy; ...1.0868

IMPROVED EXTRACTION SYSTEM - WATER CONTROL - CONTROL TECHNIQUES, FIELD TESTING AND EVALUATION ...Acid Mine Drainage; Coal; Data Acquisition; Geology - general; Mine Atmosphere Conditions; Soil Tillage; ...2.1402

STUDIES OF DEPOSITION AND REDISTRIBUTION OF DEBRIS FROM SPECIFIC NUCLEAR EVENTS ...Air Pollution Analysis; Atmospheric Dynamics; Micrometeorology; Model Studies; Nevada; Radioactive Fallout, Radioactivity; ...5.0005

TRITIATED HYDROGEN IN THE ATMOSPHERE - OF A NEW ULTRA-SENSITIVE TECHNIQUE FOR ENVIRONMENTAL SAMPLING IN NATURE AND INDUSTRY (ABBREV.) ...Adsorption; Air Pollution-chemistry; Atmospheric Dynamics; Catalysis, Heterogeneous; Combustion; Detectors and Sensors; Industrial Wastes; Radioactivity; ...5.0813

ANALYTICAL INSTRUMENTATION FOR MEASUREMENT OF ENVIRONMENTAL SAMPLES ...Air Pollution Sampling; Radiation Shielding; Radioactive Isotopes; Radioactivity; Scintillation Counting; ...5.0878

Chemical Composition

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Nuclear Detonations; Radioactive Fallout; Radiotracers -see Tracers; Snow; Troposphere; ...1.0002

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Weather Data; Wind; ...1.0028

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Core Analysis; Energy Conversion; Glaciology; Ion Exchange; Particulates - Air Pollution; Technology - Social Impact; ...1.0073

ANALYSIS OF CHEMICAL COMPOUNDS IN AN URBAN AEROSOL ...Aerosols; Air Pollution; Air Pollution-chemistry; Chromatography; Coulometry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0135

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE ...Activation Analysis; Atmospheric Dynamics; Bromine; Chlorine; Iodine; New Zealand; Trace Elements; Urban Research -general; ...1.0137

ATMOSPHERIC FLUIDS PROVENANCE USING STABLE ISOTOPES ...Air Pollution; Air Pollution-chemistry; Isotope Tracer -see Tracers; Nitrogen and Nitrogen Cpds.; ...1.0153

ATMOSPHERIC CONSTITUENTS OF THE TERRESTRIAL-TYPE PLANETS ...Algae - Cyanophyta; Algal Pollutant Sources; Environmental Influences; Gases; Pesticides -nonspecific; Space Medicine - Exobiology; Weather - Physical Properties; ...1.0345

DYNAMIC PROCESSES ...Aerosols; Geophysical Analysis; Meetings; Monitoring; Turbulence; ...1.0479

HIGH SPEED INTERFEROMETER EXPERIMENT DEVELOPMENT ...Air Pollution Analysis; Atmosphere; Interferometry; Resolution; Spacecraft Sensory Devices; Trace Analysis; ...1.0678

MEASUREMENTS FOR AIR QUALITY ...Aerosols; Air Pollution Analysis; Air Pollution-chemistry; Gases; Light Scattering Analysis; Particulates - Air Pollution; Raman Spectroscopy; ...1.0687

ATMOSPHERIC CHEMISTRY OF BORON ...Aerosols; Air - Water; Air Pollution-chemistry; Colorimetric Methods; Electrochemistry; Spectrographic Techniques; ...1.0697

OPERATE A SPECIAL NETWORK FOR THE COLLECTION OF ARSENIC AND SELENIUM ...Air Pollution; Air Pollution Sampling; Arsenic; Mercury; ...1.0815

INFLUENCE OF AEROSOL CHARACTERISTICS ON VISIBILITY ...Aerosols; Air Pollution Monitoring; Optical Properties; Visibility; ...1.0856

CHEMISTRY OF ATMOSPHERIC PRECIPITATION ...Chemical Analysis -general; Chemical Water Properties; New York; North Carolina; Precipitation; Virgin Islands; ...2.0092

ATMOSPHERIC CHEMISTRY ...Activation Analysis; Air Pollution Sampling; Atmospheric Dynamics; Illinois; Precipitation Instruments; Snow; ...2.0122

RADIOCARBON IN THE SEA ...Carbon; Marine Biology - General; Ocean Mixing; Polar Oceanic Areas; Radioactivity; Ships and Cruises; Wind; ...2.0427

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Air Pollution -see Specifics; Atomic Absorption; Chlorine; Electrochemistry; Fluorine; Iodine; Rain; ...2.0544

GEOCHEMICAL OCEAN SECTION STUDY ...Activation Analysis; Gamma Spectroscopy; Marine Geology; Radioactive Isotopes; Radioactivity, Sea Water Chemistry; Trace Analysis; ...2.0844

TRITIATED HYDROGEN IN THE ATMOSPHERE - OF A NEW ULTRA-SENSITIVE TECHNIQUE FOR ENVIRONMENTAL SAMPLING IN NATURE AND INDUSTRY (ABBREV.) ...Adsorption; Air Pollution-chemistry; Atmospheric Dynamics; Catalysis, Heterogeneous; Combustion; Detectors and Sensors; Industrial Wastes; Radioactivity; ...5.0813

Particle Separators

MEASUREMENT OF VISIBILITY REDUCTION BY PARTICULATES BASED ON OPTICAL PROPERTIES OF URBAN PARTICULATES (ABBREV) ...Air Pollution Analysis; Air Pollution-chemistry; Light Scattering Analysis; Particulates - Air Pollution; Urban Research -general; ...1.0765

Radioactivity, Natural

DYNAMIC PROCESSES ...Aerosols; Chemical Composition; Geophysical Analysis; Meetings; Monitoring; Turbulence; ...1.0479

RADIONUCLIDES IN STRATOSPHERIC AIR ...Air Pollution Sampling; Atmospheric Dynamics; Fallout -see Radioactive, Radioactive Fallout, Radioactivity; Stratosphere; ...1.0744

WHOLE BODY COUNTING OF POPULATION LIVING IN AREAS OF HIGH NATURAL RADIOACTIVITY ...Brazil; Dosimetry; Radiation -terrestrial; Radiation Sources -general; Radiation, Whole Body; Radiologic Health; Whole Body; ...5.0772

MEASUREMENTS OF NATURAL RADIOCARBON AND TRITIUM ...Carbon - 14 Dating; Dendrochronology; Marine Environments; Precipitation; Sea Water Mass & Ocean Fronts; ...5.0790

Atmosphere Disturbance

ELECTRIFICATION OF DUST STORMS ...Charge on Droplets; Energy Conversion; Particulates - Air Pollution; Temperature; Wind; ...1.0081

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Cloud Temperature; Color - Brightness; Computer Models; Cumulus; Microwave Radiation; Radiation Balance -cloud; Simulation Theory; Temperature, ...1.0388

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Precipitation Gages; Radiotracers -see Tracers; Tracers; ...2.0133

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Erosion; Iowa; Location; Methods; Sediment Yield; Sediments; Soil Chemical Properties; ...2.0145

EFFECT OF URBANIZATION ON WATER QUALITY ...Acidity (water); Chlorine; Kansas; Rainfall - Runoff Relationship; Urban Environment; Urban Runoff; Water Quality -general; ...2.0155

RAIN SCAVENGING STUDIES ...Air Pollution; Cloud Physics; Diffusion; Lead; Tracers; ...2.0194

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Water Quality -general; ...2.0385

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

WATER RESERVOIR SYSTEMS ...Flood-flow Design; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Storage; ...2.1786

Monsoons

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

Severe Storms - Squalls

COMMITTEE ON ATMOSPHERIC SCIENCES ...Air Pollution; Committee Support; Mesometeorology; Weather Forecasting; ...1.0486

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

Thunderstorms

EFFECT OF ATMOSPHERIC POLLUTION ON PRECIPITATION ...Air Pollution; Atmospheric Dynamics; Hail & Sleet Modification; Precipitation Amount; Rain Modification; Urban Research - general; ...1.0346

NAVY ENVIRONMENT - EFFECT OF ATMOSPHERIC CORONA ON ION SPECTRA AND WEATHER ...Military Aspects; Particulates - Air Pollution; Weather Forecasting; ...1.0896

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Agricultural Runoff; Climates -general; Conservation -see Soil Conser.; Land Use; Sediment Yield; Small Watersheds; Soil Cover Crops; ...2.0387

Atmospheric Dilution -see Air

Meteorological Factors

USSR LITERATURE ON AIR POLLUTION AND RELATED DISEASES ...Air Pollution -see Specifics; Air Pollution Effects; Environmental Effects - Human; Literature Search; Plant Habitat Studies; ...1.0211

DISPERSION OF AIR POLLUTANTS ...Air Pollution -see Specifics; Fluid Mechanics; Furnace and Incinerator Design; ...1.0892

Atmospheric Structure

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Weather Data; Wind; ...1.0028

ATMOSPHERIC DIFFUSION AND TURBULENCE ...Diffusion; Dust; Mass Transport; Stratosphere; Turbulence; ...1.0154

HIGH ALTITUDE BALLOON SAMPLING PROGRAM (PROJECT HIBAL) ...Air Pollution Sampling; Australia; Fallout -see Radioactive; Radioactive Fallout; Stratosphere; ...1.0668

TRANSPORT, DEPOSITION, AND METEOROLOGICAL STUDIES OF NUCLEAR DEBRIS IN THE ATMOSPHERE ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Radioactivity; Stratosphere; Troposphere; ...1.0713

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Cloud Physics; Illinois; Model Studies; Precipitation Gages; Radiotracers -see Tracers; Tracers; ...2.0133

Ionosphere

THEORETICAL AERONOMY ...Aerosols; Airglow; Mass Transport; Scattering; Transfer Phenomena; Upper Atmospheric Chemistry; Upper Atmospheric Temperatures; ...1.0877

Stratosphere

DYNAMICAL MECHANISMS PRODUCING LARGE-SCALE ATMOSPHERIC TRANSPORT OF TRACE SUBSTANCES ...Atmospheric Dynamics; Diffusion; Mass Transport; Upper Atmospheric Sounding; ...1.0014

THERMAL MODIFICATION ...Aerosols; Cirrus; Great Lakes -see Specific Lake; Heat Balance - Budget; Humidity - Water Vapor; New York; Solar Radiation -sunshine; Temperature; Weather Modification; ...1.0024

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Contamination - Water; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Seismology; Strontium; ...1.0025

THE ROLE OF THE GENERAL CIRCULATION OF THE ATMOSPHERE IN RADIOACTIVE DEBRIS TRANSPORT ...Air Motion; Bibliography; Fallout -see Radioactive; Mass Transport; Radioactivity; Tropopause; Upper Atmospheric Circulation; ...1.0032

CONTUNUOUS MEASUREMENTS OF AIRBURNE AND PRECIPITATION RADIOACTIVITY AND METEOROLOGICAL APPLICATION ...Atmospheric Dynamics; Fallout -see Radioactive; Nuclear Detonations; Radioactive Fallout; Scintillation Counting; Spectrographic Techniques; Tracers; Troposphere; ...1.0044

FORMATION OF THE STRATOSPHERIC AEROSOL ...Aerosols; Atmosphere Composition; Model Studies; Particulates - Air Pollution; ...1.0086

THE USE OF LEAD-210 TO TRACE TRANSPORT PROCESSES IN THE FREE ATMOSPHERE ...Advection; Air Pollution Sampling; Lead; Mass Transport; Radioactive Fallout; Tracers; ...1.0089

ATMOSPHERIC DIFFUSION AND TURBULENCE ...Atmospheric Structure; Diffusion; Dust; Mass Transport; Turbulence; ...1.0154

RADIATIVE PROPERTIES OF AEROSOLS IN THE STRATOSPHERE ...Aerosols; Infrared Radiation; Lasers and Masers; Radiation Detectors; ...1.0167

HIGH ALTITUDE BALLOON SAMPLING PROGRAM (PROJECT HIBAL) ...Air Pollution Sampling; Atmospheric Structure; Australia; Fallout -see Radioactive; Radioactive Fallout; ...1.0668

DISTRIBUTION OF NITRIC ACID IN THE STRATOSPHERE ...Airplanes; Balloons; Chemical Analysis -general; Spectrographic Techniques; ...1.0688

TRANSPORT, DEPOSITION, AND METEOROLOGICAL STUDIES OF NUCLEAR DEBRIS IN THE ATMOSPHERE ...Air Pollution Sampling; Atmospheric Dynamics; Atmospheric Structure; Circulation - Patterns; Fission Products-see Radioact.; Radioactivity; Troposphere; ...1.0713

RADIONUCLIDES IN STRATOSPHERIC AIR ...Air Pollution Sampling; Atmospheric Dynamics; Fallout -see Radioactive; Radioactive Fallout; Radioactivity; Radioactivity, Natural; ...1.0744

Tropopause

THE ROLE OF THE GENERAL CIRCULATION OF THE ATMOSPHERE IN RADIOACTIVE DEBRIS TRANSPORT ...Air Motion; Bibliography; Fallout -see Radioactive; Mass Transport; Radioactivity; Upper Atmospheric Circulation; ...1.0032

CONTUNUOUS MEASUREMENTS OF AIRBORNE AND PRECIPITATION RADIOACTIVITY AND METEOROLOGICAL APPLICATION ...Atmospheric Dynamics; Fallout -see Radioactive; Nuclear Detonations; Radioactive Fallout; Scintillation Counting; Spectrographic Techniques; Tracers; Troposphere; ...1.0044

Troposphere

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Nuclear Detonations; Radioactive Fallout; Radiotracers -see Tracers; Snow; ...1.0002

DYNAMICAL MECHANISMS PRODUCING LARGE-SCALE ATMOSPHERIC TRANSPORT OF TRACE SUBSTANCES ...Atmospheric Dynamics; Diffusion; Mass Transport; Stratosphere; Upper Atmospheric Sounding; ...1.0014

THE ROLE OF THE GENERAL CIRCULATION OF THE ATMOSPHERE IN RADIOACTIVE DEBRIS TRANSPORT ...Air Motion; Bibliography; Fallout -see Radioactive; Mass Transport; Radioactivity; Tropopause; Upper Atmospheric Circulation; ...1.0032

CONTUNUOUS MEASUREMENTS OF AIRBORNE AND PRECIPITATION RADIOACTIVITY AND METEOROLOGICAL APPLICATION ...Atmospheric Dynamics; Fallout -see Radioactive; Nuclear Detonations; Radioactive Fallout; Scintillation Counting; Spectrographic Techniques; Tracers; ...1.0044

ATMOSPHERIC DIFFUSION AND TURBULENCE ...Atmospheric Structure; Diffusion; Dust; Mass Transport; Stratosphere; Turbulence; ...1.0154

TRANSPORT, DEPOSITION, AND METEOROLOGICAL STUDIES OF NUCLEAR DEBRIS IN THE ATMOSPHERE ...Air Pollution Sampling; Atmospheric Dynamics; Atmospheric Structure; Circulation - Patterns; Fission Products-see Radioact.; Radioactivity; Stratosphere; ...1.0713

WORKSHOP ON RESEARCH PROBLEMS IN AIR AND WATER POLLUTION ...Air Pollution Effects; Eutrophication; Meetings; Thermal Pollution; Upper Atmospheric Chemistry; Water Pollution Effects; ...2.1800

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Mineralogy; Radioactivity; Soil Chemical Properties; ...5.0089

Atomic Bomb

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Colorado; Grasslands; Ochotonidae; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; X and Gamma Rays; ...5.0211

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - BASIC RADIATION ESTIMATES ...Japan; Nuclear Warfare; Radiologic Health; X and Gamma Rays; ...5.0227

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - POPULATION STUDIES ...Demography; Nuclear Warfare; Radiation Effects - Biological; X and Gamma Rays; ...5.0228

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - GROWTH AND DEVELOPMENT STUDIES ...Aging; Digestive System - Human; Japan; Nuclear Warfare; Radiation Effects - Biological; ...5.0229

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - MORTALITY STUDIES ...Aging; Human Developmental Biology; Japan; Nuclear Warfare; ...5.0230

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - MORBIDITY STUDIES ...Injury and Shock; Japan; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0231

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - SPECIFIC DISEASES OR DISORDERS STUDIES ...Digestive System - Human; Exercise; Human Developmental Biology; Japan; Nuclear Warfare; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0232

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - GENETICS STUDIES ...Injury and Shock; Japan; Radiation Effects - Biological; ...5.0233

HUMAN RADIATION STUDIES ...Iodine; Nevada; Radiation Dose Studies-general; Radiation Sensitivity -man; Respiratory Disease; ...5.0372

AREA PROGRAM IN POPULATION GENETICS ...Brazil; Computer Methods -general; Demography; Japan; Population - Growth; Venezuela; ...5.0403

TOXICITY OF INHALED 90SR CHLORIDE IN THE BEAGLE DOG ...Aerosols; Canidae; Nuclear Warfare; Respiratory Irritants, Inhaled; Urine; ...5.0428

BIOMEDICAL EFFECTS OF EXPLOSIONS ...Civil Defense; Injury and Shock; Nuclear Warfare; Radioisotopes -nonspecific; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0437

STATISTICAL ANALYSIS OF LONGITUDINAL GROWTH DATA ON ADOLESCENTS EXPOSED IN UTERO TO THE ATOMIC BOMBS, HIROSHIMA & NAGASAKI ...Environmental Effects - Human; Human Developmental Biology; Nuclear Warfare; Radiation Effects - Biological; ...5.0488

OPTIC LENS OF MAN - INCIDENCE OF MINUTE, DISCRETE SUBCAPSULAR OPACITIES WITH AGING OR FOLLOWING IRRADIATION ...Aging; Nuclear Warfare; Occupational Hazards; Radiation Effects - Biological; Radiation, Low Level; Radiologic Health; X and Gamma Rays; ...5.0515

INFLUENCE OF AGE AND RADIATION EXPOSURE ON HUMAN LYMPHOCYTE RESPONSE TO PHYTOHEMAGGLUTININ (PHA) ...Aging; Radiation; Radiation, Whole Body; Radiologic Health; X and Gamma Rays; ...5.0522

CORRELATION OF LIFETIME HEALTH & MORTALITY EXPERIENCE OF AEC & CONTRACTOR EMPLOYEES WITH OCCUPATIONAL RADIATION EXPOSURE (ABBREV) ...Occupational Hazards; Radiation Sources -general; Radiation, Low Level; Radioactive Hazard; Radiologic Health; ...5.0589

THE DETERMINATION OF PLUTONIUM 239 IN LUNG TISSUE BY ACTIVATION ANALYSIS ...Deer -nonspecific; Fast Neutrons; Plutonium; Radiologic Health; ...5.0819

Atomic Plants

METEOROLOGICAL CONSEQUENCES OF THERMAL POLLUTION ...Energy Conversion; Lake Michigan; Solar Radiation - sunshine; Temperature; ...1.0344

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Acidity (water); Arkansas; Biological Water Properties; Chemical Water Properties; Energy Conversion; Plankton; Reactor Sites & Rad Waste; Thermal Pollution; ...2.0023

INVESTIGATION OF PRESENT THERMAL REGIME OF MISSOURI RIVER IN MISSOURI ...Aircraft Remote Sensing; Depth (water); Energy Conversion; Infrared Radiation; Missouri River; Thermal Pollution; Water Temperature Recorders; ...2.0227

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects -see Water; Water Pollution Sources; Zinc; ...2.0280

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Contamination - Water; Estuaries; Fish; Iron; Marine Animals; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Animal Behavioral Ecology; Contamination - Water; Ecological Effects; Environmental Ecology; Lakes; Population Dynamics -general; Thermal Pollution; ...2.0305

USE OF REACTOR COOLING WATER FROM NUCLEAR POWER PLANTS FOR IRRIGATION OF AGRICULTURAL CROPS ...Energy Conversion; High Temp. - 85f Or Above; Photosynthesis; Respiration; Soil Moisture; Thermal Pollution; ...2.0318

REACTOR COOLING WATER FOR AGRO-INDUSTRIAL DEVELOPMENT THROUGH SOIL WARMING ...Agricultural Studies -general; Mathematical Models; Soil Moisture; Temperature Regulation; ...2.0319

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT

PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

POWER PRODUCTION ...Chemical Effects; Density; Effluents - Waste Water; Energy Conversion; Mathematical Models; Reservoirs and Impoundments; Thermal Pollution; ...2.0337

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Energy Conversion; Heat Recovery, Industrial; Nuclear Power; Plant Freshwater Ecology; Public Utilities; Social Aspects; Thermal Pollution; ...2.0352

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Chlorine; Forecasting - Prediction; Lakes; Mineralogical Water Properties; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; Water Pollution Sources; ...2.0359

RADIOECOLOGY OF THE KUCUK CEKMECE LAGOON ...Aquatic Ecology - Animal; Biological Effects; Contamination - Water; Energy Conversion; Lagoons; Radioactive Isotopes; Sediments; Water Pollutants - Path of; ...2.0392

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Columbia River; Energy Conversion; Fish; Periphyton; Phosphorus and Phosphorus Cpds; Water Pollution Sources; Zinc; ...2.0420

EFFECT OF TEMPERATURE ON BACTERIA ...Bacterial Population Surveys; Columbia River; Environmental Aspects; Ictaluridae; Water Bacteria; ...2.0422

ANALYSIS OF IMPURITIES AND THEIR REMOVAL FROM REACTOR COOLING WATER ...Energy Conversion; Hungary; Radioisotopes; Water Pollution Sources; ...2.0568

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies -animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

INVESTIGATION OF THE THERMAL PATTERNS IN THE VICINITY OF THE CRYSTAL RIVER ...Aerial Photography -see Photo.; Energy Conversion; Forecasting - Prediction; Infrared Radiation; Thermal Pollution; ...2.0685

MONITORING WATER EFFLUENTS FROM A NUCLEAR POWER PLANT ...Effluents - Waste Water; Energy Conversion; New York; Water Pollutants - Path of; ...2.0697

SENSITIVITY OF BENTHIC MICROFLORA TO POLLUTION GRADIENTS ...Carbon; Energy Conversion; Marine Plants; Rhode Island; Water Pollutant Identification; Water Standards & Baselines; ...2.0773

RADIONUCLIDES IN SAVANNAH RIVER ESTUARY AND COASTAL WATERS ...Atlantic Ocean; Circulation (water); Estuaries; Marine Geology; Radioactivity; South Carolina; Water Pollution Sources; ...2.0792

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Aquatic Ecology - Animal; Contamination - Water; Ecological Effects; Fish; Pollution Effects -see Water; Reactor Sites & Rad Waste; Survey Studies (water); Thermal Pollution; ...2.0800

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Energy Conversion; Flume Studies; Model Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

A PRE-IMPOUNDMENT ECOLOGICAL STUDY OF THE BOTTOM FAUNA AND WATER QUALITY IN THE NORTH ANNA RIVER ...Chemical Analysis (water); Contamination - Water; Environmental Ecology; Management (water); Thermal Pollution; Water Standards & Baselines; ...2.0834

APPLICATION OF REMOTE SENSING TO SURFACE PARAMETERS OF LARGE WATER BODIES ...Aircraft Remote Sensing; Circulation (water); Energy Conversion; Microwave Radiation; Petroleum Wastes - Spillage; Thermal Pollution; ...2.0864

HEAT AND MOISTURE CONDUCTION IN UNSATURATED SOILS ...Energy Conversion; Mathematical Models; Saturated - Unsaturated Soils; Soil Thermal Properties; Thermal Pollution; ...2.1160

PROCESS CONTROL MODEL FOR OXYGEN REGENERATION OF POLLUTED RIVERS ...Aeration (water); Benefit-cost Analysis; Information Control Theory; Mathematical Analysis; Model Studies; Systems Analysis - Water Mgmt; ...2.1335

THERMAL WATER DEMONSTRATION PROJECT ...Agricultural Studies -general; Benefit-cost Analysis; Heat Recovery, Industrial; Pilot Plants; Technology - Social Impact; Thermal Pollution; Water Utilization -animal; Welfare Economics; ...2.1389

REDUCTION OF RADIOISOTOPES IN HANFORD REACTOR EFFLUENTS ...Effluents - Waste Water; Energy Conversion; Nuclear Power; Nuclear Reactors; Radioactive Isotopes; Water Pollution Sources; ...2.1445

THERMAL AND CONVENTIONAL RIVER POLLUTION ...Chemical Water Properties; Effluents - Waste Water; Legislation - Zoning; Tennessee River; Water Quality Control -general; ...2.1472

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

PHARMACEUTICALS RESEARCH ...Animal Productivity; Coelenterata; Invertebrate Physiology; Sphyraenidae; Toxicology; ...2.1528

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Induced Temperature; Marine Plants; Population Dynamics -general; Thermal Pollution; ...2.1532

GREAT LAKES ECOLOGY STUDY ...Aquatic Ecology - Animal; Chemical Analysis (water); Ecological Effects; Environmental Ecology; Lakes; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1546

LAKE MICHIGAN THERMAL STUDIES ...Dispersion (water); Forecasting - Prediction; Physical Models; Water Temperature Recorders; ...2.1547

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Embryology -basic; Estuaries; Invertebrate Physiology; Marine Animals; Population Dynamics -general; Temperature (water); ...2.1567

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Benthic Fauna; Energy Conversion; Estuaries; Fish & Shellfish Biology; Maine; Physical Water Properties; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1568

MONITOR FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ON LAKE MICHIGAN ...Aquatic Ecology - Animal; Contamination - Water; Fish; Michigan; Physcal Effects; ...2.1595

MONITORING FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ...Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Lake Michigan; Nets; Salmonidae; Thermal Pollution; ...2.1596

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Biological Water Properties; Chemical Water Properties; Energy Conversion; Fish; Missouri River; Temperature (water); ...2.1633

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bays; Ecological Effects; Energy Conversion; Invertebrate Physiology; Long Island Sound; Mollusca; Population Dynamics - general; Temperature (water); Zooplankton; ...2.1638

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies; Effluents - Waste Water; Environmental Physiology; Invertebrate Physiology; Nuclear Reactors; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1708

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

A MATHEMATICAL ANAYSIS OF THERMAL POLLUTION OF LAKES AND ESTUARIES ...Environmental Aspects; Estuaries; Lakes; Thermal Pollution; Water Pollution Effects; ...2.1739

SIMULATION MODELING OF THERMAL EFFECTS ON SELECTED RIVER SYSTEMS ...Development of Models; Energy Conversion; Illinois River; Model Studies; River Basins; Water Pollution Effects; ...2.1754

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Conflicts; Ecological Effects; Electric Power Plants; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...2.1755

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Columbia River; Dyes; Electric Power Plants; Filtration; Model Studies; Power Plants -see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

HYDRO-ENVIRONMENTAL EVALUATION OF NUCLEAR POWER PLANTS ...Electric Power Plants; Energy Conversion; Survey Studies (water); Thermal Pollution; ...2.1757

EFFECTS OF MODIFICATIONS ON THE COLUMBIA RIVER ...Animal Productivity; Benthic Fauna; Commercial Fishing; Electric Power Plants; Environmental Ecology; Salmo Gairdneri; Thermal Pollution; ...2.1758

SIMULATION MODELING OF ENVIRONMENTAL EFFECTS OF THERMAL GENERATION ...Columbia River; Electric Power Plants; Environment; Great Lakes -see Specific Lake; Model Studies; Simulation Theory; ...2.1759

REGIONAL MODELING OF SURFACE WATER TEMPERATURES FROM PROJECTED POWER GROWTH ...Computer Models; Forecasting - Prediction; Mississippi River; River Basins; Thermal Pollution; ...2.1760

THE ENVIRONMENT AND TECHNOLOGICAL ASSESSMENT ...Environmental Effects - Human; Filtration; Lake Tahoe; Management (water); Rate of Mutation; ...2.1917

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Generators; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

TREATMENT AND DISPOSAL OF CONDENSATE WASTES FROM HIGH LEVEL WASTE SOLIDIFICATION PROCESSES ...Crystallization; Distillation; Fuel; Nuclear Reactors; Temperature Effects; Waste Management -see Specific; ...5.0339

THE STUDY OF THE LIFE HISTORY OF RADIONUCLIDES RELEASED INTO A MARINE AND TERRESTRIAL ECOSYSTEM AT THE SITE OF A SMALL BOILING-WATER REACTOR ...Hydrogen; Marine Biology - General; Model Studies; Reactor Sites & Rad Waste; Water Cycle; ...5.0010

AEC OFF-SITE RADIOLOGICAL SAFETY PROGRAM ...Food Contamination; Nuclear Detonations; Radioactive Fallout; Radioactivity; Thermoluminescent Detectors; ...5.0030

CIVIL DEFENSE IMPLICATIONS OF A NUCLEAR POWER REACTOR IN A THERMONUCLEAR TARGET AREA ...Civil Defense; Core Reactors; Fission Products-see Radioact.; Nuclear Detonations; Nuclear Power; Radiation, Lethal Dose, X and Gamma Rays; ...5.0070

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americum; Environment; Krypton; Mammals -nonspecific; Radioactive Pollution -ns; River Basins; Water Pollutants - Path of; ...5.0073

COLUMBIA RIVER STUDIES, 1970-1971 ...Columbia River; Energy Conversion; Ionizing Radiation -see Rad.; Ostreidae (oyster); Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...5.0762

RADIATION SAMPLING IN ANTARCTICA ...Antarctica; Energy Conversion; Nuclear Reactors; Spectrographic Techniques; Waste Disposal; Water Pollution Sources; ...5.0810

ENVIRONMENTAL RADIATION STUDIES ...Cosmic Rays; Dose Rate, Dose Fractionation; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies -general; Water Pollution Sources; ...5.0881

RADIOCHEMICAL METHODS AND MEASUREMENTS ...Contamination - Water; Radioactive Contamination; Radioisotopes - nonspecific; Radiologic Health; Reactor Sites & Rad Waste; Water Pollution Sources; ...5.0908

MECHANISMS OF ENVIRONMENTAL EXPOSURE ...Columbia River; Environmental Effects - Human; Radiologic Health; Washington; Zinc; ...5.0958

Attitudes & Attitude Change

ECONOMICS OF ENVIRONMENTAL EFFECTS ON SEASONAL HOMES ...Access; Cost-benefit Analysis; Environmental Effects - Human; Landscaping; Methods - Recreation; Recreation, Water Resources; Water Pollution -see Specifics; ...1.0441

HEDONIC EVALUATION OF ODORS ...Air Pollution -see Specifics; Air Pollution Analysis; Noise -see Noise; Sensory & Perceptual Processes; Urban Research -general; ...1.0513

EFFECT OF CHANGES IN AIR QUALITY ON COMMUNITY ATTITUDES, INFORMATION SEEKING, AND KNOWLEDGE ...Psychology; Urban Research -general; ...1.0530

A STUDY OF PUBLIC ATTITUDES AND MULTIPLE OBJECTIVE DECISION CRITERIA FOR WATER POLLUTION CONTROL PROJECTS ...Decision Theory; Management; Markov Chains; Simulation Theory; Water Pollution Abatement; Water Quality -general; Water Resources Planning; ...2.1818

WATER QUALITY CRITERIA FOR SELECTED RECREATION USES ...Multivariate Analysis; Recreation, Water Resources; Social Aspects, Survey Studies (water); Water Pollutant Identification; Water Quality -general; ...2.1827

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Air Pollution -see Specifics; Cost-benefit Analysis; Economics of Natural Resources; Northeast U. S.; Types of Resources; ...2.1837

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

A SURVEY OF ATTITUDES TOWARDS THE MISSISSIPPI RIVER AS A TOTAL RESOURCE IN MINNESOTA ...Legal Studies; Mississippi River; Social Aspects; Water Quality Control - general; Water Standards & Baselines; ...2.1856

SOCIAL ECONOMIC FACTORS IN THE ADOPTION BY INDUSTRY OF WATER POLLUTION CONTROL MEASURES ...Data Reduction and Analysis; Industry; Minnesota; Social Aspects; Social Change; Statistics; Water Quality Control -general; ...2.1857

USER ATTITUDES TOWARD WATER QUALITY AND PRICE ...Nevada; Price & Value -see Economics; Social Aspects; Survey Studies (water); Water Costs; Water Quality -general; ...2.1867

SOME LEGAL, SOCIAL AND ECONOMIC PROBLEMS OF GROUNDWATER POLLUTION ...Legal Studies; Sewage Treatment Plant; Water Costs; Water Quality Control -general; ...2.1910

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Economics -recreation; Environmental Effects - Human; Recreation, Outdoor; Recreation, Water Resources; Safety - Recreation; Seasonal Homes; Water Pollution -see Specifics; ...2.1921

ATTITUDES, OPINIONS AND GOALS CONCERNING REGIONAL RESOURCE PLANNING AND DEVELOPMENT ...Computer Methods -general; Economic Planning; Government - see Federal Gov.; Regional Economics; River Basins; Vermont; ...2.1922

ILLINOIS CONSUMERS' REACTION TO USE OF PEST CONTROL ON AGRICULTURAL PRODUCTS ...Consumer Attitudes- Pesticides; Demography; Home Economics; Illinois; Pesticide Toxicity in Humans; Pesticides -nonspecific; Residues in Foods; ...4.0303

Audio Frequencies -see Noise

SOUND PROPAGATION AND ATTENUATION CHARACTERISTICS OVER A HEAVILY VEGETATED TERRAIN ...Electromagnetic Propagation; Electronic Detection, Tracking, Noise; Signal Analysis; Sound Attenuation Acoustics; Terrain Analysis; Topography; ...6.0001

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels; Altitude; Evapotrans-

piration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall f Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

TRAFFIC NOISE ...Noise; Traffic Engineering, ...6.0045

Auditory Physiology

DELAYED SENSORY EFFECTS OF PRENATAL IRRADIATION ...Developmental Physiology; Learning and Retention; Psychology; Radiation, Low Level; Sensory & Perceptual Processes; X and Gamma Rays; ...5.0681

WHOLE-BODY EFFECTS OF AIR FORCE NOISE ON PEOPLE ...Aviation Medicine; Infra Red; Noise; Performance - Behavioral Study; Sensory & Perceptual Processes; Ultrasonic -bioeffects; ...6.0010

NOISE INDUCED DEAFNESS - MASKING AND SPEECH PERCEPTION ...Auditory Stress; Hearing Loss and Deafness; Learning and Retention; Noise; Occupational Hazards; Psychology; Sensory & Perceptual Processes; ...6.0070

COMMUNICATIONS--FUNDAMENTAL INFORMATION TO GUIDE THE DESIGN OF NAVY AUDITORY DISPLAYS ...Acoustics; Military Personnel; ...6.0072

DEVELOPMENT OF DAMAGE RISK CRITERIA AND HABITABILITY STANDARDS FOR EXPOSURE TO SONAR TRANSMISSIONS ...Noise; Signal Analysis; Sound Attenuation Acoustics; Submarine & Diving Medicine; ...6.0075

PERSONNEL TECHNOLOGY - NAS/NRC ADVISORY SERVICES ON OPERATIONAL PROBLEMS OF VISION AND HEARING ...Acoustics; Aviation Medicine; Consultants, Advisory Services; Military Personnel; Pilots; Vibrations, -bioeffects; ...6.0077

TRAUMATIC ORIGINS OF HEARING LOSS ...Hearing Loss and Deafness; Monkey; Noise; Toxic Substances, Trauma; Vibrations, -bioeffects; ...6.0083

HEARING AND VOCAL OUTPUT ...Muridae; Noise; Psychological Response; Sensory & Perceptual Processes; Sonic Spectrograph; Sound Production; ...6.0084

THE DETERMINATION OF SUSCEPTIBILITY TO HEARING LOSS ...Auditory Stress, Hearing Loss and Deafness, Learning and Retention; Psychology; Rodentia -other; ...6.0090

RESEARCH ON PERMANENT AND TEMPORARY SHIFTS IN HEARING THRESHOLD PRODUCED BY EXPOSURE TO AIR FORCE NOISE ...Hearing Loss and Deafness, Noise, Stressors, Physiological; ...6.0101

AUDITORY RESPONSES TO ACOUSTIC ENERGY EXPERIENCED IN AIR FORCE ACTIVITIES ...Acoustics; Hearing Loss and Deafness; Noise; Trauma; ...6.0102

RESEARCH INTO ACOUSTIC MEASUREMENTS, HEARING AND PSYCHOACOUSTICS, AND THE INVESTIGATION OF VARIOUS NOISE PROBLEMS, INCLUDING MOTOR VEHICLES ...Acoustics, Automobile & Components; Automobiles; Noise; Noise Abatement; Sensory & Perceptual Processes; ...6.0115

Australia

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Contamination - Water; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Seismology; Strontium; ...1.0025

HIGH ALTITUDE BALLOON SAMPLING PROGRAM (PROJECT HIBAL) ...Air Pollution Sampling; Atmospheric Structure; Fallout -see Radioactive; Radioactive Fallout; Stratosphere; ...1.0668

FIELD MEASUREMENTS OF ATMOSPHERIC TURBULENCE ...Atmospheric Dynamics; Bomex; Lake Michigan; Mathematical Models; Weather Forecasting; ...1.0699

RIVER MURRAY SALINITY (SPECIAL PROGRAMME) ...Data Acquisition; Flow Characteristics (water); Saline Water Intrusion; Salinity (water); Water Quality Control -general; ...2.0025

THE GEOLOGY, HYDROLOGY AND CONTAMINATION OF SHALLOW COASTAL AQUIFERS IN THE ROCKINGHAM DISTRICT, WESTERN AUSTRALIA ...Aquifers; Coastlines - Shorelines; Geology -general; Soil Tillage; Water Quality -general; ...2.0026

RIVER MURRAY SALINITY SURVEY IN SOUTH AUSTRALIA ...Chemical Analysis (water); Data Networks; Waste Treatment; Water Quality Control -general; ...2.0482

COMPARISON OF MULTIPLE TUBE & MEMBRANE FILTER TECHNIQUES FOR COUNTS OF COLIFORM, FAECAL COLI & ENTEROCOCCI IN TROPICAL WATERS ...Coliforms -nonspecific; Filtration; Intestinal Bacteria; Marine Plants; Sewage Bacteria; Tropical Regions; ...2.0483

VIABILITY OF INDICATOR BACTERIA, COLIFORM, FAECAL COLI & ENTEROCOCCI IN VARIOUS TROPICAL WATERS OF THE NORTHERN TERRITORY INCLUDING SEAWATER ...Bioindicators; Intestinal Bacteria; Sewage Bacteria; Water Pollutant Identification; ...2.0484

POLLUTION OF BOTANY SAND BEDS ...Reservoirs and Impoundments; Water Pollutant Identification; ...2.0485

WATERBORNE DISEASE ETIOLOGY ...Animal Pollutant Sources; Czechoslovakia; Florida; Food Contamination; Protozoa; Virginia; Water Wells; ...2.0715

INVESTIGATION INTO THE POSSIBLE AGRICULTURAL USE OF RECONDITIONED WATER FROM THE PROPOSED SOUTH-EASTERN PURIFICATION PLANT ...Foreign Agriculture; Recycle Water; Waste Treatment; Water Reuse; Water Utilization -plant; ...2.0873

WATER AND WASTE WATER PURIFICATION ...Demineralization; Desalination; Ion Exchange; Pilot Plant Design; Waste Water Treatment -general; ...2.1161

ENVIRONMENTAL STUDY OF PORT PHILLIP BAY ...Algae - nonspecific; Bays; Color (water); Environment; Organic Matter; Waste Treatment; Water Quality Control -general; ...2.1485

LEGAL ASPECTS OF WATER RIGHTS AND WATER QUALITY IN EASTERN STATES ...Appropriation; Eastern U. S.; Legal Review; Riparian Rights; Water Allocation; Water Quality - general; Wisconsin; ...2.1931

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION ...Atrazine; Bromacil; Citrus; Diuron, Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

GLOBAL DISTRIBUTION AND INVENTORY OF SR-90 AND OTHER FISSION PRODUCTS ...Brazil; Fallout -see Radioactive; Fission Products-see Radioact.; Washington; ...5.0882

STUDIES IN IODINE METABOLISM ...British Isles; Digestive System - Human; Iodine; Japan; Radiation Effects - Biological; Radiologic Health; ...5.0920

Auto Exhaust -see Air Poll.

FURNISHING NOTICE OF RESEARCH PROJECTS RELATIVE TO ALL BIOLOGICAL INFORMATION ...Air Pollution -see Specifics, Asbestos; Carbon Monoxide; Chlorine; Lead; Pollens - see Air Pollution; Zinc; ...1.0193

CONTINUE COLLECTION OF DATA ON THE EFFECTS OF CHRONIC EXPOSURE OF BEAGLE DOGS TO NITROGEN OXIDES AND/OR AUTO EXHAUST ...Air Pollution -see Specifics; Canidae; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; ...1.0271

INFLUENCE OF ENVIRONMENT, CHEMICAL ADDITIVES AND AIR POLLUTANTS ON APPARENT PHOTOSYNTHESIS AND RESPIRATION ...Absorption (incl. Adsorption); Industrial Pollution -general; Lactuca; Nitrogen and Nitrogen Cpds.; Parathion; Phaseolus; Respiration; ...1.0324

INVESTIGATIONS IN THE THERAPY OF BOVINE LEAD POISONING ...Animal Pharmacology; Bos; Chelation & Complexing, Lead; ...1.0360

RELATIONSHIP OF LEAD IN THE AIR, SOIL AND PLANTS TO PROXIMITY TO HIGHWAY TRAFFIC ...Absorption (incl. Adsorption); Air Pollution -see Specifics; Cars; Lead; Roads & Highways -see Highways; Soil Aeration; Soil Chemical Properties; Wind -see Air Motion; ...1.0368

ACCUMULATION OF HEAVY METALS IN PLANTS NEAR LOW AND HIGH TRAFFIC DENSITIES ...Herbicides and Other Chem; Ornamentals; ...1.0403

PLANT GROWTH RESPONSES TO AIR POLLUTANTS ...Air Pollution -see Specifics; Growth; Herbicides and Other Chem, Metabolism; Sulfur Dioxide; Transpiration and Evap; ...1.0415

ANALYTICAL METHODS FOR AROMATICS IN AUTO EXHAUST ...Air Pollution-chemistry; Chemical Carcinogenesis, Combustion; Gas Chromatography; Trace Analysis; ...1.0739

DEFINITION AND ANALYSES OF HIGHER MOLECULAR WEIGHT ALDEHYDES ...Air Pollution -see Specifics; Aldehydes -nonspecific; Biochemical Analysis - Tissues; Combustion; Toxicology; ...1.0753

A UNIFIED APPROACH TO WATER, FOOD AND POWER IN A COASTAL DESERT COMMUNITY ...Arid and Desert Regions, Desalination; Electric Power Plants; Humidity; Mexico; Temperature - Air; ...2.1157

Automatic Weather Stations

METEOROLOGY FOR NUCLEAR REACTORS ...Atmospheric Dynamics; Fluid Mechanics; Ohio; Radioactivity; Urban Research -general; ...1.0027

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

INADVERTENT MODIFICATION ...Energy Conversion; Heat Balance - Budget; Particulates - Air Pollution; Weather Modification; ...1.0329

DESIGN DETAILED PERFORMANCE SPECIFICATIONS FOR THE DIFFERENT TYPES OF AIR QUALITY SURVEILLANCE NETWORKS ...Air Pollution Monitoring; Air Pollution Sampling; Surveillance, Electronic; ...1.0489

MONITOR STATE, REGIONAL, AND LOCAL PARTICULATE SURVEILLANCE SYSTEMS ...Air Pollution -see Specifics; Air Pollution Sampling; Particulates - Air Pollution; ...1.0757

TURBIDITY NETWORK ...Aerosols; Climatology; Energy-radiation; Optics; Visible Light; ...1.0769

OPERATE NATIONAL PARTICULATE NETWORK AT AN INCREASED SAMPLING FREQUENCY ...Air Pollution -see Specifics, Air Pollution Sampling; Particulates - Air Pollution; ...1.0770

OPERATE A SPECIAL PARTICULATE NETWORK UTILIZING MEMBRANE FILTER SAMPLERS ...Air Pollution -see Specifics; Air Pollution Sampling, Air Pollution-chemistry; Asbestos; Membranes; Particulates - Air Pollution; Trace Elements; ...1.0771

OPERATE A NETWORK OF CONTINUOUS MONITORING RESEARCH STATIONS (CAMP) ...Air Pollution; Air Pollution Monitoring; Cars; Combustion; Combustion Air Pollution-gen; Fuels; Lead; ...1.0783

OPERATE A NATIONAL NETWORK FOR SAMPLING GASEOUS POLLUTANTS AT AN INCREASED FREQUENCY ...Air Pollution Sampling; Chlorine; Gases; Mercury; ...1.0816

OPERATE A NETWORK FOR THE COLLECTION OF PRECIPITATION ...Atmospheric Dynamics; Precipitation; Precipitation Instruments; Soil Chemical Properties; ...2.0708

OPERATE A RADIATION ALERT NETWORK ...Air Pollution Sampling; Beta Particles; Instrumentation; Radioactivity; Radiologic Health; ...5.0986

Automobile & Components

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Business; Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation; Water Resources; Sprinkler Irrigation; Types; Water Quality Control - general; ...2.1868

DEVELOPMENT OF HYDROSTATIC POWER TRANSMISSIONS SYSTEMS TO IMPROVE PERFORMANCE - INVESTIGATION OF PARAMETERS WHICH INTRODUCE NOISE ...Hydraulics; Noise; ...6.0044

TRAFFIC NOISE ...Highway Classification; Noise; Passenger Service; ...6.0046

NOISE FROM MOTOR VEHICLES ...Noise; ...6.0047

CORROSION OF EXHAUST SILENCERS IN SERVICE ...Automotive Application; Characteristics; Coatings -see Materials; Control Devices; Corrosion, Deterioration; Noise; ...6.0048

REDUCTION OF COMMERICAL-VEHICLE ENGINE NOISES BY ACOUSTIC TREATMENTS APPLIED TO THE VEHICLE ...Acoustic Instrumentation; Engine; Noise; Spark Ignition; ...6.0049

MEASUREMENT OF NOISE EMITTED BY MOTOR VEHICLES ...Legal Studies; Noise; ...6.0050

RESEARCH INTO VARIOUS ASPECTS OF MOTOR VEHICLES INCLUDING NOISE, DYNAMIC BEHAVIOR, SAFETY, AERODYNAMICS AND AIR POLLUTION ...Engine; Engineering Mechanics; Engines; Fluid Mechanics; Noise; ...6.0051

RESEARCH INTO ACOUSTIC MEASUREMENTS, HEARING AND PSYCHOACOUSTICS, AND THE INVESTIGATION OF VARIOUS NOISE PROBLEMS, INCLUDING MOTOR VEHICLES ...Acoustics; Auditory Physiology; Automobiles; Noise; Noise Abatement; Sensory & Perceptual Processes; ...6.0115

Body

VEHICLE AND HIGHWAY SAFETY ON WINTER TIRES, WINDSCREENS, BRAKING SYSTEMS AND AIR POLLUTION ...Automotive Application; Brake; Ceramics; Combustion; Pavement; Tires; Traffic Engineering; ...1.0056

AIR POLLUTION CONTROL COSTS ASSOCIATED WITH SOLID WASTE DISPOSAL ...Air Pollution-chemistry; Inorganic Gases; Particulates - Air Pollution; Waste Type; ...1.0463

Brake

VEHICLE AND HIGHWAY SAFETY ON WINTER TIRES, WINDSCREENS, BRAKING SYSTEMS AND AIR POLLUTION ...Automotive Application; Body; Ceramics; Combustion; Pavement; Tires; Traffic Engineering; ...1.0056

Characteristics

ASSIST OCS IN THE DEVELOPMENT OF COMPUTERIZED SYSTEM FOR PROJECTING MOTOR VEHICLE EMISSIONS AND SUPPLY ADJUNCT ANALYSES ...Air Pollution; Engine; Nitrogen and Nitrogen Cpds.; Traffic Engineering, Trucks; ...1.0093

POLLUTION OF MICHIGAN URBAN ATMOSPHERES BY HIGHWAY GENERATED NOISE ...Highway Classification; Michigan; Noise; Urban Research -general; ...6.0036

CORROSION OF EXHAUST SILENCERS IN SERVICE ...Automobile & Components; Automotive Application; Coatings -see Materials; Control Devices; Corrosion, Deterioration; Noise; ...6.0048

Control Devices

CORROSION OF EXHAUST SILENCERS IN SERVICE ...Automobile & Components; Automotive Application; Characteristics; Coatings -see Materials; Corrosion, Deterioration; Noise; ...6.0048

Engine

THE VARIOUS POLLUTING SUBSTANCES EMITTED IN DIESEL ENGINE EXHAUST GASES ...Air Pollution-chemistry; Combustion; Diesel; Engines; Fuels; ...1.0003

CALIFORNIA ASSEMBLY - STEAM BUS ...Buses -see Transportation; Costs -see Economics Entries; Engines; External Combustion Engines; Noise; Spark Ignition; ...1.0017

STUDY OF RELATIONSHIP OF ENGINE DETERIORATION TO EXHAUST EMISSIONS ...Cars; Engines; ...1.0033

STUDY BY CONTRACT THE INDOOR-OUTDOOR POLLUTION RELATIONSHIPS AT AN AIR-RIGHTS STRUCTURE AND A CANYON TYPE STRUCTURE ...Air Pollution-chemistry; Cars; Combustion; Engines; Lead; Particulates - Air Pollution; Urban Research -general; ...1.0090

ASSIST OCS IN THE DEVELOPMENT OF COMPUTERIZED SYSTEM FOR PROJECTING MOTOR VEHICLE EMISSIONS AND SUPPLY ADJUNCT ANALYSES ...Air Pollution; Characteristics; Nitrogen and Nitrogen Cpds.; Traffic Engineering, Trucks; ...1.0093

EFFECTS OF IMPROVED FUEL ATOMIZATION - VAPORIZATION AND MIXING ON EMISSIONS FROM MOBILE SOURCES ...Combustion; Engines; Spark Ignition; ...1.0120

AN ENGINEERING STUDY OF LP GAS AS AUTOMOTIVE FUEL ...Combustion; Engines; Fuel-systems; Fuels; Lead; ...1.0122

EFFECT OF FUEL VOLATILITY ON AUTOMOTIVE EMISSIONS ...Air Pollution-chemistry; Combustion; Engines; Fuels; Photochemical Reactions; ...1.0123

AIR & WATER POLLUTION PPBS-20-55-12 FUELS COMBUSTION RESEARCH ...Combustion; Diesel; Engines; Fuels; Gas Chromatography; Oxidants; ...1.0125

PARAMETRIC STUDY OF PETROL ENGINE PERFORMANCE, EFFICIENCY AND EXHAUST COMPOSITION ...Air Pollution-chemistry; Combustion; Engines; Nitrogen and Nitrogen Cpds.; Spark Ignition; ...1.0150

ATMOSPHERIC POLLUTION BY GASOLINE ENGINES ...Air Pollution; British Isles; California; Engines; Gases; Legal Studies; ...1.0151

KINETICS OF NITROGEN-OXIDE AUTOMOTIVE POLLUTION ...Air Pollution-chemistry; Combustion; Degradation; Engines; Fuels; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0163

COMBUSTION PROCESS ANALYSIS ...Combustion; Engines; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0166

A STUDY OF SURVEILLANCE INSPECTION AND MAINTENANCE PROCEDURES FOR MINIMIZING AUTOMOBILE

EXHAUST EMISSIONS (CAPE-13) ...Engines; Spark Ignition; ...1.0537

CONTROL OF PARTICULATE EMISSIONS FROM GASOLINE ENGINES ...Air Cleaning Devices; Combustion, Fluidized Bed Reactor; Particulates - Air Pollution; ...1.0552

EVALUATION OF EMISSION CONTROL SYSTEMS FOR EXISTING VEHICLE ...Air Cleaning Devices; Costs -see Economics Entries; Engines; Legal Studies; ...1.0570

DEVELOPMENT OF IMPROVED NOX CONTROL FOR DIESEL ENGINES ...Air Cleaning Devices; Diesel; Engines; Power Plants -see Specifics; Spark Ignition; ...1.0573

DIESEL EMISSION CONTROL ...Air Cleaning Devices; Combustion; Environmental Aspects; Fuels; Odor; ...1.0574

LOW EMISSION ULTRABAN PISTON ...Cars; Engines; ...1.0577

REDUCTION OF EMISSION CONTROL SYSTEM DEGRADATION ...Air Cleaning Devices; Air Pollution-chemistry; Combustion; Engines; ...1.0580

CARBURETORS - REDUCTION OF EXHAUST EMISSIONS ...Air Cleaning Devices; Engines; Spark Ignition; ...1.0582

EVALUATE CONTROL TECHNOLOGY APPLICABLE TO MOTOR VEHICLES AND STATIONARY SOURCES ...Air Cleaning Devices; Engines; ...1.0614

RESEARCH ON THE REMOVAL OF NOXIOUS COMPOUNDS FROM WASTE GASES; STUDY OF POLLUTION FROM MOTOR VEHICLE EXHAUST ...Air Cleaning Devices; Engines; Furnace and Incinerator Design; Urban Research -general; ...1.0654

MOLECULAR-BEAM SAMPLING FROM CYCLING-PRESSURE SOURCES ...Combustion; Engines; Mechanism Determination; Spark Ignition; ...1.0673

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution Control Systems; Air Pollution-chemistry; Chemical Analysis - general; Combustion; Energy Conversion; Engines; Inorganic Gases; Radiometric Analysis; ...1.0721

COLD START SURVEILLANCE TESTS OF NEW VEHICLES ...Diesel; Engines; Spark Ignition; Trucks; ...1.0728

MONITOR LIGHT DUTY MOTOR VEHICLE EXHAUST EMISSIONS INSPECTION GRANT PROGRAMS ...Cars; Data Reduction and Analysis; Engines; ...1.0740

ATMOSPHERIC POLLUTION BY DIESEL ENGINES ...Air Pollution Monitoring, Combustion; Diesel Equipment; Engines; Smoke; ...1.0850

STUDY OF THE NOISE PRODUCED BY TRANSPORTATION EQUIPMENT, DEVICES POWERED BY INTERNAL COMBUSTION ENGINES - STUDY OF COMMUNITY NOISE ...Environmental Effects - Human; Noise; Sound Attenuation Acoustics, Spark Ignition; ...6.0023

REDUCTION OF COMMERICAL-VEHICLE ENGINE NOISES BY ACOUSTIC TREATMENTS APPLIED TO THE VEHICLE ...Acoustic Instrumentation; Automobile & Components; Noise, Spark Ignition, ...6.0049

RESEARCH INTO VARIOUS ASPECTS OF MOTOR VEHICLES INCLUDING NOISE, DYNAMIC BEHAVIOR, SAFETY, AERODYNAMICS AND AIR POLLUTION ...Automobile & Components, Engineering Mechanics; Engines; Fluid Mechanics; Noise; ...6.0051

Fuel-systems

AN ENGINEERING STUDY OF LP GAS AS AUTOMOTIVE FUEL ...Combustion; Engine; Engines; Fuels; Lead; ...1.0122

AIR & WATER POLLUTION PPBS-20-55-12 FUELS COMBUSTION RESEARCH ...Combustion; Diesel; Engines; Fuels; Gas Chromatography; Oxidants; ...1.0125

LOW EMISSION FUELS FOR VEHICLES ...Air Pollution-chemistry; Combustion; Engines; Fuels; Heat Recovery, Industrial; Thermal Decomposition; ...1.0539

DIESEL EMISSION CONTROL ...Air Cleaning Devices; Combustion; Engine; Environmental Aspects; Fuels; Odor; ...1.0574

Tires

VEHICLE AND HIGHWAY SAFETY ON WINTER TIRES, WINDSCREENS, BRAKING SYSTEMS AND AIR POLLUTION ...Automotive Application, Body; Brake; Ceramics; Combustion; Pavement; Traffic Engineering; ...1.0056

TIRE SOUND GENERATION INVESTIGATION ...Automobiles; Noise; Sensory & Perceptual Processes; ...6.0028

TRAFFIC NOISE ...Noise; Pavement; Structural Design; ...6.0033

Automobiles

TIRE SOUND GENERATION INVESTIGATION ...Noise; Sensory & Perceptual Processes; Tires; ...6.0028

OPERATOR COMFORT, HEALTH AND SAFETY IN MOBILE AGRICULTURAL OPERATIONS ...Agricultural Studies -general; Equipment Design; ...6.0038

RESEARCH INTO ACOUSTIC MEASUREMENTS, HEARING AND PSYCHOACOUSTICS, AND THE INVESTIGATION OF VARIOUS NOISE PROBLEMS, INCLUDING MOTOR VEHICLES ...Acoustics; Auditory Physiology; Automobile & Components; Noise; Noise Abatement; Sensory & Perceptual Processes; ...6.0115

EFFECTS OF NOISE EXPOSURE ON VEHICLE OCCUPANTS ...Noise; Passenger Service; ...6.0116

Aviation Medicine

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aircraft; Detectors and Sensors; Military Personnel; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Tobacco -cigars; Toxic Substances; ...1.0194

TOXIC EFFECTS OF AIR FORCE CHEMICALS AND MATERIALS ...Air Pollution -see Specifics; Environmental Effects - Human; Mammals -nonspecific; Military Personnel; Occupational Hazards; Toxic Substances; Toxicology; ...1.0218

PERFORMANCE DECREMENTS IN AIR CREWS EXPOSED TO CONTAMINATED LIFE SUPPORT GASES ...Accident; Air Pollution -see Specifics; Mammals -nonspecific; Performance - Behavioral Study; Psychology; Toxicology; ...1.0301

DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR THE MEASUREMENT OF TRACE CONTAMINANTS IN AIR FORCE MANNED WEAPON SYSTEMS ...Controlled Atmosphere; Electron Spectroscopy; Military Personnel; Respiratory Irritants, Inhaled; Trace Analysis; ...1.0848

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Environmental Hazards; Ionizing Radiation - see Rad., Neutron -see Radiation; Protons; Radiation Sensitivity - man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

EFFECTS OF PRENATAL AND EARLY POSTNATAL IRRADIATION ...Developmental Physiology; Muridae; Radiation Effects - Biological; Radiation, Whole Body; ...5.0571

EFFECTS OF IRRADIATION UPON AIRCREW EQUILIBRIUM ...Environmental Effects - Human; Nuclear Warfare; Pilots; Radiologic Health; ...5.0698

PATHOLOGICAL RESPONSES TO SELECTED AEROSPACE ENVIRONMENTS ...Altitude; Environmental Effects - Human; Laser Effects -bioeffects; Microorganisms -nonspecific; Radiation Effects - Biological; Toxic Substances; X and Gamma Rays; ...5.0703

BIOLOGICAL EFFECTS OF RADIATION EXPOSURES FROM LONG DURATION FLIGHTS AND REPEATED MISSIONS IN LOW DOSE LEVEL ENVIRONMENTS ...Altitude; Beta Particles; Military Personnel; Nuclear Warfare; Pilots; Radiation, Low Level; X and Gamma Rays; ...5.0704

RADIATION PRODUCED BRAIN INJURY - AIRCREW PERFORMANCE DECREMENT ...Primates -nonspecific; Psychology; Radiation Effects - Biological; Radiation Sources -general; ...5.0705

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Aircraft; Altitude; Cosmic Rays; Radiation Injury Prevention; ...5.0862

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Air Occupation - Avocation; Protons; Radioactivity; Spectrographic Techniques; ...5.0863

CONCORDE RADIATION WARNING DEVICE TESTS ...Aerospace Studies; Altitude; Cosmic Rays; Radiation Injury Prevention; Warning Systems; ...5.0912

WHOLE-BODY EFFECTS OF AIR FORCE NOISE ON PEOPLE ...Auditory Physiology; Infra Red; Noise; Performance - Behavioral Study; Sensory & Perceptual Processes; Ultrasonic - bioeffects; ...6.0010

MECHANISMS OF NOISE GENERATION, PROPAGATION AND RECEPTION AS RELATED TO AIR FORCE BIOACOUSTIC PROBLEMS ...Acoustics; Aircraft; Communication; Noise; Sensory & Perceptual Processes; Sound Attenuation Acoustics; ...6.0011

CONTROL OF HUMAN EXPOSURE TO ACOUSTIC ENERGY GENERATED BY AIR FORCE ACTIVITIES ...Electronic Control Systems; Environmental Effects - Human; Noise; Noise Abatement; ...6.0013

AIR CREW PERSONNEL NOISE EXPOSURE ...Aerospace Studies; Aircraft; Fatigue; Noise; Noise Abatement; Pilots; Sensory & Perceptual Processes; ...6.0014

PERSONNEL TECHNOLOGY - NAS/NRC ADVISORY SERVICES ON OPERATIONAL PROBLEMS OF VISION AND HEARING ...Acoustics; Consultants, Advisory Services; Military Personnel; Pilots; Vibrations, -bioeffects; ...6.0077

OPTIMIZATION OF SPEECH COMMUNICATIONS IN NAVAL AVIATION ...Military Personnel; Noise; Pilots; Stressors, Physiological; ...6.0079

Aviation Safety

JET AIRCRAFT AIR POLLUTION ...Air Pollution -see Specifics; Aircraft; ...1.0040

SOLID WASTE DISPOSAL AND BIRD HAZARD TO AIRCRAFT ...Charadriiformes; Landfills -see Water Pollution; Passeriformes; Spawn Or Nesting Sites; ...3.0070

Bacteria

Aerobacter Aerogenes

COLIBACTERIOPHAGES AS VIRUS INDICATORS IN WATER AND WASTEWATER ...Bacterial Identification; Bacterial Population Surveys; Bacteriophage; Effluents - Waste Water; Escherichia Coli; Viral Pollutant Sources; Water Pollutant Identification; ...2.0589

DETECTION AND SIGNIFICANCE OF KLEBSIELLA IN WATER ...Algal Physiology; Bacterial Identification; Bacterial Population Surveys; Marine Plants; ...2.0837

Aerobic Bacteria

BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL ...Bacterial Pollutant Sources; Delaware Bay; Forecasting - Prediction; Recreation, Water Resources; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0756

AEROBIC, HETEROTROPIC BACTERIA IN ESTUARIES ...Adenosine Triphosphate; Anaerobic Bacteria; Bacterial Identification; Degradation -see Pesticide Deg; Heterotrophic Bacteria; Marine Plants; Organic Matter; ...2.0995

MICROBIOLOGICAL CHARACTERIZATION OF ACTIVATED SLUDGE IN A WASTEWATER TREATMENT PLANT CHEMICALLY MODIFIED FOR PHOSPHORUS REMOVAL ...Activated Sludge; Bacterial Identification; Cellular Physiology- Env. Eff.; Organics; Phosphorus and Phosphorus Cpds; ...2.1405

POLLUTION PREVENTION BY AERATION OF FRUIT PROCESSING WASTES ...Activated; Biochemical Oxygen Demand; Food Processing Industries; Lagoon; Plant Waste Removal, Treatment; Waste Drying; ...2.1449

PARABIOTIC GROWTH CHARACTERISTICS OF SELECTED SEWAGE BACTERIA ...Activated Sludge; Bacterial Ecology; Heterotrophic Bacteria; Sewage; Sewage Bacteria; Waste Water Treatment -general; ...2.1536

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Anaerobic Bacteria; Chemical Treatment -general; Color; Disinfection; Farm Animal Wastes; Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment -general; ...3.0168

WASTE DISPOSAL ...Animal Wastes - Feed Lots; Clostridia; Farm Animal Wastes; Methane Bacteria -nonspecific; Sewage Bacteria; Soil Microbiology; Temperature - Air; ...3.0233

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Farm Animal Wastes; Feces; Poultry -nonspecific; Soil Chemical Properties; Waste Disposal on Soils; ...3.0342

EFFECTS OF PESTICIDES ON MICROORGANISMS IMPORTANT TO THE DAIRY INDUSTRY ...DDT; Escherichia Coli; Heptachlor Epoxide; Metabolites From Pesticides; Pesticide Toxicity to Microorg; Staphylococcus Aureus; ...4.0623

AEROBIC AND ANAEROBIC BIODEGRADATION OF DETERGENTS ...Anaerobic Bacteria; Analysis and Detection; Chemical Oxygen Demand; Home Economics; Product Development Research; ...4.1106

A STUDY OF INFECTIONS IN IRRADIATED PATIENTS ...Anaerobic Bacteria; Intestinal Bacteria; Microorganisms -nonspecific; Phagocytosis; Radiation, Whole Body; Ug-system Bacteria; ...5.0626

Anaerobic Bacteria

WATER POLLUTION AND ITS CONTROL BY MICROBIAL METABOLIC ACTIVITIES ...Acid Mine Drainage; Cellular Metabolism - Controls; Chemical Effects; Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; Sulfur Bacteria; Water Quality Control - general; ...2.0160

AEROBIC, HETEROTROPIC BACTERIA IN ESTUARIES ...Adenosine Triphosphate; Bacterial Identification; Degradation - see Pesticide Deg; Heterotrophic Bacteria; Marine Plants; Organic Matter; ...2.0995

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin, ...2.1133

WINERY WASTEWATER - CHARACTERIZATION AND TREATMENT ...Acidity (water); Activated Sludge; Contamination - Water; Food Processing Industries; Sewer Systems; Waste Treatment; ...2.1348

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Chemical Treatment -general; Color; Disinfection; Farm Animal Wastes; Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment -general; ...3.0168

THE BIOCHEMISTRY OF ANAEROBIC DIGESTION ...Anaerobic Wastewater Treatment; Organics; Waste Digestion; ...3.0228

MICROBIOLOGY OF ANAEROBIC SLUDGE ...Bacterial Population Surveys, Fermentation; Methane Bacteria -nonspecific; Rate of Reaction; Waste Water Treatment -general; ...3.0251

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Agricultural Runoff; Animal Wastes - Feed Lots; Farm Animal Wastes; Poultry -nonspecific; Sewage Lagoons; Staphylococcus Epidermidis; ...3.0348

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

FACTORS AFFECTING THE TOXICITY AND SELECTIVITY OF PRE-EMERGENCE SOIL HERBICIDES ...Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Pesticide Residues Removal; Pyrazon; Soil Fungi -nonspecific; Soil Types -also See Specifics; ...4.0247

EFFECTS OF PESTICIDES ON MICROORGANISMS IMPORTANT TO THE DAIRY INDUSTRY ...Aerobic Bacteria; DDT; Escherichia Coli; Heptachlor Epoxide; Metabolites From Pesticides; Pesticide Toxicity to Microorg; Staphylococcus Aureus; ...4.0623

AEROBIC AND ANAEROBIC BIODEGRADATION OF DETERGENTS ...Aerobic Bacteria; Analysis and Detection; Chemical Oxygen Demand; Home Economics; Product Development Research; ...4.1106

A STUDY OF INFECTIONS IN IRRADIATED PATIENTS ...Aerobic Bacteria; Intestinal Bacteria; Microorganisms -nonspecific; Phagocytosis; Radiation, Whole Body; Ug-system Bacteria; ...5.0626

Arthrobacter

EFFECT OF CHEMICAL STRUCTURE ON BIODEGRADABILITY OF ORGANIC MOLECULES ...Analysis and Detection; Biodegradation-see Degradation; Degradation; Microorganism-see Cell. Catab.; Organic Water Properties; Water Pollution Sources; ...2.1065

SIGNIFICANCE OF ARTHROBACTER IN ECOLOGY OF WATER AND SOIL ...Cellular Catabolism-see Degrad; Dominant Organisms; Moisture; Plant Resistance; Soil Ecology; Soil Microbiology; Water Bacteria; ...2.1136

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chenopodiaceae; Chlorinated Hydrocarbons; Insecticides -nonspecific; Organophosphorous Cpds.; Plant; Rhizosphere; Soil Microbiology; Trifolium; ...4.1043

Athiorhodaceae

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Bacterial Pollutant Sources; Farm Animal Wastes; Sewage Lagoons; Thiorhodaceae; ...3.0256

Autotrophic Bacteria

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases; Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ..Acidity (water); Aquatic Soils; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; New Jersey; Plant Distribution; Temperature (water); ..2.0674

EVALUATION OF PYRITIC OXIDATION BY NUCLEAR METHODS ...Acid Mine Drainage; Cellular Catabolism-see Degrad; Mechanism Determination; Oxidation; ...2.0758

INORGANIC SULFUR OXIDATION BY IRON-OXIDIZING BACTERIA ...Acid Mine Drainage; Alkalinity (water); Bacterial Pollutant Sources; Coal; Iron Bacteria; ...2.1068

Azotobacter

METABOLISM OF FIXED NITROGEN BY PLANTS AND BACTERIA ...Algae - Cyanophyta; Clostridia; Eutrophication; Kinetics; ...2.0439

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants -nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

REPLACEMENT OF CULTIVATION WITH CHEMICALS ...Algae -nonspecific; Bacteria -nonspecific; Chenopodiaceae; Herbicides - nonspecific; Poland; Soil Chemical Properties; Soil Moisture; Tillage, Cropping Systems; ...4.0168

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

Bacilli -nonspecific

BACTERIOLOGY OF BIODEGRADABLE SURFACTANTS ...Bacterial Morphology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Escherichia Coli; Phenols; Staphylococcus -nonspecific; Surfactants -see Detergents; ...2.1492

MICROBIAL DEGRADATION OF PESTICIDES ...Cyclodiene Cpds. -nonspecific; Dieidrin; Microorganism-see Cell. Catab.; Pesticide Persistance in Soils; Pseudomonas; ...4.0198

PREVENTING INSECT DAMAGE TO TOBACCO AND TOBACCO PRODUCTS IN MARKETING CHANNELS ...Nicotiana; Pesticide Evaluation; Pesticide Toxicity in Animals; Physical Control; Temperature - Air; ...4.1127

Bacillus Cereus

ISOLATION OF LYTIC AGENTS RELATED TO SPHAEROTILUS ...Activated Sludge; Cell Injury and Autolysis; Geotrichum; Sewage; Sewage Bacteria; Sphaerotilus; ...3.0334

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

REMOVAL, IN MARKET CHANNELS, OF INSECTICIDE RESIDUES FROM MILK AND MILK PRODUCTS ...Chemical Analysis; Food Contamination; Microorganism-see Cell. Catab.; Physical Models; Streptococcus Lactis; ...4.0626

Bacillus Licheniformis

THE IMPORTANCE OF THE FOOD CHAIN IN BOTULISM INTOXICATION AMONG WATERFOWL LAKES AND SLOUGHS OF THE DEVILS LAKE REGION IN NORTH DAKOTA ...Animal Productivity; Clostridium Botulinum; Lakes; Pathology; Waterfowl -nonspecific; ...2.0299

Bacillus Megaterium

PHYSICAL AND PHYSIOLOGICAL COMPONENTS OF RADIATION EFFECTS IN CELLS ...Bacterial Morphology; Cell Injury and Autolysis; Microorganisms; Radiation; Staphylococcus Aureus; ...5.0829

Bacillus Subtilis

MOLECULAR AND APPLIED ASPECTS OF MICROBIAL ENZYMOLOGY AND ECOLOGY ...Animal Wastes - Feed Lots; Bacterial Ecology; Bacterial Population Surveys; Cellular Biosynthesis; Food Contamination; Sewage; Streptococcus Fecalis; ...2.0586

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

THE RELATIONSHIP OF RADIATION SENSITIVITY TO ALTERATIONS IN THE DNA OF B. SUBTILIS ...Bacterial Morphology; Cell Membrane Permeability; Cellular Catabolism-see Degrad; Microorganisms; Radiation Sensitivity -man; Ultra Violet Radiation; X and Gamma Rays; ...5.0564

BASIC ASPECTS OF THE ACTION OF RADIATION ON MICROORGANISMS ...Bacteriophage; Cell Injury and Autolysis; Cellular Repair Mechanisms; Microorganisms; Radiation Injury Prevention; Radiation Sources -general; ...5.0595

Bacillus Thuringiensis

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Diazinon; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Biological Control; Convolvulaceae; Furadan; Liquids Or Sprays; Monitor; Pesticide Evaluation; Thuricide; ...4.0354

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS ...Aliphatic Carbamates; Chlorphenamidine; Furadan; Methomyl; Pesticide Application Equip.; Pesticide Residues; Thuricide; ...4.0444

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPP. IN COTTON ...Biological Control; DDT; Insect Resistance; Population Dynamics -general; Toxaphene; ...4.0689

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Herbicides and Other Chem; Pesticide Action on Animals; Pesticide Interaction With Env; Phenols; Soil pH; Stickers; Thuricide; ...4.0969

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Brassica Species; Chemical Analysis; Gas Chromatography; Pesticide Evaluation; Pesticide Residues; Soil Contamination -other; Thimet; ...4.1132

Bacteria -nonspecific

BIOLOGICAL EFFECTS OF GASEOUS IONS ...Air Pollution -see Specifics; Cell Injury and Autolysis; Environmental Physiology; Gases; Growth; Muridae; Protozoa; ...1.0170

TOBACCO SMOKE AND LUNG BIOCHEMISTRY ...Air Pollution -see Specifics; Cell Injury and Autolysis; Mammals -nonspecific; Respiratory Irritants, Inhaled; Toxicology; ...1.0171

AUTOMOBILE EXHAUST AND CHRONIC RESPIRATORY DISEASE ...Air Pollution -see Specifics; Carbon Monoxide; Engines; Environmental Effects - Human; Lead; Respiratory Disease; Tobacco -cigarettes; ...1.0212

A REPORT ON THE INFLUENCE OF EXPOSURE TO LOW LEVELS OF OZONE ON THE STRUCTURAL INJURY PRODUCED BY BACTERIAL INFECTIOUS AGENTS (ABBREV) ...Air Pollution -see Specifics; Cell Injury and Autolysis; Mammals -nonspecific; Respiratory Irritants, Inhaled; ...1.0272

STUDY OF UPPER RESPIRATORY TRACT CLEARANCE IN RATS ...Air Pollution -see Specifics; Muridae; Respiratory Irritants, Inhaled; ...1.0292

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Mathematical Models; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0433

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Lime Treatment; Model Studies; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0142

STUDIES ON THE INTERACTIONS OF BACTERIA AND NEMATODES ...Animal Interrelationships -gen; Aquatic Ecology - Animal; Bacterial Pollutant Sources; Invertebrate Physiology; Plant Freshwater Ecology; ...2.0461

ENTEROVIRUSES IN DEPURATED HARD CLAMS, 'MERCENARIA MERCENARIA' ...Antibiotics -nonspecific; Bacterial Population Surveys; Clams; Contamination - Water; Long Island Sound; Shellfish Depuration; Viruses - Animal; ...2.0696

DETECTION OF PATHOGENS IN WATER ...Bacterial Population Surveys; Escherichia Coli; Fresh Water; Streptococcus Fecalis; Water Pollutant Identification; ...2.0835

BIOCHEMICAL OXIDATION OF HYDROCARBONS IN NATURAL WATERS ...Cellular Catabolism-see Degrad; Degradation - see Pesticide Deg; Organic Matter; Water Purification; ...2.1092

MICROBIOLOGY OF THERMALLY POLLUTED ENVIRONMENTS ...Acidity (water); Cellular Physiology- Env. Eff.; Hyperthermal; Radioisotopes -nonspecific; Thermophilic Bacteria; Water Pollutant Identification; ...2.1550

EFFECTS OF SEWAGE SLUDGE ON FINFISH AND BENTHIC AND PLANKTONIC COMMUNITIES ...Atlantic Ocean; Benthic Organisms -nonspecific; Ecological Effects; New Jersey; Sewage; ...2.1639

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment - general; ...2.1775

BIO-MASS DETERMINATION - A NEW TECHNIQUE FOR THE CONTROL OF AERATION SEWAGE TREATMENT PROCESS ...Adenosine Triphosphate; Aeration (water); Bacteria; Biological Treatment-general; Sewage - Domestic; ...3.0103

MICROBIAL CONTAMINATION OF AIR NEAR OPEN WASTE TREATMENT FACILITIES ...Activated; Air Pollution -see Specifics; Biological Organisms; ...3.0172

VOLUME REDUCTION AND STABILIZATION OF WASTES FROM SWINE ...Animal Wastes - Feed Lots; Biochemical Oxygen Demand; Farm Animal Wastes; Fungi -nonspecific; Landfill; Nitrogen and Nitrogen Cpds.; Waste Disposal on Soils; ...3.0216

POULTRY WASTE DISPOSAL AND ASSOCIATED ODOR CONTROL ...Bacterial Identification; Desulfovibrio; Farm Animal Wastes; Feces; Odor; Sulfhydryl Compounds; Waste Disposal-see Solid Waste; ...3.0232

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Calorimetry; Degradation; Fungi -nonspecific; Industrial Wastes; Photolysis; Pulp and Paper Wastes; Thin Layer Chromatography; Waste Water Degradation; ...3.0284

UTILIZATION OF CELLULOSE AND RELATED COMPOUNDS AS NUTRIENTS ...Cellular Catabolism-see Degrad; Fungi -nonspecific; Plant Waste Removal, Treatment; Trichoderma; ...3.0330

LAGOONS FOR DAIRY FARMS ...Animal Wastes - Feed Lots; Bacterial Studies -general; Cellular Catabolism-see Degrad; Farm Animal Wastes; Lagoon; Temperature - Air; Waste Water Treatment -general; Water Reuse; ...3.0338

DAIRY CATTLE MANAGEMENT IN URBAN PROXIMITY ...Farm Animal Wastes; Product Development Research; Suburban Areas; Urine; ...3.0364

TREATMENT AND UTILIZATION OF WASTES ...Algae -nonspecific; Farm Animal Wastes; Industrial Wastes; Nutrients; Product Development Research; Waste Water Treatment - general; Water Pollution Sources; ...3.0393

SOIL FUMIGANT CHEMICALS AND THEIR EFFECTS ON SOIL MICROFLORA ...Nematoda; Pesticide Phytotoxicity; Plant Pathogenetic Fungi; Soil Depth; Soil Microbiology; Soil Moisture; ...4.0107

REPLACEMENT OF CULTIVATION WITH CHEMICALS ...Algae -nonspecific; Chenopodiaceae; Herbicides -nonspecific; Poland; Soil Chemical Properties; Soil Moisture; Tillage, Cropping Systems; ...4.0168

EFFECT OF PESTICIDES ON MORPHOLOGY AND STRUCTURE OF LACTIC ACID ORGANISMS ...Cellular Physiology- Env. Eff.; Dipterex; Insecticides -nonspecific; Malathion; Pesticides -nonspecific; Streptococcus -nonspecific; ...4.0522

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Cladosporium; Herbicides -nonspecific; Mucor; Penicillium; Pesticide Toxicity to Microorg; Tobacco -cigarettes; Toxic Substances; ...4.0800

EXCRETION OF CHEMOTHERAPEUTIC AGENTS ...Animal Pharmacology; Bos; Pesticide Action on Animals; Pesticide Residues; Plant Resistance; Residues in Foods; Sulfamethazine; ...4.0802

EFFECTS OF PESTICIDES ON PROTEIN, CARBOHYDRATE, AND NUCLEIC ACID METABOLISM, INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Cellular Biosynthesis; Microorganism-see Cell. Catab.; Pesticide Action on Animals; Pesticides -nonspecific; Yeasts -nonspecific; ...4.0961

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC. IN SOILS ...Antibiotics -nonspecific; Benzoic Acid Cpds.; Herbicides -nonspecific; Loam -see Soil Types; Microorganisms -nonspecific; Nitrosomonas -nonspecific; Pesticide Persistance in Soils; Plant Residues, Humus, Compost; Soil Microbiology; ...4.1051

ULTRAVIOLET LIGHT EFFECTS ON NUCLEIC ACID FORMATION AND GENETIC EVENTS IN BACTERIA ...Cellular Biosynthesis; Cellular Repair Mechanisms; Physical Mutagenesis; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0067

RADIATION EFFECTS ON DIFFERENTIATION AND TISSUE CONTROL ...Cell Injury and Autolysis; Fungi -nonspecific; Invertebrates; Physical Mutagenesis; Radiation Carcinogenesis; Radiation, Low Level; X and Gamma Rays; ...5.0138

GENETICS OF RADIATION AND RADIOMIMETIC AGENTS ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Metabolism - Controls; Radiation Injury Prevention; Radiation Resistance; Radiation Sensitivity -man; Radiation Sources - general; ...5.0167

PHOTO- AND RADIOCHEMICAL REACTIONS OF NUCLEIC ACIDS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Kinetics; Radiation; Radiation Chemistry -biophys.; X and Gamma Rays; ...5.0170

MOLECULAR BASIS OF RADIATION LETHALITY ...Bacteriophage; Escherichia Coli; Microorganisms; X and Gamma Rays; ...5.0171

STUDIES ON THE EFFECTS OF RADIATIONS ON DNA ...Cell Injury and Autolysis; Microorganisms; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0213

IRRADIATION AND TISSUE-LOCALIZING RESPONSE ...Cancer; Rabbits; Radiation Effects - Biological; Toxic Substances; X and Gamma Rays; ...5.0226

ALTERATION INDUCED BY X-RAY & ULTRAVIOLET LIGHT ON THE SYNTHESIS & MAINTENANCE OF MACROMOLECULAR COMPONENTS WITHIN MICROORGANISMS ...Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Viability; Radiation; Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0244

KINETIC MODELS OF PHOTOREACTIVATION IN BACTERIA ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Metabolism and Biochemistry; Poisson Distributions; Radiation - see Specifics; ...5.0295

HISTOPATHOLOGIC, SERUM ENZYME AND OTHER CHANGES PRODUCED IN ANIMALS BY VARIOUS ENVIRONMENTAL AND OTHER STRESSES ...Exercise; Mammals -nonspecific; Stressors, Physiological; X and Gamma Rays; ...5.0359

THE EFFECT OF THE INHALATION OF RADIONUCLIDES IN 'INSOLUBLE' FORMS ON THE FATE OF INHALED BACTERIA IN MICE ...Aerosols; Bacterial Population Surveys; Microorganisms; Proteus -nonspecific; Staphylococcus Aureus; Stressors, Physiological; Yttrium; ...5.0439

THE PATHOLOGY OF ACCELERATED AGING IN GERMFREE MICE ...Aging; Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0451

RBE OF MONOENERGETIC NEUTRONS ...Invertebrates; Muridae; Radiation; Radiation, Low Level; ...5.0486

DNA REPAIR IN LYMPHOCYTES ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0553

STRUCTURE OF THE SPORE-TYPE PHOTOPRODUCT ...Bacterial Morphology; Cell Injury and Autolysis; Microorganisms; Radiation; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0639

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Cell Injury and Autolysis; Gases; Microorganisms; Plants; Radiation; Temperature; X and Gamma Rays; ...5.0677

EFFECTS OF UV ON GENETIC MATERIAL ...Bacteriophage; Cellular Repair Mechanisms; Dose Rate, Dose Fractionation; Radiation; Streptomycin; ...5.0684

RADIOSENSITIVITY OF GENETIC STRUCTURES AND MOLECULAR BASIS OF RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIATIONS OF DIFFERENT QUALITIES ...Cell Injury and Autolysis; Physical Mutagenesis; Radiation; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Yeasts -nonspecific; ...5.0712

THE DETECTION AND ANALYSIS OF MUTAGENS ...Cell Injury and Autolysis; Chemical Mutagenesis; Evolution; Microorganisms; Radiation; ...5.0773

PHYSICAL AND PHYSIOLOGICAL COMPONENTS OF RADIATION EFFECTS IN CELLS ...Bacillus Megaterium; Bacterial Morphology; Cell Injury and Autolysis; Microorganisms; Radiation; Staphylococcus Aureus; ...5.0629

ENDOTOXIN EFFECTS ON MOUSE COLONY-FORMING UNITS ...Bacterial Endotoxins; Biological Basis; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation Sources -general; Radiation, Whole Body; ...5.0901

ELECTRICAL AND ACOUSTICAL STUDIES OF CELLS ...Acoustics; Bacterial Studies -general; Cell Membrane Permeability; Ionic Effect; Permeability; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0098

Bdellovibrio

MICROBIOLOGY OF ACID DRAINAGE FROM COAL MINES ...Acid Mine Drainage; Bacterial Population Surveys; Biological Control; Ferrobacillus; Heterotrophic Bacteria; Thiobacillus; ...2.0432

Brevibacterium Sp

EFFECT OF PROCESSING PROCEDURE ON MILK PESTICIDE RESIDUES WITH EMPHASIS ON RESIDUE REMOVAL ...Cellular Catabolism-see Degrad; DDE; DDT; Geotrichum; Microorganism-see Cell. Catab.; Pesticide Residues Removal; Residues in Foods; ...4.0769

Clostridia

METABOLISM OF FIXED NITROGEN BY PLANTS AND BACTERIA ...Algae - Cyanophyta; Azotobacter; Eutrophication; Kinetics; ...2.0439

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Alkalinity (water); Bacterial Studies -general; Coliforms - nonspecific; Farm Animal Wastes; Farm Pond; Mineralogical Water Properties; Sewage Lagoons; Streptococcus Fecalis; ...3.0059

WASTE DISPOSAL ...Aerobic Bacteria; Animal Wastes - Feed Lots; Farm Animal Wastes; Methane Bacteria -nonspecific; Sewage Bacteria; Soil Microbiology; Temperature - Air; ...5.0233

Clostridium Botulinum

THE IMPORTANCE OF THE FOOD CHAIN IN BOTULISM INTOXICATION AMONG WATERFOWL LAKES AND SLOUGHS OF THE DEVILS LAKE REGION IN NORTH DAKOTA ...Animal Productivity; Bacillus Licheniformis; Lakes; Pathology; Waterfowl -nonspecific; ...2.0299

MULTIPLICATION OF CLOSTRIDIUM BOTULINUM TYPE E IN THE GREAT LAKES ...Aquatic Plants -nonspecific; Bacterial Exotoxins; Bottom Sampling; Depth (water); Plant Freshwater Ecology; Wisconsin; ...2.0452

ECOLOGY OF CLOSTRIDIUM BOTULINUM TYPE E IN GREEN BAY ...Aquatic Distribution; Bacterial Exotoxins; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Competition Among Thallophytes; Lake Michigan; Water Pollution - see Specifics; ...2.0453

EFFECT OF PROCESS CONDITIONS ON REDUCING THE MINIMAL RADIATION DOSE OF RATION ITEMS ...Microorganisms; Radiation Sensitivity -man; ...5.0391

Clostridium Tetani

RADIOSENSITIVITY OF ANTIBODY RESPONSES ELICITED WITH COMPLEXES OF ANTIGEN AND ANTIBODY ...Cobalt; Muridae; Radiation Sensitivity -man; X and Gamma Rays; ...5.0537

Coliforms -nonspecific

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

EFFECT OF URBANIZATION ON WATER QUALITY ...Acidity (water); Chlorine; Kansas; Rainfall - Runoff Relationship; Urban Environment; Urban Runoff; Water Quality -general; ...2.0155

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology; Benthic Organisms -nonspecific; Fish Food Organisms; Nutrients; Plankton; Survey Studies (water); Water Properties -general; ...2.0158

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Contamination - Soil; Farm Animal Wastes; Groundwater; Snowmelt Runoff; Soil Microbiology; Urine; Water Pollutants - Path of; ...2.0242

POLLUTION STUDIES OF THE REGIONAL OGALLALA AQUIFER AT PORTALES, NEW MEXICO ...Aquifers; Bacterial Pollutant Sources; New Mexico; Pseudomonas; Sewage Bacteria; ...2.0254

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological Effects; Eutrophication; Microorganisms -nonspecific; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus - nonspecific; ...2.0264

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

POLLUTION POTENTIAL OF RUNOFF FROM LIVESTOCK FEEDING OPERATIONS ...Agricultural Runoff; Biochemical Oxygen Demand; Chemical Oxygen Demand; Livestock -nonspecific; Precipitation; South Dakota; ...2.0361

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Alabama; Bacterial Ecology; Bays; Marine Pollution; Sewage; Size; Water Pollutant Identification; ...2.0464

COMPARISON OF MULTIPLE TUBE & MEMBRANE FILTER TECHNIQUES FOR COUNTS OF COLIFORM, FAECAL COLI & ENTEROCOCCI IN TROPICAL WATERS ...Australia; Filtration; Intestinal Bacteria; Marine Plants; Sewage Bacteria; Tropical Regions; ...2.0483

VIABILITY OF INDICATOR BACTERIA, COLIFORM, FAECAL COLI & ENTEROCOCCI IN VARIOUS TROPICAL WATERS OF THE NORTHERN TERRITORY INCLUDING SEAWATER ...Australia; Bioindicators; Intestinal Bacteria; Sewage Bacteria; Water Pollutant Identification; ...2.0484

THE SIGNIFICANCE AND CONTROL OF WASTEWATER FLOATABLES IN COASTAL WATERS ...Bacterial Pollutant Sources; Chromatography; Effluents - Waste Water; Infrared Spectroscopy; Marine Pollution; Waste Management -see Specific; ...2.0488

THE DEGREE OF FECAL POLLUTION IN THE WATER OF REGIONS OF THE EASTERN DISTRICTS, BY A NEW COMBINED CHEMICAL-MICROBIOLOGICAL METHOD ...Canada; Industrial Wastes; Lead; Mercury; Sewage; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0506

COMMERCIAL OYSTER FISHERY DEVELOPMENT INVESTIGATION ...Agricultural Economics; Captive Rearing; Commercial Fishing; Consumption; Contamination - Water; Ostreidae (oyster); Shellfish Depuration; ...2.0561

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU ...Aquatic Distribution; Bacterial Ecology; Bays; Hawaii; Intestinal Bacteria; Nitrogen and Nitrogen Cpds.; Sewage; Water Pollutant Identification; ...2.0563

INDICATOR PATHOGEN DENSITY RELATIONSHIPS IN TRIBUTARY STREAMS ...Bacterial Ecology; Bacterial Population Surveys; Chemical Analysis (water); Escherichia Coli; Michigan; Sewage Bacteria; Water Pollutant Identification; ...2.0633

POLLUTION OF A MARINA AREA BY WATERCRAFT USE AS INDICATED BY COLIFORM AND CHEMICAL CONCENTRATIONS ...Bacterial Pollutant Sources; Bottom Sampling; Marinas; Ship Wastes; Water Pollutant Identification; ...2.0635

A STUDY OF THE DEPURATION PROCESS IN OYSTERS TAKEN FROM POLLUTED WATERS AND REBEDDED IN UNPOLLUTED WATERS ...Bacterial Pollutant Sources; Bioindicators; Mississippi; Shellfish Depuration; Water Pollutant Identification; ...2.0651

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Effluents - Waste Water; Nitrogen and Nitrogen Cpds.;

Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Bioassays; Data Reduction and Analysis; Microorganisms -nonspecific; New Mexico; Rumen Bacteria; Water Pollution -see Specifics; Water Quality -general; Water Utilization -domestic; ...2.0684

IDENTIFICATION OF INDICATOR ORGANISMS FOR EVALUATION OF WATER QUALITY ...Bacterial Pollutant Sources; Bottom Sampling; General Recreation Studies; Sanitation; Water Pollutant Identification; Water Quality -general; ...2.0716

CORRELATIONS OF BACTERIAL PATHOGEN OCCURRENCES IN WATER WITH FECAL COLIFORM DENSITY LIMITS PROPOSED FOR WATER QUALITY STANDARDS ...Bacterial Pollutant Sources; Salmonella -nonspecific & -ot.; Shigella -nonspecific & -other; Water Bacteria; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0719

EFFECTS OF AUGMENTED STREAM FLOW ON WATER QUALITY ...Alkalinity (water); Chemical Analysis (water); Fluorine; Ohio; ...2.0734

BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL ...Aerobic Bacteria; Bacterial Pollutant Sources; Delaware Bay; Forecasting - Prediction; Recreation, Water Resources; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0756

THE GAUZE PAD METHOD FOR THE ISOLATION OF VIRUSES FROM INLAND AND ESTUARINE WATERS ...Bacterial Pollutant Sources, Estuaries; Streptococcus Fecalis; Water Pollutant Identification; ...2.0774

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Chemical Water Properties; Contamination - Water; Growth; Periphyton; Physiological Effects; Plant Habitat Studies; Sewage; Water Pollutant Identification; Water Pollution Sources; ...2.0778

SIGNIFICANCE OF THE FECAL STREPTOCOCCI, COLIFORM BACTERIA AND COLIPHAGE IN RELATIONSHIP TO ENTERIC VIRUS POLLUTION IN SEWAGE AND RIVERS ...Bacterial Pollutant Sources; Bacteriophage; Rhode Island; Streptococcus Fecalis; Viruses - Animal; Water Pollutant Identification; ...2.0780

DIRECT, LOW TEMPERATURE ENUMERATION METHODS FOR FECAL COLIFORMS IN WATER ...Bacterial Pollutant Sources; Bacterial Population Surveys; Water Pollutant Identification; ...2.0783

STUDY OF GROWING AREA STANDARD BY EXAMINING ENTEROPATHOGENS AND INDICATOR LEVELS ...Bacterial Population Surveys; Digestive System - Human; Food Contamination; Mollusca; Salmonella -nonspecific & -ot.; Sewage Bacteria; Water Pollutant Identification; ...2.0785

BACTERIOLOGICAL WATER QUALITY ANALYSES OF METHODS FOR DETECTING FECAL POLLUTION ...Animal Wastes - Feed Lots; Bacterial Pollutant Sources; Feces; Sewage Bacteria; Water Pollutant Identification; ...2.0796

SURVIVAL OF INDICATOR ORGANISMS AND ENTERIC BACTERIA IN WATER ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Dyes; Lakes; Nutrients; Streptococcus Fecalis; Waste Water Treatment -general; ...2.0801

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

DETECTION AND SIGNIFICANCE OF KLEBSIELLA IN WATER ...Aerobacter Aerogenes; Algal Physiology; Bacterial Identification; Bacterial Population Surveys; Marine Plants; ...2.0837

A COMPARISON OF TOTAL COLIFORM AND FECAL COLIFORM COUNTS IN STREAM POLLUTION SURVEYS ...Bacterial Identification; Literature Search; Survey Studies (water); Water Pollutant Identification; ...2.0855

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacterial Pollutant Sources; Filtration; Foreign Agriculture; Hydrolysis, Esterification; Pilot Plants; Recharge (water); Sediments; Turbidity (water); ...2.1023

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

EDDY DIFFUSION AND BACTERIAL REDUCTION IN WASTE FIELDS ...Bacteria; Light; Marine Plants; Optical Properties of Water; Waste Treatment - Radiation; ...2.1181

MICROBIAL TRANSFORMATION OF POULTRY LITTER AND ITS RELATION TO WATER POLLUTION ...Agricultural Runoff; Cellular Catabolism-see Degrad; Groundwater; Nitrogen Bacteria; Soil Microbiology; ...2.1232

NEW MICROBIAL INDICATOR OF WASTEWATER CHLORINATION EFFICIENCY ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Chlorine; Intestinal Bacteria; Sewage - Domestic; Water Pollutant Identification; ...2.1258

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Bacterial Ecology; Cellular Physiology- Env. Eff.; Chlorine; Effluent-standards; Illinois; Sewage Bacteria; Water Bacteria; ...2.1259

FORAGE CROP IRRIGATION WITH OXIDATION POND EFFLUENT ...Agricultural Runoff; Furrow Irrigation; Mississippi; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sorghum; Storm Water; Water Table; ...2.1316

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources, Water Pollutant Identification; Water Quality -general; ...2.1331

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Groundwater; Mineralogical Water Properties; Sprinkler Irrigation; Water Application Methods; Water Quality Control -general; ...2.1418

EFFECT OF INDUSTRIAL POLLUTANTS ON WATER QUALITY ...Bacterial Ecology; Bioindicators; Nutrients; Water Pollutant Identification; ...2.1470

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources; Chemical Water Properties; Forecasting - Prediction; Mathematical Models; Planning; Rain; Runoff (water); Soil Types -also See Specifics; Water Quality Control -general; ...2.1711

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...3.1776

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Alkalinity (water); Bacterial Studies -general; Farm Animal Wastes; Farm Pond; Mineralogical Water Properties; Sewage Lagoons; Streptococcus Fecalis; ...3.0059

WASTE DISPOSAL IN RURAL AREAS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Connecticut; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rural Areas; Septic Tanks; Waste Disposal on Soils; Water Pollutant Identification; ...3.0098

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Chlorination; Combustible Filters; Filters-filtration; Massachusetts; Pumps; Sewage Bacteria; Storm Sewer Quantity; Waste Treatment Economics; ...3.0169

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS ...Algae -nonspecific; Chlorination; Effluents - Waste Water; Pseudomonas; Sewage; Sewage Lagoons; Water Pollution - see Specifics; Zooplankton; ...3.0356

Corynebacteria -nonspecific

PLANT DISEASE SURVEY ...Air Pollution -see Specifics; Fruit, Nut, and Berry Crops; Plant Pathogenetic Fungi; Pyrus Malus; Triticum; ...1.0426

Desulfovibrio

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Bacterial Morphology;

Chemical Reactions; Lagoons; Marine Biology - General; Marine Fouling; Marine Pollution; Plant Productivity -general; Thiorhodaceae; ...2.0188

BIOLOGICAL METHANE FORMATION ...Bacterial Ecology; Cellular Biosynthesis; Degradation -see Pesticide Deg; Hydrogen Bacteria; Methane Bacteria -nonspecific; Rumen Bacteria; Sulfur Bacteria; ...3.0131

POULTRY WASTE DISPOSAL AND ASSOCIATED ODOR CONTROL ...Bacteria -nonspecific; Bacterial Identification; Farm Animal Wastes; Feces; Odor; Sulfhydryl Compounds; Waste Disposal-see Solid Waste; ...3.0232

Diplococcus Pneumoniae

INHALATION OF WHOLE SMOKE, SYNTHETIC SMOG, & AMBIENT AIR ON THE RESPIRATORY TRACT & OTHER ORGANS OF PATHOGEN-FREE MICE (ABBREV) ...Aerosols; Carbon Monoxide; Muridae; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0179

RESPIRATORY TRACT AIR POLLUTANTS AND BIOLOGICAL AGENTS ...Air Pollution -see Specifics; Caviidae; Muridae; Pleuropneumonia Group; Respiratory Disease; Smog -see Air Pollution; Sulfur Dioxide; ...1.0180

Enterobacteriaceae -other

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Coronilla; Farm Animal Wastes; Fertilizer Industry; Mineral Nutrition; Roads & Highways -see Highways; Soil Amendments; Soil Microbiology; Waste Disposal on Soils; ...3.0399

EFFECTS OF PESTICIDES ON MICROORGANISMS IMPORTANT TO THE DAIRY INDUSTRY ...Aerobic Bacteria; DDT; Escherichia Coli; Heptachlor Epoxide; Metabolites From Pesticides; Pesticide Toxicity to Microorg; Staphylococcus Aureus; ...4.0623

Erwinia

PLANT DISEASE SURVEY ...Air Pollution -see Specifics; Corynebacteria -nonspecific; Fruit, Nut, and Berry Crops; Plant Pathogenetic Fungi; Pyrus Malus; Triticum; ...1.0426

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

Escherichia Coli

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

COLIBACTERIOPHAGES AS VIRUS INDICATORS IN WATER AND WASTEWATER ...Aerobacter Aerogenes; Bacterial Identification; Bacterial Population Surveys; Bacteriophage; Effluents - Waste Water; Viral Pollutant Sources; Water Pollutant Identification; ...2.0589

INDICATOR PATHOGEN DENSITY RELATIONSHIPS IN TRIBUTARY STREAMS ...Bacterial Ecology; Bacterial Population Surveys; Chemical Analysis (water); Michigan; Sewage Bacteria; Water Pollutant Identification; ...2.0633

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ...Aquatic Distribution; Bacterial Pollutant Sources; Contamination - Water; Escherichia Sp; Gulf of Mexico; Mississippi; Ostreidae (oyster); Pollution Effects -see Water; ...2.0652

ESCHERICHIA COLI SEROTYPES IN MICROBIAL POLLUTION OF WATER ...Bacterial Pollutant Sources; Bacterial Population Surveys; Bacterial Serology; Mammals -nonspecific; Sewage; Water Pollution -see Specifics; ...2.0763

THE GAUZE PAD METHOD FOR THE ISOLATION OF VIRUSES FROM INLAND AND ESTUARINE WATERS ...Bacterial Pollutant Sources; Coliforms -nonspecific; Estuaries; Streptococcus Fecalis; Water Pollutant Identification; ...2.0774

DETECTION OF PATHOGENS IN WATER ...Bacteria -nonspecific; Bacterial Population Surveys; Fresh Water; Streptococcus Fecalis; Water Pollutant Identification; ...2.0835

DEGRADATION OF SEWAGE AND SOIL MICROORGANISMS ...Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Marine Plants; Sewage; Soil Bacteria; ...2.1041

MEASUREMENT OF ACTIVE BIOMASS CONCENTRATIONS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Cellular Physiology- Env. Eff.; Industrial Wastes; Sewage - Domestic; Waste Management -see Specific; Water Pollution Sources; ...2.1237

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Animal Wastes - Feed Lots; Chemical Analysis (water); Farm Animal Wastes; Lysimeters; Physical Models; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...2.1288

BACTERIOLOGY OF BIODEGRADABLE SURFACTANTS ...Bacilli -nonspecific; Bacterial Morphology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Phenols; Staphylococcus - nonspecific; Surfactants -see Detergents; ...2.1492

EFFECTS OF PESTICIDES ON MICROORGANISMS IMPORTANT TO THE DAIRY INDUSTRY ...Aerobic Bacteria; DDT; Heptachlor Epoxide; Metabolites From Pesticides; Pesticide Toxicity to Microorg; Staphylococcus Aureus; ...4.0623

REMOVAL, IN MARKET CHANNELS, OF INSECTICIDE RESIDUES FROM MILK AND MILK PRODUCTS ...Bacillus Cereus; Chemical Analysis; Food Contamination; Microorganism-see Cell. Catab.; Physical Models; Streptococcus Lactis; ...4.0626

BIOLOGICAL CONTROL PROCESSES AND RADIATION ...Bacteriophage; Cellular Biosynthesis; Metabolism and Biochemistry; Radiation; ...5.0142

MOLECULAR BASIS OF RADIATION LETHALITY ...Bacteria - nonspecific; Bacteriophage; Microorganisms; X and Gamma Rays; ...5.0171

PHOTOINACTIVATION AND CELLULAR REPAIR ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Dyes -nonspecific; Radiation; Radiation -see Specifics; Ultra Violet Radiation; ...5.0296

PHOTODYNAMIC MUTAGENESIS ...Bacteriophage; Microorganisms; Radiation; Reversion Mutation; Ultra Violet Radiation; ...5.0297

KINETIC AND BIOCHEMICAL ANALYSIS OF INTERACTING RADIATION RECOVERY SYSTEMS IN ESCHERICHIA COLI ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Microorganisms; Radiation; Radiation Sensitivity -man; ...5.0334

EXPERIMENTAL ELECTROMAGNETIC RADIATION STUDIES ...Canidae; Electromagnetic Field; Microwave and Radiofrequency; Primates -nonspecific; Radiation Sensitivity -man; ...5.0370

SOME ASPECTS OF THE MECHANISM OF BACTERIOPHAGE REPLICATION ...Bacteriophage; Cell Injury and Autolysis; Microorganisms; Physical Mutagenesis; X and Gamma Rays; ...5.0398

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS ...Bacteriophage; Cell Injury and Autolysis; Cellular Biosynthesis; Microorganisms; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0478

BASIC ASPECTS OF THE ACTION OF RADIATION ON MICROORGANISMS ...Bacillus Subtilis; Bacteriophage; Cell Injury and Autolysis; Cellular Repair Mechanisms; Microorganisms; Radiation Injury Prevention; Radiation Sources -general; ...5.0595

THE CONTROL OF RESPIRATION IN UV-IRRADIATED BACTERIA AND ITS SIGNIFICANCE IN RECOVERY FROM RADIATION DAMAGE ...Bacterial Studies -general; Cell Injury and Autolysis; Cellular Repair Mechanisms; Hyperthermal; Microorganisms; Radiation; Ultra Violet Radiation; ...5.0648

Escherichia Sp

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ...Aquatic Distribution; Bacterial Pollutant Sources; Contamination - Water; Gulf of Mexico; Mississippi; Ostreidae (oyster); Pollution Effects -see Water; ...2.0652

Ferrobacillus

MICROBIOLOGY OF ACID DRAINAGE FROM COAL MINES ...Acid Mine Drainage; Bacterial Population Surveys; Biological Control; Heterotrophic Bacteria; Thiobacillus; ...2.0432

PHYSIOLOGY OF ACIDOPHILIC BACTERIA OF ACID MINE WATERS ...Acidity (water); Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Heterotrophic Bacteria; Ionic Effect; Thiobacillus; Water Pollution Sources; ...2.1036

INORGANIC SULFUR OXIDATION BY IRON-OXIDIZING BACTERIA ...Acid Mine Drainage; Alkalinity (water); Bacterial Pollutant Sources; Coal; Iron Bacteria; ...2.1068

Food Bacteria

EVALUATION OF MEAT FROM ANIMALS EXPOSED TO LETHAL RADIATION LEVELS ...Bos; Food Contamination; Radiation, Lethal Dose; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0616

Gram-negative Bacteria

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

DISPOSITION OF PESTICIDES IN THE SOIL ...Avena Sativa; Granules, Capsules; Medicago; Plant Residues, Humus, Compost; Soil Microbiology; Yeasts -nonspecific; ...4.0178

Gram-positive Bacteria

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

Haemophilus Sp

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLET AND X-IRRADIATION DAMAGE ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Repair Mechanisms; Mutagenesis -nonspecific; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0455

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLETAND X-IRRADIATION DAMAGE ...Bacterial Morphology; Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Cellular Viability; Microorganisms; Radiation; ...5.0456

X-RAY-INDUCED DAMAGE TO THE DNA OF HAEMOPHILUS INFLUENZAE AND CELLULAR RESPONSE TO THAT DAMAGE ...Bacterial Population Surveys; Cellular Biosynthesis, Kinetics; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0644

Heterotrophic Bacteria

MICROBIOLOGY OF ACID DRAINAGE FROM COAL MINES ...Acid Mine Drainage; Bacterial Population Surveys; Biological Control; Ferrobacillus; Thiobacillus; ...2.0432

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Ionic Effect; Sewage; Water Pollution Sources; ...2.0434

AEROBIC, HETEROTROPIC BACTERIA IN ESTUARIES ...Adenosine Triphosphate; Anaerobic Bacteria; Bacterial Identification; Degradation -see Pesticide Deg; Marine Plants; Organic Matter; ...2.0995

PHYSIOLOGY OF ACIDOPHILIC BACTERIA OF ACID MINE WATERS ...Acidity (water); Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Ferrobacillus; Ionic Effect, Thiobacillus; Water Pollution Sources; ...2.1036

A STUDY OF THE KINETICS OF THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Differential Equations; Kinetics; Nitrobacter; Waste Water Treatment -general; ...2.1372

PARABIOTIC GROWTH CHARACTERISTICS OF SELECTED SEWAGE BACTERIA ...Activated Sludge; Aerobic Bacteria; Bacterial Ecology; Sewage; Sewage Bacteria; Waste Water Treatment -general; ...2.1536

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

Hydrogen Bacteria

BIOLOGICAL METHANE FORMATION ...Bacterial Ecology; Cellular Biosynthesis; Degradation -see Pesticide Deg; Methane Bacteria -nonspecific; Rumen Bacteria; Sulfur Bacteria; ...3.0131

Intestinal Bacteria

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological Effects; Eutrophication; Microorganisms -nonspecific; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus - nonspecific; ...2.0264

COMPARISON OF MULTIPLE TUBE & MEMBRANE FILTER TECHNIQUES FOR COUNTS OF COLIFORM, FAECAL COLI & ENTEROCOCCI IN TROPICAL WATERS ...Australia; Coliforms -nonspecific; Filtration; Marine Plants; Sewage Bacteria: Tropical Regions; ...2.0483

VIABILITY OF INDICATOR BACTERIA, COLIFORM, FAECAL COLI & ENTEROCOCCI IN VARIOUS TROPICAL WATERS OF THE NORTHERN TERRITORY INCLUDING SEAWATER ...Australia; Bioindicators; Sewage Bacteria; Water Pollutant Identification; ...2.0484

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Bacterial Ecology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Mathematical Models; Nutrients; Rehabilitation -streams -lakes; Sewage; Water Pollution -see Specifics; ...2.0552

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU ...Aquatic Distribution; Bacterial Ecology; Bays; Hawaii; Nitrogen and Nitrogen Cpds.; Sewage; Water Pollutant Identification; ...2.0563

MOLECULAR AND APPLIED ASPECTS OF MICROBIAL ENZYMOLOGY AND ECOLOGY ...Animal Wastes - Feed Lots; Bacterial Ecology; Bacterial Population Surveys; Cellular Biosynthesis; Food Contamination; Sewage; Streptococcus Fecalis; ...2.0686

INDICATOR PATHOGEN DENSITY RELATIONSHIPS IN TRIBUTARY STREAMS ...Bacterial Ecology; Bacterial Population Surveys; Chemical Analysis (water); Escherichia Coli; Michigan; Sewage Bacteria; Water Pollutant Identification; ...2.0633

IDENTIFICATION OF INDICATOR ORGANISMS FOR EVALUATION OF WATER QUALITY ...Bacterial Pollutant Sources; Bottom Sampling; General Recreation Studies; Sanitation; Water Pollutant Identification; Water Quality -general; ...2.0716

SURVIVAL OF INDICATOR ORGANISMS AND ENTERIC BACTERIA IN WATER ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Dyes; Lakes; Nutrients; Streptococcus Fecalis; Waste Water Treatment -general; ...2.0801

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

DETECTION OF PATHOGENS IN WATER ...Bacteria -nonspecific; Bacterial Population Surveys; Escherichia Coli; Fresh Water; Streptococcus Fecalis; Water Pollutant Identification; ...2.0835

SURVIVAL OF INTESTINAL BACTERIA IN PRISTINE WATERS ...Bacterial Ecology; Bacterial Pollutant Sources; Recreation, Water Resources; Sewage; Water Bacteria; ...2.0843

A COMPARISON OF TOTAL COLIFORM AND FECAL COLIFORM COUNTS IN STREAM POLLUTION SURVEYS ...Bacterial Identification; Coliforms -nonspecific; Literature Search; Survey Studies (water); Water Pollutant Identification; ...2.0855

NEW MICROBIAL INDICATOR OF WASTEWATER CHLORINATION EFFICIENCY ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Chlorine; Coliforms -nonspecific; Sewage - Domestic; Water Pollutant Identification; ...2.1258

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1292

SOCIO-ECONOMIC FACTORS RELATED TO THE INCIDENCE OF A WATER-BORNE DISEASE ...Bacterial Pollutant Sources; Community - Social Studies; Digestive System - Human; Economic Impact; Puerto Rico; Social Aspects; Water Pollution - see Specifics; ...2.1909

EFFECTS OF PESTICIDES ON MICROORGANISMS IMPORTANT TO THE DAIRY INDUSTRY ...Aerobic Bacteria; DDT; Escherichia Coli; Heptachlor Epoxide; Metabolites From Pesticides; Pesticide Toxicity to Microorg; Staphylococcus Aureus; ...4.0623

METABOLISM OF PESTICIDES BY RUMEN MICROBIOTA AND FACTORS INFLUENCING ABSORPTION ...Bacterial Identification; Capra; DDT; Microorganism-see Cell. Catab.; Pesticide Action on Plants; Petroleum -see Oil; ...4.0668

A STUDY OF INFECTIONS IN IRRADIATED PATIENTS ...Aerobic Bacteria; Anaerobic Bacteria; Microorganisms -nonspecific; Phagocytosis; Radiation, Whole Body; Ug-system Bacteria; ...5.0626

Iron Bacteria

CONTROL OF IRON BACTERIA IN WATER WELL SYSTEMS ...Bacterial Identification; Bacterial Pollutant Sources; Bacterial Population Surveys; Water Bacteria; Water Quality Control - general; Water Wells; ...2.0006

ACID MINE DRAINAGE - PILOT PLANT EVALUATION ...Acid Mine Drainage; Aeration (water); Core Analysis; Microorganisms -nonspecific; Model Studies; ...2.0345

EVALUATION OF PYRITIC OXIDATION BY NUCLEAR METHODS ...Acid Mine Drainage; Autotrophic Bacteria; Cellular Catabolism-see Degrad; Mechanism Determination; Oxidation; ...2.0758

INORGANIC SULFUR OXIDATION BY IRON-OXIDIZING BACTERIA ...Acid Mine Drainage; Alkalinity (water); Bacterial Pollutant Sources; Coal; ...2.1068

MICROBIAL MEDIATION IN GENERATION OF ACID MINE WASTES ...Acid Mine Drainage; Biological Water Properties; Cellular Biosynthesis; Chemical Water Properties; Mineralogical Water Properties; ...2.1298

MICROBIOLOGICAL REMOVAL OF IRON FROM MINE DRAINAGE WATERS ...Acid Mine Wastes; Demineralization; Mine Drainage Control; Oxidation; Reduction Reactions; Waste Water Treatment -general; ...2.1384

Lactobacillus Sp

PHYSICAL AND CHEMICAL CHARACTERISTICS AND STABILITY OF CUCUMBER PRODUCTS ...Chlorine; Plant Waste Removal, Treatment; Yeasts -nonspecific; ...3.0253

EFFECT OF PESTICIDES ON MORPHOLOGY AND STRUCTURE OF LACTIC ACID ORGANISMS ...Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Dipterex; Insecticides -nonspecific; Malathion; Pesticides -nonspecific; Streptococcus -nonspecific; ...4.0522

THE EFFECT OF PROCESSING ON THE PESTICIDE CONTENT OF DAIRY PRODUCTS ...Chlordan; Food Contamination; Physical Models; Staphylococcus Aureus; Thiodan; ...4.0910

EFFECTS OF PESTICIDES USED IN DAIRY INDUSTRY ...Bacterial Morphology; Pesticide in Food Chains; Product Development Research; Streptococcus -nonspecific; ...4.0997

Marine Bacteria

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources; Estuaries; Fish; Marine Animals; Marine Environments; Organics; Radioactivity; Trace Elements; Zinc; ...2.0028

ORGANIC DEBRIS ON CONNECTICUT BEACHES AND SHORES ...Bacterial Identification; Cellular Catabolism-see Degrad; Connecticut; Marine Plants; Organic Matter; Physical Water Properties; Salinity (water); ...2.0084

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Bacterial Morphology; Chemical Reactions; Lagoons; Marine Biology - General; Marine Fouling; Marine Pollution; Plant Productivity -general; Thiorhodaceae; ...2.0188

BIODEGRADATION OF OIL SLICKS IN THE MARINE ENVIRONMENT ...Actinomycetes -nonspecific; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Oil; Petroleum Wastes - Spillage; ...2.0248

MICROBIAL TRANSFORMATIONS IN SEA WATER ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Competition Among Thallophytes; Marine Biology - General; Marine Plants; Marine Pollution; Organics; ...2.0622

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ...Aquatic Distribution; Bacterial Pollutant Sources; Contamination - Water; Escherichia Sp; Gulf of Mexico; Mississippi; Ostreidae (oyster); Pollution Effects -see Water; ...2.0652

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Bacterial Pollutant Sources; Benthic Flora; Chemical Water Properties; Marine Environments; Marine Plants; Plant Population Dynamics -gen; Water Analysis; ...2.0767

AEROBIC, HETEROTROPIC BACTERIA IN ESTUARIES ...Adenosine Triphosphate; Anaerobic Bacteria; Bacterial Identification; Degradation -see Pesticide Deg; Heterotrophic Bacteria; Marine Plants; Organic Matter; ...2.0995

DEGRADATION OF PETROLEUM AND RELATED COMPOUNDS IN THE BIOSPHERE ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Ionic Effect; Marine Plants; Oil; Petroleum -see Oil; Petroleum Research; ...2.1071

EDDY DIFFUSION AND BACTERIAL REDUCTION IN WASTE FIELDS ...Bacteria; Coliforms -nonspecific; Light; Marine Plants; Optical Properties of Water; Waste Treatment - Radiation; ...2.1181

BIOLOGICAL EFFECTS OF HEAVY METAL POLLUTION ...Alaska; Biological Effects; Chelation & Complexing; Microorganisms -nonspecific; Yeasts -nonspecific; ...2.1475

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Contamination - Water; Marine Animals; Marine Biology - General; Marine Environments; Marine Geology; Marine Pollution; Oil; Pacific Ocean, Sea Water Mass & Ocean Fronts; Ships and Cruises; ...2.1794

Methane Bacteria -nonspecific

STUDIES ON THE METHANOGENIC BACTERIA IN SLUDGE ...Bacterial Classification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Sewage Bacteria; ...2.0545

AEROBIC, HETEROTROPIC BACTERIA IN ESTUARIES ...Adenosine Triphosphate; Anaerobic Bacteria; Bacterial Identification; Degradation -see Pesticide Deg; Heterotrophic Bacteria; Marine Plants; Organic Matter; ...2.0995

MICROBIAL INTERACTIONS IN WASTE TREATMENT SYSTEMS ...Anaerobic Wastewater Treatment; Bacterial Studies -general; Fermentation; Membranes; Waste Digestion; Waste Water Treatment -general; ...2.1266

BIOLOGICAL METHANE FORMATION ...Bacterial Ecology; Cellular Biosynthesis; Degradation -see Pesticide Deg; Hydrogen Bacteria; Rumen Bacteria; Sulfur Bacteria; ...3.0131

EFFECT OF PRESYNTHESIZED BIOLOGICAL INTERMEDIATES ON SUBSTRATE UTILIZATION RATES ...Anaerobic Wastewater Treatment; Effluents - Waste Water; Waste Water Treatment -general; ...3.0204

WASTE DISPOSAL ...Aerobic Bacteria; Animal Wastes - Feed Lots; Clostridia; Farm Animal Wastes; Sewage Bacteria; Soil Microbiology; Temperature - Air; ...3.0233

MICROBIOLOGY OF ANAEROBIC SLUDGE ...Anaerobic Bacteria; Bacterial Population Surveys; Fermentation; Rate of Reaction; Waste Water Treatment -general; ...3.0251

Methanobacterium Sp

BIOLOGICAL METHANE FORMATION ...Bacterial Ecology; Cellular Biosynthesis; Degradation -see Pesticide Deg; Hydrogen Bacteria; Methane Bacteria -nonspecific; Rumen Bacteria; Sulfur Bacteria; ...3.0131

Micrococcus -nonspecific

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS ...Bacteriophage; Cell Injury and Autolysis; Cellular Biosynthesis; Escherichia Coli; Microorganisms; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0478

Myxobacteria

STUDIES ON AQUATIC MYXOBACTERIA ...Bacterial Classification; Bacterial Population Surveys; Degradation -see Pesticide Deg; Plant Habitat Studies; Water Bacteria; Water Pollution Sources; Water Quality -general; ...2.0748

Nitrobacter

A STUDY OF THE KINETICS OF THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Differential Equations; Kinetics; Waste Water Treatment -general; ...2.1372

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Contamination - Soil; Dalapon; Nitrification; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Pseudomonas; Soil Fungi -nonspecific; Soil Microbiology; ...4.0330

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC. IN SOILS ...Antibiotics -nonspecific; Benzoic Acid Cpds.; Herbicides -nonspecific; Loam -see Soil Types; Microorganisms -nonspecific; Nitrosomonas -nonspecific; Pesticide Persistance in Soils; Plant Residues, Humus, Compost; Soil Microbiology; ...4.1051

Nitrogen Bacteria

WATER POLLUTION AND ITS CONTROL BY MICROBIAL METABOLIC ACTIVITIES ...Acid Mine Drainage; Cellular Metabolism - Controls; Chemical Effects; Nitrogen and Nitrogen Cpds.; Sulfur Bacteria; Water Quality Control -general; ...2.0160

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological Effects; Eutrophication; Microorganisms -nonspecific; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus - nonspecific; ...2.0264

EFFECTS OF FURROW, SPRINKLER AND SUBIRRIGATION METHODS ON POTENTIAL POLLUTION OF GROUNDWATER BY NITRATES AND OTHER SOLUTES ...Economic Feasibility; Furrow Irrigation; Irrigation; Nitrification; Soil Moisture; Subsurface Irrigation; Water Pollutants - Path of; ...2.0381

EUTROPHICATION - N CYCLE - NITRIFICATION AND DENITRIFICATION ...Algae -nonspecific; Bacterial Identification; Lemnaceae; Survey Studies (water); Wisconsin; ...2.0449

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ...Acidity (water); Aquatic Soils; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; New Jersey; Plant Distribution; Temperature (water); ...2.0674

NITROGEN REMOVAL AND IDENTIFICATION FOR WATER QUALITY CONTROL ...Analysis and Detection; Chemical Analysis (water); Nitrogen and Nitrogen Cpds.; Ultrasonics; ...2.0956

MICROBIAL TRANSFORMATION OF POULTRY LITTER AND ITS RELATION TO WATER POLLUTION ...Agricultural Runoff; Cellular Catabolism-see Degrad; Groundwater; Soil Microbiology; ...2.1232

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation - see Pesticide Deg; Lake Champlain; Nutrients; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Sediments; Water Bacteria; ...4.0072

Nitrosomonas -nonspecific

A STUDY OF THE KINETICS OF THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Differential Equations; Kinetics; Nitrobacter; Waste Water Treatment -general; ...2.1372

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC IN SOILS ...Antibiotics -nonspecific; Benzoic Acid Cpds.; Herbicides -nonspecific; Loam -see Soil Types; Microorganisms -nonspecific; Pesticide Persistance in Soils; Plant Residues, Humus, Compost; Soil Microbiology; ...4.1051

Oral Bacteria

EFFECTS OF DENTAL AEROSOLS ON OPERATORY AND SUBMARINE ENVIRONMENTS ...Aerosols; Air Pollution -see Specifics; Bacterial Toxins -nonspecific; Environmental Effects - Human; Military Personnel; Submarine & Diving Medicine; ...1.0190

Photosynthetic Bacteria

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis; Quinone Cpds. - nonspecific; Triazines -nonspecific; ...4.1086

Pleuropneumonia Group

RESPIRATORY TRACT AIR POLLUTANTS AND BIOLOGICAL AGENTS ...Air Pollution -see Specifics; Caviidae; Diplococcus Pneumoniae; Muridae; Respiratory Disease; Smog -see Air Pollution; Sulfur Dioxide; ...1.0180

Proteus -nonspecific

THE EFFECT OF THE INHALATION OF RADIONUCLIDES IN 'INSOLUBLE' FORMS ON THE FATE OF INHALED BACTERIA IN MICE ...Aerosols; Bacterial Population Surveys; Microorganisms; Staphylococcus Aureus; Stressors, Physiological; Yttrium; ...5.0439

Pseudomonas

POLLUTION STUDIES OF THE REGIONAL OGALLALA AQUIFER AT PORTALES, NEW MEXICO ...Aquifers; Bacterial Pollutant Sources; Coliforms -nonspecific; New Mexico; Sewage Bacteria; ...2.0254

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Loam -see Soil Types; Pesticide Evaluation; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

SIGNIFICANCE OF ARTHROBACTER IN ECOLOGY OF WATER AND SOIL ...Arthrobacter; Cellular Catabolism-see Degrad; Dominant Organisms; Moisture; Plant Resistance; Soil Ecology; Soil Microbiology; Water Bacteria; ...2.1136

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...2.1331

BACTERIOLOGY OF BIODEGRADABLE SURFACTANTS ...Bacilli -nonspecific; Bacterial Morphology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Escherichia Coli; Phenols; Staphylococcus -nonspecific; Surfactants -see Detergents; ...2.1492

AGING AND IMMUNE COMPETENCE-EFFECT OF ENVIRONMENT ON IMMUNE COMPETENCE ...Air Pollution -see Specifics; Chlorination - Water; Environmental Physiology; Immunology; Mouse; Salmonella -nonspecific & -ot.; ...2.1722

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS ...Algae -nonspecific; Chlorination; Effluents - Waste Water; Sewage; Sewage Lagoons; Water Pollution -see Specifics; Zooplankton; ...3.0356

MICROBIOLOGY AND BIOCHEMISTRY OF PESTICIDES IN SOIL ...Actinomycetes -nonspecific; Azobenzene; Cipc; Fusarium; Pesticide Degradation -see Deg; Propanil; Soil Microbiology; ...4.0117

MICROBIAL DEGRADATION OF PESTICIDES ...Bacilli -nonspecific; Cyclodiene Cpds. -nonspecific; Dieldrin; Microorganism-see Cell. Catab.; Pesticide Persistance in Soils; ...4.0198

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Contamination - Soil; Dalapon; Nitrification; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Soil Fungi -nonspecific; Soil Microbiology; ...4.0330

Pseudomonas Aeruginosa

QUANTITATIVE RECOVERY OF PSEUDOMONAS AERUGINOSA FROM POTABLE AND RECREATIONAL WATERS ...Bacterial Pollutant Sources; Bacterial Population Surveys; Estuaries; Potable Water; Recreation, Water Resources; Water Pollutant Identification; ...2.0784

NITROGEN REMOVAL AND IDENTIFICATION FOR WATER QUALITY CONTROL ...Analysis and Detection; Chemical Analysis (water); Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; Ultrasonics; ...2.0956

MEASUREMENT OF ACTIVE BIOMASS CONCENTRATIONS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Cellular Physiology- Env. Eff.; Industrial Wastes; Sewage - Domestic; Waste Management -see Specific; Water Pollution Sources; ...2.1237

PROTECTION FROM LONG-TERM EFFECTS OF IRRADIATION ...Cancer; Chemical Carcinogenesis; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0109

Respiratory Bacteria

EXPERIMENTAL INFECTIVE PNEUMOCONIOSIS ...Air Pollution nsee Specifics; Asbestos; Bacterial Population Surveys; India; Miners; Occupational Hazards; Respiratory Irritants, Inhaled; ...1.0263

AIR POLLUTION AND RESPIRATORY INFECTIONS ...Air Pollution -see Specifics; Ceboidea; Phagocytosis; Rabbits; Respiratory Disease; ...1.0281

Rhizobium

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Symbiotic Nitrogen Fixation; ...4.0159

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Paraoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology. Water Pollutants - Path of; ...4.0947

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Soil pH; Trifluralin; ...4.0950

Rhodospirillum

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis; Quinone Cpds. - nonspecific; Triazines -nonspecific; ...4.1086

Rumen Bacteria

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Bioassays; Coliforms -nonspecific; Data Reduction and Analysis; Microorganisms -nonspecific; New Mexico; Water Pollution -see Specifics; Water Quality -general; Water Utilization -domestic; ...2.0684

BIOLOGICAL METHANE FORMATION ...Bacterial Ecology; Cellular Biosynthesis; Degradation -see Pesticide Deg; Hydrogen Bacteria; Methane Bacteria -nonspecific; Sulfur Bacteria; ...3.0131

DAIRY CATTLE MANAGEMENT IN URBAN PROXIMITY ...Bacteria -nonspecific; Farm Animal Wastes; Product Development Research; Suburban Areas; Urine; ...3.0364

EVALUATION OF THE EFFECT OF PESTICIDES ON THE LIPID CONTENT OF RUMEN BACTERIA ...Bacterial Population Surveys; Biochemical Analysis - Tissues; Pesticide Evaluation; Pesticide Toxicity to Microorg; Pesticides -nonspecific; ...4.0523

METABOLISM OF PESTICIDES BY RUMEN MICROBIOTA AND FACTORS INFLUENCING ABSORPTION ...Bacterial Identification; Cupra; DDT; Intestinal Bacteria; Microorganism-see Cell. Catab.; Pesticide Action on Plants; Petroleum -see Oil; ...4.0668

METABOLISM OF AGRICULTURAL CHEMICALS BY RUMEN MICROORGANISMS ...Bos; Insecticides -nonspecific; Microorganism-see Cell. Catab.; Protozoa; Terramycin; ...4.1099

ANIMAL METABOLISM OF FISSION PRODUCTS AND RELATED NUCLIDES ...Beta Particles; Calcium; Ovis; Radioactive Fallout-cf Fallout; Sus; Yttrium; ...5.0611

Salmonella -nonspecific & -ot.

AIR STERILIZATION ...Aerosols - Smokes, Fogs, Steam; Air Purification; Food Contamination; General Sanitation Methods; Microorganism-see Cell. Catab.; Sterilization; ...1.0066

INDICATOR PATHOGEN DENSITY RELATIONSHIPS IN TRIBUTARY STREAMS ...Bacterial Ecology; Bacterial Population Surveys; Chemical Analysis (water); Escherichia Coli; Michigan; Sewage Bacteria; Water Pollutant Identification; ...2.0633

CORRELATIONS OF BACTERIAL PATHOGEN OCCURRENCES IN WATER WITH FECAL COLIFORM DENSITY LIMITS PROPOSED FOR WATER QUALITY STANDARDS ...Bacterial Pollutant Sources; Coliforms -nonspecific; Shigella -nonspecific & -other; Water Bacteria; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0719

STUDY OF GROWING AREA STANDARD BY EXAMINING ENTEROPATHOGENS AND INDICATOR LEVELS ...Bacterial Population Surveys; Digestive System - Human; Food Contamination; Mollusca; Sewage Bacteria; Water Pollutant Identification; ...2.0785

BACTERIOLOGICAL WATER QUALITY ANALYSES OF METHODS FOR DETECTING FECAL POLLUTION ...Animal Wastes - Feed Lots; Bacterial Pollutant Sources; Coliforms -nonspecific; Feces; Sewage Bacteria; Water Pollutant Identification; ...2.0796

SURVIVAL OF INDICATOR ORGANISMS AND ENTERIC BACTERIA IN WATER ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Dyes; Lakes; Nutrients; Streptococcus Fecalis; Waste Water Treatment -general; ...2.0801

DIRECT METHODS FOR THE ENUMERATION OF SALMONELLA IN WATER ...Bacterial Pollutant Sources; Marine Biology - General; Recreation, Water Resources; Swimming; Water Pollution -see Specifics; ...2.0940

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Animal Wastes - Feed Lots; Chemical Analysis (water); Escherichia Coli; Farm Animal Wastes; Lysimeters; Physical Models; Waste Disposal on Soils; ...2.1288

DEMONSTRATION OF THE CHANNEL AERATION PROCESS IN TREATMENT OF SEWAGE ...Aeration (water); Aquatic Plants -nonspecifi ; Effluents - Waste Water; Nutrients; Sewage; Viral Pollutant Sources; ...2.1310

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...2.1331

AGING AND IMMUNE COMPETENCE-EFFECT OF ENVIRONMENT ON IMMUNE COMPETENCE ...Air Pollution -see Specifics; Contamination - Water; Environmental Physiology; Immunology; Muridae; Pseudomonas; ...2.1722

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

DECOMPOSITION AND DISPERSION OF EXCRETA FROM LAYING HENS AND TURKEYS ...Farm Animal Wastes; Gallus Domesticus; Microorganisms -nonspecific; Soil Organic Content; Space Requirements; ...3.0009

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Alkalinity (water); Bacterial Studies -general; Coliforms - nonspecific; Farm Animal Wastes; Farm Pond; Mineralogical Water Properties; Sewage Lagoons; Streptococcus Fecalis; ...3.0039

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

SOLID AND LIQUID WASTES ...Activated Sludge; Flocculation; Solid Waste; Waste Water -general; ...3.0219

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Anseriformes; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Detergents -see Surfactants; Feces; Poultry -nonspecific; Waste Disposal on Soils; ...3.0220

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types - also See Specifics; Waste Disposal on Soils; ...3.0223

IMPROVED METHODS, EQUIPMENT AND FACILITIES FOR INEDIBLE ANIMAL BY-PRODUCTS RENDERING PLANTS ...Farm Animal Wastes; Food Engineering & Technology; General Sanitation Methods; Product Development Research; Tennessee; Texas; ...3.0276

Salmonella Typhimurium

RADIATION CHEMISTRY AND RADIOBIOLOGY OF MEDIUM EFFECTS ...Aldehydes -nonspecific; Gas Chromatography; Microorganisms; Radiation; Radiation Dose Studies-general; Radiolysis; Thin Layer Chromatography; ...5.0590

Sarcina -nonspecific

CAROTENOID PIGMENTS AND PHOTOTOXICITY AND PHOTOPROTECTION IN BACTERIA ...Bacterial Studies - general; Cell Injury and Autolysis; Light; Radiation -see Specifics; ...5.0385

Serratia

MECHANISM FOR THE CONCENTRATION OF BACTERIA IN JET AND FILM DROPS ...Bacterial Ecology; Bacterial Pollutant Sources; Bubules; Free Energy; Equilibrium Const; ...2.0257

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Contamination - Soil; Dalapon; Nitrification; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Pseudomonas; Soil Fungi -nonspecific; Soil Microbiology; ...4.0330

Sewage Bacteria

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Bacterial Population Surveys; Column Chromatography; Electrophoresis; Isotope Tracer -see Tracers, Phosphorus; Sewage; ...2.0020

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation; Water Resources; Runoff (water); Turbidity (water); Water Quality -general; ...2.0079

MICROBIAL DEGRADATION OF ORGANIC POLLUTANTS OF INDUSTRIAL ORIGIN ...Bacterial Population Surveys; Industrial Wastes; Pilot Plants; Radioisotopes -nonspecific; Toxic Substances; Waste Water Treatment -general; ...2.0176

POLLUTION STUDIES OF THE REGIONAL OGALLALA AQUIFER AT PORTALES, NEW MEXICO ...Aquifers; Bacterial Pollutant Sources; Coliforms -nonspecific; New Mexico; Pseudomonas; ...2.0254

THE EFFECTIVENESS OF WATERFOWL IN CARRYING PATHOGENIC MICRO-ORGANISMS ...Animal Migration; Pathology; Temporal Distribution; Waterfowl -nonspecific; ...2.0396

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Ionic Effect; Sewage; Water Pollution Sources; ...2.0434

BIOLOGICAL PROPERTIES OF SEWAGE LAGOONS AT TUSKEGEE, ALABAMA ...Alabama; Cellular Biosynthesis; Contamination - Water; Microorganisms -nonspecific; Sewage Lagoons; Water Pollutant Identification; Water Pollution Effects; ...2.0468

COMPARISON OF MULTIPLE TUBE & MEMBRANE FILTER TECHNIQUES FOR COUNTS OF COLIFORM, FAECAL COLI & ENTEROCOCCI IN TROPICAL WATERS ...Australia; Coliforms -nonspecific; Filtration; Intestinal Bacteria; Marine Plants; Tropical Regions; ...2.0483

VIABILITY OF INDICATOR BACTERIA, COLIFORM, FAECAL COLI & ENTEROCOCCI IN VARIOUS TROPICAL WATERS OF THE NORTHERN TERRITORY INCLUDING SEAWATER ...Australia; Bioindicators; Intestinal Bacteria; Water Pollutant Identification; ...2.0484

STUDIES ON THE METHANOGENIC BACTERIA IN SLUDGE ...Bacterial Classification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Methane Bacteria -nonspecific; ...2.0545

INDICATOR PATHOGEN DENSITY RELATIONSHIPS IN TRIBUTARY STREAMS ...Bacterial Ecology; Bacterial Population Surveys; Chemical Analysis (water); Escherichia Coli; Michigan; Water Pollutant Identification; ...2.0633

STUDY OF MICROBIOLOGICAL-BIOCHEMICAL PHOSPHATE SORPTION MECHANISM BY ACTIVATED SLUDGE ...Absorption - Chemistry; Activated; Bacterial Identification; Cell Membrane Permeability; Mechanism Determination; Recycle Water; ...2.0737

STUDY OF GROWING AREA STANDARD BY EXAMINING ENTEROPATHOGENS AND INDICATOR LEVELS ...Bacterial Population Surveys; Digestive System - Human; Food Contamination; Mollusca; Salmonella -nonspecific & -ot.; Water Pollutant Identification; ...2.0785

BACTERIOLOGICAL WATER QUALITY ANALYSES OF METHODS FOR DETECTING FECAL POLLUTION ...Animal Wastes - Feed Lots; Bacterial Pollutant Sources; Coliforms -nonspecific; Feces; Water Pollutant Identification; ...2.0796

SURVIVAL OF INTESTINAL BACTERIA IN PRISTINE WATERS ...Bacterial Ecology; Bacterial Pollutant Sources; Recreation; Water Resources; Sewage; Water Bacteria; ...2.0843

WATER PURIFICATION BY LARGE-SCALE ELECTROPHORESIS ...Air Pollution-chemistry; Bacteriophage; Electrophoresis; Membranes; ...2.0872

CONCENTRATION OF CHEMICALS BY FLOC FORMING ORGANISMS ...Aerobic Waste Water Treatment; Farm Animal Wastes; Industrial Wastes; Product Development Research; Waste Water Treatment -general; ...2.0933

OXYGEN CONSUMPTION IN CONTINUOUS BIOLOGICAL CULTURE ...Activated Sludge; Aeration (water); Gases; Process Design; Waste Water Treatment -general; ...2.1024

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Algae -nonspecific; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds; Phosphorus and Phosphorus Cpds; Pilot Plants; Process Design; Turbidity (water); Waste Water Treatment -general; ...2.1170

NAVY ENVIRONMENT - THE MICROBIOLOGY OF THE MIDDLE SALT LAGOON AS RELATED TO SEWAGE DISPOSAL ...Arctic; Environment; Lagoon; Polar Regions; Sewage; Waste Disposal-see Solid Waste; ...2.1200

THE MECHANISMS OF WASTE WATER TREATMENT AT LOW TEMPERATURE ...Bacterial Identification; Cellular Catabolism-see Degrad; Colorado; Hypothermal; Microorganisms -nonspecific; Waste Water Degradation; Waste Water Treatment -general; ...2.1202

MEASUREMENT OF ACTIVE BIOMASS CONCENTRATIONS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Cellular Physiology- Env. Eff.; Industrial Wastes; Sewage - Domestic; Waste Management -see Specific; Water Pollution Sources; ...2.1237

BIOLOGICAL ASPECTS OF TERTIARY PONDS ...Contamination - Water; Effluents - Waste Water; Phytoplankton; Pond; Protozoa; Sewage; Tertiary Treatment; ...2.1250

NEW MICROBIAL INDICATOR OF WASTEWATER CHLORINATION EFFICIENCY ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Chlorine; Coliforms -nonspecific; Intestinal Bacteria; Sewage - Domestic; Water Pollutant Identification; ...2.1258

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Bacterial Ecology; Cellular Physiology- Env. Eff.; Chlorine; Effluent-standards; Illinois; Water Bacteria; ...2.1259

ADAPTATION BY MICROBIAL POPULATIONS ...Bacterial Ecology; Microorganisms -nonspecific; Public Water Supply Reservoirs; ...2.1345

KINETICS AND MECHANISMS IN ACTIVATED SLUDGE PROCESSES ...Activated Sludge; Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Kinetics; Process Design; Waste Water Treatment -general; ...2.1386

MICROBIOLOGICAL CHARACTERIZATION OF ACTIVATED SLUDGE IN A WASTEWATER TREATMENT PLANT CHEMICALLY MODIFIED FOR PHOSPHORUS REMOVAL ...Activated Sludge; Bacterial Identification; Cellular Physiology- Env. Eff.; Organics; Phosphorus and Phosphorus Cpds; ...2.1402

PHOSPHATE UPTAKE, STORAGE, AND RELEASE BY MICROORGANISMS IN WASTEWATER TREATMENT ...Carbon; Microorganisms -nonspecific; Nutrients; Phosphorus and Phosphorus Cpds; Recycle Water; Sludge; Waste Water Treatment -general; ...2.1451

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Adsorption; Algal Physiology; Colloidal Phenomena; Eutrophication; Gases; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Waste Water Treatment -general; ...2.1463

PARABIOTIC GROWTH CHARACTERISTICS OF SELECTED SEWAGE BACTERIA ...Activated Sludge; Aerobic Bacteria; Bacterial Ecology; Heterotrophic Bacteria; Sewage; Waste Water Treatment -general; ...2.1536

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment -general; ...2.1775

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Water Bacteria; ...2.1776

THE ECOLOGY OF THE MICROBIAL POPULATION OF ACTIVATED SLUDGE ...Activated; Degradation -see Pesticide Deg; Mechanism Determination; Toxic Substances; Waste Management -see Specific; ...3.0021

THE EVALUATION OF ACROLEIN AND ANALOGS TO DEODORIZE SEPTIC WATERS ...Aldehydes -nonspecific; Septic Tanks; Waste Treatment Economics; ...3.0051

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Agricultural Runoff; Farm Animal Wastes; Irrigation; Taste & Odor of Water; Waste Treatment Economics; Water Pollution Sources; ...3.0060

TECHNIQUES FOR IMPROVING THE AMOUNT AND EFFICIENCY OF OXYGEN INCORPORATION INTO RAPID-RATE BIOLOGICAL WASTE TREATMENT SYSTEMS ...Activated Sludge; Oxidation; Rapid Reactions; Waste Treatment; Waste Treatment Economics; ...3.0087

TREATMENT PROCESSES - WASTES PUMPED FROM SEPTIC TANKS ...Pumps; Septic Tanks; Sewage Treatment Plant; Waste Treatment; ...3.0096

IDENTIFICATION OF LIMITING FACTORS IN THE BIOLOGICAL TREATMENT OF SEWAGE ...Activated; Kinetics; Literature Search; Model Studies; Pilot Plants; ...3.0102

BIOPOLYMERS AND POLYMER-PRODUCING MICROORGANISMS IN ACTIVATED SLUDGE ...Activated Sludge; Food Processing Wastes; Microorganisms -nonspecific; Sewage - Domestic; Soil Bacteria; Waste Treatment Economics; Water Pollution Sources; ...3.0127

BIOLOGICAL METHANE FORMATION ...Bacterial Ecology; Cellular Biosynthesis; Degradation -see Pesticide Deg; Hydrogen Bacteria; Methane Bacteria -nonspecific; Rumen Bacteria; Sulfur Bacteria; ...3.0131

USE OF ALGAE, ALGAE-PROTOZOA, AND ALGAE-BACTERIA CULTURES IN SEWAGE TREATMENT ...Algae - Chlorophyta; Algae - Cyanophyta; Cellular Physiology- Env Eff.; Foreign Agriculture; Oxygen Content (water); Product Development Research; Sewage - Domestic; Waste Water Treatment - general; ...3.0136

EFFECT OF IRRADIATION ON THE MICROECOSYSTEM OF SEWAGE ...Microorganisms -nonspecific; Radiation; Sewage; ...3.0137

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Chlorination; Combustible Filters; Filters-filtration; Massachusetts; Pumps; Storm Sewer Quantity; Waste Treatment Economics; ...3.0169

MICROBIOLOGY OF SLUDGE - DNA ANALYSIS AND N2 REMOVAL ...Activated; Cellular Viability; Denitrification -see Nitrogen; Hyperthermal; Nitrogen and Nitrogen Cpds.; ...3.0207

SOLID AND LIQUID WASTES ...Activated Sludge; Flocculation; Salmonella -nonspecific & -ot.; Solid Waste; Waste Water - general; ...3.0219

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Anseriformes; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Detergents -see Surfactants; Feces; Poultry -nonspecific; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...3.0220

REMOVAL OF BOD AND NUTRIENTS BY BIOLOGICAL SLIMES ...Bacterial Morphology; Biochemical Oxygen Demand; Denitrification -see Nitrogen; Sewage; ...3.0224

WASTE DISPOSAL ...Aerobic Bacteria; Animal Wastes - Feed Lots; Clostridia; Farm Animal Wastes; Methane Bacteria -nonspecific; Soil Microbiology; Temperature - Air; ...3.0233

SOLUBLE PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Alum Waste Water Treatment; Phosphorus and Phosphorus Cpds; Sewage; ...3.0300

THERMOPHILIC AEROBIC PROCESS FOR WASTE TREATMENT ...Activated; Aerobic Waste Water Treatment; Mathematical Models; Process Design; Thermophilic Bacteria; Waste Water Treatment -general; ...3.0308

MICROBIAL RELEASE OF SOLUBLE PHOSPHATE IN AN ACTIVATED SLUDGE ENVIRONMENT ...Cellular Metabolism - Controls; Cellular Physiology- Env Eff.; Gases; Microorganisms - nonspecific; Waste Management -see Specific; Waste Water Treatment -general; ...3.0331

ISOLATION OF LYTIC AGENTS RELATED TO SPHAEROTILUS ...Activated Sludge; Bacillus Cereus; Cell Injury and Autolysis; Geotrichum; Sewage; Sphaerotilus; ...3.0334

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Agricultural Runoff; Animal Wastes - Feed Lots; Farm Animal Wastes; Poultry -nonspecific; Sewage Lagoons; Staphylococcus Epidermidis; ...3.0348

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS ...Algae -nonspecific; Chlorination; Effluents - Waste Water; Pseudomonas; Sewage; Sewage Lagoons; Water Pollution - see Specifics; Zooplankton; ...3.0356

USE OF SEWAGE TO PRODUCE ALGAE FOR LIVESTOCK FEED ...Algae - Chlorophyta; Algae - Cyanophyta; Algal Physiology; Fungi -nonspecific; Plant Waste Removal, Treatment; ...3.0369

Shigella -nonspecific & -other

CORRELATIONS OF BACTERIAL PATHOGEN OCCURRENCES IN WATER WITH FECAL COLIFORM DENSITY LIMITS PROPOSED FOR WATER QUALITY STANDARDS ...Bacterial Pollutant Sources; Coliforms -nonspecific; Salmonella -nonspecific & -ot.; Water Bacteria; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0719

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Alkalinity (water); Bacterial Studies -general; Coliforms - nonspecific; Farm Animal Wastes; Farm Pond; Mineralogical Water Properties; Sewage Lagoons; Streptococcus Fecalis; ...3.0059

Soil Bacteria

EFFECT OF AIR POLLUTION - MICROBES IN VIVO AND IN VITRO ...Air Pollution -see Specifics; Cellular Viability; Microorganisms -nonspecific; Soil Fungi -nonspecific; Sulfur Dioxide; ...1.0379

DEGRADATION OF SEWAGE AND SOIL MICROORGANISMS ...Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Escherichia Coli; Marine Plants; Sewage; ...2.1041

MYCOLOGICAL PHENOMENA IN SEWAGE SPREADING BASINS ...Activated; Cellular Catabolism-see Degrad; Environmental Factors; Sewage; Soil Microbiology; Waste Disposal on Soils; ...2.1185

WASTE WATER ODOR REDUCTION MECHANISMS IN SOIL FILTERS ...Cellular Physiology- Env Eff.; Degradation -see Pesticide Deg; Filtration; Soil Chemical Properties; Soil Filters; Taste & Odor of Water; Water Quality Control -general; ...2.1447

EFFECTS OF GARBAGE COMPOST ON SOIL AND CROP PRODUCTION ...Avena Sativa; Plant Waste Removal, Treatment; Soil - Crop Relationships; Soil Chemical Properties; Soil Microbiology; Soil pH; Waste Disposal on Soils; ...3.0003

BIOPOLYMERS AND POLYMER-PRODUCING MICROORGANISMS IN ACTIVATED SLUDGE ...Activated Sludge; Food Processing Wastes; Microorganisms -nonspecific; Sewage - Domestic; Waste Treatment Economics; Water Pollution Sources; ...3.0127

PESTICIDE DETOXICATION MECHANISMS OF MICROORGANISMS IN SOIL AND WATER ...Bacterial Identification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Maloran; Pesticide Degradation -see Deg; Sevin; Soil Fungi -nonspecific; Soil Microbiology; ...4.0166

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

DISPOSITION OF PESTICIDES IN THE SOIL ...Avena Sativa; Granules; Capsules; Medicago; Plant Residues; Humus; Compost; Soil Microbiology; Yeasts -nonspecific; ...4.0178

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Colau; Glycine; Nitrification; Pesticides Compatibility; Rhizosphere; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules; Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

EPOXIDATION OF CYCLODIENE PESTICIDES BY SOIL BACTERIA ...Cellular Catabolism-see Degrad; Cyclodiene Cpds. -nonspecific; Microorganism-see Cell. Catab.; Pesticide Degradation - see Deg, Pesticide Persistance in Soils; Texas; ...4.0486

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganism-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

Sphaerotilus

ECOLOGY OF SPHAEROTILUS IN ACTIVATED SLUDGE ...Activated Sludge; Cellular Physiology- Env Eff.; Chemical Analysis - general; Process Design; Statistics; Thickening; ...2.1005

EFFECT OF PAPER FIBER WASTES ON FISH EGGS AND JUVENILES ...Contamination - Water; Fish; Industrial Wastes; In-

vertebrates -nonspecific; Physiological Effects; Pulp and Paper Wastes; ...2.1605

SLIME CONTROL ASSOCIATED WITH PULP MILL EFFLUENTS ...Bacterial Pollutant Sources; Carbon; Industrial Wastes; Process Design; Pulp and Paper Wastes; ...3.0038

RESEARCH INITIATION-PHYSIOLOGICAL AND STRUCTURAL STUDIES OF SPHAEROTILUS NATANS IN RELATION TO THE BULKING OF ACTIVATED SLUDGE ...Activated Sludge; Bacterial Morphology; Chemical Analysis (water); Isotope Tracer -see Tracers; Microscopy; ...3.0271

ISOLATION OF LYTIC AGENTS RELATED TO SPHAEROTILUS ...Activated Sludge; Bacillus Cereus; Cell Injury and Autolysis; Geotrichum; Sewage; Sewage Bacteria; ...3.0334

Staphylococcus

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Agricultural Runoff; Animal Wastes - Feed Lots; Farm Animal Wastes; Poultry -nonspecific; Sewage Lagoons; Staphylococcus Epidermidis; ...3.0348

Staphylococcus -nonspecific

INHALATION OF WHOLE SMOKE, SYNTHETIC SMOG, & AMBIENT AIR ON THE RESPIRATORY TRACT & OTHER ORGANS OF PATHOGEN-FREE MICE (ABBREV) ...Aerosols; Carbon Monoxide; Muridae; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0179

RESPIRATORY TRACT AIR POLLUTANTS AND BIOLOGICAL AGENTS ...Air Pollution -see Specifics; Cavidae; Diplococcus Pneumoniae; Muridae; Pleuropneumonia Group; Respiratory Disease; Smog -see Air Pollution; Sulfur Dioxide; ...1.0180

BACTERIOLOGY OF BIODEGRADABLE SURFACTANTS ...Bacilli -nonspecific; Bacterial Morphology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Escherichia Coli; Phenols; Surfactants -see Detergents; ...2.1492

Staphylococcus Aureus

EFFECT OF POLLUTANTS ON PULMONARY BACTERIAL DEFENSE ...Air Pollution -see Specifics; Biomass; Gases; Muridae; Phagocytosis; Respiratory Irritants, Inhaled; ...1.0174

EFFECTS OF PESTICIDES ON MICROORGANISMS IMPORTANT TO THE DAIRY INDUSTRY ...Aerobic Bacteria; DDT; Escherichia Coli; Heptachlor Epoxide; Metabolites From Pesticides; Pesticide Toxicity to Microorg; ...4.0623

THE EFFECT OF PROCESSING ON THE PESTICIDE CONTENT OF DAIRY PRODUCTS ...Chlordan; Food Contamination; Lactobacillus Sp; Physical Models; Thiodan ...4.0910

THE EFFECT OF THE INHALATION OF RADIONUCLIDES IN 'INSOLUBLE' FORMS ON THE FATE OF INHALED BACTERIA IN MICE ...Aerosols; Bacterial Population Surveys; Microorganisms; Proteus -nonspecific; Stressors; Physiological; Yttrium; ...5.0439

PHYSICAL AND PHYSIOLOGICAL COMPONENTS OF RADIATION EFFECTS IN CELLS ...Bacillus Megaterium; Bacterial Morphology; Cell Injury and Autolysis; Microorganisms; Radiation; ...5.0829

Staphylococcus Epidermidis

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Agricultural Runoff; Animal Wastes - Feed Lots; Farm Animal Wastes; Poultry -nonspecific; Sewage Lagoons; ...3.0348

Streptococcus -nonspecific

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological Effects; Eutrophication; Microorganisms -nonspecific; Nitrogen and Nitrogen Cpds.; Physical Water Properties; ...2.0264

MOLECULAR AND APPLIED ASPECTS OF MICROBIAL ENZYMOLOGY AND ECOLOGY ...Animal Wastes - Feed Lots; Bacterial Ecology; Bacterial Population Surveys; Cellular Biosynthesis; Food Contamination; Sewage; Streptococcus Fecalis; ...2.0586

IDENTIFICATION OF INDICATOR ORGANISMS FOR EVALUATION OF WATER QUALITY ...Bacterial Pollutant Sources; Bottom Sampling; General Recreation Studies; Sanitation; Water Pollutant Identification; Water Quality -general; ...2.0716

EDDY DIFFUSION AND BACTERIAL REDUCTION IN WASTE FIELDS ...Bacteria; Coliforms -nonspecific; Light; Marine Plants; Optical Properties of Water; Waste Treatment - Radiation; ...2.1181

EFFECT OF PESTICIDES ON MORPHOLOGY AND STRUCTURE OF LACTIC ACID ORGANISMS ...Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Dipterex; Insecticides -nonspecific; Malathion Pesticides -nonspecific; ...4.0522

CAUSES OF ABORTIONS IN DAIRY CATTLE WITH PARTICULAR REFERENCE TO PESTICIDES AND MOLD TOXINS ...Aspergillus; Domestic Animals; Gibberella; Nutrition; Pesticides -nonspecific; ...4.0917

EFFECTS OF PESTICIDES USED IN DAIRY INDUSTRY ...Bacterial Morphology; Lactobacillus Sp; Pesticide in Food Chains; Product Development Research; ...4.0997

THE EFFECT OF THE INHALATION OF RADIONUCLIDES IN 'INSOLUBLE' FORMS ON THE FATE OF INHALED BACTERIA IN MICE ...Aerosols; Bacterial Population Surveys; Microorganisms; Proteus -nonspecific; Staphylococcus Aureus; Stressors; Physiological; Yttrium; ...5.0439

Streptococcus Bovis

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

Streptococcus Fecalis

MOLECULAR AND APPLIED ASPECTS OF MICROBIAL ENZYMOLOGY AND ECOLOGY ...Animal Wastes - Feed Lots; Bacterial Ecology; Bacterial Population Surveys; Cellular Biosynthesis; Food Contamination; Sewage; ...2.0586

INDICATOR PATHOGEN DENSITY RELATIONSHIPS IN TRIBUTARY STREAMS ...Bacterial Ecology; Bacterial Population Surveys; Chemical Analysis (water); Escherichia Coli; Michigan; Sewage Bacteria; Water Pollutant Identification; ...2.0633

BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL ...Aerobic Bacteria; Bacterial Pollutant Sources; Delaware Bay; Forecasting - Prediction; Recreation; Water Resources; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0756

THE GAUZE PAD METHOD FOR THE ISOLATION OF VIRUSES FROM INLAND AND ESTUARINE WATERS ...Bacterial Pollutant Sources; Coliforms -nonspecific; Estuaries; Water Pollutant Identification; ...2.0774

SIGNIFICANCE OF THE FECAL STREPTOCOCCI, COLIFORM BACTERIA AND COLIPHAGE IN RELATIONSHIP TO ENTERIC VIRUS POLLUTION IN SEWAGE AND RIVERS ...Bacterial Pollutant Sources; Bacteriophage; Rhode Island; Viruses - Animal; Water Pollutant Identification; ...2.0780

BACTERIOLOGICAL WATER QUALITY ANALYSES OF METHODS FOR DETECTING FECAL POLLUTION ...Animal Wastes - Feed Lots; Bacterial Pollutant Sources; Coliforms -nonspecific; Feces; Sewage Bacteria; Water Pollutant Identification; ...2.0796

SURVIVAL OF INDICATOR ORGANISMS AND ENTERIC BACTERIA IN WATER ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Dyes; Lakes; Nutrients; Waste Water Treatment -general; ...2.0801

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

DETECTION OF PATHOGENS IN WATER ...Bacteria -nonspecific; Bacterial Population Surveys; Escherichia Coli; Fresh Water; Water Pollutant Identification; ...2.0835

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Bacterial Ecology; Cellular Physiology- Env. Eff.; Chlorine; Effluent-standards; Illinois; Sewage Bacteria; Water Bacteria; ...2.1259

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...2.1331

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Alkalinity (water); Bacterial Studies -general; Coliforms - nonspecific; Farm Animal Wastes; Farm Pond; Mineralogical Water Properties; Sewage Lagoons; ...3.0059

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds., Sewage; South Dakota; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS ...Algae -nonspecific; Chlorination; Effluents - Waste Water; Pseudomonas; Sewage; Sewage Lagoons; Water Pollution - see Specifics; Zooplankton; ...3.0356

Streptococcus Lactis

EFFECT OF PESTICIDES ON MORPHOLOGY AND STRUCTURE OF LACTIC ACID ORGANISMS ...Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Dipteres; Insecticides -nonspecific; Malathion, Pesticides -nonspecific; Streptococcus -nonspecific; ...4.0522

REMOVAL, IN MARKET CHANNELS, OF INSECTICIDE RESIDUES FROM MILK AND MILK PRODUCTS ...Bacillus Cereus; Chemical Analysis; Food Contamination; Microorganism-see Cell. Catab.; Physical Models; ...4.0626

THE EFFECT OF PROCESSING ON THE PESTICIDE CONTENT OF DAIRY PRODUCTS ...Chlordan; Food Contamination; Lactobacillus Sp; Physical Models; Staphylococcus Aureus; Thiodan; ...4.0910

EFFECTS OF PESTICIDES USED IN DAIRY INDUSTRY ...Bacterial Morphology; Lactobacillus Sp; Pesticide in Food Chains; Product Development Research, Streptococcus -nonspecific; ...4.0997

Sulfur Bacteria

WATER POLLUTION AND ITS CONTROL BY MICROBIAL METABOLIC ACTIVITIES ...Acid Mine Drainage; Cellular Metabolism - Controls; Chemical Effects; Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; Water Quality Control -general; ...2.0160

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Bacterial Morphology; Chemical Reactions; Lagoons; Marine Biology - General; Marine Fouling; Marine Pollution; Plant Productivity -general; Thiorhodaceae; ...2.0188

INORGANIC SULFUR OXIDATION BY IRON-OXIDIZING BACTERIA ...Acid Mine Drainage; Alkalinity (water); Bacterial Pollutant Sources; Coal; Iron Bacteria; ...2.1068

MICROBIOLOGICAL REMOVAL OF IRON FROM MINE DRAINAGE WATERS ...Acid Mine Wastes; Demineralization; Mine Drainage Control; Oxidation; Reduction Reactions; Waste Water Treatment -general; ...2.1384

BIOLOGICAL METHANE FORMATION ...Bacterial Ecology; Cellular Biosynthesis; Degradation -see Pesticide Deg; Hydrogen Bacteria; Methane Bacteria -nonspecific; Rumen Bacteria; ...3.0131

Thermophilic Bacteria

MICROBIOLOGY OF THERMALLY POLLUTED ENVIRONMENTS ...Acidity (water); Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Hyperthermal; Radioisotopes -nonspecific; Water Pollutant Identification; ...2.1550

THERMOPHILIC AEROBIC PROCESS FOR WASTE TREATMENT ...Activated; Aerobic Waste Water Treatment; Mathematical Models; Process Design; Waste Water Treatment -general; ...3.0308

Thiobacillus

MICROBIOLOGY OF ACID DRAINAGE FROM COAL MINES ...Acid Mine Drainage; Bacterial Population Surveys; Biological Control; Ferrobacillus; Heterotrophic Bacteria; ...2.0432

PHYSIOLOGY OF ACIDOPHILIC BACTERIA OF ACID MINE WATERS ...Acidity (water); Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Ferrobacillus; Heterotrophic Bacteria; Ionic Effect; Water Pollution Sources; ...2.1036

Thiorhodaceae

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Bacterial Morphology; Chemical Reactions; Lagoons; Marine Biology - General; Marine Fouling; Marine Pollution; Plant Productivity -general; ...2.0188

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Athiorhodaceae; Bacterial Pollutant Sources; Farm Animal Wastes; Sewage Lagoons; ...3.0256

Ug-system Bacteria

A STUDY OF INFECTIONS IN IRRADIATED PATIENTS ...Aerobic Bacteria; Anaerobic Bacteria; Intestinal Bacteria; Microorganisms -nonspecific; Phagocytosis; Radiation, Whole Body; ...5.0626

Vibrio -nonspecific

VIBRIO PARAHAEMOLYTICUS IN CHESAPEAKE BAY - ISOLATION, INCIDENCE AND PATHOGENICITY ...Animal Interrelationships -gen; Bacterial Pollutant Sources; Chesapeake Bay; Estuaries; Muridae; Swamps - Marshes; ...2.0532

AEROBIC, HETEROTROPIC BACTERIA IN ESTUARIES ...Adenosine Triphosphate; Anaerobic Bacteria; Bacterial Identification; Degradation -see Pesticide Deg; Heterotrophic Bacteria; Marine Plants; Organic Matter; ...2.0995

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...2.1331

Water Bacteria

MECHANISM FOR THE WATER-TO-AIR TRANSFER AND CONCENTRATION OF BACTERIA ...Bacterial Ecology; Bacterial Pollutant Sources; Bubbles; Organic Water Properties; ...1.0080

CONTROL OF IRON BACTERIA IN WATER WELL SYSTEMS ...Bacterial Identification; Bacterial Pollutant Sources; Bacterial Population Surveys; Iron Bacteria; Water Quality Control - general; Water Wells; ...2.0006

PLANKTON COMMUNITY ECOLOGY IN NORTHERN CALIFORNIA LAKES ...Benthic Organisms -nonspecific; Energy Budgets, Forest Watersheds, Lower Plants; Nutrients; Plant Population Dynamics -gen; Zooplankton; ...2.0033

THE ROLE OF SLUDGE WORMS IN PROMOTING EUTROPHICATION ...Animal Productivity; Bays; Eutrophication; Invertebrate Physiology; Lakes; Sewage; ...2.0057

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Algae -nonspecific; Benthic Organisms -nonspecific; Bottom Sampling; Chemical Water Properties; Microorganisms -nonspecific; Plant Freshwater Ecology; Spectrographic Techniques; Waste Water Treatment -general; Water Quality Control -general; ...2.0114

MICROBIAL INTERVENTION IN THE EUTROPHICATION PROCESS ...Algae -nonspecific; Aquatic Soils; Deposits; Eutrophication; Mineralogical Water Properties; Organic Properties; Plant Food Chains; ...2.0177

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Algal Physiology; Eutrophic Lakes; Mineral Nutrition; Organic Water Properties; Photosynthesis; Plant Epiphytic Relationships, Plant Productivity -general; Submerged Plants; ...2.0198

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Carbon; Cellular Catabolism-see Degrad; Eutrophic Lakes; Kinetics; ...2.0323

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Bacterial Ecology; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Eutrophication; Lake Deposits; Oregon; ...2.0324

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Chemical Properties; Eutrophication; Geochemical Analysis (water); Mineralogical Water Properties; Nutrients; Organic Properties; Soil Chemical Properties; ...2.0336

CHANGES IN WATER QUALITY PARAMETERS OF RESERVOIRS DURING REGULATED FLOW CONDITIONS ...Acidity (water); Chemical Analysis (water); Eutrophication; Organic Matter; Tennessee; Water Quality -general; ...2.0369

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Pliocene Epoch; Silting (water) -see Sediment; Water Pollution Sources; ...2.0386

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties;

Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of; Water Pollution Sources; Water Quality -general; ...2.0400

EFFECT OF TEMPERATURE ON BACTERIA ...Atomic Plants; Bacterial Population Surveys; Columbia River; Environmental Aspects; Ictaluridae, ...2.0422

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS ...Biological Water Properties; Circulation (water); Eutrophication; Fish Food Organisms; Nutrients; Phytoplankton; Wisconsin; ...2.0443

EUTROPHICATION - N CYCLE - NITRIFICATION AND DENITRIFICATION ...Algae -nonspecific; Bacterial Identification; Lemnaceae; Survey Studies (water); Wisconsin; ...2.0449

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Alabama; Bacterial Ecology; Bays; Coliforms -nonspecific; Marine Pollution; Sewage; Size; Water Pollutant Identification; ...2.0464

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Analysis and Detection; Gas Chromatography; Mass Spectroscopy; Microorganisms -nonspecific; Water Pollution -see Specifics; Water Pollution Sources; ...2.0527

PHYTOPLANKTONIC NITROGEN AS AN INDEX OF CULTURAL EUTROPHICATION ...Algal Physiology; Eutrophic Lakes; Eutrophication; Model Studies; Nitrogen and Nitrogen Cpds.; Phytoplankton; Water Pollutant Identification; ...2.0637

A STUDY OF THE DEPURATION PROCESS IN OYSTERS TAKEN FROM POLLUTED WATERS AND REBEDDED IN UNPOLLUTED WATERS ...Bacterial Pollutant Sources; Bioindicators; Mississippi; Shellfish Depuration; Water Pollutant Identification; ...2.0651

DEVELOP IN-HOUSE CAPABILITY IN WATER QUALITY TECHNIQUES FOR ANALYSES OF HEAVY METALS, BACTERIA, AND PESTICIDE RESIDUES ...Bacterial Pollutant Sources; Chemical Analysis (water); Pesticide Formulation; Pesticide Residue Analysis; Pesticides -nonspecific; Pesticides -other; Pesticides -see Pesticide; ...2.0655

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ...Acidity (water); Aquatic Soils; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; New Jersey; Plant Distribution; Temperature (water); ...2.0674

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Habitat Studies; Boat Discharges; Forecasting - Prediction; Mathematical Models; New York; Swamps - Marshes; Waterfowl -nonspecific; ...2.0693

CORRELATIONS OF BACTERIAL PATHOGEN OCCURRENCES IN WATER WITH FECAL COLIFORM DENSITY LIMITS PROPOSED FOR WATER QUALITY STANDARDS ...Bacterial Pollutant Sources; Coliforms -nonspecific; Salmonella -nonspecific & -ot.; Shigella -nonspecific & -other; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0719

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Chemical Water Properties; Contamination - Water; Environmental Influences; Physical Water Properties; Sediments; Water Pollutants - Path of; ...2.0724

STUDIES ON AQUATIC MYXOBACTERIA ...Bacterial Classification; Bacterial Population Surveys; Degradation -see Pesticide Deg; Myxobacteria; Plant Habitat Studies; Water Pollution Sources; Water Quality -general; ...2.0748

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Zooplankton; ...2.0750

THE DEVELOPMENT OF DATA FOR BATHING BEACH CRITERIA ...Bacterial Pollutant Sources; Demand and Use - recreation; Recreation, Water Resources; Water Pollution -see Specifics; ...2.0781

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN WATERS AND SHELLFISH ...Digestive System - Human; Massachusetts, Viral Pollutant Sources; Water Pollutant Identification; Wisconsin; ...2.0786

DETECTION OF PATHOGENS IN WATER ...Bacteria -nonspecific; Bacterial Population Surveys; Escherichia Coli; Fresh Water; Streptococcus Focalis; Water Pollutant Identification; ...2.0835

SURVIVAL OF INTESTINAL BACTERIA IN PRISTINE WATERS ...Bacterial Ecology; Bacterial Pollutant Sources; Recreation, Water Resources; Sewage; ...2.0843

THE EFFECTS OF SUSPENDED SILTS AND CLAYS ON SELF-PURIFICATION IN NATURAL WATERS ...Adsorption Capacity; Cellular Catabolism-see Degrad; Sediments; Size; Suspension; Water Pollution Effects; ...2.0960

LIMNOLOGY--NUTRIENT-BIOTIC RELATIONSHIPS IN THE UPLAKE REGION OF BEAVER RESERVOIR ...Animal Productivity; Benthic Organisms -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plankton; Reservoirs and Impoundments; Water Properties -general; ...2.0961

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EFFLUENT PRIOR TO A MAJOR FLOW INCREASE ...Arthropods; Biological Water Properties; Chemical Water Properties; Estuaries; Recreation, Water Resources; Secondary Treatment; Sewage Treatment Plant; Water Pollutant Identification; ...2.0987

MICROBIAL DEGRADATION OF HYDROCARBONS ...Bacterial Studies -general; Contamination - Water; North Carolina; Petroleum -see Oil; ...2.1079

SIGNIFICANCE OF ARTHROBACTER IN ECOLOGY OF WATER AND SOIL ...Arthrobacter; Cellular Catabolism-see Degrad; Dominant Organisms; Moisture; Plant Resistance; Soil Ecology; Soil Microbiology; ...2.1136

WATERSHED RANGE CONDITIONS AND THEIR EFFECTS ON WATER QUALITY ...Agricultural Watersheds; Bacterial Pollutant Sources; Chemical Water Properties; Range Management; Water Quality -general; ...2.1140

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Bacterial Ecology; Cellular Physiology- Env. Eff.; Chlorine; Effluent-standards; Illinois; Sewage Bacteria; ...2.1259

MICROBIOLOGICAL INVESTIGATIONS ...Algal Pollutant Sources; Construction Materials; Corrosion, Deterioration; Fungal Pollutant Sources; Microorganisms -nonspecific; Taxonomy -plant; Water Pollution Sources; ...2.1511

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Contamination - Water; Fish; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Pollution Sources; Zinc; ...2.1628

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria, Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; ...2.1776

LIVESTOCK WASTE DISPOSAL SYSTEM INVOLVING REUSE OF WATER ...Aeration (water); Aluminum; Bos; Farm Animal Wastes; Livestock -nonspecific; Sand Filters; Water Reuse; ...3.0257

TREATMENT AND UTILIZATION OF WASTES ...Algae -nonspecific; Farm Animal Wastes; Industrial Wastes; Nutrients; Product Development Research; Waste Water Treatment - general; Water Pollution Sources; ...3.0393

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation - see Pesticide Deg; Lake Champlain; Nutrients; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Sediments; ...4.0072

Xanthomonas

CONTROLS FOR MAJOR COTTON DISEASES IN SOUTHEASTERN U. S. INCLUDING RESISTANCE ...Fungal Resistance; Fusarium; Herbicides -nonspecific; Nematode Resistance; Pesticide Phytotoxicity; Verticillium; ...4.0208

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Benlate; Fungal Physiology; Granules, Capsules; Irrigation; Pesticide Phytotoxicity; Plant Population Dynamics -gen; Thimet; Western U. S.; ...4.0243

ACTION OF SELECTIVE CHEMICALS ON MICRO-ORGANISMS AND HIGHER PLANTS ...Capsicum; Nematoda; Pesticide Evaluation; Phaseolus; Temperature - Air; Vegetables; ...4.0255

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

THE CONTROL OF TOBACCO DISEASES BY CULTURAL PRACTICES AND CHEMICALS ...Alternaria; Dd; Fungal Resistance; Nematoda; Peronosporaceae; Phytophthora; ...4.1090

Zoogloea

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Bacterial Population Surveys; Column Chromatography; Electrophoresis; Isotope Tracer -see Tracers; Phosphorus; Sewage; Sewage Bacteria; ...2.0020

INVESTIGATIONS OF ZOOGLOEAL FLOCS ...Bacterial Classification; Bacterial Identification; Flocculation; Model Studies; Waste Water Treatment -general; ...2.1461

SOLID AND LIQUID WASTES ...Activated Sludge; Flocculation; Salmonella -nonspecific & -ot.; Solid Waste; Waste Water - general; ...3.0219

Bacterial Classification

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Bacterial Population Surveys; Column Chromatography; Electrophoresis; Isotope Tracer -see Tracers; Phosphorus; Sewage; Sewage Bacteria; ...2.0020

ECOLOGY OF CLOSTRIDIUM BOTULINUM TYPE E IN GREEN BAY ...Aquatic Distribution; Bacterial Exotoxins; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Competition Among Thallophytes; Lake Michigan; Water Pollution - see Specifics; ...2.0453

STUDIES ON THE METHANOGENIC BACTERIA IN SLUDGE ...Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Methane Bacteria -nonspecific; Sewage Bacteria; ...2.0545

STUDIES ON AQUATIC MYXOBACTERIA ...Bacterial Population Surveys; Degradation -see Pesticide Deg; Myxobacteria; Plant Habitat Studies; Water Bacteria; Water Pollution Sources; Water Quality -general; ...2.0748

AEROBIC HETEROTROPIC BACTERIA IN ESTUARIES ...Adenosine Triphosphate; Anaerobic Bacteria; Bacterial Identification; Degradation -see Pesticide Deg; Heterotrophic Bacteria; Marine Plants; Organic Matter; ...2.0995

INVESTIGATIONS OF ZOOGLOEAL FLOCS ...Bacterial Identification; Flocculation; Model Studies; Waste Water Treatment - general; ...2.1461

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation - see Pesticide Deg; Lake Champlain; Nutrients; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Sediments; Water Bacteria; ...4.0072

Bacterial Ecology

MECHANISM FOR THE WATER-TO-AIR TRANSFER AND CONCENTRATION OF BACTERIA ...Bacterial Pollutant Sources; Bubbles; Organic Water Properties; Water Bacteria; ...1.0080

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Benthic Organisms -nonspecific; Coliforms -nonspecific; Fish Food Organisms; Nutrients; Plankton; Survey Studies (water); Water Properties -general; ...2.0158

MICROBIAL INTERVENTION IN THE EUTROPHICATION PROCESS ...Algae -nonspecific; Aquatic Soils; Deposits; Eutrophication; Mineralogical Water Properties; Organic Properties; Plant Food Chains; ...2.0177

POLLUTION STUDIES OF THE REGIONAL OGALLALA AQUIFER AT PORTALES, NEW MEXICO ...Aquifers; Bacterial Pollutant Sources; Coliforms -nonspecific; New Mexico; Pseudomonas; Sewage Bacteria; ...2.0254

MECHANISM FOR THE CONCENTRATION OF BACTERIA IN JET AND FILM DROPS ...Bacterial Pollutant Sources; Bubbles; Free Energy, Equilibrium Const; Serratia; ...2.0257

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICRO-ORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Chemical Water Properties; Ecological Effects; Lake Erie; Microorganisms -nonspecific; Physical Water Properties; Plant Freshwater Ecology; Plant Physiological Ecology; ...2.0300

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Eutrophication; Lake Deposits; Oregon; Water Bacteria; ...2.0324

EFFECT OF TEMPERATURE ON BACTERIA ...Atomic Plants; Bacterial Population Surveys; Columbia River; Environmental Aspects; Ictaluridae; Water Bacteria; ...2.0422

MICROBIOLOGY OF ACID DRAINAGE FROM COAL MINES ...Acid Mine Drainage; Bacterial Population Surveys; Biological Control; Ferrobacillus; Heterotrophic Bacteria; Thiobacillus; ...2.0432

MULTIPLICATION OF CLOSTRIDIUM BOTULINUM TYPE E IN THE GREAT LAKES ...Aquatic Plants -nonspecific; Bacterial Exotoxins; Bottom Sampling; Depth (water); Plant Freshwater Ecology; Wisconsin; ...2.0452

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Alabama; Bays; Coliforms -nonspecific; Marine Pollution; Sewage; Size; Water Pollutant Identification; ...2.0464

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Cell Injury and Autolysis; Degradation -see Pesticide Deg; Mathematical Models; Nutrients; Rehabilitation - streams -lakes; Sewage; Water Pollution -see Specifics; ...2.0552

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU ...Aquatic Distribution; Bays; Hawaii, Intestinal Bacteria; Nitrogen and Nitrogen Cpds.; Sewage; Water Pollutant Identification; ...2.0563

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

MOLECULAR AND APPLIED ASPECTS OF MICROBIAL ENZYMOLOGY AND ECOLOGY ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Cellular Biosynthesis; Food Contamination; Sewage; Streptococcus Fecalis; ...2.0586

THE IMPACT OF MICROORGANISMS ON OIL ...Biological Effects; Degradation -see Pesticide Deg; Food Contamination; Louisiana; Ostreidae (oyster); Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0603

INDICATOR PATHOGEN DENSITY RELATIONSHIPS IN TRIBUTARY STREAMS ...Bacterial Population Surveys; Chemical Analysis (water); Escherichia Coli; Michigan; Sewage Bacteria; Water Pollutant Identification; ...2.0633

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ...Acidity (water); Aquatic Soils; Bacterial Pollutant Sources; Chemical Water Properties; New Jersey; Plant Distribution; Temperature (water); ...2.0674

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Chemical Water Properties; Contamination - Water; Environmental Influences; Physical Water Properties; Sediments; Water Pollutants - Path of; ...2.0724

BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL ...Aerobic Bacteria; Bacterial Pollutant Sources

Delaware Bay; Forecasting - Prediction; Recreation, Water Resources; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0756

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Bacterial Pollutant Sources; Benthic Flora; Chemical Water Properties; Marine Bacteria; Marine Environments; Marine Plants; Plant Population Dynamics -gen; Water Analysis; ...2.0767

BIOLOGIC DETECTION AND CONTROL OF WATER POLLUTION ...Ecological Effects; Microorganisms -nonspecific; Reservoirs and Impoundments; Water Pollutant Identification; Water Pollution -see Specifics; Water Quality Control -general; ...2.0794

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

DETECTION AND SIGNIFICANCE OF KLEBSIELLA IN WATER ...Aerobacter Aerogenes; Algal Physiology; Bacterial Identification; Bacterial Population Surveys; Marine Plants; ...2.0837

SURVIVAL OF INTESTINAL BACTERIA IN PRISTINE WATERS ...Bacterial Pollutant Sources; Recreation, Water Resources; Sewage; Water Bacteria; ...2.0843

SIGNIFICANCE OF ARTHROBACTER IN ECOLOGY OF WATER AND SOIL ...Arthrobacter; Cellular Catabolism-see Degrad; Dominant Organisms; Moisture; Plant Resistance; Soil Ecology; Soil Microbiology; Water Bacteria; ...2.1136

EDDY DIFFUSION AND BACTERIAL REDUCTION IN WASTE FIELDS ...Bacteria; Coliforms -nonspecific; Light; Marine Plants; Optical Properties of Water; Waste Treatment - Radiation; ...2.1181

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Cellular Physiology- Env. Eff.; Chlorine; Effluent-standards; Illinois; Sewage Bacteria; Water Bacteria; ...2.1259

ADAPTATION BY MICROBIAL POPULATIONS ...Microorganisms -nonspecific; Public Water Supply Reservoirs; Sewage Bacteria; ...2.1345

INVESTIGATIONS OF ZOOGLOEAL FLOCS ...Bacterial Classification; Bacterial Identification; Flocculation; Model Studies; Waste Water Treatment -general; ...2.1461

EFFECT OF INDUSTRIAL POLLUTANTS ON WATER QUALITY ...Bioindicators; Coliforms -nonspecific; Nutrients; Water Pollutant Identification; ...2.1470

PARABIOTIC GROWTH CHARACTERISTICS OF SELECTED SEWAGE BACTERIA ...Activated Sludge; Aerobic Bacteria; Heterotrophic Bacteria; Sewage; Sewage Bacteria; Waste Water Treatment -general; ...2.1536

MICROBIOLOGY OF THERMALLY POLLUTED ENVIRONMENTS ...Acidity (water); Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Hyperthermal; Radioisotopes -nonspecific; Thermophilic Bacteria; Water Pollutant Identification; ...2.1550

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment -general; ...2.1775

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

BIOLOGICAL METHANE FORMATION ...Cellular Biosynthesis; Degradation -see Pesticide Deg; Hydrogen Bacteria; Methane Bacteria -nonspecific; Rumen Bacteria; Sulfur Bacteria; ...3.0131

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0223

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Degradation -see Pesticide Deg; Lake Champlain; Nutrients; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Sediments; Water Bacteria; ...4.0072

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Contamination - Soil; Dalapon; Nitrification; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Pseudomonas; Soil Fungi -nonspecific; Soil Microbiology; ...4.0330

Bacterial Identification

CONTROL OF IRON BACTERIA IN WATER WELL SYSTEMS ...Bacterial Pollutant Sources; Bacterial Population Surveys; Iron Bacteria; Water Bacteria; Water Quality Control -general; Water Wells; ...2.0006

ORGANIC DEBRIS ON CONNECTICUT BEACHES AND SHORES ...Cellular Catabolism-see Degrad; Connecticut; Marine Plants; Organic Matter; Physical Water Properties; Salinity (water); ...2.0084

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Ionic Effect; Sewage; Water Pollution Sources; ...2.0434

EUTROPHICATION - N CYCLE - NITRIFICATION AND DENITRIFICATION ...Algae -nonspecific; Lemnaceae; Survey Studies (water); Wisconsin; ...2.0449

VIBRIO PARAHAEMOLYTICUS IN CHESAPEAKE BAY - ISOLATION, INCIDENCE AND PATHOGENICITY ...Animal Interrelationships -gen; Bacterial Pollutant Sources; Chesapeake Bay; Estuaries; Muridae; Swamps - Marshes; ...2.0532

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants -nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

MOLECULAR AND APPLIED ASPECTS OF MICROBIAL ENZYMOLOGY AND ECOLOGY ...Animal Wastes - Feed Lots; Bacterial Ecology; Bacterial Population Surveys; Cellular Biosynthesis; Food Contamination; Sewage; Streptococcus Fecalis; ...2.0586

COLIBACTERIOPHAGES AS VIRUS INDICATORS IN WATER AND WASTEWATER ...Aerobacter Aerogenes; Bacterial Population Surveys; Bacteriophage; Effluents - Waste Water; Escherichia Coli; Viral Pollutant Sources; Water Pollutant Identification; ...2.0589

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ...Aquatic Distribution; Bacterial Pollutant Sources; Contamination - Water; Escherichia Sp; Gulf of Mexico; Mississippi; Ostreidae (oyster); Pollution Effects -see Water; ...2.0652

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ...Acidity (water); Aquatic Soils, Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; New Jersey; Plant Distribution; Temperature (water); ...2.0674

STUDY OF MICROBIOLOGICAL-BIOCHEMICAL PHOSPHATE SORPTION MECHANISM BY ACTIVATED SLUDGE ...Absorption - Chemistry; Activated; Cell Membrane Permeability; Mechanism Determination; Recycle Water; Sewage Bacteria; ...2.0737

BACTERIOLOGICAL WATER QUALITY ANALYSES OF METHODS FOR DETECTING FECAL POLLUTION ...Animal Wastes - Feed Lots; Bacterial Pollutant Sources; Coliforms -nonspecific; Feces; Sewage Bacteria; Water Pollutant Identification; ...2.0796

THE MOLECULAR NATURE OF ORGANIC WASTE REMOVAL PATTERNS ...Activated Sludge; Aquatic Fungi -nonspecific; Bacterial Population Surveys; Organic Matter; Process Design; Total Organic Carbon; ...2.0817

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

DETECTION AND SIGNIFICANCE OF KLEBSIELLA IN WATER ...Aerobacter Aerogenes; Algal Physiology; Bacterial Population Surveys; Marine Plants; ...2.0837

SURVIVAL OF INTESTINAL BACTERIA IN PRISTINE WATERS ...Bacterial Ecology; Bacterial Pollutant Sources; Recreation, Water Resources; Sewage; Water Bacteria; ...2.0843

A COMPARISON OF TOTAL COLIFORM AND FECAL COLIFORM COUNTS IN STREAM POLLUTION SURVEYS ...Coliforms -nonspecific; Literature Search; Survey Studies (water); Water Pollutant Identification; ...2.0855

AEROBIC, HETEROTROPIC BACTERIA IN ESTUARIES ...Adenosine Triphosphate; Anaerobic Bacteria; Degradation -see Pesticide Deg; Heterotrophic Bacteria; Marine Plants; Organic Matter; ...2.0995

THE MECHANISMS OF WASTE WATER TREATMENT AT LOW TEMPERATURE ...Cellular Catabolism-see Degrad; Colorado; Hypothermal; Microorganisms -nonspecific; Waste Water Degradation; Waste Water Treatment -general; ...2.1202

MICROBIOLOGICAL CHARACTERIZATION OF ACTIVATED SLUDGE IN A WASTEWATER TREATMENT PLANT CHEMICALLY MODIFIED FOR PHOSPHORUS REMOVAL ...Activated Sludge; Cellular Physiology- Env. Eff.; Organics; Phosphorus and Phosphorus Cpds; ...2.1405

INVESTIGATIONS OF ZOOGLOEAL FLOCS ...Bacterial Classification; Flocculation; Model Studies; Waste Water Treatment - general; ...2.1461

BIOLOGICAL METHODS OF SLUDGE DEWATERING ...Activated; Cellular Physiology- Env. Eff.; Microorganisms -nonspecific; Waste Drying; ...2.1490

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment - general; ...2.1775

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

BIOLOGICAL METHANE FORMATION ...Bacterial Ecology; Cellular Biosynthesis; Degradation -see Pesticide Deg; Hydrogen Bacteria; Methane Bacteria -nonspecific; Rumen Bacteria; Sulfur Bacteria; ...3.0131

POULTRY WASTE DISPOSAL AND ASSOCIATED ODOR CONTROL ...Bacteria -nonspecific; Desulfovibrio; Farm Animal Wastes; Feces; Odor; Sulfhydryl Compounds; Waste Disposal-see Solid Waste; ...3.0232

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Agricultural Runoff; Animal Wastes - Feed Lots; Farm Animal Wastes; Poultry -nonspecific; Sewage Lagoons; Staphylococcus Epidermidis; ...3.0348

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS ...Algae -nonspecific; Chlorination; Effluents - Waste Water; Pseudomonas; Sewage; Sewage Lagoons; Water Pollution - see Specifics; Zooplankton; ...3.0356

PESTICIDE DETOXICATION MECHANISMS OF MICROORGANISMS IN SOIL AND WATER ...Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Maloran; Pesticide Degradation -see Deg; Sevin; Soil Fungi -nonspecific; Soil Microbiology; ...4.0166

METABOLISM OF PESTICIDES BY RUMEN MICROBIOTA AND FACTORS INFLUENCING ABSORPTION ...Capra; DDT; Intestinal Bacteria; Microorganism-see Cell. Catab.; Pesticide Action on Plants; Petroleum -see Oil; ...4.0668

Bacterial Morphology

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Chemical Reactions; Lagoons; Marine Biology - General; Marine Fouling; Marine Pollution; Plant Productivity -general; Thiorhodaceae; ...2.0188

BACTERIOLOGY OF BIODEGRADABLE SURFACTANTS ...Bacilli -nonspecific; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Escherichia Coli; Phenols; Staphylococcus -nonspecific; Surfactants -see Detergents; ...2.1492

REMOVAL OF BOD AND NUTRIENTS BY BIOLOGICAL SLIMES ...Biochemical Oxygen Demand; Denitrification -see Nitrogen; Sewage; Sewage Bacteria; ...3.0224

RESEARCH INITIATION-PHYSIOLOGICAL AND STRUCTURAL STUDIES OF SPHAEROTILUS NATANS IN RELATION TO THE BULKING OF ACTIVATED SLUDGE ...Activated Sludge; Chemical Analysis (water); Isotope Tracer -see Tracers; Microscopy; Sphaerotilus; ...3.0271

ECONOMIC OPTIMIZATION OF SECONDARY TREATMENT AND DETERMINATION OF LOAD TO CONTROL BIOLOGICAL GROWTHS IN A STREAM ...Aeration (water); Lagoon; Optimization, Economic; Secondary Treatment; Waste Treatment Economics; ...3.0336

EFFECT OF PESTICIDES ON MORPHOLOGY AND STRUCTURE OF LACTIC ACID ORGANISMS ...Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Dipterex; Insecticides -nonspecific; Malathion; Pesticides -nonspecific; Streptococcus -nonspecific; ...4.0522

EFFECTS OF PESTICIDES USED IN DAIRY INDUSTRY ...Lactobacillus Sp; Pesticide in Food Chains; Product Development Research; Streptococcus -nonspecific; ...4.0997

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLETAND X-IRRADIATION DAMAGE ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Cellular Viability; Haemophilus Sp; Microorganisms; Radiation; ...5.0456

RESPONSE OF LIVING CELLS TO HIGH INTENSITY PULSED ELECTRONS AND EXAMINATION OF OXYGEN DIFFUSION KINETICS IN CELLS ...Anoxia and Hypoxia; Cancer; Metabolism and Biochemistry; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0491

THE RELATIONSHIP OF RADIATION SENSITIVITY TO ALTERATIONS IN THE DNA OF B. SUBTILIS ...Bacillus Subtilis; Cell Membrane Permeability; Cellular Catabolism-see Degrad; Microorganisms; Radiation Sensitivity -man; Ultra Violet Radiation; X and Gamma Rays; ...5.0564

BASIC ASPECTS OF THE ACTION OF RADIATION ON MICROORGANISMS ...Bacillus Subtilis; Bacteriophage; Cell Injury and Autolysis; Cellular Repair Mechanisms; Microorganisms; Radiation Injury Prevention; Radiation Sources -general; ...5.0595

STRUCTURE OF THE SPORE-TYPE PHOTOPRODUCT ...Bacteria -nonspecific; Cell Injury and Autolysis; Microorganisms; Radiation; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0639

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Bacteria -nonspecific; Cell Injury and Autolysis; Gases; Microorganisms; Plants; Radiation; Temperature; X and Gamma Rays; ...5.0677

PHYSICAL AND PHYSIOLOGICAL COMPONENTS OF RADIATION EFFECTS IN CELLS ...Bacillus Megaterium; Cell Injury and Autolysis; Microorganisms; Radiation; Staphylococcus Aureus; ...5.0829

Bacterial Population Surveys

EXPERIMENTAL INFECTIVE PNEUMOCONIOSIS ...Air Pollution -see Specifics; Asbestos; India; Miners; Occupational Hazards; Respiratory Bacteria; Respiratory Irritants, Inhaled; ...1.0203

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Mathematical Models; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0433

CONTROL OF IRON BACTERIA IN WATER WELL SYSTEMS ...Bacterial Identification; Bacterial Pollutant Sources; Iron Bacteria; Water Bacteria; Water Quality Control -general; Water Wells; ...2.0006

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Column Chromatography; Electrophoresis; Isotope Tracer -see Tracers; Phosphorus; Sewage; Sewage Bacteria; ...2.0020

MICROBIAL DEGRADATION OF ORGANIC POLLUTANTS OF INDUSTRIAL ORIGIN ...Industrial Wastes; Pilot Plants; Radioisotopes -nonspecific; Toxic Substances; Waste Water Treatment -general; ...2.0176

POLLUTION STUDIES OF THE REGIONAL OGALLALA AQUIFER AT PORTALES, NEW MEXICO ...Aquifers; Bacterial Pollutant Sources; Coliforms -nonspecific; New Mexico; Pseudomonas; Sewage Bacteria; ...2.0254

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Bacterial Ecology; Cellular Physiology- Env. Eff.; Eutrophication; Lake Deposits; Oregon; Water Bacteria; ...2.0324

EFFECT OF TEMPERATURE ON BACTERIA ...Atomic Plants; Columbia River; Environmental Aspects; Ictaluridae; Water Bacteria; ...2.0422

MICROBIOLOGY OF ACID DRAINAGE FROM COAL MINES ...Acid Mine Drainage; Biological Control; Ferrobacillus; Heturotrophic Bacteria; Thiobacillus; ...2.0432

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Ionic Effect; Sewage; Water Pollution Sources; ...2.0434

ECOLOGY OF CLOSTRIDIUM BOTULINUM TYPE E IN GREEN BAY ...Aquatic Distribution; Bacterial Exotoxins; Cellular Physiology- Env. Eff.; Competition Among Thallophytes; Lake Michigan; Water Pollution -see Specifics; ...2.0453

BIOLOGICAL PROPERTIES OF SEWAGE LAGOONS AT TUSKEGEE, ALABAMA ...Alabama; Cellular Biosynthesis; Contamination - Water; Microorganisms -nonspecific; Sewage Lagoons; Water Pollutant Identification; Water Pollution Effects; ...2.0468

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Analysis and Detection; Gas Chromatography; Mass Spectroscopy; Microorganisms -nonspecific; Water Bacteria; Water Pollution -see Specifics; Water Pollution Sources; ...2.0527

STUDIES ON THE METHANOGENIC BACTERIA IN SLUDGE ...Bacterial Classification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Methane Bacteria -nonspecific; Sewage Bacteria; ...2.0545

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Cladosporium; Effluents - Waste Water; Fumigants -nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

MOLECULAR AND APPLIED ASPECTS OF MICROBIAL ENZYMOLOGY AND ECOLOGY ...Animal Wastes - Feed Lots; Bacterial Ecology; Cellular Biosynthesis; Food Contamination; Sewage; Streptococcus Fecalis; ...2.0586

COLIBACTERIOPHAGES AS VIRUS INDICATORS IN WATER AND WASTEWATER ...Aerobacter Aerogenes; Bacterial Identification; Bacteriophage; Effluents - Waste Water; Escherichia Coli; Viral Pollutant Sources; Water Pollutant Identification; ...2.0589

MICROBIAL TRANSFORMATIONS IN SEA WATER ...Cellular Catabolism-see Degrad; Competition Among Thallophytes; Marine Bacteria; Marine Biology - General; Marine Plants; Marine Pollution; Organics; ...2.0622

INDICATOR PATHOGEN DENSITY RELATIONSHIPS IN TRIBUTARY STREAMS ...Bacterial Ecology; Chemical Analysis (water); Escherichia Coli; Michigan; Sewage Bacteria; Water Pollutant Identification; ...2.0633

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ...Acidity (water); Aquatic Soils; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; New Jersey; Plant Distribution; Temperature (water); ...2.0674

ENTEROVIRUSES IN DEPURATED HARD CLAMS, 'MERCENARIA MERCENARIA' ...Antibiotics -nonspecific; Bacteria - nonspecific; Clams; Contamination - Water; Long Island Sound; Shellfish Depuration; Viruses - Animal; ...2.0696

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Cellular Physiology- Env. Eff.; Chemical Water Properties; Contamination - Water; Environmental Influences; Physical Water Properties; Sediments; Water Pollutants - Path of; ...2.0724

STUDIES ON AQUATIC MYXOBACTERIA ...Bacterial Classification; Degradation -see Pesticide Deg; Myxobacteria; Plant Habitat Studies; Water Bacteria; Water Pollution Sources; Water Quality - general; ...2.0748

ESCHERICHIA COLI SEROTYPES IN MICROBIAL POLLUTION OF WATER ...Bacterial Pollutant Sources; Bacterial Serology; Escherichia Coli; Mammals -nonspecific; Sewage; Water Pollution -see Specifics; ...2.0763

SIGNIFICANCE OF THE FECAL STREPTOCOCCI, COLIFORM BACTERIA AND COLIPHAGE IN RELATIONSHIP TO ENTERIC VIRUS POLLUTION IN SEWAGE AND RIVERS ...Bacterial Pollutant Sources; Bacteriophage; Rhode Island; Streptococcus Fecalis; Viruses - Animal; Water Pollutant Identification; ...2.0780

DIRECT, LOW TEMPERATURE ENUMERATION METHODS FOR FECAL COLIFORMS IN WATER ...Bacterial Pollutant Sources; Coliforms -nonspecific; Water Pollutant Identification; ...2.0783

QUANTITATIVE RECOVERY OF PSEUDOMONAS AERUGINOSA FROM POTABLE AND RECREATIONAL WATERS ...Bacterial Pollutant Sources; Estuaries; Potable Water; Pseudomonas Aeruginosa; Recreation, Water Resources; Water Pollutant Identification; ...2.0784

STUDY OF GROWING AREA STANDARD BY EXAMINING ENTEROPATHOGENS AND INDICATOR LEVELS ...Digestive System - Human; Food Contamination; Mollusca; Salmonella - nonspecific & -ot.; Sewage Bacteria; Water Pollutant Identification; ...2.0785

BACTERIOLOGICAL WATER QUALITY ANALYSES OF METHODS FOR DETECTING FECAL POLLUTION ...Animal Wastes - Feed Lots; Bacterial Pollutant Sources; Coliforms -nonspecific; Feces; Sewage Bacteria; Water Pollutant Identification; ...2.0796

THE MOLECULAR NATURE OF ORGANIC WASTE REMOVAL PATTERNS ...Activated Sludge; Aquatic Fungi -nonspecific; Organic Matter; Process Design; Total Organic Carbon; ...2.0817

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

DETECTION OF PATHOGENS IN WATER ...Bacteria -nonspecific; Escherichia Coli; Fresh Water; Streptococcus Fecalis; Water Pollutant Identification; ...2.0835

DETECTION AND SIGNIFICANCE OF KLEBSIELLA IN WATER ...Aerobacter Aerogenes; Algal Physiology; Bacterial Identification; Marine Plants; ...2.0837

DIRECT METHODS FOR THE ENUMERATION OF SALMONELLA IN WATER ...Bacterial Pollutant Sources; Marine Biology - General; Recreation, Water Resources; Swimming; Water Pollution -see Specifics; ...2.0940

PHYSIOLOGY OF ACIDOPHILIC BACTERIA OF ACID MINE WATERS ...Acidity (water); Cellular Physiology- Env. Eff.; Ferrobacillus; Heterotrophic Bacteria; Ionic Effect; Thiobacillus; Water Pollution Sources; ...2.1036

INORGANIC SULFUR OXIDATION BY IRON-OXIDIZING BACTERIA ...Acid Mine Drainage; Alkalinity (water); Bacterial Pollutant Sources; Coal; Iron Bacteria; ...2.1068

DEGRADATION OF PETROLEUM AND RELATED COMPOUNDS IN THE BIOSPHERE ...Cellular Catabolism-see Degrad; Ionic Effect; Marine Plants; Oil; Petroleum -see Oil; Petroleum Research; ...2.1071

THE MECHANISMS OF WASTE WATER TREATMENT AT LOW TEMPERATURE ...Bacterial Identification; Cellular Catabolism-see Degrad; Colorado; Hypothermal; Microorganisms -nonspecific; Waste Water Degradation; Waste Water Treatment - general; ...2.1202

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...2.1331

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment - general; ...2.1775

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

MICROBIOLOGY OF ANAEROBIC SLUDGE ...Anaerobic Bacteria; Fermentation; Methane Bacteria -nonspecific; Rate of Reaction; Waste Water Treatment -general; ...3.0251

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific; Calorimetry; Degradation; Fungi -nonspecific; Industrial Wastes; Photolysis; Pulp and Paper Wastes; Thin Layer Chromatography; Waste Water Degradation; ...3.0284

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Surfactants - see Detergents; Water Pollutants - Path of; ...3.0312

PESTICIDE DETOXICATION MECHANISMS OF MICROORGANISMS IN SOIL AND WATER ...Bacterial Identification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Maloran; Pesticide Degradation -see Deg; Sevin; Soil Fungi -nonspecific; Soil Microbiology; ...4.0166

EVALUATION OF THE EFFECT OF PESTICIDES ON THE LIPID CONTENT OF RUMEN BACTERIA ...Biochemical Analysis - Tissues; Pesticide Evaluation; Pesticide Toxicity to Microorg; Pesticides -nonspecific; Rumen Bacteria; ...4.0523

GENETICS OF RADIATION AND RADIOMIMETIC AGENTS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Metabolism - Controls; Radiation Injury Prevention; Radiation Resistance; Radiation Sensitivity -man; Radiation Sources - general; ...5.0167

KINETIC AND BIOCHEMICAL ANALYSIS OF INTERACTING RADIATION RECOVERY SYSTEMS IN ESCHERICHIA COLI ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Escherichia Coli; Microorganisms; Radiation; Radiation Sensitivity -man; ...5.0334

THE EFFECT OF THE INHALATION OF RADIONUCLIDES IN 'INSOLUBLE' FORMS ON THE FATE OF INHALED BACTERIA IN MICE ...Aerosols; Microorganisms; Proteus -nonspecific; Staphylococcus Aureus; Stressors, Physiological; Yttrium; ...5.0439

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLET AND X-IRRADIATION DAMAGE ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Haemophilus Sp; Mutagenesis -nonspecific; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0455

X-RAY-INDUCED DAMAGE TO THE DNA OF HAEMOPHILUS INFLUENZAE AND CELLULAR RESPONSE TO THAT DAMAGE ...Cellular Biosynthesis; Kinetics; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0644

EFFECTS OF UV ON GENETIC MATERIAL ...Bacteria -nonspecific; Bacteriophage; Cellular Repair Mechanisms; Dose Rate, Dose Fractionation; Radiation; Streptomycin; ...5.0684

THE DETECTION AND ANALYSIS OF MUTAGENS ...Bacteria - nonspecific; Cell Injury and Autolysis; Chemical Mutagenesis; Evolution; Microorganisms; Radiation; ...5.0773

Bacterial Serology

PLANT DISEASE SURVEY ...Air Pollution -see Specifics; Corynebacteria -nonspecific; Fruit, Nut, and Berry Crops; Plant Pathogenetic Fungi; Pyrus Malus; Triticum; ...1.0426

INDICATOR PATHOGEN DENSITY RELATIONSHIPS IN TRIBUTARY STREAMS ...Bacterial Ecology; Bacterial Population Surveys; Chemical Analysis (water); Escherichia Coli; Michigan; Sewage Bacteria; Water Pollutant Identification; ...2.0633

ESCHERICHIA COLI SEROTYPES IN MICROBIAL POLLUTION OF WATER ...Bacterial Pollutant Sources; Bacterial Population Surveys; Escherichia Coli; Mammals -nonspecific; Sewage; Water Pollution -see Specifics; ...2.0763

Bacterial Studies -general

METABOLISM OF FIXED NITROGEN BY PLANTS AND BACTERIA ...Algae - Cyanophyta; Azotobacter; Clostridia; Eutrophication; Kinetics; ...2.0439

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Bacterial Pollutant Sources; Benthic Flora; Chemical Water Properties; Marine Bacteria; Marine Environments; Marine Plants; Plant Population Dynamics -gen; Water Analysis; ...2.0767

SURVIVAL OF INDICATOR ORGANISMS AND ENTERIC BACTERIA IN WATER ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Dyes; Lakes; Nutrients; Streptococcus Fecalis; Waste Water Treatment -general; ...2.0801

THE EFFECTS OF SUSPENDED SILTS AND CLAYS ON SELF-PURIFICATION IN NATURAL WATERS ...Adsorption Capacity; Cellular Catabolism-see Degrad; Sediments; Size; Suspension; Water Pollution Effects; ...2.0960

MICROBIAL DEGRADATION OF HYDROCARBONS ...Contamination - Water; North Carolina; Petroleum -see Oil; Water Bacteria; ...2.1070

MICROBIAL INTERACTIONS IN WASTE TREATMENT SYSTEMS ...Anaerobic Wastewater Treatment; Fermentation; Membranes; Methane Bacteria -nonspecific; Waste Digestion; Waste Water Treatment -general; ...2.1266

MICROBIOLOGICAL REMOVAL OF IRON FROM MINE DRAINAGE WATERS ...Acid Mine Wastes; Demineralization; Mine Drainage Control; Oxidation; Reduction Reactions; Waste Water Treatment -general; ...2.1384

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Farm Animal Wastes; Farm Pond; Mineralogical Water Properties; Sewage Lagoons; Streptococcus Fecalis; ...3.0059

LAGOONS FOR DAIRY FARMS ...Animal Wastes - Feed Lots; Cellular Catabolism-see Degrad; Farm Animal Wastes; Lagoon; Temperature - Air; Waste Water Treatment -general; Water Reuse; ...3.0338

PHOTO- AND RADIOCHEMICAL REACTIONS OF NUCLEIC ACIDS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Kinetics; Radiation; Radiation Chemistry - biophys.; X and Gamma Rays; ...5.0170

CAROTENOID PIGMENTS AND PHOTOTOXICITY AND PHOTOPROTECTION IN BACTERIA ...Cell Injury and Autolysis; Light; Radiation -see Specifics; Sarcina -nonspecific; ...5.0385

THE CONTROL OF RESPIRATION IN UV-IRRADIATED BACTERIA AND ITS SIGNIFICANCE IN RECOVERY FROM RADIATION DAMAGE ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Escherichia Coli; Hyperthermal; Microorganisms; Radiation; Ultra Violet Radiation; ...5.0648

ELECTRICAL AND ACOUSTICAL STUDIES OF CELLS ...Acoustics; Bacteria -nonspecific; Cell Membrane Permeability; Ionic Effect; Permeability; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0098

Bacteriophage

PRODUCTION AND DISPERSAL OF PATHOGENIC BACTERIAL AND VIRAL AEROSOLS BY AERATION OF CONTAMINATED WATERS ...Aeration (water); Aerosols; Farm Animal Wastes; Statistics; Waste Water Treatment -general; Water Pollution -see Specifics; ...1.0042

COLIBACTERIOPHAGES AS VIRUS INDICATORS IN WATER AND WASTEWATER ...Aerobacter Aerogenes; Bacterial Identification; Bacterial Population Surveys; Effluents - Waste Water; Escherichia Coli; Viral Pollutant Sources; Water Pollutant Identification; ...2.0589

SIGNIFICANCE OF THE FECAL STREPTOCOCCI, COLIFORM BACTERIA AND COLIPHAGE IN RELATIONSHIP TO ENTERIC VIRUS POLLUTION IN SEWAGE AND RIVERS ...Bacterial Pollutant Sources; Rhode Island; Streptococcus Fecalis; Viruses - Animal; Water Pollutant Identification; ...2.0780

WATER PURIFICATION BY LARGE-SCALE ELECTROPHORESIS ...Air Pollution-chemistry; Electrophoresis; Membranes; Sewage Bacteria; ...2.0872

VIRUS REMOVAL-WATER AND WASTEWATER ...Carbon; Chlorination; Flocculation; Ion Exchange; Viral Pollutant Sources; Virus; Waste Water Treatment -general; ...2.0946

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...2.1331

BIOLOGICAL CONTROL PROCESSES AND RADIATION ...Cellular Biosynthesis; Escherichia Coli; Metabolism and Biochemistry; Radiation; ...5.0142

MOLECULAR BASIS OF RADIATION LETHALITY ...Bacteria - nonspecific; Escherichia Coli; Microorganisms; X and Gamma Rays; ...5.0171

ALTERATION INDUCED BY X-RAY & ULTRAVIOLET LIGHT ON THE SYNTHESIS & MAINTENANCE OF MACROMOLECULAR COMPONENTS WITHIN MICROORGANISMS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Viability; Radiation; Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0244

PHOTODYNAMIC MUTAGENESIS ...Escherichia Coli; Microorganisms; Radiation; Reversion Mutation; Ultra Violet Radiation; ...5.0297

SOME ASPECTS OF THE MECHANISM OF BACTERIOPHAGE REPLICATION ...Cell Injury and Autolysis; Escherichia Coli; Microorganisms; Physical Mutagenesis; X and Gamma Rays; ...5.0398

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLET AND X-IRRADIATION DAMAGE ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Repair Mechanisms; Haemophilus Sp; Mutagenesis -

nonspecific; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0455

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS ...Cell Injury and Autolysis; Cellular Biosynthesis; Escherichia Coli; Microorganisms; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0478

BASIC ASPECTS OF THE ACTION OF RADIATION ON MICROORGANISMS ...Bacillus Subtilis; Cell Injury and Autolysis; Cellular Repair Mechanisms; Microorganisms; Radiation Injury Prevention; Radiation Sources -general; ...5.0595

EFFECTS OF UV ON GENETIC MATERIAL ...Bacteria -nonspecific; Cellular Repair Mechanisms; Dose Rate, Dose Fractionation; Radiation; Streptomycin; ...5.0684

Balance of Nature - Plants

BASE STUDY OF THE STATUS OF ECOLOGICAL RESEARCH ...Air Pollution -see Specifics; Air Pollution Effects; Environmental Ecology; Literature Search; Plant Ecology -nonspecific; Pollution Effects -see Water; ...1.0498

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Algal Physiology; Environmental Influences; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Phytoplankton; Temperature (water); ...2.0263

EUTROPHICATION - EFFECT OF WEED HARVESTING ...Aquatic Plants -nonspecific; Cultural Control; Eutrophication; Nutrients; Water Quality Control -general; ...2.0338

LAKE SUPERIOR PERIPHYTON IN RELATION TO WATER QUALITY ...Animal Interrelationships -gen; Contamination - Water; Fertilizers; Nutrients; Plankton; ...2.0644

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

EFFECTS OF POLLUTANTS ON SUBMARINE PLANT SYNECOLOGY ...Aquatic Plants -nonspecific; Contamination - Water; Industrial Wastes; Mineralogical Water Properties; Plant Succession; ...2.1749

Balloons

PLANETARY BOUNDARY LAYER STUDIES ...Computer Models; Heat Exchange; Temperature; Urban Research -general; ...1.0143

DISTRIBUTION OF NITRIC ACID IN THE STRATOSPHERE ...Airplanes; Chemical Analysis -general; Spectrographic Techniques; Stratosphere; ...1.0688

TRANSPORT, DEPOSITION, AND METEOROLOGICAL STUDIES OF NUCLEAR DEBRIS IN THE ATMOSPHERE ...Air Pollution Sampling; Atmospheric Dynamics; Atmospheric Structure; Circulation - Patterns; Fission Products-see Radioact.; Radioactivity, Stratosphere; Troposphere; ...1.0713

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Aerosols; Electrical Phenomena; Gamma Radiation; Mineral Processing Industry; Radiation -terrestrial; Radioactivity; Uranium; ...5.0879

Baseflow

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Forecasting - Prediction; Model Studies; Reservoirs and Impoundments; Rural Areas; Soil Chemical Properties; Waste Disposal on Soils; Water Table; ...2.0046

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Forest Watersheds; Hydrographs; Piedmont Province; Rainfall - Runoff Relationship; Slope; Soil Density; Soil Moisture; Water Table; ...2.0113

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Fresh Water; Groundwater Basins; Permian Period; Saline Water Intrusion; Seepage (water); Tectonics; Water Pollution Sources; ...2.0376

WATER RESOURCES OF THE BOWLING GREEN AREA, KENTUCKY ...Aquifers; Cooperative Studies; Floods; Groundwater Movement; Land Use; Water Resources Planning; Water Supply - general; ...2.0602

APPLICATION OF REMOTE SENSING TO HYDROGEOLOGY ...Geology -general; Groundwater Movement; Sanitary Landfills; Soil Tillage; Water Resources Planning; ...2.0866

FACTORS AFFECTING MINE DRAINAGE AND THE GROUND WATER INTERACTIONS IN SELECTED AREAS OF WESTERN PENNSYLVANIA (PART 2) ...Acid Mine Drainage; Aquifers; Chemical Analysis (water); Groundwater; Groundwater Movement; Pennsylvania; Strip Mines; ...2.0938

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Consumption; Development of Models; Floods; Land Use; Mathematical Models; Recreation, Water Resources; Statistical Models; Urban Research; ...2.1904

Bathymetry

SAN FRANCISCO BAY ...California; Marine Biology - General; Marine Pollution; San Francisco Bay; Sea Water Properties; Sedimentary History; Water Quality -general; ...2.0970

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

Bays

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

THE ROLE OF SLUDGE WORMS IN PROMOTING EUTROPHICATION ...Animal Productivity; Eutrophication; Invertebrate Physiology; Lakes; Sewage; Water Bacteria; ...2.0057

LARGE IMPOUNDMENTS - EUTROPHICATION OF LAS VEGAS BAY, LAKE MEAD ...Arid and Desert Regions; Data Acquisition; Nevada; Salinity (water); Water Quality Control - general; ...2.0064

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

CHEMICAL TRANSFORMATION, GRAND TRAVERSE BAY, LAKE MICHIGAN ...Chemical Water Properties; Lake Michigan; Rural Areas; Urban Environment; Water Pollutants - Path of; ...2.0193

EUTROPHICATION TIDAL WATERS ...Algal Physiology; Brackish Water; Estuaries; Marine Plants; New York; Optical Properties of Water; Tidewater Areas; ...2.0262

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Coastal Engineering -general; Eutrophic Lakes; Eutrophication; General Recreation Studies; New York; Plant Productivity -general; Turbidity (water); Waves -see Ocean Waves; ...2.0271

FATE OF POLLUTANTS IN ESTUARIES AND MARINE BAYS ...Coastlines - Shorelines; Estuaries; Forecasting - Prediction; Turbidity (water); Water Pollutants - Path of; Water Pollution Effects; ...2.0285

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Contamination - Water; Data Acquisition; Fish; Marine Pollution; Oregon; Pollution Effects -see Water; Salinity (water); Temperature (water); ..2.0335

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Copepoda; Eutrophication; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Puget Sound; Tides; Wind; ...2.0423

ECOLOGY OF CLOSTRIDIUM BOTULINUM TYPE E IN GREEN BAY ...Aquatic Distribution; Bacterial Exotoxins; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Competition Among Thallophytes; Lake Michigan; Water Pollution - see Specifics; ...2.0453

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Alabama; Bacterial Ecology; Coliforms -nonspecific; Marine Pollution; Sewage; Size; Water Pollutant Identification; ...2.0464

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Bioindicators; Chlorine; Contamination - Water; Mercury; Organic Matter; Pesticides -nonspecific; Population Dynamics -general; Water Pollutant Identification; Zinc; ...2.0466

ENVIRONMENTAL BIOLOGY OF TOMALES BAY ...Animal Habitat Studies; Chemical Water Properties; Environment Resistance-animals; Mans Pollutional Activities; Marine Environments; Water Standards & Baselines; ...2.0489

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

WESTERN BEAUFORT SEA ECOLOGICAL CRUISE (WEBSEC 9-70) ...Alaska; Ecological Effects; Marine Biology - General; Oil; Sea Water Chemistry; Ships and Cruises; Water Standards & Baselines; ...2.0537

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU ...Aquatic Distribution; Bacterial Ecology; Hawaii; Intestinal Bacteria; Nitrogen and Nitrogen Cpds.; Sewage; Water Pollutant Identification; ...2.0563

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Air - Sea Boundary Studies; Atomic Absorption; Degradation -see Pesticide Deg; Hawaii; Marine Pollution; Organic Matter; Water Pollutant Identification; ...2.0567

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition; Carbon; Destratification; Forecasting - Prediction; Lakes; Mathematical Models; Primary Productivity - Plants; Rate Meters; ...2.0612

WATER QUALITY, GRAND TRAVERSE BAY, LAKE MICHIGAN ...Bacterial Pollutant Sources; Lake Michigan; Microorganisms -nonspecific; Remote Sensing; ...2.0628

REMOTE SENSING ...Lake Michigan; Mapping; Maps -general; Remote Sensing; River Plume; Sediments; Thermal Pollution; ...2.0631

A STUDY OF THE DEPURATION PROCESS IN OYSTERS TAKEN FROM POLLUTED WATERS AND REBEDDED IN UNPOLLUTED WATERS ...Bacterial Pollutant Sources; Bioindicators; Mississippi; Shellfish Depuration; Water Pollutant Identification; ...2.0651

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties - general; Water Standards & Baselines; ...2.0701

STUDY OF AN UNSPOILED ESTUARY ...Management (water); Tides; Water Quality -general; Water Supply Development; ...2.0745

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

BAY WATCH ...Air Pollution Monitoring; Forecasting - Prediction; Marine Pollution; Physical Models; Water Quality Control - general; ...2.0772

ANALYTICAL PHYSICAL MODEL ...Biological Water Properties; Marine Pollution; Mathematical Analysis; Mathematical Models; Physical Models; Rhode Island; Thermodynamics; ...2.0777

EVALUATION OF MICROBIOLOGICAL STANDARDS FOR SHELLFISH GROWING WATERS ...Digestive System - Human; Food Contamination; Rhode Island; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0782

PRECISION RATIO GAS-SOURCE MASS SPECTROMETER ...Bauxite; Chemical Analysis -general; Geochemical Investigations; Mineralogical Properties; Organic Water Properties; Salinity; Sedimentary History; Water Quality -general; ...2.0815

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Analysis and Detection; Element Ratios; Fluid Mechanics; Gulf of Mexico; Lakes; Organic Matter; Tracers; Water Pollution Sources; ...2.0823

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Animal Life History Studies; Contamination - Water; Engineering Structures-general; Estuaries; Fish and Shellfish; Physiological Effects; Water Quality -general; ...2.0846

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algae -nonspecific; Algal Physiology; Contamination - Water; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Plant Physiological Ecology; Plant Species Diversity; Seasonal Distribution; Wisconsin; ...2.0853

SAN FRANCISCO BAY ...Bathymetry; California; Marine Biology - General; Marine Pollution; San Francisco Bay; Sea Water Properties; Sedimentary History; Water Quality -general; ...2.0970

ESTUARINE DIFFUSION OF POLLUTANTS ...Fluid Mechanics; Fresh Water; Oregon; Stratification (water); ...2.1085

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

ENVIRONMENTAL STUDY OF PORT PHILLIP BAY ...Algae - nonspecific; Color (water); Environment; Organic Matter; Waste Treatment; Water Quality Control -general; ...2.1485

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

THE BIOLOGY OF THE INFAUNA OF A TROPICAL SOFT BOTTOM AREA ...Annelida; Echinodermata; Estuaries; Marine Environments; Tropical Regions; ...2.1530

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Induced Temperature; Marine Plants; Population Dynamics -general; Thermal Pollution; ...2.1532

WATER AND SEDIMENT, SUPPLY AND ACCUMULATION IN THE ESTUARY, ST. LOUIS BAY, MISSISSIPPI ...Estuaries; Marine Biology - General; Mississippi; Recreation, Water Resources; River Basins; Sediment Yield; Sediments; ...2.1608

AN INVESTIGATION OF THE WATER QUALITY AND PRODUCTIVITY OF POLSON BAY, FLATHEAD LAKE, MONTANA ...Animal Productivity; Lakes; Montana; Plant Productivity -general; Water Quality -general; Water Utilization - domestic; ...2.1632

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Invertebrate Physiology; Long Island Sound; Molluscs; Population Dynamics - general; Temperature (water); Zooplankton; ...2.1638

TEMPERATURE REGIMEN IN TIDAL WATERS ...Aquatic Ecology - Animal; Biological Effects; Ecological Effects; Model Studies; Tides; Water Purification; ...2.1644

DEPENDENCE OF FISH ON TIDAL MARSHES . Aquatic Ecology - Animal; Computer Models; Management (water); Model Studies; Tides; ...2.1695

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF JONES BAY ...Animal Habitat Studies; Construction Industry; Physical Water Properties; Texas; ...2.1726

STUDY OF TEMPERATURE EFFECTS IN COOLING WATER BODIES ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Ecological Effects; Lakes; Plant Freshwater Ecology; Temperature (water); Thermal Pollution; ...2.1734

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ...Animal Productivity; Clams; Contamination - Water; Electric Power Plants; Environment Resistance-animals; Fish and Shellfish;

Heat Recovery, Industrial; Ostreidae (oyster); Temperature (water); ...2.1762

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal; Florida; Social Aspects; Urban Environment; Urban Planning; Urban Research -general; Water Quality -general; Water Resources Planning; ...2.1809

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Administration and Management; Biological Water Properties; Chesapeake Bay; Information Systems; Management (water); Social Aspects; Soil Tillage; Systems Analysis - Water Mgmt; ...2.1840

MATHEMATICAL WATER QUALITY PLANNING MODELS ...Harbors; Massachusetts; Model Studies; Systems Analysis - Water Mgmt; Tides; Water Resources Planning; ...2.1850

DELAWARE ESTUARY AND BAY WATER QUALITY SAMPLING AND MATHEMATICAL MODELING PROJECT ...Delaware Bay; Estuaries; Mathematical Models; Water Quality - general; Water Standards & Baselines; ...2.1873

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Benefit-cost Analysis; Demand and Use -recreation; Estuaries; Land Use; Oceanography -general; Rhode Island; Survey Studies (water); Water Quality Control -general; ...2.1911

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

Behavior -vertebrate

A STUDY OF SUSPECTED LEAD POISONING OF SWANS AND GEESE ...Animal Pharmacology; Aquatic Soils; Bird Studies - general; Food Supply; Pathology; Rhode Island; ...2.0355

SURVEY OF LAKE NO. 1, WINSLOW TRACT ...Aquatic Ecology - Animal; Chemical Analysis (water); Electro-fishing; Lakes; Nets; New Jersey; Water Utilization -animal; ...2.0679

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bullheads; Ecological Effects; Environmental Physiology; Marine Animals; Osteichthyes -other; Population Dynamics -general; Temperature Stress; ...2.1498

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

EFFECTS OF TEMPERATURE ON THE BEHAVIOR OF ADULT ATLANTIC MACKEREL ...Biological Rhythms; Environmental Physiology; Marine Animals; Photoperiod; Pomatomidae; Scombridae; Temperature (water); ...2.1637

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

TOXICITY OF SELECTED METALS TO CONDITIONED FISH ...Animal Behavioral Ecology; Environmental Ecology; Fish; Pesticide Action on Animals; Pollution Effects -see Water; ...2.1669

FISH AND FOOD ORGANISMS IN MINE ACID WATERS OF PENNSYLVANIA ...Acid Mine Drainage; Alkalinity (water); Chemical Effects; Fish; Physiological Effects; ...2.1691

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

HEAVY METALS AND LOCOMOTION IN FISH ...Data Processing Services; Fish; Mineralogical Water Properties; Zinc; ...2.1730

FISH BEHAVIOR AND PHYSIOLOGY ...Animal Migration; Engineering Structures-general; Environmental Physiology; Fish & Shellfish Biology; Motivation and Instinct; Pollution Effects -see Water; Sensory & Perceptual Processes; Thermal Pollution; ...2.1761

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Acid Mine Drainage; Aquatic Ecology - Animal; Bullheads; Environment Resistance-animals; Environmental Physiology; Fish Food Supply -other; Management (water); Pollution Effects -see Water; Water Resources Planning; ...2.1771

LIFE CYCLE DAIRY HOUSING, MANAGEMENT AND BEHAVIOR ...Animal Wastes - Feed Lots; Box; Computer Methods -general; Dairy Industry; Farm Animal Wastes; Iodides; Sewage Lagoons; ...3.0138

COMMUNITY CAGE HOUSING OF LAYING CHICKENS ...Farm Structures & Design; Injury -animal; Space Requirements; Wind - see Air Motion; ...3.0337

TOXICOLOGY OF SELECTED PESTICIDES IN SELECTED WILDLIFE SPECIES ...Mallard; Odocoileus; Pathology; Pesticide Phytotoxicity; Pesticides -nonspecific; Quail; ...4.0581

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects - see Water; ...4.0594

RELATIONSHIPS BETWEEN SUB-LETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ...Cyprinodontidae; DDT -see Pesticides; Fish; Laboratory Animals; Pesticide Evaluation; Pesticides -nonspecific; Psychology; ...4.0598

MULTICRITERIAL EVALUATION OF ENVIRONMENTAL PESTICIDES ...Chemical Analysis; Dieldrin; Domestic Animals; Livestock -nonspecific; Pesticide Legal Aspects; Pesticide Tolerance Rate; Pesticide Toxicity in Humans; ...4.0619

PESTICIDE INDUCED MODIFICATION OF BEHAVIORAL AND BIOELECTRIC RESPONSES TO EXTERNAL STIMULI ...Farm Safety -see Safety; Laboratory Animals; Pesticide Action on Animals; Psychology; ...4.0815

RELATIONSHIPS OF PESTICIDE APPLICATION TO PESTICIDE RESIDUES IN WILDLIFE ...DDE; Experimental Teratology; Pesticide Action on Animals; Pheasant; Tissue Accumulation Rates; ...4.0827

RELATIONSHIP OF INSECTICIDES TO PHEASANTS IN SOUTH DAKOTA ...Aldrin; Birds; Dieldrin; Pathology; Pesticide Formulation; Tissue Accumulation Rates; ...4.0847

BRAIN LESIONS, BEHAVIOR CHANGES AND PESTICIDE RESIDUES ...Anseriformes; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0883

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

CYSTEAMINE AND X-RAYS PRENATALLY - BEHAVIOR OF THE RAT ...Muridae; Psychology; Vertebrates Excl. Man; X and Gamma Rays; ...5.0405

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Animal Behavioral Ecology; Biological Rhythms; Motivation and Instinct; Odocoileus; Procyonidae; Rabbits; Range Or Territorial Distr.; Teal, Green-winged; Vertebrates Excl. Man; ...5.0413

EFFECTS OF SONIC BOOM ON MINK ...Environmental Physiology; Mustelidae; Noise; ...6.0095

Sound Production

HEARING AND VOCAL OUTPUT ...Auditory Physiology; Muridae; Noise; Psychological Response; Sensory & Perceptual Processes; Sonic Spectrograph; ...6.0084

STUDIES IN COMPARATIVE AUDITORY NEUROPHYSIOLOGY ...Vertebrates -nonspecific; ...6.0093

COMPARATIVE STUDY OF VOCAL LEARNING ...Birds; Learning and Retention; Motivation and Instinct; Psychology; Sensory & Perceptual Processes; ...6.0097

Belgium

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources; Estuaries; Fish; Marine Animals; Marine Environments; Organics; Radioactivity; Trace Elements; Zinc; ...2.0028

Bench Leveling -see Soil Cons.

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

Benefit-cost Analysis

MEASURING PERFORMANCE IN PUBLIC PROGRAMS ...Air Pollution; Cost-benefit Analysis; Economic Projections- Forecast; Public Health; Technology - Social Impact; Water Quality - general; ...1.0442

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Energy Conversion; Government - see Federal Gov.; Legal Studies; Petroleum Industry; Regulatory & Legal; Social Aspects; Water Resources Protection; ...1.0481

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

A METHOD FOR ASSESSING THE EXTENT OF POLLUTION FROM STORMWATER RUNOFF FROM AN URBAN AREA ...Sewer Systems; Storm Sewer Quantity; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0490

A MULTI-PHASIC COMPONENT STUDY TO PREDICT STORM WATER POLLUTION FROM URBAN AREAS ...Forecasting - Prediction; Rainfall - Runoff Relationship; Storm Water; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0531

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation; Economic Impact; Lakes; Pollution Effects -see Water; Regional Economics; Urban Environment; Waste Water Treatment - general; Water Quality -general; ...2.0721

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Management (water); Multiple Purpose Reservoirs; Potable Water; Regional Economics; Social Aspects; Waste Water Treatment -general; Water Resources Planning; ...2.0967

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

REMOVAL OF NUTRIENTS FROM ENRICHED FLOWS & WASTE EFFLUENTS BY THE HYDROPONIC CULTURE OF SUITABLE FORAGE PLANTS & GRASSES ...Economic Feasibility; Effluents - Waste Water; Nutrients; Waste Treatment Economics; Waste Water Treatment -general; ...2.1081

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Carbon; Effluents - Waste Water; Forcign Agriculture; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Sewage; Water Pollution Abatement; Water Quality -general; ...2.1196

DEVELOPMENT AND DEMONSTRATION OF METHODS FOR TREATMENT OF DAIRY FARM WASTEWATERS ...Agricultural Runoff; Animal Wastes - Feed Lots; Biological Treatment-general; Rainfall - Runoff Relationship; ...2.1292

THERMAL WATER DEMONSTRATION PROJECT ...Agricultural Studies -general; Heat Recovery, Industrial; Pilot Plants; Technology - Social Impact; Thermal Pollution; Water Utilization -animal; Welfare Economics; ...2.1389

NEUTRALIZATION AND PRECOAT FILTRATION OF CONCENTRATION SLUDGES FROM MINE WATER ...Acid Mine Wastes; Drainage; Mining Industry; Neutralization; Waste Treatment Economics; ...2.1391

A STUDY OF NATIONAL POLICY ALTERNATIVES FOR URBAN WATER MANAGEMENT ...Literature Search; Management (water); Urban Environment; Waste Disposal-see Solid Waste; Water Costs; Water Resources Planning; ...2.1438

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Budgeting Analysis; Cost Analysis; Desalination; Electrodialysis; Irrigation; Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1804

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Colorado; Economic Efficiency; Legal Review; Management (water); Model Studies; Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

WATER RESOURCES MANAGEMENT IN DELAWARE ...Delaware; Government -see Federal Gov.; Legal Review; Management (water); Water Quality -general; Water Resources Planning; Water Supply -general; ...2.1808

ENVIRONMENTAL QUALITY ...Computer Models; Management (water); Water Quality -general; Water Resources Planning; ...2.1810

EVALUATION OF BENEFIT-COST ESTIMATION OF THE ECOLOGIC AND ECONOMIC IMPACTS FROM WATER RESOURCES CONSERVATION AND DEVELOPMENT ...Ecological Effects; Georgia; Small Watersheds; Water Conservation -general; Water Resources Planning; ...2.1816

NETWORK EVALUATION OF WASTEWATER COLLECTION ECONOMICS ...Cost-benefit Analysis; Demography; Public Utilities; Pumps; Social Aspects; Urban Research -general; ...2.1820

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion, Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Expenditures; Finance -see Economics Entries; Lakes; Massachusetts; Model Studies; Riparian Rights; Water Pollution Abatement; Water Resources Planning; ...2.1843

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Community - Social Studies; Effluents - Waste Water; Legal Studies; Optimization, Economic; Water Costs; Water Resources Planning; Water Standards & Baselines; Welfare Economics; ...2.1844

WATER AND THE CITIES ...Architecture and Design; Inventories; Recreation, Water Resources; Urban Environment; Water Cycle; Water Pollution Abatement; ...2.1846

THE ECONOMICS OF WATER SUPPLY AND QUALITY ...Estuaries; River Basins; Water Pollution Abatement; Water Resources Planning; ...2.1847

INPUT-OUTPUT ANALYSIS OF GENERATION AND ELIMINATION OF POLLUTION IN THE UNITED STATES ECONOMY ...Air Pollution; Income Development & Growth; Process Development; Water Chemistry; ...2.1848

ECONOMICS OF WATER QUALITY CONTROL IN THE UPPER MISSISSIPPI RIVER (MINNESOTA) ...Disposal Wastes; Minnesota; Model Studies; Waste Treatment Economics; Water Purification; Water Resources Planning; ...2.1860

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTH MISSISSIPPI ...Economic Impact,

Erosion; Land Use; Mississippi; Sediments; Water Resources Planning; Watersheds; ...2.1861

ECONOMIC IMPACTS OF WATER POLLUTION CONTROL PROGRAMS ON CATTLE FEEDLOTS ...Agricultural Watersheds; Beef Industry; Bus; Water Pollution Abatement; Water Resources Planning; ...2.1864

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING ...Demand and Use -recreation; Fishing; Recreation, Outdoor; Recreation, Water Resources; Survey - Recreation; Urban Environment; User Expenditures; ...2.1877

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Electric Power Plants; Floods; Land Use; Navigation; Recreation, Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization - domestic; ...2.1881

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Confidence Intervals; Digital Computer Applications; Hudson River; Monte Carlo Methods; Optimization Techniqus; River Basins; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

ALLOCATION OF STREAM POLLUTION CARRYING CAPACITY ...Administrative Organizations; Legislation - Zoning; Model Studies; Social Aspects; Water Allocation; Water Pollution Abatement; ...2.1885

PUBLIC INVESTMENT CRITERIA FOR WATER-ORIENTED RECREATION IN THE LAKE ERIE BASIN ...Costs -see Economics Entries; Finance -see Economics Entries; Lake Erie; User Expenditures; Water Quality -general; Water Standards & Baselines; ...2.1896

ECONOMIC EVALUATION OF WATER POLLUTION CONTROL ...Demand and Use -recreation; Economics -recreation; Management (water); Model Studies; Recreation, Water Resources; Water Quality Control -general; Welfare Economics; ...2.1899

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Demand and Use -recreation; Economics -recreation; Oregon; Regional Economics; Water Demand; Welfare Economics; ...2.1900

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Consumption; Development of Models; Floods; Land Use; Mathematical Models; Recreation, Water Resources; Statistical Models; Urban Research; ...2.1904

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Effluents - Waste Water; Industrial Wastes; Management (water); Potomac River; Systems Analysis - Water Mgmt; Water Costs; Water Quality Control -general; ...2.1905

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Demand and Use - recreation; Estuaries; Land Use; Oceanography -general; Rhode Island; Survey Studies (water); Water Quality Control -general; ...2.1911

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Cost-benefit Analysis; Land Use; Optimization, Economic; Recreation, Outdoor; Texas; User Characteristics -rec.; Water Resources Planning; Water Resources Protection; ...2.1920

ANALYSIS OF POLICY ISSUES POSED BY WATER AND RELATED LAND RESOURCES PROGRAMS IN THE METROPOLITAN REGION ...Economic Impact; Land Use; Riparian Rights; Water Quality -general; ...2.1934

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization - general; ...2.1936

SEWER SYSTEM DESIGN, CONSTRUCTION AND MAINTENANCE PRACTICES AND EVALUATION ...Canada; Sewer Maintenance; Sewer Systems; Systems Analysis - Water Mgmt; Urban Environment; Urban Research -general; ...3.0081

Benthos

Benthic Fauna

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0239

PHOSPHATE MINING EFFLUENT IN ESTUARINE ECOLOGY ...Amphibious Plants; Contamination - Water; Ecological Effects; Estuaries; Mining Industry; Phosphorus and Phosphorus Cpds; Pollution Effects -see Water; Toxic Minerals; ...2.0292

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

AQUATIC-BIOTIC COMMUNITY STRUCTURE AS AN INDICATOR OF POLLUTION ...Acidity (water); Invertebrates -nonspecific; Pollution Effects -see Water; Species Diversity Measurement; Strip Mines; ...2.0469

RESEARCH ON THE MACROBENTHOS OF THE GREAT LAKES ...Annelids; Fish Food Organisms; Lake Erie; Lakes; Population Dynamics -general; Water Pollutant Identification; ...2.0624

ECOLOGICAL MONITORING OF STREAM SYSTEMS ...Aquatic Ecology - Animal; Channels; Physical Models; Water Pollutant Identification; Water Quality -general; ...2.0629

BENTHONIC INVERTEBRATES AS AN INDEX OF WATER QUALITY ...Animal Life History Studies; Bioassays; Environmental Ecology; Invertebrates -nonspecific; Water Pollutant Identification; ...2.0643

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ...Annelids; Contamination - Water; Environmental Ecology; Missouri; Physical Water Properties; Taxonomy - animal; Water Quality -general; ...2.0659

BIOLOGICAL MONITORING ...Animal Habitat Studies; Contamination - Water; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Water Pollutant Identification; ...2.0711

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Aquatic Ecology - Animal; Biological Water Properties; Chemical Analysis (water); Data Acquisition; Fish; Organic Water Properties; Pollution Effects -see Water; Survey Studies (water); ...2.0731

MACROBENTHOS AS INDICATORS OF ECOLOGICAL CHANGE ...Aquatic Ecology - Animal; Chemical Water Properties; Physical Water Properties; River Basins; Water Pollutant Identification; ...2.0816

BOTTOM FAUNA COMPOSITION STUDIES ...Aquatic Ecology - Animal; Eutrophication; Micropterus Dolomieui; Physical Control; Taxonomy -animal; Virginia; ...2.0833

A PRE-IMPOUNDMENT ECOLOGICAL STUDY OF THE BOTTOM FAUNA AND WATER QUALITY IN THE NORTH ANNA RIVER ...Atomic Plants; Chemical Analysis (water); Contamination - Water; Environmental Ecology; Management (water); Thermal Pollution; Water Standards & Baselines; ...2.0834

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EFFLUENT PRIOR TO A MAJOR FLOW INCREASE ...Arthropods; Biological Water Properties; Chemical Water Properties; Estuaries; Recreation, Water Resources; Secondary Treatment; Sewage Treatment Plant; Water Pollutant Identification; ...2.0987

REVERSAL OF EUTROPHICATION THROUGH ARTIFICIAL AERATION OF LAKES ...Aeration (water); Eutrophic Lakes; Michigan; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Vertical Distribution; ...2.1045

THE RECOVERY RATE OF AQUATIC COMMUNITIES OF STREAMS RECEIVING ACID MINE DRAINAGE ...Acid Mine Drainage; Industrial Wastes; Mining Industry; Physiological Effects; Rehabilitation -streams -lakes; Sewage; ...2.1119

LIMESTONE DRUM PRODUCTIVITY STUDY-LIMNOLOGICAL STUDY ...Acidity (water); Lakes; Limestone-general; Salmonidae; ...2.1132

DEMONSTRATION OF THE LIMITATIONS AND EFFECTS OF WASTE DISPOSAL ON AN OCEAN SHELF ...Ecological Effects; Marine Animals; Marine Environments; Marine Pollution; Sewage; ...2.1226

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Biological Water Properties; Electric Power Plants; Fish; Induced Temperature; Oxygen Content (water); Plankton; Temperature (water); Turbidity (water); Turbines; ...2.1552

EFFECTS OF FEEDLOT RUNOFF ON FISH FOOD ORGANISMS IN THE COTTONWOOD RIVER ...Agricultural Runoff; Aquatic Ecology - Animal; Bottom Sampling; Fish and Shellfish; Industrial Wastes; Kansas; Water Pollutant Identification; ...2.1558

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Energy Conversion; Estuaries; Fish & Shellfish Biology; Maine; Physical Water Properties; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1568

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Animal Productivity; Diatoms (see Also Algae); Energy Budgets; Fish; Marine Plants; New England Province; Oxygen Content (water); Sewage; ...2.1586

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Contamination - Water; Environmental Ecology; Gastropoda; Mollusca; Physical Water Properties; Taxonomy -animal; Water Pollution Sources; ...2.1623

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries; Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

WATER POLLUTION INVESTIGATION, BATTLE CREEK, SOUTH DAKOTA ...Aquatic Ecology - Animal; Ecological Effects; Pollution Effects -see Water; Population Dynamics -general; South Dakota; Water Quality -general; ...2.1710

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

THE DISTRIBUTION AND DENSITY OF MACROBENTHOS IN LAKE ARLINGTON, TEXAS ...Animal Succession; Arthropods; Ecological Effects; Lakes; Range Or Territorial Distr.; Texas; ...2.1724

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

SOME EFFECTS OF THE RECENT INTRODUCTION OF HARD WATER INTO THE WATER SUPPLY RESERVOIR OF CARVIN COVE, VIRGINIA ...Animal Productivity; Environmental Ecology; Mineralogical Water Properties; Physical Water Properties; Vertical Distribution; Water Pollution Effects; ...2.1747

EFFECTS OF MODIFICATIONS ON THE COLUMBIA RIVER ...Animal Productivity; Commercial Fishing; Electric Power Plants; Environmental Ecology; Salmo Gairdneri; Thermal Pollution; ...2.1758

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Contamination - Water; Marine Animals; Marine Biology - General; Marine Environments; Marine Geology; Marine Pollution; Oil; Pacific Ocean; Sea Water Mass & Ocean Fronts; Ships and Cruises; ...2.1794

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

THE EFFECTS OF METHOXYCHLOR ON PERCH AND FATHEAD MINNOWS ...Aquatic Ecology - Animal; Bioassay; Minnows; Pesticide Action on Animals; Stocking of Fish & Shellfish; ...4.0678

BIOLOGICAL FACTORS IN THE MANAGEMENT OF LAKE FLIES ...Animal Predation; Aquatic Ecology - Animal; Biological Control; Lakes; Pesticide in Food Chains; Pesticides -nonspecific; ...4.0914

Benthic Flora

ORGANIC DEBRIS ON CONNECTICUT BEACHES AND SHORES ...Bacterial Identification; Cellulz Catabolism-see Degrad; Connecticut; Marine Plants; Organic Matter; Physical Water Properties; Salinity (water); ...2.0084

PRIMARY PRODUCTION AND DECOMPOSITION IN ESTUARINE WATER ...Algae - Phaeophyta; Algal Physiology; Carbon; Cellular Catabolism-see Degrad; Estuaries; Marine Plants; Organic Properties; ...2.0102

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Algae -nonspecific; Aquatic Soils; Ecological Effects; Eutrophication; Hydrocharitaceae; Phytoplankton; Plant Succession; Potamogetonaceae; ...2.0266

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Cooperative Studies; Estuaries; Gases; Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Brazil; Florida; Marine Plants; Plant Distribution; Plant Population Dynamics -gen; Protozoa; Taxonomy -plant; Water Quality - general; ...2.0542

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy - plant; Water Pollutant Identification; ...2.0747

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Bacterial Pollutant Sources; Chemical Water Properties; Marine Bacteria; Marine Environments; Marine Plants; Plant Population Dynamics -gen; Water Analysis; ...2.0767

SENSITIVITY OF BENTHIC MICROFLORA TO POLLUTION GRADIENTS ...Atomic Plants; Carbon; Energy Conversion; Marine Plants; Rhode Island; Water Pollutant Identification; Water Standards & Baselines; ...2.0773

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Chemical Water Properties; Contamination - Water; Growth; Periphyton; Physiological Effects; Plant Habitat Studies; Sewage; Water Pollutant Identification; Water Pollution Sources; ...2.0778

DEMONSTRATION OF THE LIMITATIONS AND EFFECTS OF WASTE DISPOSAL ON AN OCEAN SHELF ...Benthic Fauna; Ecological Effects; Marine Animals; Marine Environments; Marine Pollution; Sewage; ...2.1226

FACTORS INFLUENCING THE PRODUCTION OF PLANKTONIC AND BENTHIC PLANTS ...Algal Physiology; Chemical Water Properties; Effluents - Waste Water; Nutrients; Optical

Properties of Water; Phytoplankton; Plant Succession; Water Pollution Sources; ...2.1473

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae; Eutrophication; Fertilizers -aquatic; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Potamogetonaceae; ...2.1650

MARINE FISHERIES - ESTUARINE ALGAL COMMUNITIES ...Animal Interrelationships -gen; Commercial Fishing; Estuaries; Marine Plants; Plant Productivity -general; Salinity (water); Training Grants, Fellowships; Water Standards & Baselines; ...2.1682

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territoria. Distr.; Salinity (water); Temperature (water); ...2.1684

Benthic Organisms -nonspecific

PLANKTON COMMUNITY ECOLOGY IN NORTHERN CALIFORNIA LAKES ...Energy Budgets; Forest Watersheds; Lower Plants; Nutrients; Plant Population Dynamics -gen; Water Bacteria; Zooplankton; ...2.0033

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Algae -nonspecific; Bottom Sampling; Chemical Water Properties; Microorganisms -nonspecific; Plant Freshwater Ecology; Spectrographic Techniques; Waste Water Treatment -general; Water Quality Control -general; ...2.0114

POLLUTION IN HAWAIIAN WATERSHEDS ...Bacterial Pollutant Sources; Biological Water Properties; Chemical Water Properties; Hawaii; Nutrients; Water Pollutant Identification; Water Pollution Effects; Water Pollution Sources; Watersheds; ...2.0118

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; India; Marine Biology - General; Ocean Currents; Radioactivity; Radioecology - Plants; Salinity; Vertebrates Excl. Man; Water Pollution Sources; ...2.0136

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Atlantic Ocean; Contamination - Water; Italy; Marine Environments; Plankton; Radioactivity; Radioecology - Plants; Trace Elements; ...2.0154

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology; Coliforms -nonspecific; Fish Food Organisms; Nutrients; Plankton; Survey Studies (water); Water Properties -general; ...2.0158

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

KINETICS OF MICROBIOLOGICALLY MEDIATED TRANSFORMATIONS OF HEAVY METALS IN AQUATIC ENVIRONMENTS ...Acidity (water); Estuaries; Lakes; Mathematical Models; Mercury; Zinc; ...2.0261

EXTENT OF LAKE ONTARIO POLLUTION CAUSED BY THE OSWEGO RIVER ...Aquatic Ecology - Animal; Ecological Effects; Lakes; Marine Environments; Pollution Effects -see Water; Range Or Territorial Distr.; Waste Dilution- Self Purifying; ...2.0272

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Animal Behavioral Ecology; Atomic Plants; Contamination - Water; Ecological Effects; Environmental Ecology; Lakes; Population Dynamics -general; Thermal Pollution; ...2.0305

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

ECOLOGY OF WESTERN GULF ESTUARIES ...Animal Habitat Studies; Animal Productivity; Dredging; Estuaries; Management (water); Marine Biology - General; Physical Effects; ...2.0384

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Depth (water); Fish; Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

AREA DESCRIPTIONS OF ALABAMA'S ESTUARIES ...Alabama; Data Reduction and Analysis; Effluents - Waste Water; Physical Water Properties; ...2.0462

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils; Marine Animals; Marine Environments; Marine Geology; Offshore Oil; Pesticides -nonspecific; Petroleum -see Oil; Zooplankton; ...2.0560

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - EFFECTS ON INDICATOR ORGANISMS ...Aquatic Ecology - Animal; Bottom Sampling; Effluents - Waste Water; Mollusca; Water Pollutant Identification; ...2.0597

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies -animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Atlantic Ocean; Fish; Marine Biology - General; Marine Pollution; Pesticides -see Pesticide; Sea Water Sampling; Water Standards & Baselines; ...2.0620

DYNAMICS OF BIOCHEMICAL OXYGEN DEMAND ...Carbon; Model Studies; New Jersey; Nitrogen and Nitrogen Cpds.; Organic Matter; Scouring; ...2.0676

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling; Chlorine; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics -general; Rural Areas; Size; ...2.0776

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0878

BIOLOGICAL STREAM SURVEILLANCE ...Bottom Sampling; Ecological Effects; Survey Studies (water); Taxonomy -plant; West Virginia; ...2.0850

LIMNOLOGY--NUTRIENT-BIOTIC RELATIONSHIPS IN THE UPLAKE REGION OF BEAVER RESERVOIR ...Animal Productivity; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plankton; Reservoirs and Impoundments; Water Properties -general; ...2.0961

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Disposal; Harbors; Industrial Wastes; Marine Biology - General; Marine Pollution; Ocean Dumping; Sea Water Properties; Solid Waste; ...2.1353

INVESTIGATION OF THE EFFECTS OF COMMERCIAL HYDRAULIC CLAM DREDGING ON VARIOUS BOTTOM HABITATS OF SELECTED ESTUARINE AREAS ...Animal Habitat Studies; Clams; Environmental Ecology; Mans Pollutional Activities; Sediments; ...2.1533

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - BENTHOS DISTRIBUTION ...Bottom Sampling; Contamination - Water; Ecological Effects; Effluents - Waste Water; Industrial Wastes; Tennessee River; Vertical Distribution; ...2.1562

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Animal Productivity; Aquatic Soils; Environmental Changes; Fish; Lakes; Nutrient Studies -animal; Population Dynamics -general; Water Analysis; ...2.1587

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Chemical Water Properties; Ecological Effects; Environment Resistance-

animals; Heat Recovery, Industrial; Photosynthesis; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

WATER QUALITY SURVEYS ...Animal Productivity; Missouri; River Basins; Water Pollution Effects; Water Quality -general; ...2.1622

EFFECTS OF SEWAGE SLUDGE ON FINFISH AND BENTHIC AND PLANKTONIC COMMUNITIES ...Atlantic Ocean; Ecological Effects; New Jersey; Sewage; ...2.1639

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

HIGH ANALYSIS FERTILIZER INVESTIGATIONS - FISHERIES ...Aquatic Ecology - Animal; Depth (water); Fertilizers -aquatic; Nutrients; Tennessee; ...2.1718

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships -gen; Annelida; Bathymetry; Columbia River; Marine Animals; Marine Environments; Marine Geology, Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

IMPACT OF LAGOONS AND SAND BLANKETS ON FISH, AQUATIC LIFE AND WATER EQUALITY ...Aquatic Ecology - Animal; Fish; Lagoons; Plankton; Sedimentary Structures; Water Quality -general; Wisconsin; ...2.1777

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

GROSS EFFECTS OF HEXADECANOL AND PLASTIC SHEET BOTTOMS ON AQUATIC LIFE IN PONDS ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Linings - Pavings, Physical Water Properties; Ponds; Water Quality -general; ...4.0054

FIELD STUDIES OF PESTICIDE EFFECTS ON FISHES ...Animal Productivity; Bioassay; Environmental Physiology; Methoxychlor; Pesticide Action on Animals; Physiological Effects; ...4.0662

EFFECTS OF METHOXYCHLOR ON FISH ...Bioassay; Fish; Methoxychlor; Pesticide Action on Animals; ...4.0679

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

Bering Sea

ECOLOGY AND NITROGEN CYCLE IN A MARINE PLANT COMMUNITY ...Alaska; Lagoons; Nitrogen Cycle -see Denitrif.; Physiological Effects; Plant Physiological Ecology; Primary Productivity - Plants; ...2.1476

Beta Particles

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY IN CITRUS ...Air Pollution -see Specifics; Carbon; Citrus; Gossypium; Nitrogen Metabolism; Permeability; ...1.0321

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Canals; Dredging; Gamma Spectroscopy; Harbors; Marine Geology; Ocean Meteorological Studies; Radioactivity; Seismology; ...2.0424

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Air Pollution -see Specifics; Fragaria; Malathion; Pesticide Interaction With Env; Pesticide Residues Removal; Residues in Foods; X and Gamma Rays; ...4.0308

RADIATION INJURY ASSOCIATED WITH HIGH ALTITUDE FLIGHTS AND SPACE OPERATIONS ...Altitude; Injury and Shock; Mammals -nonspecific; Protons; Radiation Effects - Biological; Radiologic Health; X and Gamma Rays; ...5.0079

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Lactuca; Pisum; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; Triticum; Zea Mays - Field Corn; ...5.0106

STUDY OF RADIONUCLIDE EFFECTS ON PLANT GROWTH - WITH SPECIAL REGARD TO PLANT DAMAGE CAUSED BY IONIZING RADIATION ...Dosimetry; Lactuca; Plants; Radioactive Isotopes; Triticum; Yttrium; ...5.0118

EFFECTS OF BETA RADIATION ON PLANTS ...Growth; Plants; Radioactive Fallout-cf Fallout; ...5.0119

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Arid and Desert Regions; Clay Soils; Mineral Nutrition; Plants; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Soil Moisture; X and Gamma Rays; ...5.0159

EFFECTS OF BETA AND GAMMA RADIATION ON DESERT VEGETATION ...Artemisia; Deserts, Arid Lands; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; X and Gamma Rays; ...5.0183

CELLULAR AND MOLECULAR STUDIES OF RADIATION DAMAGE AND REPAIR IN CULTURED MAMMALIAN CELLS ...Anoxia and Hypoxia; Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation; Radiation Sensitivity - man; X and Gamma Rays; ...5.0185

MECHANISMS OF LOCAL CARCINOGENESIS - RADIATION, PLASTIC FILMS, AND OTHER AGENTS ...Canidae; Plastics; Radiation Carcinogenesis; Radiation Sensitivity -man; ...5.0269

TOXICITY OF TRITIUM-LABELED COMPOUNDS ...Cell Membrane Permeability; Cellular Catabolism-see Degrad; Hydrogen; Radiation; Reactor Sites & Rad Waste; ...5.0280

METABOLISM AND REMOVAL OF SR 90 AND RA 226 IN MAN ...Aluminum; Digestive System - Human; Feces; Muridae; Phosphorus and Phosphorus Cpds, Radiation Injury Prevention; ...5.0316

RADIONUCLIDES IN THE STUDY OF BODY COMPOSITION AND THYROID DISEASE ...Hydrogen; Iodine; ...5.0336

MUTAGENIC EFFECT OF TRANSMUTATION FROM RADIONUCLIDES INCORPORATED INTO DNA OF DROSOPHILA MELANOGASTER ...Carbon; Invertebrates, Lethal Mutation; Phosphorus; ...5.0340

METABOLISM AND DOSIMETRY OF 90Y INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Body Isotope Burden; Canidae; Feces; Respiratory Irritants, Inhaled; Yttrium; ...5.0425

METABOLISM AND DOSIMETRY OF 90SR INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Canidae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Yttrium; ...5.0427

CHROMOSOME ABERRATIONS PRODUCED BY INTERNALLY DEPOSITED RADIOACTIVE MATERIALS IN THE CHINESE HAMSTER ...Alpha Particles; Cellular Molec. Systems; Cerium; Digestive System - Human; Radiation Injury Prevention; Strontium; ...5.0433

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Biochemical Analysis - Tissues; Fission Products-see Radioact.; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Respiratory Irritants, Inhaled; ...5.0436

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Aerosols; Canidae; Muridae; Radiation Effects - Biological; Radiologic Health; Respiratory Irritants, Inhaled; Stibium; Thulium; ...5.0440

METABOLISM AND DOSIMETRY OF Y91 INHALED AS FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Canidae; Feces; Respiratory Irritants, Inhaled; Yttrium; ...5.0441

TOXICITY OF SR90 IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Canidae; Radiation Dose Studies-general; Respiratory Irritants, Inhaled; Strontium; ...5.0442

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Aerosols; Barium; Cerium; Fission Products-see Radioact.; Praseodymium; Radioactivity; Strontium; Yttrium; ...5.0446

THEORETICAL INVESTIGATION OF ELECTRON LET SPECTRA AND DOSE RELATIONSHIP FOR IONIZING RADIATIONS ...Dosimetry; Metabolism and Biochemistry; Permeability; Radiation Chemistry -biophys.; Spectrographic Techniques; ...5.0492

EXPERIMENTAL RADIATION CARCINOGENESIS ...Chemical Carcinogenesis; Co-carcinogenesis; Muridae; Neutron -see Radiation; Radiation Carcinogenesis; Radiation Sensitivity -man; Radiation, Low Level; ...5.0531

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Plant Biomes; Plant Succession; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioecology - Plants; Soil Microbiology; Wisconsin; ...5.0542

RECOVERY OF A PINE FOREST FOLLOWING EXPOSURE TO IONIZING RADIATION ...Dominant Organisms; Pinus Taeda; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0543

GENETIC EFFECTS OF ACUTE BETA IRRADIATION FROM SIMULATED FALLOUT PARTICLES UPON NATURAL POPULATIONS OF VIGUIERA PORTERI ...Compositae; Plants; Radiation Effects -see Rad.; Seeds; ...5.0546

BIOLOGICAL EFFECTS OF LOW VELOCITY ELECTRONS ...Radiation Chemistry -biophys.; Radiation Effects - Biologic.; Radiation, Low Level; ...5.0557

EFFECT OF IONIZING RADIATION ON THE DISTRIBUTION OF DEOXYRIBONUCLEASES AND PHOSPHATASES IN SUB-CELLULAR FRACTIONS OF GUINEA PIG EPIDERMIS ...Cell Injury and Autolysis; Cellular Biosynthesis; Injury and Shock; Radiation Effects - Biological; ...5.0582

ANIMAL METABOLISM OF FISSION PRODUCTS AND RELATED NUCLIDES ...Calcium; Ovis: Radioactive Fallout-cf Fallout; Rumen Bacteria; Sus; Yttrium; ...5.0611

RADIOTOXICITY OF FISSION PRODUCT ELEMENTS ...Injury - animal; Radiation Effects; Radioactive Pollution -ns; Vertebrates Excl. Man; Yttrium; Zinc; ...5.0612

RADIOLOGICAL AND HEALTH PHYSICS HUMAN STUDIES ...Digestive System - Human; Human Developmental Biology; ...5.0632

RESPONSES OF PLANTS AND PLANT COMMUNITIES TO IONIZING RADIATION ...Acer Species; Carbohydrates; Festuca; Magnoliaceae; Radiation Sources -general; Radioactive Hazard; Translocation; ...5.0652

METABOLISM OF TRACE ELEMENTS ...Bos; Ovis; Radiation Effects - Biological; Radiation, Whole Body; Strontium; X and Gamma Rays; Zinc; ...5.0658

RADIATION STUDIES ON LIVESTOCK UNDER SIMULATED FALLOUT CONDITIONS ...Animal Productivity; Bos; Radiation Effects; Radioactive Fallout-cf Fallout; Sus; X and Gamma Rays; ...5.0659

METABOLIC EFFECTS OF GASTROINTESTINAL AND SKIN RADIATION INJURY ...Injury -animal; Ovis; Radiation Effects - Biological; X and Gamma Rays; Zinc; ...5.0675

BIOLOGICAL EFFECTS OF RADIATION EXPOSURES FROM LONG DURATION FLIGHTS AND REPEATED MISSIONS IN LOW DOSE LEVEL ENVIRONMENTS ...Altitude; Military Personnel; Nuclear Warfare; Pilots; Radiation, Low Level; X and Gamma Rays; ...5.0704

RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIONUCLIDES IN THE BEAGLE SKELETON ...Alpha Particles; Canidae; Injury and Shock; Radiation Carcinogenesis; Strontium; ...5.0723

RADIATION PHYSICS ...Ionizing Radiation -see Rad.; Light-catalyzed; Nuclear Radiation; Protons; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiolysis; ...5.0739

CALCULATION OF BETA DOSES FROM FALLOUT ...Civil Defense; Radiation Dose Studies-general; Radiologic Health; ...5.0789

BETATRON DOSIMETRY ...Cancer; ...5.0795

THEORETICAL DOSIMETRY AND RADIOLOGICAL PHYSICS ...Dosimetry; Nuclear Structure; Radiation Injury Prevention; Radiation Penetration; Radiation Shielding; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0809

STUDIES IN THE USE OF IONIZING RADIATION AS STIMULI ...Learning and Retention; Muridae; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; ...5.0814

USE OF IONIZING RADIATIONS AS STIMULI ...Cercopithecoidea; Muridae; Pigeon; Vertebrates Excl. Man; X and Gamma Rays; ...5.0815

PHYSICAL AND BIOLOGICAL INVESTIGATIONS OF HIGH ENERGY RADIATION DIRECTED MAINLY TOWARD THERAPY ...Cancer; Computer Methods -general; Facilities; Radiation Effects - Biological; Radiation Shielding; X and Gamma Rays; ...5.0833

SPECIAL PROBLEMS IN NUCLEAR INSTRUMENTATION AND MEASUREMENT OF W IN GASES ...Alpha Particles; Chemical Mechanisms & Kinetics; Ionization Chambers; Kinetic Isotope Effects; Plastics; Radiological Instruments; ...5.0838

RADIATION DOSIMETRY ...Energy Conversion; Neutron -see Radiation; Radiation Sources -general; Scintillation Counting; Thermal Neutrons; X and Gamma Rays; ...5.0861

RADIATION DOSE FROM DIAGNOSTIC ISOTOPE PROCEDURES ...Chlorine; Committee Support; Iodine; Mercury; Selenium; Technetium; ...5.0873

NAVY ENVIRONMENT--RADIOISOTOPE STUDIES ...Nuclear Structure; Radiation Penetration; Radiation Shielding; ...5.0890

OPERATE A RADIATION ALERT NETWORK ...Air Pollution Sampling; Automatic Weather Stations; Instrumentation; Radioactivity; Radiologic Health; ...5.0906

ANALYZE SELECTED HI-VOL SAMPLES FOR GROSS-BETA RADIATION ...Atomic Plants; Particulates - Air Pollution; Radioactive Isotopes; Radioactivity; ...5.0907

PULSED ELECTRON BEAM DOSIMETRY ...Dosimeters -see Dosimetry; Electrical Phenomena; Radiation Instruments; Radiation Sources -general; ...5.0910

RADIOLOGICAL AND HEALTH PHYSICS - ESTIMATION OF INTERNAL EXPOSURE ...Digestive System - Human; Hydrogen; Plutonium; Radium; Respiratory Irritants, Inhaled; ...5.0937

BONE CANCER INDUCTION BY RADIONUCLIDES INCIDENCE VS DOSE ...Alpha Particles; Canidae; Muridae; Plutonium; Radiation, Low Level; Strontium; ...5.0954

Bibliography

THE ROLE OF THE GENERAL CIRCULATION OF THE ATMOSPHERE IN RADIOACTIVE DEBRIS TRANSPORT ...Air Motion; Fallout -see Radioactive; Mass Transport; Radioactivity; Tropopause; Upper Atmospheric Circulation; ...1.0032

CONTINUE ACQUISITION OF INFORMATION & COMPLETE DEVELOPMENT OF ASSEMBLY FORMAT OF A MONOGRAPH ON THE HEALTH CONSEQUENCES OF AIR POLLUTION ...Air Pollution -see Specifics; Air Pollution Effects; ...1.0262

STATUS OF THERMAL POLLUTION AND RESEARCH NEEDS ...Chemical Water Properties; Hydraulics; Thermal Pollution; Water Quality Control -general; ...2.0371

BIBLIOGRAPHY ON FLUORIDATION OF PUBLIC WATER SUPPLIES ...Abstracts; Environmental Effects - Human; Fluoridation; Fluorine; Literature Search; Potable Water; ...2.0932

TREATMENT OF TAILINGS TO ENHANCE PLANT GROWTH AND PROMOTE STABILIZATION OF TAILINGS ...Lead; Mine Wastes; Mining Industry; Soil Amendments; Toxic Minerals; Zinc; ...3.0043

CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PESTICIDE MANUFACTURING WASTES ...Canada; Contamination - Water; Literature Search; Pesticide Industry; Pesticides; Pesticides -see Pesticide; ...4.0986

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL INFORMATION PROCESSING, STORAGE, AND RETRIEVAL ...Applied Climatology; Chemical Water Properties; Data Reduction and Analysis; Electric Power Plants; Information Science; Information Systems; Thermal Pollution; Water Pollution Sources; ...5.0072

TERRESTRIAL AND FRESHWATER ECOLOGY ...Aquatic Ecology - Animal; Fresh Water; ...5.0734

Bioassays

EFFECT OF POLLUTANTS ON PULMONARY BACTERIAL DEFENSE ...Air Pollution -see Specifics; Cases; Muridae; Phagocytosis; Respiratory Irritants, Inhaled; Staphylococcus Aureus; ...1.0174

EVALUATION OF CARCINOGENIC AGENTS IN CIGARETTE SMOKE ...Air Pollution -see Specifics; Biochemical Analysis - Tissues; Chemical Carcinogenesis; Petroleum Cpds. -nonspecific; Tobacco -cigarettes; ...1.0225

EFFECTS OF CIGARETTE SMOKE ON PLANT CELLS IN TISSUE CULTURES ...Air Pollution -see Specifics; Allium; Gases; Herbicides and Other Chem.; Lemnaceae; Nicotiana; Tobacco - cigarettes; ...1.0349

CONSOLIDATION & IMPROVEMENT OF ASSAY METHODS FOR THE CARCINOGEN FAMILY ...Air Pollution -see Specifics; Environmental Carcinogenesis; ...1.0790

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Contamination - Water; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Pollution Effects - see Water; Primary Productivity - Plants; Sewage; Water Quality - general; ...2.0119

ACCUMULATION OF METALS IN THE AQUATIC FOOD CHAIN IN THE ILLINOIS RIVER ...Analysis and Detection; Aquatic Soils; Illinois River; Plant Food Chains; Water Pollution Effects; ...2.0125

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological

Effects; Eutrophication; Microorganisms -nonspecific; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus - nonspecific; ...2.0264

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Contamination - Water; Environmental Physiology; Fish; Reactor Sites & Rad Waste; Temperature (water); ...2.0306

SEPARATION AND IDENTIFICATION OF TOXIC COMPOUNDS IN OIL REFINERY EFFLUENTS ...Atomic Absorption; Chromatography; Effluents - Waste Water; Industrial Wastes; Mass Spectroscopy; Petroleum Research; Waste Management -see Specific; Waste Water Treatment -general; ...2.0316

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Contamination - Water; Data Acquisition; Fish; Marine Pollution; Oregon; Pollution Effects -see Water; Salinity (water); Temperature (water); ...2.0335

PROVISIONAL ALGAL ASSAY PROCEDURES ...Algae -nonspecific; Eutrophication; Primary Productivity - Plants; Water Pollutant Identification; ...2.0487

THE IMPACT OF MICROORGANISMS ON OIL ...Bacterial Ecology; Biological Effects; Degradation -see Pesticide Deg; Food Contamination; Louisiana; Ostreidae (oyster); Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0603

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Algae -nonspecific; Chemical Analysis (water); Eutrophication; Fertilizers -aquatic; Nutrients; Ponds; Water Pollutant Identification; ...2.0636

BENTHONIC INVERTEBRATES AS AN INDEX OF WATER QUALITY ...Animal Life History Studies; Environmental Ecology; Invertebrates -nonspecific; Water Pollutant Identification; ...2.0643

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Coliforms -nonspecific; Data Reduction and Analysis; Microorganisms -nonspecific; New Mexico; Rumen Bacteria; Water Pollution -see Specifics; Water Quality -general; Water Utilization -domestic; ...2.0684

DISSOLVED INORGANIC REMOVAL BIOASSAY OF ALGAL GROWTH POTENTIAL ...Algae -nonspecific; Algal Pollutant Sources; Cellular Metabolism - Controls; Nitrogen and Nitrogen Cpds.; Tertiary Treatment; ...2.0718

THE BIOASSAY OF WATER POLLUTANTS WITH CULTURED MAMMALIAN CELLS ...Bioassay; Detergents -see Surfactants; Pesticide Formulation; Pesticides -nonspecific; Water Pollutant Identification; ...2.0769

DEVELOPMENT OF A METHOD FOR CHRONIC TOXICITY BIOASSAY USING MARINE PLANKTONIC ALGAE ...Algae - nonspecific; Lower Plants; Plant Population Dynamics -gen; Water Pollutant Identification; ...2.0788

STUDY OF NITROGEN METABOLISM IN MARINE ALGAE ...Algae -nonspecific; Algal Physiology; Marine Plants; Physiological Effects; Water Pollutant Identification; ...2.0789

USE OF MARINE PLANKTONIC ORGANISMS FOR EVALUATING THE QUALITY OF MARINE AND ESTUARINE WATERS ...Animal Life History Studies; Estuaries; Phytoplankton; Water Pollutant Identification; Water Quality -general; ...2.0790

DEVELOPMENT OF AN IN SITU MARINE BIOASSAY WITH CLAMS ...Captive Rearing; Contamination - Water; Invertebrate Physiology; Monitoring; ...2.0839

EVALUATION OF THE PROVISIONAL ALGAL ASSAY PROCEDURE ...Algae -nonspecific; Algal Physiology; Eutrophication; Waste Water Treatment -general; ...2.0865

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal; Chemical Water Properties; Estuaries; Georgia; Invertebrates -nonspecific; Physical Water Properties; Pulp and Paper Wastes; Turbidity (water); ...2.1537

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - CHEMICAL CONCENTRATION IN FISH ...Contamination - Water; Effluents - Waste Water; Fish; Industrial Wastes; Physiological Effects; ...2.1564

POLLUTION INVESTIGATIONS ...Animal Habitat Studies; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Fish; Law Enforcement; Water Pollution Sources; ...2.1625

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Chemical Analysis -general; Dispersion (water); Effluents - Waste Water; Industrial Wastes; Marine Photography- Television; Oregon; Pulp and Paper Wastes; Sea Water Sampling; Surveying; ...2.1678

FISH AND FOOD ORGANISMS IN MINE ACID WATERS OF PENNSYLVANIA ...Acid Mine Drainage; Alkalinity (water); Behavior -vertebrate; Chemical Effects; Fish; Physiological Effects; ...2.1691

EFFECTS OF CRUDE OILS AND THEIR EMULSIONS ON MARINE ORGANISMS ...Animal Pharmacology; Contamination - Water; Fish; Oil; Ships and Cruises; ...2.1699

PHARMACOLOGY OF METAL POISONING IN ESTUARINE FISHES ...Animal Pharmacology; Contamination - Water; Environmental Physiology; Mineralogical Water Properties; Pollution Effects -see Water; ...2.1700

COMPARATIVE TOXICITIES OF METALS TO ESTUARINE FISHES ...Aluminum; Cyprinodontidae; Environmental Physiology; Industrial Wastes; Marine Animals; Toxic Substances; ...2.1701

EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON ...Algal Physiology; Cellular Physiology- Env. Eff.; Contamination - Water; Estuaries; Petroleum Wastes - Spillage; Phytoplankton; Zooplankton; ...2.1703

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

CHLORINATED ORGANIC CONTAMINANTS IN THE MILWAUKEE RIVER ...Analysis and Detection; Degradation -see Pesticide Deg; Lake Michigan; Organic Water Properties; Polychlorinated Biphenyl Cpds.; ...4.0076

PREPARATION AND BIOASSAY OF SMOKE CONDENSATE FROM TOBACCO SAMPLES ...Co-carcinogenesis; Maleic Hydrazide; Nicotiana; Pesticide Rates -general; Tobacco - cigarettes; Tween-80 -see Surfactants; ...4.0405

CARCINOGENESIS BIOASSAY OF PESTICIDES AND OTHER ENVIRONMENTAL AGENTS ...Animal Resistance; Chemical Carcinogenesis; Food Contamination; Muridae; Pesticide Action on Animals; Pesticides -nonspecific; Tumor Pathology; ...4.0624

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...DDT; Malathion; Methoxychlor; Muridae; Nutrition; Pesticide in Food Chains; Residues in Foods; ...4.0634

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Contamination - Water; Estuaries; Laboratory Animals; Parathion; Physiological Effects; Spawn Or Nesting Sites; ...4.0653

A TISSUE ENZYME ASSAY FOR CHLORINATED HYDROCARBON INSECTICIDES ...Animal; Cyclodiene Cpds. -nonspecific; Lepomis Macrochirus; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0681

THE INFLUENCES OF ENVIRONMENTAL CONDITIONS ON THE TOXICITY OF PESTICIDES ...Aquatic Ecology - Animal, Fish; Pesticides -nonspecific; Pollution Effects -see Water; Water Pollution Effects; ...4.0708

DEVELOPMENT OF A STRAIN OF FISH RESISTANT TO AN ORGANOPHOSPHATE PROJECT - INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Genetic Resistance; Minnows; Organophosphorous Cpds.; Pesticide Action on Animals; Poeciliid; ...4.0731

INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Ddvp; Minnows; Pesticide Action on Animals; Pesticide Formulation; Physiological Resistance; Poeciliid; ...4.0732

EFFECTS OF ETHYL PARATHION ON PHEASANTS ...Bioassay; Parathion; Pesticide Action on Animals; Pheasant; ...4.0756

DEVELOPMENT AND APPLICATION OF QUANTITATIVE CELL CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Cellular Viability; Hydrogen; Physiological Effects; Water Pollutant Identification; Zinc; ...4.0840

ENVIRONMENTAL MUTAGENESIS TESTING ...Chemical Mutagenesis; Environmental Effects - Human; Toxicology; ...4.0854

CARCINOGENESIS BIOASSAY RESOURCE FOR FEEDING TESTS IN RODENTS ...Air Pollution -see Specifics; Chemical Carcinogenesis; Environmental Carcinogenesis; Muridae; Pesticides -nonspecific; ...4.0887

BIOASSAY OF SUCKER CONTROL CHEMICALS AND PESTICIDE RESIDUE ON LEAF TOBACCO ...Bioassay; Carbon; Maleic Hydrazide; Nicotiana; Pesticide Residues; Tobacco Products &/or Smoking; Tween-80 -see Surfactants; ...4.0968

ENVIRONMENTAL OCCURRENCE OF N-NITROSO COMPOUNDS ...Air Pollution -see Specifics; Biochemical Analysis - Tissues; Chemical Carcinogenesis; Food Contamination; Mammals -nonspecific; Toxicology; ...4.1044

SCREENING AQUATIC INVERTEBRATES TO DETECT AN ORGANISM SUITABLE FOR USE IN A MONITORING PROGRAM ...Aquatic Ecology - Animal; Fish; Invertebrate Physiology; Invertebrates -nonspecific; Monitoring Systems; Pesticides - nonspecific; Water Pollutant Identification; ...4.1054

BIO-ASSAY OF SMOKE CONDENSATE FROM TOBACCO TREATED WITH AGRICULTURAL CHEMICALS ...Chemical Carcinogenesis; Pesticide Toxicity in Humans; Pesticides -nonspecific; Rodentia -other; Tobacco -cigarettes; ...4.1077

THE CYTOGENETICS OF URANIUM MINERS EXPOSED TO RADON 222 ...Body Isotope Burden; Occupational Hazards; Radiation Carcinogenesis; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0207

ISOLATION AND IDENTIFICATION OF THE HEMOPOIETIC STEM CELL ...Muridae; Radiation Injury Prevention; ...5.0252

PHYSIOLOGIC DECREMENTS OF ELECTROMAGNETIC RADIATION EXPOSURE ...Biochemical Analysis - Tissues; Canidae; Iodine; Muridae; Radiation Carcinogenesis; X and Gamma Rays; ...5.0503

STUDIES OF URANIUM MINER HAZARDS ASSOCIATED WITH RADON ...Feces; Lead; Occupational Hazards; Radiation Effects - Biological; Radon; Urine; ...5.0885

CHEMICAL PROTECTION AGAINST IONIZING RADIATION ...Digestive System - Human; Muridae; Radiation Dose Studies-general; Radiation Injury Prevention; ...5.0931

Biochemical Analysis - Tissues

BIOCHEMICAL AND HISTOCHEMICAL INVESTIGATIONS OF ENZYME SYSTEMS IN MAMMALIAN LUNG ...Air Pollution - see Specifics; Catalysis; Mammals -nonspecific; Respiratory Irritants, Inhaled; Spectrographic Techniques; ...1.0187

FACTORS AFFECTING EXCRETION OF INDUSTRIAL POISONS ...Air Pollution-chemistry; Occupational Hazards; Toxic Substances; Toxicology; Urine; ...1.0215

EVALUATION OF CARCINOGENIC AGENTS IN CIGARETTE SMOKE ...Air Pollution -see Specifics; Bioassays; Chemical Carcinogenesis; Petroleum Cpds. -nonspecific; Tobacco -cigarettes; ...1.0225

INITIATE A STUDY AND COMPLETE COLLECTION OF DATA RELATING EXPOSURE TO O3 AIR POLLUTION TO ALTERATIONS IN THE BIOCHEMICAL NATURE OF LUNG LIPIDS ...Aging; Air Pollution -see Specifics; Respiratory Irritants, Inhaled; ...1.0249

COLLECTION OF DATA ON THE BIOCHEMICAL CHARACTERIZATION OF LUNG SURFACTANT AS IT IS AFFECTED BY EXPOSURE TO AIR POLLUTANTS (ABBREV) ...Air Pollution -see Specifics; Mammals -nonspecific; Respiratory Irritants, Inhaled; Surface Active-other; ...1.0269

BIOCHEMICAL EFFECTS OF SIMULATED AIR POLLUTANTS ...Air Pollution -see Specifics; Toxicology; ...1.0297

DEFINITION AND ANALYSES OF HIGHER MOLECULAR WEIGHT ALDEHYDES ...Air Pollution -see Specifics; Aldehydes -nonspecific; Auto Exhaust -see Air Poll., Combustion; Toxicology; ...1.0753

LIQUID CHROMATOGRAPHY STUDIES ...Air Pollution -see Specifics; Air Pollution-chemistry; Chemical Carcinogenesis; Chromatography; Column Chromatography; Liquid Chromat -graphy; ...1.0793

DEVELOPMENT OF AIR SAMPLING METHODOLOGY ...Air Pollution -see Specifics; Air Pollution-chemistry; Computer Methods -general; Coulometry; Electrochemistry; Gas Chromatography; Monitoring Devices; ...1.0830

THE INVESTIGATION AND ANALYSIS OF BIOCHEMICAL PROCESSES OF AQUATIC ORGANISMS UNDER STRESS ...Animal Pharmacology; Cell Injury and Autolysis; Cellular Physiology- Env. Eff., Fish; Physiological Effects; Toxic Substances; Water Standards & Baselines; ...2.0639

STUDIES CONCERNING THE EFFECTIVENESS, STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Disinfectants & Antiseptics Ns; Field Water Purification; Pesticide Evaluation; Sanitation; Viral Pollutant Sources; ...2.0929

PHARMACOLOGY ...Air Pollution -see Specifics; Animal Pharmacology; Evolution; Marine Animals; Marine Plants; Organic Water Properties; ...2.1091

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Ecological Effects; Energy Conversion; Environmental Physiology; Pollution Effects -see Water; Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1553

MICROBIOLOGY OF SLUDGE - DNA ANALYSIS AND N2 REMOVAL ...Activated; Cellular Viability; Denitrification -see Nitrogen; Hyperthermal; Nitrogen and Nitrogen Cpds.; ...3.0207

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Costs -see Economics Entries; Drying; Food Processing Industries; Freeze Drying; Pilot Plants; Precipitation; Waste Drying; Waste Treatment Economics; ...3.0305

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Air Pollution -see Specifics; Chlorine; Herbicides -nonspecific; Pesticide Action on Plants; Temperature - Air; ...4.0211

EVALUATION OF THE EFFECT OF PESTICIDES ON THE LIPID CONTENT OF RUMEN BACTERIA ...Bacterial Population Surveys; Pesticide Evaluation; Pesticide Toxicity to Microorg; Pesticides -nonspecific; Rumen Bacteria; ...4.0523

SEASONAL CHANGES IN ESTERASE ACTIVITY IN FISH AND INVERTEBRATES. INTERACTIONS BETWEEN PESTICIDES ON FISH ENZYME SYSTEMS ...Fish; Invertebrate Physiology; Invertebrates -nonspecific; Lepomis Macrochirus; Pesticide Action on Animals; Pesticides -nonspecific; ...4.0703

DETECTION OF PESTICIDE EXPOSURE - EVALUATION OF BLOOD CHOLINESTERASE VALUES ...Organophosphorous Cpds.; Pesticide Residue Analysis; Pesticide Toxicity in Humans; Toxic Substances; Toxicology; ...4.0811

INSECTICIDE RESIDUES IN POULTRY AND EGGS ...Chlordan; Food Contamination; Home Economics; Melliagris; Pesticide Residues in Feeds; Residues in Foods; ...4.0862

ENVIRONMENTAL OCCURRENCE OF N-NITROSO COMPOUNDS ...Air Pollution -see Specifics; Bioassays; Chemical Carcinogenesis; Food Contamination; Mammals -nonspecific; Toxicology; ...4.1044

EFFECT OF RADIATION ON THYROID PROTEIN BIOSYNTHESIS ...Adenosine Triphosphate; Carbon; Cellular Biosynthesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0091

METABOLIC WARD ...Carbon; Disaster; Occupational Hazards; Radiation Injury Prevention; Urine; ...5.0112

RADIATION EFFECTS ON DIFFERENTIATION AND TISSUE CONTROL ...Bacteria -nonspecific; Cell Injury and Autolysis; Fungi -nonspecific; Invertebrates; Physical Mutagenesis; Radiation Carcinogenesis; Radiation, Low Level; X and Gamma Rays; ...5.0138

RADIATION EFFECTS IN CHEMISTRY AND BIOCHEMISTRY ...Hydrophobic; Kinetics; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Induced Chem. React.; Radiation Sources -general; ...5.0202

STEM CELL PROLIFERATION AND DIFFERENTIATION ...Anoxia and Hypoxia; Muridae; Strontium; ...5.0332

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Fission Products-see Radioact.; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Respiratory Irritants, Inhaled; ...5.0436

MACROMOLECULAR RADIATION PATHOLOGY ...Cell Injury and Autolysis; Radiation; Radiation Chemistry -biophys.; Radiation Dose Studies-general; X and Gamma Rays; ...5.0453

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS ...Bacteriophage; Cell Injury and Autolysis; Cellular Biosynthesis; Escherichia Coli; Microorganisms; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0478

PHYSIOLOGIC DECREMENTS OF ELECTROMAGNETIC RADIATION EXPOSURE ...Bioassays; Canidae; Iodine; Muridae; Radiation Carcinogenesis; X and Gamma Rays; ...5.0503

ACUTE RADIATION EFFECTS OF WHOLE-BODY X-IRRADIATION IN ANIMALS AND SUITABLE THERAPY ...Digestive System - Human; Radiation Injury Prevention; Radiation, Whole Body; Urine; ...5.0508

DEOXYCYTIDINE LEVELS IN URINE AND PLASMA AS AN INDEX OF IONIZING RADIATION DOSE ...Biological Dosimetry; Carbon; Hydrogen; Muridae; Urine; ...5.0711

INHALATION STUDIES - AEROSOL TECHNOLOGY STUDIES ...Aerosols; Instrument Services; Mammals -nonspecific; Plutonium; Radiation Injury Prevention; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0747

INHALATION STUDIES - BIOCHEMICAL STUDIES ...Cellular Biosynthesis; Muridae; Radiation; Radiation Effects - Biological; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0749

BIOCHEMICAL ASSAYS IN RADIATION RESPONSE ...Cancer; Mammals snonspecific; Radiation Effects - Biological; ...5.0794

Biochemical Oxygen Demand

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Carbonates; Chemical Properties; Contamination; Eastern U. S.; Landfill; Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

POLLUTION POTENTIAL OF RUNOFF FROM LIVESTOCK FEEDING OPERATIONS ...Agricultural Runoff; Chemical Oxygen Demand; Coliforms -nonspecific; Livestock -nonspecific; Precipitation; South Dakota; ...2.0361

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Water Quality -general; ...2.0385

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

NUTRIENT BUDGETS, RECYCLING, AND WATER TRANSPORT IN LAKE CHAMPLAIN ...Chlorine; Lake Champlain; Lakes; Mineralogical Water Properties; Nutrients; Organic Water Properties; Vermont; ...2.0404

DEMONSTRATING THE ELECTROLYSIS BOD MEASURING METHOD ...Electrochemistry; Iowa; Process Design; ...2.0588

EXPLORATORY STUDY OF LIMITATIONS OF BOD FOR ANIMAL WASTE EVALUATION ...Antihelminth; Atomic Absorption; Chemical Analysis; Farm Animal Wastes; Pesticide Residues; Sus; Total Organic Carbon; ...2.0712

SIMULATION OF WATER QUALITY IN STREAMS AND CANALS ...Flood Routing; Mineralogical Water Properties; River Basins; Texas; ...2.0808

RI - AN EVALUATION OF THE BOD TEST ..Chemical Oxygen Demand; Kinetics; Primary Treatment; Secondary Treatment; Sedimentation; Sewage - Domestic; Tertiary Treatment; ...2.0830

REUSE OF PLANT EFFLUENT AND COOLING WATER BLOWDOWN AS PROCESS WATER ...Activated; Chemical Oxygen Demand: Digestion; Pond; Sewer Systems; Water Reuse; ...2.0924

CONCENTRATION OF CHEMICALS BY FLOC FORMING ORGANISMS ...Aerobic Waste Water Treatment; Farm Animal Wastes; Industrial Wastes; Product Development Research; Waste Water Treatment -general; ...2.0933

GAMMA RADIATION OF TEXTILE WASTE WATER TO REDUCE POLLUTION ...Chemical Mechanisms & Kinetics; Detergents -see Surfactants; Industrial Wastes; Radiolysis; Temperature; Textile Industry; Waste Water Treatment -general; ...2.1141

COLOR REMOVAL FROM TEXTILE DYE WASTES BY COAGULATION ...Coagulation; Color; Color (water); Dye Wastes; Electrochemistry; Industrial Wastes; Textile Industry; ...2.1142

BOD, SOLIDS AND NUTRIENT REMOVAL FROM SECONDARY EFFLUENT BY FOAM FRACTIONATION ...California; Denitrification -see Nitrogen; Foam; Pilot Plants; Recycle Water; ...2.1193

CONCENTRATION OF SUGAR BEET WASTES FOR ECONOMIC TREATMENT WITH BIOLOGICAL SYSTEMS ...Aerobic Waste Water Treatment; Effluent-standards; Precipitation; Waste Treatment Economics; ...2.1199

ANAEROBIC TREATMENT OF STARCH WASTEWATERS ...Anaerobic Wastewater Treatment; Colloidal Phenomena; Flotation; Sedimentation; Waste Digestion; Waste Management -see Specific; Waste Water Treatment -general; ...2.1212

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Plant Waste Removal, Treatment; Solid Waste; Water Costs; Water Resources Development; ...2.1213

STABILIZATION POND OPERATION IN TROPICAL AREAS ...Algae -nonspecific; Nitrogen and Nitrogen Cpds.; Sewage Lagoons; Waste Management -see Specific; Water Depth, Water Levels; ...2.1216

INTEGRATED TREATMENT OF LIQUID WASTES FROM FOOD CANNING OPERATIONS ...Canning Wastes -see Food Proc.; Flocculation; Flotation; Food Processing Industries; Organics; Trickling Filters; ...2.1218

TREATMENT OF SELECTED INTERNAL KRAFT MILL WASTES IN COOLING TOWERS ...Cooling Towers; Industrial Wastes; Pilot Plants; Pulp and Paper Wastes; Waste Treatment Economics; ...2.1238

ARMOUR INDUSTRIAL CHEMICAL SECONDARY WASTEWATER TREATMENT ...Aerobic Waste Water Treatment; Chemical Industry; Chemical Oxygen Demand; Food Processing Industries; Local Government; Pilot Plants; Water Pollution -see Specifics; ...2.1243

USE OF COAGULATION IN THE FLOTATION OF WASTEWATER ...Coagulation; Flotation; Industrial Wastes; Petroleum Wastes - Spillage; Sedimentation; Turbidity; Waste Management - see Specific; ...2.1247

NUTRIENT REMOVAL IN A WATER TREATMENT PLANT ...Coagulation; Flocculation; Nutrients; Sand Filters; ...2.1252

BIOMASS PRODUCTION FOR THE IMPROVEMENT OF THE QUALITY OF FOOD PROCESSING PLANT EFFLUENTS ...Chemical Oxygen Demand; Farm Animal Wastes; Industrial Wastes; Nitrogen and Nitrogen Cpds.; Waste Water Treatment - general; ...2.1260

TREATMENT OF AQUEOUS AGRICULTURAL WASTES FOR CLEAN WATER AND FOR MICROBIAL PROTEIN PRODUCTION ...Aeration (water); Farm Animal Wastes; Microorganisms - nonspecific; Product Development Research; Surface Active-other; Water Pollution Sources; ...2.1271

BIOLOGICAL TREATMENT OF BEEF ANIMAL WASTES TO REDUCE WATER POLLUTION ...Aeration (water); Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Oxidation; ...2.1278

DISPOSAL OF WASTE FROM SWINE FEEDING FLOORS TO MINIMIZE OR ELIMINATE STREAM POLLUTION ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Septic Tanks; Waste Disposal on Soils; ...2.1291

PILOT-SCALE STUDY OF IMPROVED PHOSPHATE REMOVAL BY MODIFIED ACTIVATED SLUDGE PROCESS ...Activated Sludge; Burning; Dewatering; Lakes; Pilot Plants; Thickening; Waste Water Treatment -general; ...2.1302

TREATMENT OF WASTES USING PEAT, AND PEAT IN COMBINATION WITH SOIL ...Filters-filtration; Organics; Peat; Soil Filters; ...2.1314

REMOVAL OF BOD AND NUTRIENTS BY BIOLOGICAL SLIMES ...Air; Denitrification -see Nitrogen; Organics; Pilot Plants; Sewage - Domestic; ...2.1338

DEEPWATER PILOT PLANT ENGINEERING AND INTERCEPTOR FEASIBILITY STUDY ...Delaware Bay; Dye Wastes; Industrial Wastes; New Jersey; Pilot Plants; Waste Treatment Economics; ...2.1340

TEXTILE WASTE REDUCTION THROUGH RECOVERY AND REUSE OF SYNTHETIC WARP SIZES ...Burial; Burning; Industrial Wastes; Textile Industry; Waste Material Recovery; Waste Water Degradation; ...2.1357

WATER POLLUTION REDUCTION THROUGH RECOVERY OF DESIZING WASTES ...Effluents - Waste Water; Industrial Wastes; Textile Industry; Waste Material Recovery; ...2.1358

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ...Alum Waste Water Treatment; Electrodialysis; Flocculation; Ion Exchange; Sand Filters; Solid Waste; Waste Treatment Economics; ...2.1365

REMOVAL OF NITROGEN COMPOUNDS FROM MUNICIPAL WASTEWATER ...Aeration; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Pilot Plants; Urban Environment; Waste Water Treatment -general; ...2.1367

A STUDY OF THE KINETICS OF THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Differential Equations; Kinetics; Nitrobacter; Waste Water Treatment -general; ...2.1372

PRECIPITATION OF PHOSPHATES FROM WATER WITH FERROUS SALTS ...Chemical Treatment -general; Flotation; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1377

DEMONSTRATING THE EFFECT OF NUTRIENTS IN OXIDATION POND RECEIVING STREAMS ...Lagoon; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Pond; Waste Water Treatment -general; ...2.1383

CHARACTERIZATION OF FOOD PROCESSING WASTEWATERS ...Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Food Processing Wastes; Industrial Wastes; Northwest U. S.; Plant Waste Removal, Treatment; ...2.1388

DETERMINATION OF BIODEGRADATION RATES IN SOME POLLUTED TROPICAL WATERS AND IN SOME TYPES OF LIQUID WASTES COMMON IN PUERTO RICO ...Chemical Oxygen Demand; Puerto Rico; Rate of Reaction; Salinity (water); Total Organic Carbon; Tropical Regions; Waste Water Degradation; ...2.1409

TERTIARY TREATMENT BY COUNTER-CURRENT CARBON FILTRATION ...Chemical Oxygen Demand; Pilot Plants; Sewage Treatment Plant; Total Organic Carbon; ...2.1427

POLLUTION PREVENTION BY AERATION OF FRUIT PROCESSING WASTES ...Activated; Aerobic Bacteria; Food Processing Industries; Lagoon; Plant Waste Removal, Treatment; Waste Drying; ...2.1449

RESEARCH AND REFERENCE TO SEWAGE EFFLUENT PONDS ...Activated Sludge; Linings - Pavings; Pond; Waste Water Treatment -general; ...2.1457

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Fish; Induced Temperature; Oxygen Content (water); Plankton; Temperature (water); Turbidity (water); Turbines; ...2.1552

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Tillage, Cropping Systems; Waste Water Treatment -general; Water Pollution Effects; ...2.1665

EFFECTS OF SUGAR REFINING LOGOON EFFLUENTS ON FARGO CLAY ...Chemical Effects; Effluents - Waste Water; Infiltration; Sewage Lagoons; Tillage, Cropping Systems; ...2.1666

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

EFFICIENT PRICING FOR URBAN WASTE WATER RENOVATION - PHASE I ...Activated Sludge; Computer Models; Plating Wastes; Simulation Theory; Urban Research -general; ...2.1807

RECOVERY OF AMINO ACIDS FROM POTATO STARCH FACTORY SECONDARY WASTES ...Chemical Oxygen Demand; Ion Exchange; Process Development; Product Development Research; Solanum; Water Quality Control -general; ...3.0041

BOD FOR HOUSEHOLD SEWAGE ...Septic Tanks; Sewer Systems; ...3.0054

SWINE WASTE TREATMENT AND DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Effluents - Waste Water; Irrigation; Sewage Lagoons; Waste Disposal on Soils; ...3.0058

COMPLETE MIX ACTIVATED SLUDGE UNIT PROCESS ADAPTION TO LOW TEMPERATURE ...Activated Sludge; Alaska; Meteorological Extremes; Pilot Plants; Sewage - Domestic; ...3.0063

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Bos; Chlorine; Contamination - Soil; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Soil Moisture; Zea Mays - Field Corn; ...3.0097

WASTE DISPOSAL IN RURAL AREAS ...Aerobic Waste Water Treatment; Connecticut; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rural Areas; Septic Tanks; Waste Disposal on Soils; Water Pollutant Identification; ...3.0098

AEROBIC DISPOSAL OF ANIMAL WASTES WITH CONTINOUS WATER REUSE ...Aerobic Waste Water Treatment; Farm Animal Wastes; Process Design; Waste Dilution- Self Purifying; Waste Water Degradation; Water Reuse; ...3.0111

DESIGN AND OPERATION CRITERIA FOR AN ANAEROBIC LAGOON FOR SWINE WASTE ...Anaerobic Wastewater Treatment; Lagoon; Piedmont Province; Sewage Lagoons; Water Reuse; ...3.0113

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Environment Resistance-animals; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage Lagoons; Space Requirements; Taste & Odor of Water; ...3.0132

USE OF ALGAE, ALGAE-PROTOZOA, AND ALGAE-BACTERIA CULTURES IN SEWAGE TREATMENT ...Algae - Chlorophyta; Algae - Cyanophyta; Cellular Physiology- Env. Eff.; Foreign Agriculture; Oxygen Content (water); Product Development Research; Sewage - Domestic; Waste Water Treatment - general; ...3.0136

VOLUME REDUCTION AND STABILIZATION OF WASTES FROM SWINE ...Animal Wastes - Feed Lots; Bacteria -nonspecific; Farm Animal Wastes; Fungi -nonspecific; Landfill; Nitrogen and Nitrogen Cpds.; Waste Disposal on Soils; ...3.0216

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Anseriformes; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Detergents -see Surfactants; Feces; Poultry -nonspecific; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...3.0220

REMOVAL OF BOD AND NUTRIENTS BY BIOLOGICAL SLIMES ...Bacterial Morphology; Denitrification -see Nitrogen; Sewage; Sewage Bacteria; ...3.0224

WASTE TREATMENT FACILITIES DEMONSTRATION ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Livestock -nonspecific; Pilot Plants; Red River; ...3.0258

CATTLE FEEDLOT PEN DESIGN ...Chemical Oxygen Demand; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sludge; Water Quality Control -general; ...3.0273

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Groundwater; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Trickling Filters; Waste Disposal on Soils; Water Quality Control -general; ...3.0279

HIGH-RATE, MULTIPLE MEDIUM FILTRATION FOR SECONDARY TREATMENT OF MUNICIPAL WASTE WATER ...Chemical Analysis -general; Coagulation; Digestion; Effluent-standards; Filtration; Secondary Treatment; Waste Treatment Economics; ...3.0302

DESIGN OF FACILITIES FOR ANIMAL WASTE DISPOSAL ...Anaerobic Wastewater Treatment; Effluents - Waste Water; Farm Animal Wastes; Pilot Plants; Puerto Rico; ...3.0306

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

PHOSPHORUS REMOVAL BY TRICKLING FILTER SYSTEMS ...Phosphorus and Phosphorus Cpds; Solid Waste; Trickling Filters; Waste Management -see Specific; Wisconsin; ...3.0347

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Analysis and Detection; Effluent-standards; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Septic Tanks; Silty Soils; Water Pollutant Identification; ...3.0350

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

A NEW PRACTICAL APPROACH TO DAIRY WASTES ...Bacteria; Farm Animal Wastes; Impaired Water Use; Waste Disposal on Soils; Water Quality Control -general; ...3.0392

Biodegradation-see Degradation

KINETIC STUDIES OF THE OXIDATIVE DEGRADATION OF DETERGENT, AND RELATED CHEMICAL SPECIES IN AQUEOUS SOLUTION ...Biodegradation ; Chemical Degradation; Detergents -see Surfactants; Kinetics; Rate of Reaction; Waste Water Degradation; ...2.0171

HEAVY METAL ION INTERACTION AND TRANSPORT WITH SYNTHETIC COMPLEXING AGENTS AND DETERGENT PHOSPHATE SUBSTITUTES IN AQUATIC SYSTEMS ...Chelation & Complexing; Detergents -see Surfactants; Environmental Influences; Leaching; Surfactants -see Detergents; ...2.0221

TESTING METHODS FOR EVALUATION OF BOTH EFFECTIVENESS AND TOXICITY TO AQUATIC LIFE OF VARIOUS TREATING MATERIALS ...Adsorption; Chemical Treatment (water); Degradation -see Pesticide Deg; Oil Removal; Pesticide Toxicity -general; Physiological Effects; Surfactants -see Detergents; ...2.0845

EFFECT OF CHEMICAL STRUCTURE ON BIODEGRADABILITY OF ORGANIC MOLECULES ...Analysis and Detection; Degradation; Microorganism-see Cell. Catab.; Organic Water Properties; Water Pollution Sources; ...2.1065

DEGRADATION OF PETROLEUM AND RELATED COMPOUNDS IN THE BIOSPHERE ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Ionic Effect; Marine Plants; Oil; Petroleum -see Oil; Petroleum Research; ...2.1071

BIODEGRADABILITY OF TNT ...Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Tnt; Water Chemistry; ...2.1293

BACTERIOLOGY OF BIODEGRADABLE SURFACTANTS ...Bacilli -nonspecific; Bacterial Morphology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Escherichia Coli; Phenols;

Staphylococcus -nonspecific; Surfactants -see Detergents; ...2.1492

THE EFFECT OF SALINITY ON THE OXIDATION OF HYDROCARBONS IN ESTUARINE ENVIRONMENTS ...Cellular Physiology- Env. Eff.; Estuaries; Oil Removal; Petroleum Wastes - Spillage; Salinity (water); Size; ...2.1611

NAVY ENVIRONMENT - BIODEGRADATION OF OIL IN SEA-WATER ...Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Marine Biology - General; Oil; Oil Removal; Petroleum -see Oil; ...3.0019

ACCELERATED BIODEGRADATION OF SANITARY WASTE SOLIDS ...Ship Wastes; ...3.0160

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Anseriformes; Degradation -see Pesticide Deg; Detergents -see Surfactants; Feces; Poultry -nonspecific; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...3.0220

ENHANCED CELLULASE PRODUCTION BY MUTATION ...Catalysts; Costs -see Economics Entries; Industrial Wastes; Mutagenesis -nonspecific; Plant Waste Removal, Treatment; Product Development Research; Rate of Reaction; ...3.0381

CONSTRUCTION OF PESTICIDES DEGRADABLE BY NORMAL MICROFLORA OF NATURAL WATERS AND SOILS ...Degradation -see Pesticide Deg; Microorganism-see Cell. Catab.; Pesticide Action on Animals; Pesticide Degradation -see Deg; Pesticides -see Pesticide; ...4.0030

THE ROLE OF MICROFLORA IN THE PERSISTENCE AND DECOMPOSITION OF PESTICIDE RESIDUES ...Chlorine; Degradation; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; ...4.0151

HERBICIDE RESIDUE METHODS ...Atrazine; Chemical Analysis; Microwave Spectroscopy; Pesticide Residues; Prometone; Propazine; Urea Cpds. -nonspecific; ...4.1064

AEROBIC AND ANAEROBIC BIODEGRADATION OF DETERGENTS ...Aerobic Bacteria; Anaerobic Bacteria; Analysis and Detection; Chemical Oxygen Demand; Home Economics; Product Development Research; ...4.1106

Bioindicators

GEOCHEMICAL SURVEY OF THE VEGETATION OF MISSOURI ...Air Pollution; Air Pollution -see Specifics; Missouri; Roads & Highways -see Highways; Soil Chemical Properties; Soil Minerals - natural; ...1.0331

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; B9; Liquids Or Sprays; Mineral Nutrition; Nicotiana; Pesticide Evaluation; Pesticides -other; Pollutant Resistance; Zea Mays - Field Corn; ...1.0338

THE ULTRASTRUCTURE OF NORTH AMERICAN HEPIACEAE ...Air Pollution -see Specifics; Algae -nonspecific; Evolution; Fungi -nonspecific; Lichenes; Symbiosis - Plants; ...1.0359

EFFECT OF AIR POLLUTION - MICROBES IN VIVO AND IN VITRO ...Air Pollution -see Specifics; Cellular Viability; Microorganisms -nonspecific; Soil Fungi -nonspecific; Sulfur Dioxide; ...1.0379

BIOCHEMISTRY OF OZONE INJURY TO PINES ...Air Pollution - see Specifics; Forest Environment -general; Pinus Strobus; Pinus Taeda; Plant Response to Env. -ns; ...1.0385

RESPONSE OF SELECTED FIELD PLANTS TO AMBIENT POLLUTANTS IN WASHINGTON, D.C. ...Air Pollution -see Specifics; Air Pollution Effects; District of Columbia; Growth; Losses Due to Pollution; Ornamentals; Urban Research -general; ...1.0397

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Chlorine; Industrial Pollution -general; Lycopersicum; Nicotiana; Northeast U. S.; ...1.0418

THE EFFECTS OF ATMOSPHERIC POLLUTION ON EPIPHYTES ...Air Pollution Monitoring; Bryophyta; Idaho; Iron & Steel Industry; Montana; Pseudotsuga; Range Or Territorial Distr.; ...1.0421

IMPACT OF AIR POLLUTANTS ON ECOSYSTEMS ...Air Pollution; Air Pollution -see Specifics; Air Pollution Monitoring; Fumigants -nonspecific; Great Salt Lake; Plant Succession; Reproductive Physiology; ...1.0429

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Mathematical Models; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0433

ANALYSIS OF FLAVONOLS AND OTHER PHENOLS ...Air Pollution -see Specifics; Air Pollution-chemistry; Biological Organisms; Natural Sources; Particulates - Air Pollution; Phenols; Pollens -see Air Pollution; ...1.0792

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects -see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Chlorine; Contamination - Water; Mercury; Organic Matter; Pesticides -nonspecific; Population Dynamics -general; Water Pollutant Identification; Zinc; ...2.0466

VIABILITY OF INDICATOR BACTERIA, COLIFORM, FAECAL COLI & ENTEROCOCCI IN VARIOUS TROPICAL WATERS OF THE NORTHERN TERRITORY INCLUDING SEAWATER ...Australia; Intestinal Bacteria; Sewage Bacteria; Water Pollutant Identification; ...2.0484

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

MOLECULAR AND APPLIED ASPECTS OF MICROBIAL ENZYMOLOGY AND ECOLOGY ...Animal Wastes - Feed Lots; Bacterial Ecology; Bacterial Population Surveys; Cellular Biosynthesis; Food Contamination; Sewage; Streptococcus Fecalis; ...2.0586

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - EFFECTS ON INDICATOR ORGANISMS ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Bottom Sampling; Effluents - Waste Water; Mollusca; Water Pollutant Identification; ...2.0597

RESEARCH ON THE MACROBENTHOS OF THE GREAT LAKES ...Annelida; Benthic Fauna; Fish Food Organisms; Lake Erie; Lakes; Population Dynamics -general; Water Pollutant Identification; ...2.0624

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Algae -nonspecific; Bioassays; Chemical Analysis (water); Eutrophication; Fertilizers -aquatic; Nutrients; Ponds; Water Pollutant Identification; ...2.0636

A STUDY OF THE DEPURATION PROCESS IN OYSTERS TAKEN FROM POLLUTED WATERS AND REBEDDED IN UNPOLLUTED WATERS ...Bacterial Pollutant Sources; Mississippi; Shellfish Depuration; Water Pollutant Identification; ...2.0651

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

ECOLOGY OF YEASTS IN LAKE CHAMPLAIN ...Acidity (water); New York; Plant Freshwater Ecology; Temperature (water); Water Pollutant Identification; ...2.0700

DEVELOPMENT OF PROVISIONAL ALGAL ASSAY PROCEDURE ...Algae -nonspecific; Algal Physiology; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Statistics; Water Pollutant Identification; ...2.0707

IDENTIFICATION OF INDICATOR ORGANISMS FOR EVALUATION OF WATER QUALITY ...Bacterial Pollutant Sources; Bottom Sampling; General Recreation Studies; Sanitation; Water Pollutant Identification; Water Quality -general; ...2.0716

COLLECTION AND ESTABLISHMENT IN CULTURE OF SPECIES AND STRAINS OF MARINE PHYTOPLANKTON ORGANISMS ...Contamination - Water; Culture Collections - microorg.; Marine Plants; Marine Pollution; Phytoplankton; ...2.0775

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Chemical Water Properties; Contamination - Water; Growth; Periphyton; Physiological Effects; Plant Habitat Studies; Sewage; Water Pollutant Identification; Water Pollution Sources; ...2.0778

THE DEVELOPMENT OF DATA FOR BATHING BEACH CRITERIA ...Bacterial Pollutant Sources; Demand and Use - recreation; Recreation, Water Resources; Water Bacteria; Water Pollution -see Specifics; ...2.0781

DEVELOPMENT OF A METHOD FOR CHRONIC TOXICITY BIOASSAY USING MARINE PLANKTONIC ALGAE ...Algae - nonspecific; Bioassays; Lower Plants; Plant Population Dynamics - gen; Water Pollutant Identification; ...2.0788

DEVELOPMENT OF SAMPLE PREPARATION METHODS FOR ANALYSIS OF MARINE ORGANISMS ...Chemical Analysis (water); Marine Biology - General; Water Pollutant Identification; Water Pollutants - Path of; Water Pollution Effects; Water Quality Control -general; ...2.0824

DETECTION OF PATHOGENS IN WATER ...Bacteria -nonspecific; Bacterial Population Surveys; Escherichia Coli; Fresh Water; Streptococcus Fecalis; Water Pollutant Identification; ...2.0835

ARTIFICIAL SUBSTRATE SAMPLERS AS INDICATORS OF WATER QUALITY ...Bottom Sampling; Circulation (water); Currents (water); Periphyton; Statistics; Water Pollutant Identification; ...2.0860

NEW MICROBIAL INDICATOR OF WASTEWATER CHLORINATION EFFICIENCY ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Chlorine; Coliforms -nonspecific; Intestinal Bacteria; Sewage - Domestic; Water Pollutant Identification; ...2.1258

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...2.1331

MICROBIOLOGICAL CHARACTERIZATION OF ACTIVATED SLUDGE IN A WASTEWATER TREATMENT PLANT CHEMICALLY MODIFIED FOR PHOSPHORUS REMOVAL ...Activated Sludge; Bacterial Identification; Cellular Physiology- Env. Eff.; Organics; Phosphorus and Phosphorus Cpds; ...2.1405

EFFECT OF INDUSTRIAL POLLUTANTS ON WATER QUALITY ...Bacterial Ecology; Coliforms -nonspecific; Nutrients; Water Pollutant Identification; ...2.1470

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Biochemical Analysis - Tissues; Ecological Effects; Energy Conversion; Environmental Physiology; Pollution Effects -see Water; Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1553

SOIL PRODUCTIVITY AS AFFECTED BY MICROBIAL ACTIVITY IN CROP RESIDUES AND ANIMAL WASTES ...Patulin; Plant Residues, Humus, Compost; Soil Chemical Properties; Soil Microbiology; Soil Temp. -non-specific; Stubble Mulching; Triticum; ...3.0389

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation, Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

IMPROVED DISTRIBUTION AND PLACEMENT OF CONCENTRATE PESTICIDE MATERIALS ...Air Pollution; Concentrates; Pesticide Application Equip.; Pesticide Application Rates; Pesticide Drift; Pesticides -nonspecific; ...4.0068

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Air Pollution; Bioassay; D, 2,4-; Monitoring Systems; Preventative Measures; ...4.0311

THE USE OF HERBICIDES FOR WEED CONTROL IN COTTON ...Bioassay; Economics of Chemical Control; Herbicides -nonspecific; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Tillage; ...4.0373

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Dacthal; Microorganism-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

DEVELOP TECHNIQUES FOR DECONTAMINATING SOILS POLLUTED WITH RADIOACTIVE MATERIALS OR HEAVY METALS ...Lead; Mineral Nutrition; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Zea Mays - Field Corn; ...5.0041

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity - man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Aging; Commelinaceae; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Radiation Sensitivity -man; Somatic Mutation; Temperature - Air; ...5.0408

BASIC ASPECTS OF THE ACTION OF RADIATION ON MICROORGANISMS ...Bacillus Subtilis; Bacteriophage; Cell Injury and Autolysis; Cellular Repair Mechanisms; Microorganisms; Radiation Injury Prevention; Radiation Sources -general; ...5.0595

CHARACTERIZATION OF RADIOPROTECTIVE FACTOR IN ALFALFA ...Caviidae; Column Chromatography; Medicago; Radiation Resistance; Radiation Sources -general; ...5.0774

CELLULAR PREDICTORS OF RADIOSENSITIVITY ...Animal Productivity; Microorganisms; Plant Food Chains; Radiation; Radiation Sensitivity -man; ...5.0811

Biological Rhythms

HUMAN ADAPTATION OF CARDIO-PULMONARY FUNCTION TO HYPOBARIC, AQUATIC AND INDUSTRIAL ENVIRONMENTS ...Air Pollution -see Specifics; Anoxia and Hypoxia; Environmental Effects - Human; Metabolism & Metab. Diseases; Pressure; Temperature & Humidity Effects; ...1.0305

EFFECTS OF TEMPERATURE ON THE BEHAVIOR OF ADULT ATLANTIC MACKEREL ...Behavior -vertebrate; Environmental Physiology; Marine Animals; Photoperiod; Pomatomidae; Scombridae; Temperature (water); ...2.1637

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Computer Methods -general; Food Supply; Forest Environment - general; Mark, Tag Or Capture; Pesticide Residue Analysis; Pesticides -nonspecific; Quail; ...4.1113

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

THE STUDIES OF IONIZING RADIATION AS STIMULI ...Learning and Retention; Muridae; Psychology; Toxic Substances; ...5.0254

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Animal Behavioral Ecology; Motivation and Instinct; Odocoileus; Procyonidae; Rabbits; Range Or Territorial Distr.; Teal, Green-winged; Vertebrates Excl. Man; ...5.0413

PERCEPTION OF IONIZING RADIATION BY SENSORY SYSTEMS ...Environmental Effects - Human; Radiation, Low Level; Sensory & Perceptual Processes; X and Gamma Rays; ...5.0840

Biological Treatment-general

EVALUATION OF AN OXIDATION-DITCH WASTEWATER TREATMENT PLANT IN SUB-ARCTIC ALASKA ...Alaska; Mathematical Models; Meteorological Extremes; Oxygen; Pond; Sub - Polar Regions; Waste Treatment Economics; ...2.1150

NITRIFICATION AT LOW TEMPERATURE ...Aeration (water); Effluent-standards; Oxygen; Sewage - Domestic; ...2.1184

REMOVAL OF ORGANIC AND EUTROPHYING POLLUTANTS BY COMBINED CHEMICAL AND BIOLOGICAL TREATMENT ...Chemical Treatment -general; Denitrification -see Nitrogen; Eutrophication; Nitrogen and Nitrogen Cpds.; Organics; Sewage - Domestic; Waste Management -see Specific; ...2.1268

EXPERIMENTAL OPTIMIZATION OF STEP AERATION WASTE TREATMENT SYSTEMS ...Aeration (water); Development of Models; Mathematical Models; Optimization, Economic; Systems Analysis - Water Mgmt; ...2.1276

DEVELOPMENT AND DEMONSTRATION OF METHODS FOR TREATMENT OF DAIRY FARM WASTEWATERS ...Agricultural Runoff; Animal Wastes - Feed Lots; Benefit-cost Analysis; Rainfall - Runoff Relationship; ...2.1292

EVALUATION OF CURRENT TECHNIQUES OF NUTRIENT REMOVAL FROM WASTE WATERS ...Chemical Treatment - general; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Waste Treatment Economics; ...2.1318

PROCESS MODELING OF BIOLOGICAL WASTE TREATMENT ...Mathematical Models; Sewage; Sewage - Domestic; Waste Water Treatment -general; ...2.1423

COMBINED INDUSTRIAL AND MUNICIPAL WASTE TREATMENT ...Industrial Wastes; Pilot Plants; Process Design; Pulp and Paper Wastes; Urban Environment; Waste Water Treatment - general; ...2.1455

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS ...Animal Predation; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Industrial Wastes; Petroleum Industry; Population Dynamics -general; Water Pollutant Identification; ...2.1674

BIO-MASS DETERMINATION - A NEW TECHNIQUE FOR THE CONTROL OF AERATION SEWAGE TREATMENT PROCESS ...Adenosine Triphosphate; Aeration (water); Bacteria; Bacteria - nonspecific; Sewage - Domestic; ...3.0103

BIOLOGICAL CONCEPTS FOR DESIGN AND OPERATION OF THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Data Reduction and Analysis; Process Design; ...3.0275

PIPE TRANSPORT OF SOLID WASTE ...Costs -see Economics Entries; Pipelines; Pipes; Sewage - Domestic; Transportation; Urban Research -general; ...3.0291

Biological Warfare

ECOLOGICAL RECORDS ON ELGIN AFB RESERVATION ...Bactericides -nonspecific; Florida; Liquids Or Sprays; Pesticide Application Equip.; Plant Biomes; ...4.0269

Biological Waste Recycling

DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR THE MEASUREMENT OF TRACE CONTAMINANTS IN AIR FORCE MANNED WEAPON SYSTEMS ...Aviation Medicine; Controlled Atmosphere; Electron Spectroscopy; Military Personnel; Respiratory Irritants, Inhaled; Trace Analysis; ...1.0848

INTEGRATED WASTE MANAGEMENT - WATER SYSTEM USING RADIOISOTOPES FOR THERMAL ENERGY ...Feces; Isotope Effects; Radioisotopes; Urine; Waste Treatment - Radiation; Water Supply Facilities; ...3.0290

Biological Water Properties

DOMESTIC WASTE DISCHARGE INTO A SILT LADEN ESTUARY ...Alaska; Chemical Water Properties; Data Reduction and Analysis; Forecasting - Prediction; Silting (water) -see Sediment; Sub - Polar Regions; Water Pollution Sources; ...2.0012

A STUDY OF PHYTOPLANKTON DYNAMICS IN LAKE FAYETTEVILLE AS A MEANS OF ASSESSING WATER QUALITY ...Algae -nonspecific; Eutrophication; Lake Stages; Physical Water Properties; Primary Productivity - Plants; ...2.0022

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Acidity (water); Arkansas; Chemical Water Properties; Energy Conversion; Plankton; Reactor Sites & Rad Waste; Thermal Pollution; ...2.0023

FIELD INVESTIGATION OF THE SUBMERSED AQUATIC ENVIRONMENT ...Algae - Chlorophyta; Aquatic Ecology - Animal; Canals; Irrigation; Physical Water Properties; Soil Chemical Properties; ...2.0072

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Algae -nonspecific; Benthic Organisms -nonspecific; Bottom Sampling; Chemical Water Properties; Microorganisms -nonspecific; Plant Freshwater Ecology; Spectrographic Techniques; Waste Water Treatment -general; Water Quality Control -general; ...2.0114

POLLUTION IN HAWAIIAN WATERSHEDS ...Bacterial Pollutant Sources; Chemical Water Properties; Hawaii; Nutrients; Water Pollutant Identification; Water Pollution Effects; Water Pollution Sources; Watersheds; ...2.0118

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Chemical Water Properties; Chlorine; Drainage; Fertilizers; Irrigation; Mineralogical Water Properties; Soil Chemical Properties; Temperature (water); Water Quality -general; ...2.0120

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AS AFFECTED BY IRRIGATION ...Aquifers; Chemical Analysis (water); Fertilizers; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.0121

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Eutrophication; Indiana; Lakes; Organic Properties; Synoptic Weather Observations; Temperature - Air; Vertical Distribution; Water Stratification; ...2.0137

LIMNOLOGICAL FACTORS AFFECTING PESTICIDE RESIDUES IN SURFACE WATERS ...Agricultural Runoff; Chemical Water Properties; Eutrophication; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reservoirs and Impoundments; ...2.0150

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Data Acquisition; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Urban Research -general; ...2.0180

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Evaporation, Montana; Oxygen Content (water); Phytoplankton; Productivity of Freshwater; Stratification (water); Wyoming; ...2.0233

NATURAL WATER SYSTEMS IN WESTERN MONTANA ...Aquatic Ecology - Animal; Chemical Water Properties; Montana; Plant Freshwater Ecology; Water Properties -general; ...2.0234

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

CANADARAGO LAKE EUTROPHICATION STUDY ...Agricultural Runoff; Data Acquisition; New York; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Soil Tillage; Urban Runoff; ...2.0256

EFFECT OF DREDGING ON THE NUTRIENT LEVELS AND BIOLOGICAL POPULATIONS OF A LAKE ...Acidity (water); Lakes; Nutrients; Phytoplankton; Silting (water) -see Sediment; Turbidity (water); ...2.0365

CHANGES IN WATER QUALITY PARAMETERS OF RESERVOIRS DURING REGULATED FLOW CONDITIONS ...Acidity (water); Chemical Analysis (water); Eutrophication; Organic Matter; Tennessee; Water Bacteria; Water Quality -general; ...2.0369

STATUS OF THERMAL POLLUTION AND RESEARCH NEEDS ...Bibliography; Chemical Water Properties; Hydraulics; Thermal Pollution; Water Quality Control -general; ...2.0371

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Data Reduction and Analysis; Geology -general; Hydraulics; Texas; Water Pollution Sources; Water Supply -general; Water Wells; ...2.0375

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of; Water Pollution Sources; Water Quality -general; ...2.0400

ACID MINE POLLUTION ...Acid Mine Drainage; Catostomidae; Mining Industry; Physical Water Properties; Rehabilitation - streams -lakes, Sediments; Strip Mines; Water Pollution Abatement; ...2.0409

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS ...Amphibious Plants; Mineralogical Water Properties; Pesticides -nonspecific; Plant Freshwater Ecology; Radioisotopes; Springs; Washington; ...2.0414

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS ...Circulation (water); Eutrophication; Fish Food Organisms; Nutrients; Phytoplankton; Water Bacteria; Wisconsin; ...2.0443

EUTROPHICATION OF NATURAL WATERS ...Eutrophic Lakes; Forecasting - Prediction; Physical Water Properties; Water Quality Control -general; ...2.0451

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Construction Land Use Effects; Environmental Ecology; Geological Exploration; Lakes; Marine Biology - General; Sea Ice; Water Standards & Baselines; ...2.0470

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

WATER QUALITY ASSESSMENT AND POLLUTION CONTROL ...Data Networks; Groundwater, Irrigation; Physical Water Properties; Sewage; Water Pollution Abatement; ...2.0510

DISSOLVED OXYGEN AND OXYGEN DEMAND IN A SALT MARSH BORDERED ESTUARY ...Computer Models; Georgia; Physical Water Properties; Tidewater Areas; ...2.0559

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Contamination - Water; Fish; Illinois, Invertebrates -nonspecific; Organic Matter; Pollution Effects -see Water; Sediments; ...2.0576

TECHNOLOGICAL ASSESSMENT OF REMOTE SENSING ...Aircraft Remote Sensing; Chemical Water Properties; Estuaries, Management (water); Ponds; Water Pollutant Identification; ...2.0632

ZOOPLANKTON BIOMASS AND INCIPIENT EUTROPHICATION IN LAKE SUPERIOR ...Animal Productivity; Eutrophic Lakes; Eutrophication; Plankton Sampling; Taxonomy -animal; Water Quality -general; ...2.0642

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects, Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

UPPER DELAWARE WASTE ASSIMILATIVE CAPACITY MODEL ...Acidity (water); Delaware River, New Jersey; Sewage - Domestic; Waste Disposal-see Solid Waste; ...2.0678

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties - general; Water Standards & Baselines; ...2.0701

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Chemical Water Properties; Contamination - Water; Environmental Influences; Physical Water Properties; Sediments; Water Pollutants - Path of; ...2.0724

A SYSTEMATIC AND ECOLOGICAL SURVEY OF THE ZOOPLANKTON AND PHYTOPLANKTON OF NORTHEASTERN OHIO GLACIAL LAKES ...Ecological Effects; Eutrophication; Glaciology; Nutrients; Physical Water Properties; ...2.0730

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADLE TO KENT, OHIO ...Aquatic Ecology - Animal; Chemical Analysis (water); Data Acquisition; Fish; Organic Water Properties; Pollution Effects -see Water; Survey Studies (water); ...2.0731

EFFECTS OF AUGMENTED STREAM FLOW ON WATER QUALITY ...Alkalinity (water); Chemical Analysis (water); Coliforms -nonspecific; Fluorine; Ohio; ...2.0734

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Data Reduction and Analysis; Management (water); Oregon; Plant Freshwater Ecology; Survey Studies (water); Water Quality -general; Watersheds; ...2.0744

ANALYTICAL PHYSICAL MODEL ...Bays; Marine Pollution; Mathematical Analysis; Mathematical Models; Physical Models; Rhode Island; Thermodynamics; ...2.0777

GEOHYDROLOGY OF SHALLOW AQUIFERS IN HENRY AND WEAKLEY COUNTIES, TENNESSEE ...Aquifers; Chemical Analysis (water); Geophysical Analysis; Permeability; Tennessee; Water Wells; ...2.0803

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Computer Models; Cybernetics; Development of Models, Land Use; River Basins; Urban Environment; Urban Research -general; Watersheds; ...2.0822

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; Sewage; ...2.0848

BIOLOGICAL STREAM SURVEILLANCE ...Benthic Organisms - nonspecific; Bottom Sampling; Ecological Effects; Survey Studies (water); Taxonomy -plant; West Virginia; ...2.0850

HYDROLOGY OF CACHUMA RESERVOIR ...Aeration (water); California; Oxygen Content (water); Plant Population Dynamics - gen; Soil Tillage; Taste & Odor of Water; Water Quality -general; Water Utilization -domestic; ...2.0878

BUFFER CAPACITY IN AQUATIC ECOSYSTEMS ...Acidity (water); Alkalinity (water); Mathematical Models; Plant Freshwater Ecology; Water Quality Control -general; ...2.0889

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EFFLUENT PRIOR TO A MAJOR FLOW INCREASE ...Arthropods; Chemical Water Properties; Estuaries; Recreation, Water Resources; Secondary Treatment; Sewage Treatment Plant; Water Pollutant Identification; ...2.0987

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Contamination - Water; Effluents - Waste Water; Management (water); Physical Water Properties; Reservoirs and Impoundments; Water Pollutants - Path of; Water Quality Control -general; ...2.1008

EVALUATION OF LOW-FLOW AUGMENTATION ON THE CHEMISTRY AND BIOLOGY OF THE BUFFALO RIVER, BUFFALO, NEW YORK ...Chemical Analysis (water); Chemical Water Properties; Industrial Wastes; New York; Sediments; Sewage; Water Supply Augmentation; ...2.1064

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated; Artificial Recharge; Chemical Water Properties; Hawaii; Land Use; Primary Treatment; Storm Water; Urban Runoff; Water Standards & Baselines; ...2.1239

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Aquatic Ecology - Animal; Chemical Measurements (water); Chlorination, Effluents - Waste Water; Physical Water Properties; Pollution Effects -see Water; Protozoa; Temperature (water); ...2.1262

EFFECTS OF DOMESTIC POLLUTION ABATEMENT ON A EUTROPHIC LAKE ...Chemical Water Properties; Eutrophic Lakes; Physical Water Properties; Water Pollution Abatement; Water Pollution Sources; ...2.1267

MICROBIAL MEDIATION IN GENERATION OF ACID MINE WASTES ...Acid Mine Drainage; Cellular Biosynthesis; Chemical Water Properties; Mineralogical Water Properties; ...2.1298

WINERY WASTEWATER - CHARACTERIZATION AND TREATMENT ...Acidity (water); Activated Sludge; Anaerobic Bacteria; Contamination - Water; Food Processing Industries; Sewer Systems; Waste Treatment; ...2.1348

THERMAL AND CONVENTIONAL RIVER POLLUTION ...Atomic Plants; Chemical Water Properties; Effluents - Waste Water; Legislation - Zoning; Tennessee River; Water Quality Control -general; ...2.1472

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Circulation (water), Ecological Effects; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plant Freshwater Ecology; Soil Tillage; Water Properties - general; ...2.1494

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER,

INDIANA ...Benthic Fauna; Electric Power Plants; Fish; Induced Temperature; Oxygen Content (water); Plankton; Temperature (water); Turbidity (water); Turbines; ...2.1552

COOLING WATER DISCHARGE PROJECT (RP-49) ...Ecological Effects; Estuaries; Lakes; Synoptic Weather Observations; ...2.1572

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

RECOVERY FROM ACID POLLUTION IN FOUR STRIP-MINE LAKES ...Acid Mine Drainage; Animal Productivity; Energy Budgets; Lake Stages, Physical Water Properties; Primary Productivity - Plants; Strip Mines; ...2.1617

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Atomic Plants; Chemical Water Properties, Energy Conversion; Fish; Missouri River; Temperature (water); ...2.1633

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources, Chemical Water Properties; Forecasting - Prediction, Mathematical Models; Planning; Rain; Runoff (water); Soil Types -also See Specifics; Water Quality Control -general; ...2.1711

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Destratification; Flow Characteristics (water); Model Studies; Physical Water Properties; Reservoirs and Impoundments; Tennessee; Water Quality Control -general; Water Supply -general; ...2.1713

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Aquatic Ecology - Animal; Chemical Water Properties; Economic Impact; Kentucky; Plant Freshwater Ecology; Regional Economics; Social Aspects; Water Quality -general; ...2.1835

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Administration and Management; Chesapeake Bay; Information Systems; Management (water); Social Aspects; Soil Tillage; Systems Analysis - Water Mgmt; ...2.1840

SUPPORT OF TWO RESEARCH VESSELS ...Core Analysis; Great Lakes -see Specific Lake; Physical Water Properties; Research Facilities; Thermal Pollution; ...2.1851

PROGRAM PLANNING ON ACTIVITIES OF AGENCIES OF CONCERN TO PUBLIC WATERS ...Fish & Shellfish Biology; Meetings; Vermont; Water Resources Planning; ...2.1923

CATTLE FEEDLOT WASTE AND AIR AND WATER POLLUTION ...Agricultural Runoff Animal Wastes - Feed Lots; Bos; Chlortetracycline; Farm Animal Wastes; Hydrographs; Process Design; ...3.0092

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

FISHERIES UNIT ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Catostomidae; Cladocera; Mark, Tag Or Capture -other; Pesticides -see Pesticide; Population Dynamics -general; ...4.0066

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Biological Effects; Cellular Catabolism-see Degrad; DDT; Dieldrin; Lake Michigan; Microorganism-see Cell. Catab.; Pesticide Residue Analysis; Pesticide Residues Removal; ...4.0075

Bird Studies -general

A STUDY OF SUSPECTED LEAD POISONING OF SWANS AND GEESE ...Animal Pharmacology; Aquatic Soils; Food Supply; Pathology; Rhode Island; ...2.0355

LEAD SHOT, ITS SETTLEMENT, OXIDATION, AND AVAILABILITY TO WATERFOWL ...Aquatic Ecology - Animal; Contamination - Water; Corrosion, Deterioration; Lead; Ordinance Materials; Swamps - Marshes; Waterfowl -nonspecific; ...2.0397

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

PLUMBISM IN MIGRATORY WATERFOWL FROM FOOD CHAIN ACCUMULATION OF LEAD ...Absorption (incl. Adsorption); Animal Migration; Lead; Waterfowl -nonspecific; ...2.1631

SOLID WASTE DISPOSAL AND BIRD HAZARD TO AIRCRAFT ...Aviation Safety; Charadriiformes; Landfills -see Water Pollution; Passeriformes; Spawn Or Nesting Sites; ...3.0070

Captive Rearing

EFFECTS OF THE CHEMOSTERILANT, TEPA, ON INSECTIVOROUS SONGBIRDS ...Birds; Insect Chemosterilants -ns.; Passeriformes; Population Dynamics -general; Washington; ...4.0576

DETERMINE THE EFFECTS OF 4-AMINO-PYRIDINE (DRC-1327, AVITROL 200) ON PEN-REARED PHEASANTS ...Avitrol 200; Baits, Lures; Laboratory Animals; Pheasant; ...4.0801

NUTRITION AND PROPAGATION OF THE ATTWATER'S PRAIRIE CHICKEN ...Aspergillus; Endangered Species; Nematoda; Pathology; Pesticide Residues Removal; Protozoa; Tissue Accumulation Rates; ...4.0857

Censusing

WILDLIFE RESEARCH ...Bioassay; Endangered Species; Florida; Pathology; Pelecaniformes; Population Dynamics -general; Spawn Or Nesting Sites; ...4.0596

INVESTIGATIONS OF WILDLIFE MORTALITY RELATED TO PESTICIDES ...Chemical Analysis; Ground Census; Pesticides - nonspecific; Questionaire; Wildlife -nonspecific; ...4.0622

THE INFLUENCE OF PESTICIDES ON MORTALITY RATES OF BIRDS ...Animal Productivity; Birds; Computer Methods -general; Pelecaniformes; Pesticide Residue Analysis; Pesticides -nonspecific; Population Dynamics -general; ...4.0828

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Computer Methods -general; Food Supply; Forest Environment -general; Mark, Tag Or Capture; Pesticide Residue Analysis; Pesticides -nonspecific; Quail; ...4.1113

Control of Nuisance Species

TOXIC CHEMICALS FOR ALLEVIATING BIRD PROBLEMS ...Anseriformes; Laboratory Animals; Passeriformes; Pesticide Action on Animals; Pheasant; ...4.0579

Endangered Species

WILDLIFE RESEARCH ...Bioassay; Censusing; Florida; Pathology; Pelecaniformes; Population Dynamics -general; Spawn Or Nesting Sites; ...4.0596

NUTRITION AND PROPAGATION OF THE ATTWATER'S PRAIRIE CHICKEN ...Aspergillus; Captive Rearing; Nematoda; Pathology; Pesticide Residues Removal; Protozoa; Tissue Accumulation Rates; ...4.0857

INSECTICIDES AND EGG-SHELL DEPOSITION ...Annelida; Birds; DDT; Fish; Lake Michigan; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0913

Food Supply

A STUDY OF SUSPECTED LEAD POISONING OF SWANS AND GEESE ...Animal Pharmacology; Aquatic Soils; Bird Studies - general; Pathology; Rhode Island; ...2.0355

EFFECTS OF HERBICIDES ON USE OF SAGEBRUSH LANDS BY WILDLIFE ...Animal Habitat Studies; Artemisia; Birds; Cervus; Deer -nonspecific; Grouse; Herbicides -nonspecific; Mammals; Pesticide Action on Animals; Plant Succession; Wildlife - nonspecific; ...4.0580

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Computer Methods -general; Forest Environment -general; Mark, Tag Or Capture; Pesticide Residue Analysis; Pesticides -nonspecific; Quail; ...4.1113

Management -other

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Population Dynamics -general; Salmo Clarki; ...4.0748

PRELIMINARY PESTICIDE STUDY ...Management -general; Monitoring Systems; Pesticides -nonspecific; Wildlife -nonspecific; ...4.0853

Mark, Tag Or Capture

SOLID WASTE DISPOSAL AND BIRD HAZARD TO AIRCRAFT ...Aviation Safety; Charadriiformes; Landfills -see Water Pollution; Passeriformes; Spawn Or Nesting Sites; ...3.0070

BIOTELEMETRY AS A TOOL FOR PESTICIDE INVESTIGATIONS ...Animal Distribution; California; Pesticide Safety Measures; Pheasant; ...4.0567

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Computer Methods -general; Food Supply; Forest Environment -general; Pesticide Residue Analysis; Pesticides -nonspecific; Quail; ...4.1113

Nesting Sites

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Computer Methods -general; Food Supply; Forest Environment -general; Mark, Tag Or Capture; Pesticide Residue Analysis; Pesticides -nonspecific; Quail; ...4.1113

Pathology

THE IMPORTANCE OF THE FOOD CHAIN IN BOTULISM INTOXICATION AMONG WATERFOWL LAKES AND SLOUGHS OF THE DEVILS LAKE REGION IN NORTH DAKOTA ...Animal Productivity; Bacillus Licheniformis; Clostridium Botulinum; Lakes; Waterfowl -nonspecific; ...2.0299

A STUDY OF SUSPECTED LEAD POISONING OF SWANS AND GEESE ...Animal Pharmacology; Aquatic Soils; Bird Studies - general; Food Supply; Rhode Island; ...2.0355

THE EFFECTIVENESS OF WATERFOWL IN CARRYING PATHOGENIC MICRO-ORGANISMS ...Animal Migration; Sewage Bacteria; Temporal Distribution; Waterfowl -nonspecific; ...2.0396

PLUMBISM IN MIGRATORY WATERFOWL FROM FOOD CHAIN ACCUMULATION OF LEAD ...Absorption (incl. Adsorption); Animal Migration; Bird Studies -general; Lead; Waterfowl -nonspecific; ...2.1631

EVALUATION OF WATERFOWL MORTALITY FACTORS (EXCEPT HUNTING) ...Contamination - Water; Pesticides -nonspecific; Petroleum -see Oil; Waterfowl -nonspecific; ...2.1645

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

TOXICOLOGY OF SELECTED PESTICIDES IN SELECTED WILDLIFE SPECIES ...Behavior -vertebrate; Mallard; Odocoileus; Pesticide Phytotoxicity; Pesticides -nonspecific; Quail; ...4.0581

WILDLIFE RESEARCH ...Bioassay; Censusing; Endangered Species; Florida; Pelecaniformes; Population Dynamics -general; Spawn Or Nesting Sites; ...4.0596

RELATIONSHIP OF INSECTICIDES TO PHEASANTS IN SOUTH DAKOTA ...Aldrin; Birds; Dieldrin; Pesticide Formulation; Tissue Accumulation Rates; ...4.0847

NUTRITION AND PROPAGATION OF THE ATTWATER'S PRAIRIE CHICKEN ...Aspergillus; Captive Rearing; Endangered Species; Nematoda; Pesticide Residues Removal; Protozoa; Tissue Accumulation Rates; ...4.0857

WILDLIFE PATHOLOGY RESEARCH ...Air Pollution -see Specifics; Environmental Physiology; Pesticides -nonspecific; ...4.0908

Birds

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Chemical Analysis; Ecological Effects; Environmental Ecology; Fish; Lakes; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

CHLORINATED HYDROCARBONS - PATTERNS AND EFFECTS UPON THE REPRODUCTIVE CAPACITY OF ANTARCTIC PELAGIC SEA BIRDS ...Antarctica; France; Polar Regions; Polychlorinated Biphenyl Cpds.; Procellariiformes; ...4.0551

CONTROLLED GROWTH AND METABOLISM OF AVIAN CELLS ...Embryology -basic; Gallus Domesticus; Malaoxon; Malathion; Paraoxon; Parathion; Pesticide Action on Animals; ...4.0558

WILDLIFE VS. BIDRIN AND DIMETHOATE USE IN SEED ORCHARDS ...Animal Distribution; Bidrin; Dimethoate; Mammals; Pesticide Legal Aspects; Population Dynamics -general; ...4.0575

PESTICIDE LEVELS IN MIGRATORY BIRDS ...Animal Migration; Animal Productivity; Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -nonspecific; ...4.0589

FACTORS AFFECTING PESTICIDE TOXICITY ...Amphibians; Fish; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticides Compatibility; ...4.0656

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination -other; Urine; ...4.0987

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation; Bos; Cricetidae -other; Felidae; Forest Environment -general; Radioactive Fallout-ef Fallout; Soil Chemical Properties; Vertebrates Excl. Man; ...5.0258

COMPARATIVE STUDY OF VOCAL LEARNING ...Learning and Retention; Motivation and Instinct; Psychology; Sensory & Perceptual Processes; Sound Production; ...6.0097

Anseriformes

A STUDY OF SUSPECTED LEAD POISONING OF SWANS AND GEESE ...Animal Pharmacology; Aquatic Soils; Bird Studies - general; Food Supply; Pathology; Rhode Island; ...3.0355

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Detergents -see Surfactants; Feces; Poultry -nonspecific; Salmonella -nonspecific & -et.; Waste Disposal on Soils; ...3.0220

TOXIC CHEMICALS FOR ALLEVIATING BIRD PROBLEMS ...Control of Nuisance Species; Laboratory Animals; Passeriformes; Pesticide Action on Animals; Pheasant; ...4.0579

BRAIN LESIONS, BEHAVIOR CHANGES AND PESTICIDE RESIDUES ...Dieldrin; Laboratory Animals; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0882

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

AEC ANIMAL INVESTIGATION PROGRAM ...Animal Migration; Bos; Environmental Ecology; Ovis; Reactor Sites & Rad Waste; ...5.0421

Canada Goose

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management - other; Population Dynamics -general; Salmo Clarki; ...4.0748

Mallard

TOXICOLOGY OF SELECTED PESTICIDES IN SELECTED WILDLIFE SPECIES ...Behavior -vertebrate; Odocoileus; Pathology; Pesticide Phytotoxicity; Pesticides -nonspecific; Quail; ...4.0581

STUDIES IN CHEMICAL METHODOLOGY FOR DETERMINATION OF PESTICIDE RESIDUES ...Chemical Analysis; DDT; Dieldrin; Laboratory Animals; Pesticide Residue Analysis; Pesticide Residues; ...4.0652

Shoveller

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Animal Behavioral Ecology; Biological Rhythms; Motivation and Instinct; Odocoileus; Procyonidae; Rabbits; Range Or Territorial Distr.; Teal, Green-winged; Vertebrates Excl. Man; ...5.0413

Teal, Green-winged

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Animal Behavioral Ecology; Biological Rhythms; Motivation and Instinct; Odocoileus; Procyonidae; Rabbits; Range Or Territorial Distr.; Vertebrates Excl. Man; ...5.0413

Waterfowl -nonspecific

FISH-MERCURY STUDIES IN THE GREAT LAKES ...Chemical Analysis; Contamination - Water; Fish; Great Lakes -see Specific Lake; Mercury; Organic Water Properties; Pesticide in Food Chains; ...3.0150

THE IMPORTANCE OF THE FOOD CHAIN IN BOTULISM INTOXICATION AMONG WATERFOWL LAKES AND SLOUGHS OF THE DEVILS LAKE REGION IN NORTH DAKOTA ...Animal Productivity; Bacillus Lichenifformis; Clostridium Botulinum; Lakes; Pathology; ...3.0299

THE EFFECTIVENESS OF WATERFOWL IN CARRYING PATHOGENIC MICRO-ORGANISMS ...Animal Migration; Pathology; Sewage Bacteria; Temporal Distribution; ...3.0396

LEAD SHOT, ITS SETTLEMENT, OXIDATION, AND AVAILABILITY TO WATERFOWL ...Aquatic Ecology - Animal; Contamination - Water; Corrosion, Deterioration; Lead; Ordinance Materials; Swamps - Marshes; ...3.0397

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Wildlife Habitat Management; ...3.0495

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Habitat Studies; Boat Discharges, Forecasting - Prediction; Mathematical Models; New York; Swamps - Marshes; Water Bacteria; ...3.0693

WATER TEMPERATURE AS A QUALITY FACTOR IN THE USE OF STREAMS AND RESERVOIRS ...Animal Habitat Studies; Dispersion (water); Meteorological Studies; Temperature (water); Thermal Pollution, Water Pollution Sources; ...3.1514

PLUMBISM IN MIGRATORY WATERFOWL FROM FOOD CHAIN ACCUMULATION OF LEAD ...Absorption (incl. Adsorption); Animal Migration; Bird Studies -general; Lead; ...3.1631

EVALUATION OF WATERFOWL MORTALITY FACTORS (EXCEPT HUNTING) ...Contamination - Water; Pathology; Pesticides -nonspecific; Petroleum -see Oil; ...3.1645

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

PRELIMINARY MONITORING OF PESTICIDES ...DDT; Dieldrin; Mercury; Partridge; Pheasant; ...4.0856

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

Charadriiformes

SOLID WASTE DISPOSAL AND BIRD HAZARD TO AIRCRAFT ...Aviation Safety; Landfills -see Water Pollution; Passeriformes; Spawn Or Nesting Sites; ...3.0070

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

INSECTICIDES AND EGG-SHELL DEPOSITION ...Annelida; Birds; DDT; Endangered Species; Fish; Lake Michigan; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0913

Columbiformes

Dove

EFFECTS OF CHEMICAL POLLUTANTS ON AVIAN REPRODUCTION ...Birds, Calification -vertebrate; Chlorinated Hydrocarbons; Nutrition; Pesticide Action on Animals; Pesticide in Food Chains; ...4.0767

AEC ANIMAL INVESTIGATION PROGRAM ...Animal Migration; Bos; Environmental Ecology; Ovis; Reactor Sites & Rad Waste; ...5.0421

Pigeon

BEHAVIORAL PHARMACOLOGY AND TOXICOLOGY ...Canidae; Ceboidea; Muridae; Toxicology; ...1.0382

COLLABORATIVE RESEARCH IN ENZYME INDUCTION BY CHLORINATED HYDROCARBONS IN BIRDS - ITS ECOLOGICAL SIGNIFICANCE ...Air Pollution -see Specifics; Animal Productivity; Bioassay; Calification -vertebrate; Chlorinated Hydrocarbons; Falconiformes; Pesticide Action on Animals; ...4.0780

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - INTERACTIONS OF ENDRIN AND ANTICONVULSANT DRUGS IN THE CEREBRAL CORTEX OF ANESTHETIZED ANIMALS ...Ceboidea; Endrin; Felidae; Pesticide Action on Animals; Pesticide Toxicity in Humans; Strigiformes; ...4.0813

THE STUDIES OF IONIZING RADIATION AS STIMULI ...Biological Rhythms; Learning and Retention; Muridae; Psychology; Toxic Substances; ...5.0234

STUDIES IN THE USE OF IONIZING RADIATION AS STIMULI ...Beta Particles; Learning and Retention; Muridae; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; ...5.0814

USE OF IONIZING RADIATIONS AS STIMULI ...Beta Particles; Cercopithecoidea; Muridae; Vertebrates Excl. Man; X and Gamma Rays; ...5.0815

Colymbiformes

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Diphacin; Fish; Fungicides -nonspecific; Mammals; Metal Organics -nonspecific; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0566

Falconiformes

TO STUDY THE ENVIRONMENTAL FACTORS AFFECTING REPRODUCTION IN OSPREYS OF FLATHEAD LAKE, MONTANA ...Calification -vertebrate; Chemical Analysis; Environmental Physiology; Montana; Pesticides -nonspecific; ...2.1486

TOXIC CHEMICALS FOR ALLEVIATING BIRD PROBLEMS ...Anseriformes; Control of Nuisance Species; Laboratory Animals; Passeriformes; Pesticide Action on Animals; Pheasant; ...4.0579

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues, Reptiles, Water Pollutants - Path of; ...4.0633

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics -general; Water Pollutants - Path of; ...4.0782

COLLABORATIVE RESEARCH IN ENZYME INDUCTION BY CHLORINATED HYDROCARBONS IN BIRDS - ITS ECOLOGICAL SIGNIFICANCE ...Air Pollution -see Specifics; Animal Productivity; Bioassay; Calification -vertebrate; Chlorinated Hydrocarbons; Pesticide Action on Animals; Pigeon; ...4.0780

THE INFLUENCE OF PESTICIDES ON MORTALITY RATES OF BIRDS ...Animal Productivity; Birds; Computer Methods -general; Pelecaniformes; Pesticide Residue Analysis; Pesticides -nonspecific; Population Dynamics -general; ...4.0828

INSECTICIDES AND EGG-SHELL DEPOSITION ...Annelida; Birds; DDT; Endangered Species; Fish; Lake Michigan; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0913

Galliformes

Gallus Domesticus

ANATOMY OF THE RESPIRATORY SYSTEM IN HEALTH AND DISEASE ...Air Pollution -see Specifics; Mammals -nonspecific; Quail; Respiratory Disease; Vertebrate Anatomy; ...1.0175

EFFECT OF ATMOSPHERIC POLLUTANTS UPON DISEASE SUSCEPTIBILITY IN CHICKENS AND QUAIL ...Air Pollution - see Specifics; Quail; Ultra Violet Radiation; ...1.0306

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Air Pollution -see Specifics; Dust; Environmental Physiology; Microorganisms -nonspecific; Remote Sensing; Temperature - Air; ...1.0350

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Air Pollution -see Specifics; Environmental Physiology; Humidity; Solar Light; Wind -see Air Motion; ...1.0374

GASES AND PARTICULATES IN POULTRY HOUSES ...Air Pollution -see Specifics; Dust; Methane; Poultry Industry; Wind -see Air Motion; ...1.0416

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Food Processing Industries; Infiltration; Nitrogen and Nitrogen Cpds.; Percolation (water); Phosphorus and Phosphorus Cpds; Soil Moisture; Sprinkler Irrigation; Water Quality -general; ...2.1287

TERTIARY TREATMENT OF ANIMAL WASTE WATERS ...Aerobic Waste Water Treatment; Bos; Denitrification -see Nitrogen; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1346

EVALUATE PERFORMANCE OF POULTRY AS AFFECTED BY WATER QUALITY ...Biological Effects; Chlorine; Filtration; Nutrition; Ponds; Water Utilization -animal; West Virginia; ...2.1774

DECOMPOSITION AND DISPERSION OF EXCRETA FROM LAYING HENS AND TURKEYS ...Farm Animal Wastes; Microorganisms -nonspecific; Soil Organic Content; Space Requirements; ...3.0009

PRODUCTION EFFICIENCY IN CAGE EQUIPPED LAYING HOUSES AS INFLUENCED BY LABOR PRACTICES ...Economic Feasibility; Farm Animal Wastes; ...3.0150

LAGOONS FOR DISPOSAL OF BARN YARD WASTES ...Aeration (water); Bos; Effluents - Waste Water; Farm Animal Wastes; Lagoon, Microorganisms -nonspecific; Sewage Lagoons; Taste & Odor of Water; ...3.0152

LITTERLESS HIGH-DENSITY BROILER PRODUCTION SYSTEM ...Farm Animal Wastes; Poultry Industry; Space Requirements; ...3.0158

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Electroosmosis; Farm Animal Wastes; Pilot Plants; Waste Disposal-see Solid Waste; ...3.0184

POULTRY WASTE MANAGEMENT AND ODOR CONTROL ...Farm Animal Wastes; Humidity; Temperature - Air; Wind -see Air Motion; ...3.0239

POULTRY MANURE PROPERTIES, HANDLING AND DISPOSAL ...Animal Wastes - Feed Lots; Disposal; Farm Animal Wastes; Feces; Waste Disposal on Soils; Waste Type; ...3.0240

ENVIRONMENT AND MANAGEMENT OF LAYING HENS ...Farm Animal Wastes; Space Requirements; ...3.0285

AGRICULTURAL WASTES - POULTRY MANURE DISPOSAL AND USE ...Economic Feasibility; Microorganisms -nonspecific; Phaseolus; Soil pH; Vegetables; ...3.0297

INFLUENCE OF ENVIRONMENT ON PERFORMANCE OF HENS ...Costs -see Economics Entries; Environmental Physiology; Farm Animal Wastes; Farm Structures & Design; Space Requirements; ...3.0317

COMMUNITY CAGE HOUSING OF LAYING CHICKENS ...Behavior -vertebrate; Farm Structures & Design; Injury -animal; Space Requirements; Wind -see Air Motion; ...3.0337

BROILER MANAGEMENT ...Aflatoxins; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Waste Disposal on Soils; ...3.0358

BIODEGRADATION OF POULTRY MANURE ...Farm Animal Wastes; Feces; Microorganisms -nonspecific; Product Development Research; ...3.0377

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Air Pollution -see Specifics; Beta Particles; Fragaria; Malathion; Pesticide Interaction With Env; Pesticide Residues Removal; Residues in Foods; X and Gamma Rays; ...4.0308

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Chlorinated Hydrocarbons; Pesticide in Food Chains; Pesticide Residues Removal; Solanum; ...4.0440

PESTICIDE DEPOSITION IN POULTRY ...Chemical Analysis; DDT; Food Contamination; Laboratory Animals; Pesticide in Food Chains; Pesticide Residues in Feeds; Residues in Foods; ...4.0538

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Chemical Analysis; Laboratory Animals; Mammals -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0548

CONTROLLED GROWTH AND METABOLISM OF AVIAN CELLS ...Birds; Embryology -basic; Malaoxon; Malathion; Paraoxon; Parathion; Pesticide Action on Animals; ...4.0558

DDT AND OTHER CHLORINATED HYDROCARBONS AND EGG SHELL QUALITY ...Birds; Chlorinated Hydrocarbons; DDT; Melliagris; Pesticide Action on Animals; Pesticide Residues in Foods; Quail; ...4.0597

DDT IN EGGS AND POULTRY MEAT ...DDT; Feces; Food Contamination; Pesticide Action on Animals; Pesticide in Food Chains; Residues in Foods; ...4.0599

METABOLISM AND DEPOSITION OF INSECTICIDES IN FOWL ...Carbamates -nonspecific; Domestic Animals; Organophosphorous Cpds.; Pesticide Action on Animals; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0606

INSECTICIDE METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Birds; Developmental Physiology; Insect Chemosterilants -ns.; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues in Feeds; ...4.0607

METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Domestic Animals; Experimental Teratology; Feces; Insecticides -nonspecific; Pesticide in Food Chains; Pesticide Tolerance Rate; ...4.0608

ACCELERATED REMOVAL OF INSECTICIDE RESIDUE ...Animal Pharmacology; Chemical Analysis; DDT; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0618

MECHANISM OF ACTION OF HALOGENATED HYDROCARBON FUMIGANTS ON ANIMALS ...Birds; Dibromoethane; Foreign Agriculture; Israel; Muridae; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0621

EFFECTS OF DDT AND ANALOGUES ON REPRODUCTION IN DOMESTIC MAMMALS AND BIRDS ...Birds; DDT; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; TDE; ...4.0636

EFFECT OF MALATHION AND SEVIN ON REPRODUCTIVE PERFORMANCE OF THE HEN ...Birds; Developmental Physiology; Malathion; Pesticide Formulation; Pesticide Residues in Feeds; Sevin; ...4.0640

EGG COMPOSITION, MALATHION RESIDUES, AND MEAT QUALITY OF MALATHION TREATED HENS ...Home Economics; Laboratory Animals; Malathion; Metabolites From Pesticides; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0777

INFLUENCE OF NUTRITION ON INSECTICIDE RESIDUES IN CHICKENS ...Birds; Dieldrin; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0798

DIELDRIN TOXICITY IN THE CHICKEN ...Dieldrin; Domestic Animals; Pesticide Residues in Feeds; Residues in Foods; Tissue Accumulation Rates; ...4.0803

METABOLIC FATE OF AGRICULTURAL CHEMICALS IN POULTRY ...Carbon; Chemical Analysis; Domestic Animals; Metabolites From Pesticides; Pesticide Action on Animals; Residues in Foods; Sevin; ...4.0804

INSECTICIDE RESIDUES IN POULTRY AND EGGS ...Biochemical Analysis - Tissues; Chlordan; Food Contamination; Home Economics; Melliagris; Pesticide Residues in Feeds; Residues in Foods; ...4.0862

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN LIVESTOCK AND POULTRY ...Animal Resistance; Bos; Ddvp; Liquids Or Sprays; Pesticides -other; Ronnel; ...4.0869

LIVESTOCK DETOXICATING MECHANISMS OF PESTICIDES ...Birds; Ciodrin; Domestic Animals; Ovis; Pesticide Residues Removal; Residues in Foods; ...4.0870

TOXICOLOGICAL EFFECTS OF VARIOUS PESTICIDES AND OTHER AGRICULTURAL CHEMICALS ON LIVESTOCK AND POULTRY ...Acaricides -nonspecific; Deet; Fungicides -nonspecific; Herbicides -nonspecific; Nematocides -nonspecific; Pesticide Residue Analysis; Sus; ...4.0871

CHARACTERIZATION OF CYTOLOGICAL RESPONSES TO TOXICATIONS OF PESTICIDES IN LIVESTOCK ...Anthelminth; Birds; Developmental Physiology; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0873

THE TOXICOLOGICAL ACTION OF ORGANOPHOSPHATES AND CARBAMATES ...Air Pollution -see Specifics; Chemical Carcinogenesis; Experimental Teratology; Laboratory Animals; Muridae; Pesticide Action on Animals; Sevin; ...4.0881

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Domestic Animals; Food Contamination; Organophosphorous Cpds.; Pesticide Residues; Pesticide Residues Removal; Residues in Foods; ...4.0909

INFLUENCE OF PESTICIDAL CHLORINATED HYDROCARBONS ON ADAPTATION MECHANISM IN POULTRY ...Chlorinated Hydrocarbons; DDT; Domestic Animals; Foreign Agriculture; Yugoslavia; ...4.0921

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; Medicago; Pesticide Formulation; Pesticide Residues; Tissue Accumulation Rates; ...4.0959

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides - other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Lindane; Methoxychlor; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0973

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Pyrus Malus; Sevin; ...4.0990

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bioassay; Carbon; Developmental Physiology; Genetic Resistance; Hydrogen; Organophosphorous Cpds.; Pesticide Action on Plants; Pyrethrum; ...4.0999

DDT RESIDUES IN EGGS AND BODY TISSUES OF HENS ...Chemical Analysis; Food Contamination; Granules, Capsules; Pesticide Action on Animals; Pesticide in Food Chains; ...4.1016

MALATHION RESIDUES IN POULTRY MEAT AND EGGS ...Animal; Feces; Malaoxon; Metabolites From Pesticides, Pesticide Residues Removal; Residues in Foods; ...4.1028

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

METABOLISM OF CHLORINATED HYDROCARBON INSECTICIDES IN LIVESTOCK ...Animal; Domestic Animals; Pesticide Action on Animals; Urine; ...4.1097

METHODS OF ANALYSIS FOR PESTICIDES, KERRVILLE ...Bos; Ciodrin; Ddvp; Domestic Animals; Gardona; Pesticide Residue Analysis; Sus; ...4.1125

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Aldrin; Dieldrin; Home Economics; Pesticide Action on Animals; Pesticide Residues in Feeds, Residues in Foods; ...4.1126

MECHANISM OF DIVALENT ION ABSORPTION ...Arsenic; Cobalt; Iron; Mercury; Whole Body; Zinc; ...5.0256

CORRELATED STATISTICAL AND CYTOPHYSIOLOGICAL STUDIES OF THE RADIATION RESPONSE IN HIGHER VERTEBRATES ...Injury -animal; Muridae; Radiation, Lethal Dose; Vertebrates Excl. Man, X and Gamma Rays; ...5.0290

THE MECHANISM OF THE CELL MEDIATED IMMUNE RESPONSE ...Cell Injury and Autolysis; Cellular Biosynthesis; Injury and Shock; Radiation; Radiation Effects - Biological; ...5.0304

DYNAMIC ASPECTS OF SKELETAL METABOLISM ...Active Transport; Radiation Effects - Biological; Radioisotopes -nonspecific; ...5.0509

EFFECT OF DOSE RATE AND TOTAL DOSE OF GAMMA IRRADIATION UPON METABOLIC PARAMETERS IN BIRDS ...Calcium; Injury -animal; Phosphorus; Radiation Effects - Biological; Strontium, X and Gamma Rays; ...5.0672

THE METABOLISM OF STRONTIUM AND RELATED NUCLIDES IN POULTRY ...Calcium; Phosphorus; Phosphorus and Phosphorus Cpds; Radiation Effects; Strontium; Vertebrates Excl. Man; X and Gamma Rays; ...5.0673

RADIATION EFFECTS ON MATURE CHICKENS ...Cobalt, Neutron -see Radiation; Radiation, Lethal Dose; Radioactive Pollution -ns; Vertebrates Excl. Man; X and Gamma Rays; ...5.0680

Grouse

EFFECTS OF SAGEBRUSH CONTROL ON DISTRIBUTION AND ABUNDANCE OF SAGE GROUSE ...Birds; D; 2,4-; Temporal Distribution; ...4.0574

EFFECTS OF HERBICIDES ON USE OF SAGEBRUSH LANDS BY WILDLIFE ...Animal Habitat Studies; Artemisia; Birds; Cervus; Deer -nonspecific; Food Supply; Herbicides -nonspecific; Mammals; Pesticide Action on Animals; Plant Succession; Wildlife -nonspecific; ...4.0580

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Mammals -nonspecific; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

Meliagris

AIRSACCULITIS OF TURKEYS ...Air Pollution -see Specifics; Humidity; Temperature - Air; Wind -see Air Motion; ...1.0436

EFFECT OF NITRATE AND NITRITE IN THE DRINKING WATER ON PERFORMANCE OF MARKET TURKEYS ...Contamination - Water; Mineralization; Nutrition; Potable Water; Water Supply -general; Water Utilization -animal; ...2.0156

EFFECTS OF SODIUM NITRATE AND WATER CONTAMINANTS ON TURKEY PERFORMANCE ...Animal Pharmacology; Contamination - Water; Environmental Physiology; Nutrition; Physiological Effects; Pollution Effects -see Water; Water Utilization -animal; ...2.1513

DECOMPOSITION AND DISPERSION OF EXCRETA FROM LAYING HENS AND TURKEYS ...Farm Animal Wastes; Gallus Domesticus; Microorganisms -nonspecific; Soil Organic Content; Space Requirements; ...3.0009

EFFECT OF PHYSICAL ENVIRONMENT UPON MANAGEMENT PRACTICES ...Humidity; Space Requirements; Temperature - Air; Wind -see Air Motion; ...3.0193

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Anseriformes; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Detergents -see Surfactants; Feces; Poultry -nonspecific; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...3.0220

DDT AND OTHER CHLORINATED HYDROCARBONS AND EGG SHELL QUALITY ...Birds; Chlorinated Hydrocarbons; DDT; Gallus Domesticus; Pesticide Action on Animals; Pesticide Residues in Feeds; Quail; ...4.0597

INSECTICIDE RESIDUES IN POULTRY AND EGGS ...Biochemical Analysis - Tissues; Chlordan; Food Contamination; Home Economics; Pesticide Residues in Feeds; Residues in Foods; ...4.0862

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Dursban; Heptachlor; Paraquat; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

Partridge

PRELIMINARY MONITORING OF PESTICIDES ...DDT; Dieldrin; Mercury; Pheasant; ...4.0856

AEC ANIMAL INVESTIGATION PROGRAM ...Animal Migration; Bos; Environmental Ecology; Ovis; Reactor Sites & Rad Waste; ...5.0421

Pheasant

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Diphacin; Fish; Fungicides -nonspecific; Mammals; Metal Organics -nonspecific; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0566

BIOTELEMETRY AS A TOOL FOR PESTICIDE INVESTIGATIONS ...Animal Distribution; California; Mark, Tag Or Capture; Pesticide Safety Measures; ...4.0567

CHOLINESTERASE ACTIVITY AND BLOOD ENZYME CHANGE STUDIES ...Air Pollution -see Specifics; Contamination - Water; Fish; Mercury; Pesticide Action on Animals; ...4.0568

TOXIC CHEMICALS FOR ALLEVIATING BIRD PROBLEMS ...Anseriformes; Control of Nuisance Species; Laboratory Animals; Passeriformes; Pesticide Action on Animals; ...4.0579

TOXICOLOGY OF SELECTED PESTICIDES IN SELECTED WILDLIFE SPECIES ...Behavior -vertebrate; Mallard; Odocoileus; Pathology; Pesticide Phytotoxicity; Pesticides -nonspecific; Quail; ...4.0581

PESTICIDE DATA - PHEASANT ...Chemical Analysis; Periodicals, Journals; Pesticide Action on Animals; Pesticides -nonspecific; ...4.0755

EFFECTS OF ETHYL PARATHION ON PHEASANTS ...Bioassay; Bioassays; Parathion; Pesticide Action on Animals; ...4.0756

DETERMINE THE EFFECTS OF 4-AMINO-PYRIDINE (DRC-1327, AVITROL 200) ON PEN-REARED PHEASANTS ...Avitrol 200; Baits, Lures; Captive Rearing; Laboratory Animals; ...4.0801

RELATIONSHIPS OF PESTICIDE APPLICATION TO PESTICIDE RESIDUES IN WILDLIFE ...Behavior -vertebrate; DDE; Experimental Teratology; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0827

RELATIONSHIP OF INSECTICIDES TO PHEASANTS IN SOUTH DAKOTA ...Aldrin; Birds; Dieldrin; Pathology; Pesticide Formulation; Tissue Accumulation Rates; ...4.0847

PRELIMINARY MONITORING OF PESTICIDES ...DDT; Dieldrin; Mercury; Partridge; ...4.0856

PESTICIDAL RESIDUES OF AGRICULTURAL CHEMICALS ...Furadan; Guthion; Metabolites From Pesticides; Methyl Parathion; Pesticide Application Rates; Pesticide Residues in Feeds; ...4.1072

Poultry -nonspecific

LITERATURE REVIEW ON THE EFFECT OF AIR POLLUTANTS ON LIVESTOCK AND POULTRY ...Air Pollution -see Specifics; Arsenic; Environment Resistance-animals; Fluorine; Literature Search; Sus; ...1.0352

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Plant Waste Removal, Treatment; Solid Waste; Water Costs; Water Resources Development; ...2.1213

EVALUATION OF THE NITROGEN, PHOSPHORUS AND POTASSIUM CONTENT OF POULTRY MANURE ...Clay Soils; Farm Animal Wastes; Mineral Nutrition; ...3.0002

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots; Contamination - Soil; Cynodon; Farm Animal Wastes; Fertilizer Toxicity; Groundwater; Rain; Soil Chemical Properties; Waste Disposal on Soils; ...3.0005

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange; Maps -general; Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Sus; Wind -see Air Motion; ...3.0069

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Bos; Chlorine; Contamination - Soil; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Soil Moisture; Zea Mays - Field Corn; ...3.0097

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Farm Animal Wastes; Sus; Waste Disposal-see Solid Waste; ...3.0143

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Clay Soils; Farm Animal Wastes; Irrigation; Livestock -nonspecific; Silty Soils; Soil Types -also See Specifics; Waste Disposal on Soils; Zea Mays - Field Corn; ...3.0147

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Agricultural Runoff; Bos; Farm Animal Wastes; Waste Disposal on Soils; ...3.0156

FARM ANIMAL WASTES MANAGEMENT ...Air Cleaning Devices; Bos; Dust; Farm Animal Wastes; Waste Type; ...3.0167

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Anseriformes; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Detergents -see Surfactants; Feces; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...3.0220

HANDLING AND DISPOSAL OF POULTRY MANURE ...Farm Animal Wastes; Plowing; Waste Disposal on Soils; ...3.0221

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0223

SYSTEMS FOR ALLEVIATING ODORS FROM POULTRY WASTES ...Aeration (water); Carbon; Costs -see Economics Entries; Farm Animal Wastes; Feces; ...3.0235

POULTRY MANURE DISPOSAL AND ASSOCIATED ODOR CONTROL ...Costs -see Economics Entries; Disposal; Farm Animal Wastes; Feces; Waste Type; ...3.0241

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Groundwater; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Trickling Filters; Waste Disposal on Soils; Water Quality Control -general; ...3.0279

ANALYSIS OF COMPLETE LIVESTOCK PRODUCTION SYSTEMS ...Bos; Farm Animal Wastes; Farm Structures & Design; Sewage Lagoons; Sus; ...3.0313

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Aerobic Bacteria; Farm Animal Wastes; Feces; Soil Chemical Properties; Waste Disposal on Soils; ...3.0342

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Agricultural Runoff; Animal Wastes - Feed Lots; Farm Animal Wastes; Sewage Lagoons; Staphylococcus Epidermidis; ...3.0348

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

BIOCHEMICAL EFFECTS OF AGRICULTURAL CHEMICALS AND CONTROL SUBSTANCE TO LIVESTOCK ...Animal Pharmacology; Bos; Domestic Animals; Herbicides -nonspecific; Insecticides -nonspecific; ...4.0872

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; D, 2,4-; Food Contamination; Pesticide in Food Chains; Pesticide Persistance in Soils; Pesticide Residues; Translocation; ...4.0952

ECOLOGICAL AND RADIO-ECOLOGICAL INVESTIGATIONS AT THE AEC SAVANNAH RIVER PLANT ...Amphibians; Animal Migration; Aquatic Ecology - Animal; Energy Budgets; Mammals -nonspecific; Radiation Effects - Biological; Reptiles; ...5.0260

Prairie Chicken

NUTRITION AND PROPAGATION OF THE ATTWATER'S PRAIRIE CHICKEN ...Aspergillus; Captive Rearing; Endangered Species; Nematoda; Pathology; Pesticide Residues Removal; Protozoa; Tissue Accumulation Rates; ...4.0857

Quail

ANATOMY OF THE RESPIRATORY SYSTEM IN HEALTH AND DISEASE ...Air Pollution -see Specifics; Gallus Domesticus; Mammals -nonspecific; Respiratory Disease; Vertebrate Anatomy; ...1.0175

EFFECT OF ATMOSPHERIC POLLUTANTS UPON DISEASE SUSCEPTIBILITY IN CHICKENS AND QUAIL ...Air Pollution - see Specifics; Gallus Domesticus; Ultra Violet Radiation; ...1.0306

PESTICIDE-WILDLIFE RELATIONSHIPS ...Birds; DDT; Insecticides -nonspecific; Mammals; Odocoileus; Pesticide Residues; Rabbits; ...4.0530

PESTICIDE DEPOSITION IN POULTRY ...Chemical Analysis; DDT; Food Contamination; Laboratory Animals; Pesticide in Food Chains; Pesticide Residues in Feeds; Residues in Foods; ...4.0538

BIOLOGICAL EFFECTS OF ENVIRONMENTAL FACTORS IN BIRDS AND ANIMALS ...Birds; Cyclic Chlorinate Organic Cpds; DDT; Laboratory Animals; ...4.0557

TOXICOLOGY OF SELECTED PESTICIDES IN SELECTED WILDLIFE SPECIES ...Behavior -vertebrate; Mallard; Odocoileus; Pathology; Pesticide Phytotoxicity; Pesticides -nonspecific; ...4.0581

DDT AND OTHER CHLORINATED HYDROCARBONS AND EGG SHELL QUALITY ...Birds; Chlorinated Hydrocarbons; DDT; Gallus Domesticus; Melliagris; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.0597

INSECTICIDE METABOLISM AND DISPOSITION OF INSECTICIDES IN THE FOWL ...Birds; Developmental Physiology; Insect Chemosterilants -ns.; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues in Feeds; ...4.0607

INTERACTIONS OF PESTICIDES, DRUGS AND OTHER CHEMICALS ...Bioassay; Environmental Effects - Human; Muridae; Pesticide Action on Animals; Pesticide Rates -general; ...4.0613

TOXICOLOGICAL STUDIES WITH JAPANESE QUAIL ...Animal Resistance; Bioassay; Chlorinated Hydrocarbons; Laboratory Animals; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0628

EFFECTS OF DDT AND ANALOGUES ON REPRODUCTION IN DOMESTIC MAMMALS AND BIRDS ...Birds; DDT; Gallus Domesticus; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; TDE; ...4.0636

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; TDE; ...4.0638

FUR ANIMAL STUDIES (MINK) ...Chemical Analysis; DDT; Domestic Animals; Muridae; Mustelidae; Pesticide Formulation, Pesticide Residues Removal; TDE; ...4.0664

TOXICOLOGY AND METABOLISM OF UNINTENTIONAL FOOD ADDITIVES ...Caviidae; Food Contamination; Laboratory Animals; Pesticides -other; Residues in Foods; Toxicology; ...4.0766

NUTRITION AND PROPAGATION OF THE ATTWATER'S PRAIRIE CHICKEN ...Aspergillus; Captive Rearing; Endangered Species; Nematoda; Pathology; Pesticide Residues Removal; Protozoa; Tissue Accumulation Rates; ...4.0857

INSECTICIDES AND REPRODUCTION OF COTURNIX QUAIL ...Chemical Mutagenesis; DDT; Genetic Resistance; Laboratory Animals; Malathion; Pesticide Tolerance Rate; ...4.0912

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Fu-

radan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides - other; Terbacil; Tobacco -cigarettes; ...4.0972

PESTICIDE RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Bioassay; Brassica Species; Cladocera; Fish; Leaf Analysis; Pesticide in Food Chains; Trifluralin; ...4.1111

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Computer Methods -general; Food Supply; Forest Environment -general; Mark, Tag Or Capture; Pesticide Residue Analysis; Pesticides -nonspecific; ...4.1113

Passeriformes

EFFECTS OF SURFACTANTS IN WATER ON BLACKBIRD METABOLISM ...Analysis and Detection; Contamination - Water; Surfactants -see Detergents; Temperature - Air; ...2.1579

SOLID WASTE DISPOSAL AND BIRD HAZARD TO AIRCRAFT ...Aviation Safety; Charadriiformes; Landfills -see Water Pollution, Spawn Or Nesting Sites; ...3.0070

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Biological Control; Birds; Forest Environment - general; Pesticide in Food Chains; Physical Control; ...4.0549

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Birds; Laboratory Animals; Pesticide Application Rates; Pesticide Formulation; Ponds; ...4.0550

EFFECTS OF THE CHEMOSTERILANT, TEPA, ON INSECTIVOROUS SONGBIRDS ...Birds; Insect Chemosterilants -ns.; Population Dynamics -general; Washington; ...4.0576

TOXIC CHEMICALS FOR ALLEVIATING BIRD PROBLEMS ...Anseriformes; Control of Nuisance Species; Laboratory Animals; Pesticide Action on Animals; Pheasant; ...4.0579

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0633

AN EVALUATION OF THE FACTORS INVOLVED IN BIOACCUMULATION OF GAMMA EMITTING RADIONUCLIDES IN WILD DEER ...Animal Habitat Studies; Animal Productivity; Canidae; Cesium; Cricetidae -other; Odocoileus; X and Gamma Rays; ...5.0257

Pelecaniformes

WILDLIFE RESEARCH ...Bioassay; Censusing; Endangered Species; Florida; Pathology; Population Dynamics -general; Spawn Or Nesting Sites; ...4.0596

THE INFLUENCE OF PESTICIDES ON MORTALITY RATES OF BIRDS ...Animal Productivity; Birds; Computer Methods -general; Pesticide Residue Analysis; Pesticides -nonspecific; Population Dynamics -general; ...4.0828

PHYSIOLOGICAL AND BEHAVIORAL EFFECTS OF INSECTICIDES ON CORMORANTS ...Animal Behavioral Ecology; DDE; Fish; Pesticide Action on Animals; TDE; ...4.0844

Procellariiformes

CHLORINATED HYDROCARBONS - PATTERNS AND EFFECTS UPON THE REPRODUCTIVE CAPACITY OF ANTARCTIC PELAGIC SEA BIRDS ...Antarctica; Birds; France; Polar Regions; Polychlorinated Biphenyl Cpds.; ...4.0551

Strigiformes

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0633

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - INTERACTIONS OF ENDRIN AND ANTICONVULSANT DRUGS IN THE CEREBRAL CORTEX OF ANESTHETIZED ANIMALS ...Ceboidea; Endrin; Felidae; Pesticide Action on Animals; Pesticide Toxicity in Humans; ...4.0813

THE INFLUENCE OF PESTICIDES ON MORTALITY RATES OF BIRDS ...Animal Productivity; Birds; Computer Methods -general; Pelecaniformes; Pesticide Residue Analysis; Pesticides -nonspecific; Population Dynamics -general; ...4.0828

Black Sea

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Deltas; Electrical Properties; Marine Biology - General; Marine Environments; Radioactive Isotopes; Temperature; Trace Elements; Xray Diffraction; ...5.0068

Bleaching, Coloring

INFLUENCE OF WATER QUALITY IN MAINTAINING WHITENESS WHEN LAUNDERING WHITE FABRICS ...Fibers; Home Economics; Materials -properties; Mineralogical Water Properties; Organic Matter; Water Quality -general; ...2.0297

CHEMICAL PULPING AND BLEACHING ...Air Pollution-chemistry; Electrolytic; Industrial Pollution -general; Materials -properties; Pulp and Paper Wastes; Reduction Reactions; Water Chemistry; ...3.0351

Boilers

KINETICS OF NO AND CO FORMATION IN COMBUSTION GASES ...Air Pollution-chemistry; Cars; Combustion; Fuels; Nitrogen and Nitrogen Cpds., Rate of Reaction; Turbines; ...1.0060

TESTING OF CONVENTIONAL AND EXPERIMENTAL OIL AND GAS BURNERS ...Air Pollution-chemistry; Burners; Fuels; Furnaces and Incinerators; Heating Units; Nitrogen and Nitrogen Cpds.; Photography; ...1.0096

COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Air Pollution-chemistry; Coal Research; Combustion; Energy Conversion; Lignite; Pilot Plants; Power Plants -see Specifics; ...1.0117

TVA PLUME STUDIES ...Air Pollution-chemistry; Combustion; Furnace and Incinerator Design; Particulates - Air Pollution; Power Plants; ...1.0141

FLUIDIZED-BED COMBUSTION ...Combustion; Combustion Air Pollution-gen; Fluidized Bed Reactor; Fossil Fuels; Furnaces; Heat Transmission; ...1.0660

Borehole Geophysics

GEOLOGIC INVESTIGATIONS, NEVADA TEST SITE ...Alluvium - Alluvial; Faults - Geology; Nevada; Water Table; ...2.0070

AN ANOMALOUS OCCURRENCE OF SALINE WATER IN THE FLORIDAN AQUIFER ...Aquifers; Florida; Gamma Radiation; Geophysical Analysis; Saline Water Intrusion; Water Wells; ...2.0106

SALINE WATER POLLUTION OF POTABLE WATER SUPPLIES THROUGH DEEP ARTESIAN WELLS ...Aquifers; Environmental Changes; Groundwater; Mans Pollutional Activities; Saline Water Intrusion; Water Wells; ...2.0107

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Burial; Groundwater; Idaho; Isotope Tracer -see Tracers; Radioisotopes; Waste Water -general; Water Pollution Sources; ...2.0569

WATER RESOURCES OF RANKIN COUNTY ...Aquifers; Groundwater; Mississippi; Water Supply Augmentation; Water Wells; ...2.0650

IMPROVED EXTRACTION SYSTEM - WATER CONTROL - CONTROL TECHNIQUES, FIELD TESTING AND EVALUATION ...Acid Mine Drainage; Analytical Instruments; Coal; Data Acquisition; Geology -general; Mine Atmosphere Conditions; Soil Tillage; ...2.1402

PALO ALTO, SAN MATEO, AND MONTARA MOUNTAIN 7.5-MIN. QUADRANGLES AND VICINITY, CALIFORNIA ...Data Acquisition; Environmental Geology; Rock Mechanics - Geology; Surficial Geology Studies; ...2.1797

Bottom Sampling

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Acidity (water); Arkansas; Biological Water Properties; Chemical Water Properties; Energy Conversion; Plankton; Reactor Sites & Rad Waste; Thermal Pollution; ...2.0023

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Microorganisms -nonspecific; Plant Freshwater Ecology; Spectrographic Techniques; Waste Water Treatment -general; Water Quality Control -general; ...2.0114

THE COLIFORM BACTERIA, PLANKTON, & RELATED PHYSICO-CHEMICAL FACTORS IN LAKE PONTCHARTRAIN AT NEW ORLEANS, LA ...Acidity (water); Louisiana; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Sediments; Water; ...2.0164

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply - general; ...2.0322

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

ACID MINE POLLUTION ...Acid Mine Drainage; Biological Water Properties; Catostomidae; Mining Industry; Physical Water Properties; Rehabilitation -streams -lakes; Sediments; Strip Mines; Water Pollution Abatement; ...2.0409

MULTIPLICATION OF CLOSTRIDIUM BOTULINUM TYPE E IN THE GREAT LAKES ...Aquatic Plants -nonspecific; Bacterial Exotoxins; Depth (water); Plant Freshwater Ecology; Wisconsin; ...2.0452

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Alabama; Bacterial Ecology; Bays; Coliforms -nonspecific; Marine Pollution; Sewage; Size; Water Pollutant Identification; ...2.0464

VIBRIO PARAHAEMOLYTICUS IN CHESAPEAKE BAY - ISOLATION, INCIDENCE AND PATHOGENICITY ...Animal Interrelationships -gen; Bacterial Pollutant Sources; Chesapeake Bay; Estuaries, Muridae; Swamps - Marshes; ...2.0532

ECOLOGIC IMPACT OF HUMAN ACTIVITIES ON WATER RESOURCE ENVIRONMENTS ...Animal Pollutant Sources; Chemical Water Properties; Ecological Effects; Mans Pollutional Activities; Physical Water Properties; Water Pollutant Identification; ...2.0584

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - EFFECTS ON INDICATOR ORGANISMS ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Effluents - Waste Water; Mollusca; Water Pollutant Identification; ...2.0597

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Acidity (water); Aquatic Soils; Geochemical Analysis (water); Lakes; Mineralogical Properties; Social Aspects; Soil pH; ...2.0608

POLLUTION OF A MARINA AREA BY WATERCRAFT USE AS INDICATED BY COLIFORM AND CHEMICAL CONCENTRATIONS ...Bacterial Pollutant Sources; Coliforms -nonspecific; Marinas; Ship Wastes; Water Pollutant Identification; ...2.0635

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ...Aquatic Distribution; Bacterial Pollutant Sources; Contamination - Water; Escherichia Sp; Gulf of Mexico; Mississippi; Ostreidae (oyster); Pollution Effects -see Water; ...2.0652

TESTACEA (PROTOZOA - SARCODINA) AS INDICATORS OF WATER QUALITY IN WESTERN MONTANA ...Animal Habitat Studies; Periphyton; Protozoa; Water Quality -general; ...2.0662

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

A STUDY OF THE FACTORS DETERMINING THE OXYGEN UPTAKE OF BENTHAL STREAM DEPOSITS ...Acidity (water); Analysis and Detection; Exchange Capacity; Nitrogen and Nitrogen Cpds.; Nutrients; Size; Water Properties -general; ...2.0675

IDENTIFICATION OF INDICATOR ORGANISMS FOR EVALUATION OF WATER QUALITY ...Bacterial Pollutant Sources; General Recreation Studies; Sanitation; Water Pollutant Identification; Water Quality -general; ...2.0716

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Aquatic Ecology - Animal; Biological Water Properties; Chemical Analysis (water); Data Acquisition; Fish; Organic Water Properties; Pollution Effects -see Water; Survey Studies (water); ...2.0731

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora, Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Chlorine; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics - general; Rural Areas; Size; ...2.0776

BIOLOGICAL STREAM SURVEILLANCE ...Benthic Organisms - nonspecific; Ecological Effects; Survey Studies (water); Taxonomy -plant; West Virginia; ...2.0850

ARTIFICIAL SUBSTRATE SAMPLERS AS INDICATORS OF WATER QUALITY ...Bioindicators; Circulation (water); Currents (water); Periphyton; Statistics; Water Pollutant Identification; ...2.0860

COLD WATER STUDIES - WALLUM LAKE ...Acidity (water); Data Reduction and Analysis; Lakes; Lime Treatment; Neutralization; Rhode Island; ...2.1095

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

LIMESTONE DRUM PRODUCTIVITY STUDY-LIMNOLOGICAL STUDY ...Acidity (water); Benthic Fauna; Lakes; Limestone-general; Salmonidae; ...2.1132

MICROFUNGI IN THE WATER, LITTER AND MUD OF A CATTAIL MARSH BORDERING LAKE BUTTE DES MORTS ...Fungal Pollutant Sources; Fungi -nonspecific; Lower Plants; Swamps - Marshes; Water Pollution Abatement; Wisconsin; ...2.1139

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Core Analysis; Fish and Shellfish; Lumbering - general; Pulp and Paper Wastes; Sedimentation; Temperature (water); Water Pollution Effects; ...2.1496

EFFECTS OF ALTERNATE BLOCK CUTTING ON STREAMBED SEDIMENTATION & WATER TEMPERATURES IN BUMMER LAKE CREEK, DEL NORTE COUNTY, CALIFORNIA ...Animal Habitat Studies; California; Fish and Shellfish; Forest Watersheds; Lumbering -general; Salmonidae; Temperature (water); ...2.1497

INVESTIGATION OF THE EFFECTS OF COMMERCIAL HYDRAULIC CLAM DREDGING ON VARIOUS BOTTOM HABITATS OF SELECTED ESTUARINE AREAS ...Animal Habitat Studies; Benthic Organisms -nonspecific; Clams; Environmental Ecology; Mans Pollutional Activities; Sediments; ...2.1533

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Environmental Ecology; Insects - Beneficial; Lumbering -general; Ponds; Range Or Territorial Distr.; Temperature (water); ...2.1543

EFFECTS OF FEEDLOT RUNOFF ON FISH FOOD ORGANISMS IN THE COTTONWOOD RIVER ...Agricultural Runoff; Aquatic Ecology - Animal; Fish and Shellfish; Industrial Wastes; Kansas; Water Pollutant Identification; ...2.1558

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - BENTHOS DISTRIBUTION ...Benthic Organisms -nonspecific; Contamination - Water; Ecological Effects; Effluents - Waste Water; Industrial Wastes; Tennessee River; Vertical Distribution; ...2.1562

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Aquatic Soils; Atomic Absorption; Chemical Analysis (water); Effluents - Waste Water; Industrial Wastes; Water Pollution Effects; ...2.1563

AN ENVIRONMENTAL SURVEY OF THE DAMARISCOTTA RIVER ESTUARY, LINCOLN COUNTY, MAINE ...Core Analysis; Estuaries; Maine; Salinity (water); Sewage; ...2.1570

SECONDARY PRODUCTION IN RUNNING-WATER ECOSYSTEMS ...Animal Habitat Studies; Animal Productivity; Ecological Effects; Management (water); Plant Productivity - general; ...2.1601

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

LARGEMOUTH BASS REPRODUCTION STUDY ...Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

PESTICIDE KINETICS ...Degradation; Environment Accumulation Rates; Marine Biology - General; Pesticide Residues; Pesticides - see Pesticide; Tidewater Areas; Water Standards & Baselines; ...4.0024

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds; Chemical Analysis; Ecological Effects; Environmental Ecology; Fish; Lakes; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

Brackish Water

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality -general; Water Table - Depth of; ...2.0096

EUTROPHICATION TIDAL WATERS ...Algal Physiology; Estuaries; Marine Plants; New York; Optical Properties of Water; Tidewater Areas; ...2.0262

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

TAXONOMY AND BIOLOGY OF SLUDGE WORMS ...Annelida; Aquatic Ecology - Animal; Fresh Water; Taxonomy -animal; Water Pollutant Identification; ...2.0507

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Estuaries; Geology -general; River Basins; Soil Tillage; Water Depth; Water Levels; Water Table; Wind; ...2.0558

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy - plant; Water Pollutant Identification; ...2.0747

ION SELECTIVE ELECTROCHEMICAL SENSORS ...Detectors and Sensors; Electrochemistry; Salt Water; Water Pollutant Identification; ...2.0820

SALT-WATER ENCROACHMENT IN THE BRUNSWICK AREA, GEORGIA ...Aquifers; Chlorine; Georgia; Saline Water Intrusion; Water Quality Control -general; Water Table; Water Wells; ...2.0890

BRACKISH WATER PURIFICATION BY BIOLOGICAL FUEL CELL POWERED ELECTRODIALYSIS ...Desalination; Effluents - Waste Water; Electrodialysis; Microorganisms -nonspecific; Salt Water; Water Costs; ...2.0917

REDUCTION OF SALT CONTENT OF FOOD PROCESSING LIQUID WASTE EFFLUENT ...Food Processing Wastes; Ion Exchange; Waste Material Recovery; Waste Treatment Economics; ...2.1165

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Desalination; Electrodialysis; Irrigation; Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1804

Brazil

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Florida; Marine Plants; Plant Distribution; Plant Population Dynamics -gen; Protozoa; Taxonomy -plant; Water Quality - general; ...2.0542

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

RADIOCHEMICAL AND RADIOECOLOGICAL STUDIES ON BRAZILIAN AREAS OF HIGH NATURAL RADIATION - CHROMOSOMAL ABERRATIONS SURVEY ...Environmental Effects - Human; Radiation Effects - Biological; Radioactivity Studies -general; Radiologic Health; ...5.0101

AREA PROGRAM IN POPULATION GENETICS ...Atomic Bomb; Computer Methods -general; Demography; Japan; Population - Growth; Venezuela; ...5.0403

WHOLE BODY COUNTING OF POPULATION LIVING IN AREAS OF HIGH NATURAL RADIOACTIVITY ...Dosimetry; Radiation -terrestrial; Radiation Sources -general; Radiation, Whole Body; Radioactivity, Natural; Radiologic Health; Whole Body; ...5.0772

GLOBAL DISTRIBUTION AND INVENTORY OF SR-90 AND OTHER FISSION PRODUCTS ...Australia; Fallout -see Radioactive; Fission Products-see Radioact.; Washington; ...5.0882

Breakwaters

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Coastal Engineering -general; Eutrophic Lakes; Eutrophication; General Recreation Studies; New York; Plant Productivity - general; Turbidity (water); Waves -see Ocean Waves; ...2.0271

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

Bridges and Culverts

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE ...Aircraft Remote Sensing; Chesapeake Bay; Estuaries; Fluorometry; Monolayers; Petroleum Wastes - Spillage; Water Pollutants - Path of; Wind; ...2.0411

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research -general; ...2.0811

Brines

GEOCHEMISTRY OF OILFIELD BRINES ...Analysis and Detection; Bromine; Gas -natural; Mineralogical Water Properties; Origin; Petroleum Wastes - Spillage; Trace Analysis; ...2.0312

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Baseflow; Fresh Water; Groundwater Basins; Permian Period; Saline Water Intrusion; Seepage (water); Tectonics; Water Pollution Sources; ...2.0376

ION SELECTIVE ELECTROCHEMICAL SENSORS ...Brackish Water; Detectors and Sensors; Electrochemistry; Salt Water; Water Pollutant Identification; ...2.0820

EVALUATION OF PUMPING EFFECTS IN MALAGA BEND AREA, NEW MEXICO ...Aquifers; Desalination; New Mexico; Saline Water Intrusion; Seepage (water); Water Table; ...2.0920

REHABILITATION OF A BRINE-POLLUTED AQUIFER ...Agricultural Studies -general; Aquifers; Arkansas; Fluid Properties; Irrigation; Water Pollution Abatement; Water Utilization - domestic; ...2.0962

MINING-POLLUTION CONTROL TECHNOLOGY - OIL PRODUCTION GROUND-WATER RECLAMATION BY SELECTIVE PUMPING ...Groundwater Basins; Petroleum Industry; Petroleum Research; Recovery - Production; Waste Material Recovery; ...2.1082

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils, Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

RECONDITIONING AND REUSE OF FOOD PROCESSING BRINES ...Canning Wastes -see Food Proc.; Filtration; Lagoon; Waste Material Recovery, Waste Treatment Economics; Waste Water Treatment -general; Water Reuse; ...2.1217

DEMONSTRATION OF THE RECONDITION AND RE-USE OF ORGANICALLY CONTAMINATED BRINES FROM CHEMICAL PROCESS INDUSTRIES ...Chemical Manufacturing Wastes; Organic Matter; Recycle Water; Waste Water Treatment -general; ...2.1367

BRINE DISPOSAL DESIGN METHODOLOGY FOR ADVANCED WASTE TREATMENT ...Evaporation; Ponds; Sewage Lagoons; Waste Disposal-see Solid Waste; Waste Water Treatment -general; ...2.1341

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Currents (water); Engineering Structures-general; Mapping, Shoreline Geomorphology; Structural Mechanics; Surveying, Utah; Waves -see Ocean Waves; ...2.1738

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Cooperative Studies, Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing, Temperature; Urban Environment; Washington, Water Quality -general; ...2.1769

RECOVERY OF CHEMICALS AS A MEANS OF BRINE DISPOSAL ...Desalination Wastes; Process Design; Waste Material Recovery; Waste Treatment Economics; ...3.0074

DISPOSAL OF BRINE EFFLUENTS BY CONVERSION TO BY-PRODUCTS ...Desalination Wastes; Ion Exchange; Material Recovery; ...3.0362

British Isles

COMPLETE THE ENGLAND SMOKESHADE - U.S. PARTICULATE COMPARISON STUDY ...Air Pollution -see Specifics; Mathematical Analysis; Particulates - Air Pollution; Statistics; ...1.0101

ATMOSPHERIC POLLUTION BY GASOLINE ENGINES ...Air Pollution; California; Engine; Engines; Gases, Legal Studies; ...1.0151

ANALYZE SAMPLES OBTAINED FROM THE COOPERATIVE STUDY CONDUCTED IN ENGLAND ...Air Pollution Sampling, Air Pollution-chemistry, Combustion; Particulates - Air Pollution; Trace Elements; ...1.0814

RESEARCH TO ELIMINATE AND PREVENT OIL POLLUTION OF THE SEA ...Marine Environments; Oil; Oil Removal; ...2.0394

DEVELOPMENT OF NUCLEAR TECHNIQUES IN THE STUDY OF WATER POLLUTION PROBLEMS ...Radioisotopes; Water Pollutants - Path of; ...2.0827

STABILIZATION OF LOW-GRADE AND WASTE MATERIALS ...Ceramics; Chalky Limestone, Construction Materials; Pavement; Recoverable Materials; Shale; Soil Cement; ...3.0324

USE OF LABELLED PESTICIDES FOR STUDYING TERMINAL PESTICIDES RESIDUES IN CERTAIN TROPICAL PRODUCTS ...Baygon; Foreign Agriculture; Metabolites From Pesticides; Methyl Bromide; Radioisotopes -nonspecific; Residues in Foods; ...4.0493

LABELLED PESTICIDES FOR STUDIES OF RECOVERY OF PESTICIDE RESIDUES BY SOLVENT EXTRACTION OF SPIKED & AGED CEREAL SAMPLES (ABBREV) ...Chemical Analysis; Ddvp, Foreign Agriculture; Malathion; Pesticide Residues in Feeds; Radioisotopes -nonspecific; ...4.0494

STUDIES IN IODINE METABOLISM ...Australia; Digestive System - Human; Iodine; Japan; Radiation Effects - Biological; Radiologic Health; ...5.0920

British West Indies

CONTINENTAL AEROSOLS IN THE MARINE ATMOSPHERE ...Aerosols; Atmospheric Dynamics; Cape Verde Islands; Energy Conversion; Particulates - Air Pollution; Tracers; ...1.0041

Bromine

CHARACTERISTICS OF PARTICULATE EMISSIONS IN AUTO EXHAUSTS - DESIGN AND TEST SIMPLIFIED SAMPLING SCHEME ...Air Pollution Analysis; Air Pollution-chemistry; Cars; Combustion; Particulates - Air Pollution; ...1.0097

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE ...Activation Analysis; Atmospheric Dynamics; Chlorine; Iodine; New Zealand; Trace Elements; Urban Research -general; ...1.0137

CHEMISTRY OF MINERALIZED WATERS ...Arsenic; Chlorine; Fluorine; Geology -general; Iodine; Origin; Water Quality - general; ...2.0311

GEOCHEMISTRY OF OILFIELD BRINES ...Analysis and Detection; Gas -natural; Mineralogical Water Properties; Origin; Petroleum Wastes - Spillage; Trace Analysis; ...2.0312

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering - geologic; ...2.0566

DISINFECTION OF SEWAGE EFFLUENTS ...Bacteria; Chemical Water Properties; Chlorination; Chlorine; Disinfection; Sewage; ...2.1264

FUMIGATED WHEATS--VITAMIN CONTENT OF PRODUCTS, BAKING PERFORMANCE OF FLOURS ...Home Economics, Methyl Bromide; Residues in Foods; ...4.0953

INSECTICIDE RESIDUES FROM EXPERIMENTAL TREATMENTS TO PREVENT OR CONTROL INSECTS IN STORED PRODUCTS ...Chlorine; Food Contamination; Malathion; Pesticide Residues; Piperonyl Butoxide; ...4.1019

ANALYTICAL METHODS FOR PESTICIDES, TIFTON ...Bayer 25141; Carbamates -nonspecific; Chlorinated Hydrocarbons; Fluorine; Gramineae -other; Metabolites From Pesticides; Pesticide Residues; ...4.1021

BROMIDE RESIDUES AND THYROID FUNCTION ...Iodine; Laboratory Animals; Methyl Bromide; Muridae; Pesticide Residues in Feeds; Toxicology; ...4.1039

Bryophyta

THE EFFECTS OF ATMOSPHERIC POLLUTION ON EPIPHYTES ...Air Pollution Monitoring; Idaho; Iron & Steel Industry; Montana; Pseudotsuga; Range Or Territorial Distr.; ...1.0421

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

FERTILITY OF FOREST NURSERY SOILS ...Aluminum; Cold Resistance; Forest Pathology; Maneb; Pesticide Phytotoxicity; Plant Residues, Humus, Compost; Soil Cover Crops; ...4.0517

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout, Sodium; ...5.0075

Bubbles

MECHANISM FOR THE WATER-TO-AIR TRANSFER AND CONCENTRATION OF BACTERIA ...Bacterial Ecology; Bacterial Pollutant Sources; Organic Water Properties, Water Bacteria; ...1.0080

MECHANISM FOR THE CONCENTRATION OF BACTERIA IN JET AND FILM DROPS ...Bacterial Ecology; Bacterial Pollutant Sources, Free Energy, Equilibrium Const; Serratia; ...2.0257

PURIFICATION OF LOW QUALITY WATERS BY FOAM SEPARATION ...Bacteria; Color; Flotation; Foam; Turbidity; Waste Water Treatment -general; ...2.0918

ENRICHMENT OF METALS IN SEAWATER BY FOAM PRODUCTION ...Chemical Mechanisms & Kinetics; Foam; Marine Pollution; Sea Water Chemistry; Trace Elements; Water Chemistry; X-ray Spectroscopy; ...2.1043

REMOVAL OF OIL FROM AQUEOUS WASTES BY FLOTATION ...Flotation; Oil Removal; Petroleum Wastes - Spillage; Water Quality Control -general; ...2.1168

THE ORGANIC CONCENTRATION GRADIENT IN AN AERATION COLUMN ...Aeration (water); Organic Matter; Organic Water Properties; Separation; Surfactants -see Detergents; ...2.1337

Budgeting Analysis

AN ECONOMIC STUDY OF MUNICIPAL SURCHARGES ON INDUSTRIAL WASTES ...Disposal Wastes; Industry; Regression Analysis; Social Aspects; Urban Environment; Waste Treatment; ...2.1359

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Cost Analysis; Desalination; Electrodialysis; Irrigation; Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1804

Building Acoustics -see Noise

THE EFFECT OF A TUNNEL COVER ON SOUND ABSORPTION IN THE TUNNEL ...Noise; Transportation Buildings; Tunnels; ...6.0034

TRAFFIC NOISE STANDARDS ...Noise; Urban Environment; Urban Research -general; Vibration Instruments; ...6.0042

IMPORTANCE OF NOISE AND ITS POTENTIAL EFFECT ON WOOD USE IN GARDEN APARTMENTS ...Building Construction; Construction Materials; Farm Structures & Design; Home Economics; Noise; Residential Buildings; Structural Mechanics; ...6.0057

STUDY OF NOISE PRODUCED BY CONSTRUCTION EQUIPMENT AND BUILDING EQUIPMENT AND HOME APPLIANCES ...Acoustic Instrumentation; Building Construction; Noise; Sound Attenuation Acoustics; ...6.0058

STUDY OF OUTSIDE NOISE GENERATED BY INDUSTRIAL PLANTS ...Manufacturing Buildings; Noise; Noise -see Noise; Sound Attenuation Acoustics; ...6.0059

BARRIERS FOR NOISE ATTENUATION ...Manufacturing Buildings; Structural Mechanics; ...6.0062

THE CLIMATE LABORATORY IN LUND (1967) ...Auditory Stress; Building Construction; Noise; Stressors, Physiological; Temperature & Humidity Effects; ...6.0109

EVALUATION OF CLIMATE ...Air Pollution Analysis; Building Construction; Building Design; Humidity - Water Vapor; Sweden; Temperature; Temperature Stress; ...6.0110

SPECIALIZED ENGINEERING RESEARCH EQUIPMENT - ACOUSTIC NOISE STUDIES ...Noise; Railroads -see Transportation; Structural Mechanics; ...6.0113

SONIC BOOM EFFECTS ...Engineering Mechanics; Noise; Noise Abatement; Structural Mechanics; ...6.0117

Building Construction

MISCELLANEOUS ENVIRONMENTAL ENGINEERING TESTS (P) ...Air Cleaning Devices; Air Conditioning; Building Design; Fluid Mechanics; Temperature Instruments; ...1.0037

WIND TUNNEL STUDIES ...Building Design; Engineering Mechanics; Fluid Mechanics; ...1.0139

VENTILATION DURING TUNNEL CONSTRUCTION ...Air Pollution-chemistry; Dust; Legal Studies-general; Particulate Matter - Air Poll.; Smoke -see Air Pollution; Tunnels; ...1.0140

FEDERAL CONSTRUCTION COUNCIL ...Air Conditioning; Building Design; Building Fire Considerations; Heating Units; ...1.0487

MISCELLANEOUS AIR CLEANER TESTS ...Filters; ...1.0545

AIR TREATMENT FOR ODOR CONTROL IN THE HOSPITAL ...Air Cleaning Devices; Air Pollution -see Specifics; Hospitals; ...1.0548

THE VALUATION COEFFICIENT OWING TO ALTITUDE FOR VEHICULAR SMOKE IN TUNNELS ...Engines; Transportation Buildings; Tunnels; ...1.0704

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Beta Particles; Canals; Dredging; Gamma Spectroscopy; Harbors; Marine Geology; Ocean Meteorological Studies; Radioactivity; Seismology; ...2.0424

UTILITIES IN PERMAFROST FOR MILITARY INSTALLATIONS ...Building Design; Electric Power Plants; Military Buildings; Permafrost - Frozen Soils; Sewage - Domestic; Waste Disposal-see Solid Waste; ...3.0214

HASTY RURAL SHELTERS AND IMPROVISED LIFE-SUPPORT EQUIPMENT ...Building Design; Fission Products-see Radioact.; Pumps; Rural Areas; ...5.0934

VENTILATION, ILLUMINATION, AND NOISE CONTROL IN TUNNELS ...Model Studies; Noise; Traffic Engineering; Transportation Buildings; Transportation Design; Tunnels; ...6.0032

THE DETERMINANTS OF REAL ESTATE VALUES ...Air Pollution -see Specifics; Heating Units; Location Choice; Noise -see Noise; Residential Buildings; Value; Zoning; ...6.0055

IMPORTANCE OF NOISE AND ITS POTENTIAL EFFECT ON WOOD USE IN GARDEN APARTMENTS ...Building Acoustics - see Noise; Construction Materials; Farm Structures & Design; Home Economics; Noise; Residential Buildings; Structural Mechanics; ...6.0057

STUDY OF NOISE PRODUCED BY CONSTRUCTION EQUIPMENT AND BUILDING EQUIPMENT AND HOME APPLIANCES ...Acoustic Instrumentation; Building Acoustics -see Noise; Noise, Sound Attenuation Acoustics; ...6.0058

THE CLIMATE LABORATORY IN LUND (1967) ...Auditory Stress; Noise; Stressors, Physiological; Temperature & Humidity Effects; ...6.0109

EVALUATION OF CLIMATE ...Air Pollution Analysis; Building Acoustics -see Noise; Building Design; Humidity - Water Vapor; Sweden; Temperature; Temperature Stress; ...6.0110

Codes and Standards

GEOLOGY OF URBAN DEVELOPMENT ...Building Design; Environmental Geology; Land Use; New Mexico; Urban Research - general; ...2.1803

Building Design

GASEOUS PLUME DIFFUSION ABOUT ISOLATED STRUCTURES OF SIMPLE GEOMETRY ...Atmospheric and Environmental; Exhaust, Combustion -see Auto; ...1.0030

MISCELLANEOUS ENVIRONMENTAL ENGINEERING TESTS (OA) ...Air Cleaning Devices; Air Conditioning; Temperature Instruments; ...1.0036

MISCELLANEOUS ENVIRONMENTAL ENGINEERING TESTS (P) ...Air Cleaning Devices; Air Conditioning; Building Construction; Fluid Mechanics; Temperature Instruments; ...1.0037

WIND TUNNEL STUDIES ...Building Construction; Engineering Mechanics; Fluid Mechanics; ...1.0139

FEDERAL CONSTRUCTION COUNCIL ...Air Conditioning; Building Construction; Building Fire Considerations; Heating Units; ...1.0487

SMOG ELIMINATION RESULTING FROM BUILDING DESIGN AND CITY PLANNING ...Fluid Mechanics; Photography; Planning; Smoke -see Air Pollution; Surveying; Urban Research - general; ...1.0558

THE DETERMINATION OF GROUND WATER INFILTRATION & THE EFFECTS OF INTERNAL CHEMICAL SEALING OF SANITARY SEWERS ...Groundwater; Infiltration; Pipe; Residential Buildings; Sanitary Sewage Quantity; Sewer Maintenance; Water Table; ...2.1671

GEOLOGY OF URBAN DEVELOPMENT ...Environmental Geology; Land Use; New Mexico; Urban Research -general; ...2.1803

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ...Coastlines - Shorelines; Economic Planning; Mathematical Models; Planning; Regional Economics; Urban Planning; Water Quality -general; ...3.0084

UTILITIES IN PERMAFROST FOR MILITARY INSTALLATIONS ...Building Construction; Electric Power Plants; Military Buildings; Permafrost - Frozen Soils; Sewage - Domestic; Waste Disposal-see Solid Waste; ...3.0214

CENTER FOR ENVIRONMENTAL MANAGEMENT ...Administration and Management; Contamination -see Air & Water; Environmental Effects - Human; Environmental Hazards; Management (water); Pesticide Toxicity -general; Planning; ...4.0980

RADON PROGENY EXPOSURE CONTROL IN BUILDINGS ...Construction Materials; Radiation Injury Prevention; Radioactive Isotopes; Radon; Respiratory Irritants, Inhaled; ...5.0803

HASTY RURAL SHELTERS AND IMPROVISED LIFE-SUPPORT EQUIPMENT ...Building Construction; Fission Products-see Radioact.; Pumps; Rural Areas; ...5.0934

NOISE ...Freeways; Noise; Planning; Traffic Engineering; Urban Research -general; ...6.0064

INTRAMETROPOLITAN RESIDENTIAL MOBILITY ...Air Pollution; California; Environmental Hazards; Floods; Noise; Social Aspects; ...6.0068

EVALUATION OF CLIMATE ...Air Pollution Analysis; Building Acoustics -see Noise; Building Construction; Humidity - Water Vapor; Sweden; Temperature; Temperature Stress; ...6.0110

Building Fire Considerations

FEDERAL CONSTRUCTION COUNCIL ...Air Conditioning; Building Construction; Building Design; Heating Units; ...1.0487

URBAN SCIENCE AND ENGINEERING ...Cost-benefit Analysis; Disposal; Simulation Theory; Urban Research; Urban Research - general; ...3.0246

Bulgaria

STUDIES ON THE EFFECTS OF NEUTRON IRRADIATION ON SEEDS ...Foreign Agriculture; Hordeum Vulgare; Neutron -see Radiation; Plants; Temperature - Air; ...5.0102

Burners

TESTING OF CONVENTIONAL AND EXPERIMENTAL OIL AND GAS BURNERS ...Air Pollution-chemistry; Boilers; Fuels; Furnaces and Incinerators, Heating Units; Nitrogen and Nitrogen Cpds ; Photography; ...1.0096

AIR POLLUTION CONTROL FLUIDIZED VORTEX INCINERATION ...Furnace and Incinerator Design; Furnaces; ...1.0652

FEASIBILITY ANALYSIS OF INCINERATOR SYSTEMS FOR RESTORATION OF OIL CONTAMINATED BEACHES ...Marine Environments; Oil; Oil Removal; Petroleum Wastes - Spillage; ...2.0966

VORTEX INCINERATION OF COMBUSTIBLE WASTES ...incineration; ...3.0292

Buses -see Transportation

CALIFORNIA ASSEMBLY - STEAM BUS ...Costs -see Economics Entries; Engine; Engines; External Combustion Engines; Noise; Spark Ignition; ...1.0017

PRODUCTS OF COMBUSTION OF DISTILLATE FUELS FOR MOTIVE POWER ...Buses; Combustion; Diesel Equipment; Fuels; Nitrogen and Nitrogen Cpds.; Odor; Trucks; ...1.0124

Business, Office Personnel

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation, Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

Calification -vertebrate

TO STUDY THE ENVIRONMENTAL FACTORS AFFECTING REPRODUCTION IN OSPREYS OF FLATHEAD LAKE, MONTANA ...Chemical Analysis; Environmental Physiology; Falconiformes; Montana; Pesticides -nonspecific; ...2.1486

EFFECTS OF CHEMICAL POLLUTANTS ON AVIAN REPRODUCTION ...Birds; Chlorinated Hydrocarbons; Dove; Nutrition; Pesticide Action on Animals, Pesticide in Food Chains; ...4.0767

COLLABORATIVE RESEARCH IN ENZYME INDUCTION BY CHLORINATED HYDROCARBONS IN BIRDS - ITS ECOLOGICAL SIGNIFICANCE ...Air Pollution -see Specifics; Animal Productivity; Bioassay; Chlorinated Hydrocarbons; Falconiformes; Pesticide Action on Animals; Pigeon; ...4.0780

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...DDT; Dibromoethane; Food Contamination; Malathion; Pesticide Residues; Sevin; Tissue Accumulation Rates; ...4.0989

ANIMAL METABOLISM OF FISSION PRODUCTS AND RELATED NUCLIDES ...Beta Particles; Calcium; Ovis; Radioactive Fallout-cf Fallout; Rumen Bacteria; Sun; Yttrium; ...5.0611

California

NUMERICAL MODEL OF THE URBAN ATMOSPHERE ...Advection; Humidity - Water Vapor; Mesometeorology; Rural Areas; Urban Environment; ...1.0007

DIFFUSION AND DISPOSAL OF AIR POLLUTION ...Air Pollution; Atmospheric Dynamics; Mathematical Models; Urban Research -general; ...1.0010

METEOROLOGY FOR URBAN AID POLLUTION ...Air Pollution-chemistry; Applied Climatology; Atmospheric Dynamics; Gases; Oxidants; Urban Research -general; ...1.0023

GEOCHEMICAL EXPLORATION STUDIES OF VOLATILE ELEMENTS ...Arizona; Colorado; Maps -general; Nevada; Utah; ...1.0029

ATMOSPHERIC POLLUTION BY GASOLINE ENGINES ...Air Pollution; British Isles; Engine; Engines; Gases; Legal Studies; ...1.0151

ULTRAVIOLET RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Energy-radiation; Model Studies; Polarization; Transfer Phenomena; Ultraviolet Radiation; ...1.0310

WIND TUNNEL INVESTIGATION OF MICROPHYSICAL PROCESSES IN SUPERCOOLED CLOUDS ...Atmospheric Dynamics; Cloud Physics; Condensation Physics; Nucleation Physics; Wind Tunnels; ...1.0315

THE TOTAL EFFECT OF AIR POLLUTANTS ON BEARING CITRUS ...Air Pollution -see Specifics; Citrus; Fluorine; Fruit, Nut, and Berry Crops; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Response to Env. -ns; ...1.0325

THE CHIRONOMIDAE OF CALIFORNIA ...Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Handbooks; Public Health Ecology; Taxonomy -animal; ...1.0376

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Agricultural Economics; Air Pollution-chemistry; Forest Environment -general; Land Use; Losses Due to Pollution; Recreation, Water Resources; Remote Sensing; Smog; Value; ...1.0456

CARBON MONOXIDE DIFFUSION MODEL ...Air Pollution Monitoring; Atmospheric Dynamics; Cars; Diffusion; Model Studies; Urban Research -general; ...1.0675

EVALUATION & APPLICATION OF CONVAIR IR SPECTROPHOTOMETER FOR LONGPATH ABSORPTION SPECTRA OF OXIDIZING ATMOSPHERE (WEST COAST) (ABBREV) ...Air Pollution Analysis; Analytical Instruments; Infrared Radiation; Oxidizing Atmosphere; Smog; Spectrographic Techniques; ...1.0679

AEROSOL MEASUREMENTS IN LOS ANGELES SMOG ...Aerosols; Air Pollution Analysis; Air Pollution Monitoring; Chemical Analysis -general; Coagulation; Data & Statistics Info Storage; Smog; ...1.0732

FIELD PERFORMANCE EVALUATION AND APPLICATION OF BENDIX OZONE MONITOR TO SMOG ATMOSPHERE IN LOS ANGELES ...Air Pollution Monitoring; Air Pollution-chemistry; Smog; ...1.0751

CONDENSATION NUCLEI AND AEROSOL POPULATIONS RELATED TO FOG FORMATION ...Aerosols; Air Pollution Analysis; Fog - Mist Dissipation; Meteorological Condensation; Nucleation Physics; ...1.0867

PLANKTON COMMUNITY ECOLOGY IN NORTHERN CALIFORNIA LAKES ...Benthic Organisms -nonspecific; Energy Budgets; Forest Watersheds; Lower Plants; Nutrients; Plant Population Dynamics -gen; Water Bacteria; Zooplankton; ...2.0033

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHERN CALIFORNIA ...Bed Load; Channels; Gully Or Channel Erosion; Sediment Yield; Stream Banks; Streams; ...2.0037

VENTURA CALIFORNIA COOP ...Aquifers; Fresh Water; Groundwater Basins; Mapping; Marine Geology; Ocean Profiles; Salinity; Seismology; Tectonic History - Mountains; ...2.0038

SOIL ENGINEERING RESEARCH ...Environmental Hazards; San Francisco Bay; Soil Loads; Tectonics; ...2.0039

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; Deposition-general; Marine Environments; Marine Geology; Mineralogical

Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

WATER QUALITY AND NUTRIENTS, SACRAMENTO-SAN JOAQUIN RIVER SYSTEM ...Animal Productivity; Eutrophication; Fish; Nutrients; Organic Water Properties; Plankton; Tides; ...2.0041

WATERSHED INVESTIGATION, GRASS VALLEY CREEK ...Ecological Effects; Sedimentation; Sediments; Spawn Or Nesting Sites; Water Pollution Sources; Watersheds; ...2.0047

LEAD POLLUTANTS IN NEAR SHORE MARINE ENVIRONMENTS ...Biological Effects; Fish; Lead; Marine Biology - General; Outlets; Sanitary Sewage Quantity; ...2.0049

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Activation Analysis; Cesium; Fish; Marine Animals; Radioactive Fallout; Radioactivity; Sea Water Sampling; Zinc; ...2.0051

SAN FRANCISCO BAY SEDIMENTS ENGINEERING GEOLOGY STUDIES, CALIFORNIA ...Engineering Geology; Mineralogical Properties; Rock Mechanics - Geology; Rocks - Bedrock; Sediment Thickness; Tectonic History - Mountains; Unconsolidated Deposits; ...2.0069

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography-Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

REVIEW OF THE SANTA BARBARA CHANNEL OIL POLLUTION INCIDENT ...Biological Effects; Channels; Contamination - Water; Marine Biology - General; Oil Removal; Petroleum Wastes - Spillage; ...2.0419

ENVIRONMENTAL BIOLOGY OF TOMALES BAY ...Animal Habitat Studies; Bays; Chemical Water Properties; Environment Resistance-animals; Mans Pollutional Activities; Marine Environments; Water Standards & Baselines; ...2.0489

A METHOD FOR ASSESSING THE EXTENT OF POLLUTION FROM STORMWATER RUNOFF FROM AN URBAN AREA ...Benefit-cost Analysis; Sewer Systems; Storm Sewer Quantity; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0490

INSHORE FISHERIES HABITAT EVALUATION AND MONITORING ...Animal Habitat Studies; Ecological Effects; Fishing; Mans Pollutional Activities; Marine Plants; Scuba; Types of Resources; ...2.0491

HYBRID COMPUTER SIMULATION OF GROUND-WATER BASINS ...Computer Models; Data Networks; Development of Models; Groundwater; Simulation Theory; Training Grants; Fellowships; Water Quality Control -general; ...2.0492

ULTRAVIOLET ABSORPTION IN COASTAL WATERS ...Algae - nonspecific; Coastlines - Shorelines; Organic Matter; Plant Productivity -general; Ultra Violet Radiation; ...2.0493

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl - nonspecific; Wildlife Habita Management; ...2.0495

SEISMOLOGICAL STUDIES - SANTA BARBARA ...Channels; Faults - Geology; Petroleum Wastes - Spillage; Recovery - Production; Seismology; Tectonics; ...2.0498

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Brazil; Florida; Marine Plants; Plant Distribution; Plant Population Dynamics -gen; Protozoa; Taxonomy -plant; Water Quality - general; ...2.0542

DETECTION, IDENTIFICATION, AND DETERMINATION OF OILS, TARS, AND SLIMES BY REFLECTANCE SPECTROSCOPY ...Chemical Properties; Internal Reflection; Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0630

HYDROLOGY OF CACHUMA RESERVOIR ...Aeration (water); Oxygen Content (water); Plant Population Dynamics -gen; Soil Tillage; Taste & Odor of Water; Water Quality -general; Water Utilization -domestic; ...2.0878

SAN FRANCISCO BAY ...Bathymetry; Marine Biology - General; Marine Pollution; San Francisco Bay; Sea Water Properties; Sedimentary History; Water Quality -general; ...2.0970

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish; Marine Animals; Marine Environments; Marine Photography-Television; Ocean Circulation -general; Ocean Currents; Pacific Ocean; Radioactivity; Vertical Distribution; ...2.0972

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...Data Reduction and Analysis; Forecasting - Prediction; Groundwater; Land Use; Mans Pollutional Activities; Sewage; Waste Disposal-see Solid Waste; Water Quality -general; ...2.1054

DRAIN DESIGN FOR NITRATE REDUCTION IN GROUND WATER ...Drainage Engineering; Nitrogen and Nitrogen Cpds.; Soil Organic Content; Water Table - Depth of; ...2.1171

ECOLOGICAL AND PHYSIOLOGICAL IMPLICATIONS OF GREENBELT IRRIGATION ...Fire Prevention; Groundwater; Irrigation; Plant Ecology -nonspecific; Sewage; Waste Disposal on Soils; ...2.1189

BOD, SOLIDS AND NUTRIENT REMOVAL FROM SECONDARY EFFLUENT BY FOAM FRACTIONATION ...Biochemical Oxygen Demand; Denitrification -see Nitrogen; Foam; Pilot Plants; Recycle Water; ...2.1193

USE OF GRANULAR ACTIVATED CARBON IN TREATMENT OF WASTE WATERS ...Nitrogen and Nitrogen Cpds.; Photometry; Thermal Regeneration; Waste Water Treatment - general; ...2.1368

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Aquatic Plants -nonspecific; Fish; Fishing; Pollution Effects -see Water; Recreation, Water Resources; Spawn Or Nesting Sites; Water Pollution Effects; ...2.1471

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Core Analysis; Fish and Shellfish; Lumbering -general; Pulp and Paper Wastes; Sedimentation; Temperature (water); Water Pollution Effects; ...2.1496

EFFECTS OF ALTERNATE BLOCK CUTTING ON STREAMBED SEDIMENTATION & WATER TEMPERATURES IN BUMMER LAKE CREEK, DEL NORTE COUNTY, CALIFORNIA ...Animal Habitat Studies; Fish and Shellfish; Forest Watersheds; Lumbering -general; Salmonidae; Temperature (water); ...2.1497

ABUNDANCE AND COMPOSITION OF DEEP AND SHALLOW WATER MACROPLANKTON AND LITTORAL FISH POPULATIONS IN AND ABOUT THE SANTA BARBARA CHANNEL ...Animal Habitat Studies; Biological Effects; Channels; Hippolyte; Osteichthyes -other; Plankton Sampling; Scorpaenidae; ...2.1501

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Amphibious Plants; Biological Effects; Cirripedia; Contamination - Water; Marine Animals; Marine Environments; Petroleum -see Oil; Plant Habitat Studies; ...2.1502

A SYSTEM APPROACH FOR INTEGRATING GROUNDWATER AND SURFACE-WATER USE ...Groundwater; Systems Analysis - Water Mgmt; Waste Water Treatment -general; Water Quality - general; Water Utilization -general; ...2.1787

EVALUATION OF GROUNDWATER RESOURCES, LIVERMORE VALLEY, CALIFORNIA ...Flow Characteristics (water); Management (water); Model Studies; Soil Tillage; Water Quality - general; ...2.1789

MEASUREMENT AND MANAGEMENT ASPECTS OF WATER TOXICOLOGY ...Analysis and Detection; Biological Effects; Chemical Analysis (water); Food Contamination; Plant Food Chains; Thermal Pollution; Training Grants, Fellowships; ...2.1793

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Contamination - Water; Marine Animals; Marine Biology - General; Marine Environments; Marine Geology; Marine Pollution; Oil; Pacific Ocean; Sea Water Mass & Ocean Fronts; Ships and Cruises; ...2.1794

PALO ALTO, SAN MATEO, AND MONTARA MOUNTAIN 7.5-MIN. QUADRANGLES AND VICINITY, CALIFORNIA ...Borehole Geophysics; Data Acquisition; Environmental Geology; Rock Mechanics - Geology; Surficial Geology Studies; ...2.1797

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Desalination; Electrodialysis; Irrigation; Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1804

CHEMICAL REACTIONS OF WOODS AND BARKS ...Combustion; Fuels; Industrial Wastes; Pulp and Paper Wastes; Pulpwaste; Water Chemistry; Wet Oxidation; ...3.0065

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...Data Reduction and Analysis; Fluid Mechanics; Ocean; Ocean Waves -see Waves; Pacific Ocean; Salinity; Sewer Systems; Thermal Properties; ...3.0068

CHARACTERIZATION OF THE ACTIVATED SLUDGE PROCESS AT THE HYPERION TREATMENT PLANT ...Activated; Model Studies; Waste Water Treatment -general; Water Purification; ...3.0071

BIOTELEMETRY AS A TOOL FOR PESTICIDE INVESTIGATIONS ...Animal Distribution; Mark, Tag Or Capture; Pesticide Safety Measures; Pheasant; ...4.0567

INTRAMETROPOLITAN RESIDENTIAL MOBILITY ...Air Pollution; Environmental Hazards; Floods; Noise; Social Aspects; ...6.0068

Canada

AN EVALUATION OF THE HEALTH EFFECTS OF AIR POLLUTION IN ALBERTA ...Air Pollution -see Specifics; ...1.0184

ENVIRONMENTAL RADIOACTIVITY AND TRACE ELEMENTS IN MAN ...Air Pollution -see Specifics; Lead; Mineralization; Puerto Rico; Radium; ...1.0196

THE EFFECTS OF ATMOSPHERIC POLLUTION ON EPIPHYTES ...Air Pollution Monitoring; Bryophyta; Idaho; Iron & Steel Industry; Montana; Pseudotsuga; Range Or Territorial Distr.; ...1.0421

THE APPLICATION OF THE DIFFRACTION SIZE FREQUENCY ANALYSER TO THE ASSESSMENT OF DUST HAZARDS IN CANADIAN INDUSTRY ...Air Pollution Sampling; Dust; Occupational Hazards; Particulates - Air Pollution; ...1.0681

TRACE ELEMENTS IN GRAND RIVER AND LAKE ERIE ...Lake Erie; Nutrients; Water Pollutant Identification; ...2.0054

AN ASSESSMENT OF RADIOACTIVE FALLOUT ...Lake Deposits; Lakes; Radioactive Fallout; Sedimentation; ...2.0055

GEOCHEMISTRY-MINERALOGY OF THE MACKENZIE RIVER ...Adsorption Capacity; Chemical Water Properties; Geochemical Analysis (water); Polar Oceanic Areas; Suspension; ...2.0056

STUDY OF CAUSES AND CONTROL OF GROUND WATER INFILTRATION INTO SEWERS ...Infiltration; Overflow -see Fluid Mechanics; Sewer Systems; Survey Studies (water); ...2.0123

DDT IN SNOW FALLEN AT HIGH ALTITUDE SINCE 1950 ...Air Pollution; Chemical Analysis; DDT; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Snow; Water Pollutants - Path of; ...2.0405

THE DEGREE OF FECAL POLLUTION IN THE WATER OF REGIONS OF THE EASTERN DISTRICTS, BY A NEW COMBINED CHEMICAL-MICROBIOLOGICAL METHOD ...Coliforms -nonspecific; Industrial Wastes; Lead; Mercury; Sewage; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0506

LAKE CURRENTS AND DIFFUSION PROCESSES ...Dispersion (water); Fluid Mechanics; Petroleum Wastes - Spillage; Water Pollutants - Path of; ...2.0975

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Foreign Agriculture; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Sewage; Water Pollution Abatement; Water Quality -general; ...2.1196

LIGHT EXTINCTION IN LAKE WATERS ...Eutrophication; Lakes; Optical Properties of Water; ...2.1503

DISTRIBUTION AND ECOLOGY OF RIVER MOLLUSKS IN CENTRAL AND WESTERN NORTH DAKOTA ...Animal Distribution; Atlantic Ocean; Chlorine; Molluscs; Paleontology; Pollution Effects -see Water; Water Pollution Effects; ...3.1667

OPTIMIZATION OF SEWER SYSTEMS ...Location; Optimization, Economic; Outlets; Sanitary Sewage Quantity; Sewer Systems; Storm Sewer Quantity; Urban Environment; ...3.0080

SEWER SYSTEM DESIGN, CONSTRUCTION AND MAINTENANCE PRACTICES AND EVALUATION ...Benefit-cost Analysis; Sewer Maintenance; Sewer Systems; Systems Analysis - Water Mgmt; Urban Environment; Urban Research -general; ...3.0081

AERATED LAGOONS & ANAEROBIC REACTORS - A FIELD & LAB STUDY OF THEIR EFFICIENCIES & DESIGN PRINCIPLES IN SEWAGE TREATMENT ...Aeration (water); Anaerobic Wastewater Treatment; Farm Animal Wastes; Process Design; Sewage Lagoons; ...3.0083

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ...Building Design; Coastlines - Shorelines; Economic Planning; Mathematical Models; Planning; Regional Economics; Urban Planning; Water Quality -general; ...3.0084

AERATED SEWAGE LAGOON INVESTIGATION - BOISSEVAIN ...Aeration (water); Economic Efficiency; Sewage - Domestic; Sewage Lagoons; Waste Water Treatment -general; ...3.0089

EVALUATION OF THE APPLICABILITY OF AERATED LAGOONS FOR SEWAGE TREATMENT ON THE CANADIAN PRAIRIES ...Activated; Aeration (water); Economic Efficiency; Lagoon; Sewage - Domestic; Sewage Lagoons; Waste Treatment Economics; ...3.0090

CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PESTICIDE MANUFACTURING WASTES ...Bibliography; Contamination - Water; Literature Search; Pesticide Industry; Pesticides, Pesticides -see Pesticide; ...4.0986

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Foods; Polar Regions; Radiologic Health; Residues in Foods, Sub - Polar Regions; ...4.1008

STUDIES IN IODINE METABOLISM ...Australia; British Isles; Digestive System - Human; Iodine; Japan; Radiation Effects - Biological; Radiologic Health; ...5.0920

Canals

EFFECT OF COPPER SULFATE ON AQUATIC WEEDS ...Alkalinity (water); Copper Sulfate; Irrigation; Pesticide Application Rates; Pesticide Formulation; Temperature (water); Water Pollution Sources; ...2.0060

FIELD INVESTIGATION OF THE SUBMERSED AQUATIC ENVIRONMENT ...Algae - Chlorophyta; Aquatic Ecology - Animal; Irrigation; Physical Water Properties; Soil Chemical Properties; ...2.0072

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

BEHAVIOUR OF CERTAIN RADIONUCLIDES IN THE AQUATIC ECOLOGY OF ISMAILIA CANAL ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Ecological Effects; Radioisotopes; United Arab Republic; Water Pollution Sources; ...2.0393

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Beta Particles; Dredging; Gamma Spectroscopy; Harbors; Marine Geology; Ocean Meteorological Studies; Radioactivity; Seismology; ...2.0424

SIMULATION OF WATER QUALITY IN STREAMS AND CANALS ...Biochemical Oxygen Demand; Flood Routing; Mineralogical Water Properties; River Basins; Texas; ...2.0808

MULTI-BASIN WATER QUALITY SIMULATION ...Flood Routing; Land Use; Texas; Water Costs; Water Standards & Baselines; ...2.0810

GRAND VALLEY SALINITY CONTROL ...Colorado River; Linings - Pavings; Salinity (water); Water Quality Control - general; ...3.0985

TRANSIENT FLOW MODEL FOR BETTER WATER QUALITY CONTROL, KENTUCKY RESERVOIR ...Electric Power Plants; Energy Conversion; Forecasting - Prediction; Mathematical Models; Reservoirs and Impoundments; Water Quality Control - general; ...2.1097

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Texoran; ...4.0013

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Concentrates; Diquat; Fish; Granules; Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0946

Cancer

RADIATION STUDIES ON CELL POPULATIONS ...Cell Injury and Autolysis; Ionizing Radiation -see Rad.; Radiation; Radiation Injury Prevention; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0107

PROTECTION FROM LONG-TERM EFFECTS OF IRRADIATION ...Chemical Carcinogenesis; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0109

COMPARISON OF ULTRA-VIOLET AND X-RAY DAMAGE IN THE PROGENY OF IRRADIATED CELLS - STUDY OF PROTEIN AND RNA SYNTHESIS IN OEDOGONIUM ...Algae - Chlorophyta; Algal Physiology; Cell Injury and Autolysis; Radiation; Ultra Violet Radiation; ...5.0186

FACTORS INFLUENCING THE RADIOSENSITIVITY OF ANIMAL TUMOURS ...Mammals -nonspecific; Radiation Sensitivity -man; ...5.0189

IRRADIATION AND TISSUE-LOCALIZING RESPONSE ...Bacteria -nonspecific; Rabbits; Radiation Effects - Biological; Toxic Substances; X and Gamma Rays; ...5.0226

FUNCTIONAL EFFECTS OF IONIZING RADIATION ON THE CENTRAL NERVOUS SYSTEM IN MAN ...Psychology; Radiation Effects - Biological; X and Gamma Rays; ...5.0239

MECHANISMS OF LOCAL CARCINOGENESIS - RADIATION, PLASTIC FILMS, AND OTHER AGENTS ...Beta Particles; Canidae; Plastics; Radiation Carcinogenesis; Radiation Sensitivity -man; ...5.0269

CELLULAR EFFECTS OF RADIATION AND CHEMOTHERAPY ...Muridae; Radiation; Radiation Sensitivity -man; ...5.0301

RADIATION AND RADIOBIOLOGY RESEARCH CENTER ...Cell Injury and Autolysis; Hyperthermal; Radiation; Radiation Effects - Biological; Radiation Sources -general; Research Facilities; X and Gamma Rays; ...5.0354

RADIATION EFFECTS ON MAMMALIAN TUMOR CELLS ...Cellular Repair Mechanisms; Neutron -see Radiation; Radiation; Radiation Sensitivity -man; Radiation, Lethal Dose; Radiation, Low Level; X and Gamma Rays; ...5.0360

PROLIFERATION AND DIFFERENTIATION OF STEM CELLS ...Cytotoxin; Muridae; Radiation; Radiation Effects - Biological; ...5.0382

THE EFFECT OF IRRADIATION ON THE BIOCHEMICAL CHANGES OF MAMMALIAN CELLS IN THE ABSENCE AND PRESENCE OF PARTICULATE MATERIAL ...Aldehydes -nonspecific; Cell Injury and Autolysis; Phagocytosis; Radiation; Radiation Sensitivity - man; Radiation, Low Level; X and Gamma Rays; ...5.0388

MATHEMATICAL BIOLOGY OF NEOPLASTIC GROWTH ...Population - Growth; Radiation Sensitivity -man; Radiation, Lethal Dose; Tumor Pathology; ...5.0417

INFLUENCE OF HIGH LET RADIATIONS ON DIVISION DELAY AND SURVIVAL OF MAMMALIAN CELLS IN VITRO ...Cellular Repair Mechanisms; Cobalt; Ionic Effect; Neutron -see Radiation; Vertebrates Excl. Man; X and Gamma Rays; ...5.0461

RNA SYNTHESIS IN MAMMALIAN CELLS AFTER RADIATION ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation; Radiation Sources -general; ...5.0474

RESPONSE OF LIVING CELLS TO HIGH INTENSITY PULSED ELECTRONS AND EXAMINATION OF OXYGEN DIFFUSION KINETICS IN CELLS ...Anoxia and Hypoxia; Metabolism and Biochemistry; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0491

THEORETICAL INVESTIGATION OF ELECTRON LET SPECTRA AND DOSE RELATIONSHIP FOR IONIZING RADIATIONS ...Beta Particles; Dosimetry; Metabolism and Biochemistry; Permeability; Radiation Chemistry -biophys.; Spectrographic Techniques; ...5.0492

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cellular Biosynthesis; Cellular Viability; Genes; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

LYMPHOCYTE MIGRATION AND KINETICS IN EXPERIMENTAL ANIMALS ...Bos; Cellular Biosynthesis; Radiation Effects - Biological; Radioisotopes -nonspecific; ...5.0520

RECOVERY OF IRRADIATED MAMMALIAN CELLS ...Cellular Repair Mechanisms; Cellular Viability; Radiation; Radiation, Lethal Dose; ...5.0525

RESPONSE OF CELLS TO MAGNETIC FIELDS AND X-RAYS ...Magnetic Fields -bioeffects; Radiation Injury Prevention; ...5.0572

DOSE-TIME FACTORS INFLUENCING CELLULAR RADIOSENSITIVITY ...Anoxia and Hypoxia; Cell Injury and Autolysis; Mammals -nonspecific; Radiation Sensitivity -man; X and Gamma Rays; ...5.0624

RADIOBIOLOGY AND NEOPLASIA - MORPHOLOGIC ASPECTS - HISTOPATHOLOGIC STUDIES ...Gallium; Injury and Shock; Radiation Effects - Biological; Whole Body; ...5.0627

RADIATION RESPONSE OF IN VITRO MAMMALIAN CELLS ...Cellular Model Systems; Cellular Viability; Ionizing Radiation - see Rad.; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0693

THE RADIOBIOLOGY OF NORMAL TISSUES ...Cellular Repair Mechanisms; Healing; Radiation; X and Gamma Rays; ...5.0696

RADIATION EFFECT ON PROTEIN & NUCLEIC ACID METABOLISM ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation Injury Prevention; X and Gamma Rays; ...5.0767

BIOCHEMICAL ASSAYS IN RADIATION RESPONSE ...Biochemical Analysis - Tissues; Mammals -nonspecific; Radiation Effects - Biological; ...5.0794

BETATRON DOSIMETRY ...Beta Particles; ...5.0795

DEPTH DOSE PARAMETERS FOR FAST NEUTRONS IN TISSUE ...Dosimetry; Fast Neutrons; Mammals -nonspecific; Neutron -see Radiation; Radiation Injury Prevention; Yeasts -nonspecific; ...5.0797

U.S. PARTICIPATION IN FOURTH INTERNATIONAL CONGRESS OF RADIATION RESEARCH ...Meetings; Radiation Effects - Biological; ...5.0807

PHYSICAL AND BIOLOGICAL INVESTIGATIONS OF HIGH ENERGY RADIATION DIRECTED MAINLY TOWARD THERAPY ...Beta Particles; Computer Methods -general; Facilities; Radiation Effects - Biological; Radiation Shielding; X and Gamma Rays; ...5.0833

RADIOPROTECTIVE AND TUMORICIDAL EFFECTS OF TWO NEUROTROPIC DRUGS ...Cellular Viability; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation, Lethal Dose; Radiation, Whole Body; Tumor Pathology; ...5.0836

SERUM OSMOLALITY AND INTRACRANIAL PRESSURE ...Radioisotopes -nonspecific; Whole Body; ...5.0837

EVALUATION OF THERMOLUMINESCENT DOSIMETERS AS A HEALTH PHYSICS TOOL ...Dosimetry; Occupational Hazards; Radiologic Health; X and Gamma Rays; ...5.0846

RADIOLOGICAL PHYSICS ...Radioisotopes -nonspecific; Radiologic Health; ...5.0851

CLINICAL AND HEMATOLOGIC STUDIES OF IRRADIATION - CLINICAL AND LABORATORY CHANGES AFTER TOTAL-BODY IRRADIATION ...Injury and Shock; Radiation, Low Level; Radiation, Whole Body; ...5.0922

Biological Basis

EFFECTS OF FRACTIONATED EXPOSURES OF CULTURED MAMMALIAN CELLS TO ULTRA-VIOLET RADIATION ...Radiation, Radiation Effects - Biological; Ultra Violet Radiation; ...5.0187

CELLULAR RESPONSES TO IRRADIATION ...Cellular Biosynthesis; Cricetus; Radiation Sensitivity -man; X and Gamma Rays; ...5.0208

CELL KINETICS OF IRRADIATED SKIN ...Hydrogen; Radiation; X and Gamma Rays; ...5.0479

RADIOBIOLOGY RESEARCH PROGRAM ...Injury and Shock; Radiation Sensitivity -man; Radiation Sources -general; ...5.0583

RESPONSE OF PIGMENT CELLS TO X- AND UV-RADIATIONS ...Radiation; Radiation Sensitivity -man; Ultra Violet Radiation; Vertebrates -nonspecific; X and Gamma Rays; ...5.0654

IRRADIATION PROTECTION AND HISTOCOMPATIBILITY ...Immunology; Muridae; Radiation Injury Prevention; Radiation Sources -general; ...5.0689

RECOVERY PROCESSES IN AN AMEBOID CELL ...Cellular Viability; Protozoa; Radiation; Ultra Violet Radiation; ...5.0850

ENDOTOXIN EFFECTS ON MOUSE COLONY-FORMING UNITS ...Bacteria -nonspecific; Bacterial Endotoxins; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation Sources -general; Radiation, Whole Body; ...5.0901

Cancer Immunology

PROTECTION FROM LONG-TERM EFFECTS OF IRRADIATION ...Cancer; Chemical Carcinogenesis; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0109

RADIOBIOLOGIC STUDIES ON TUMOR TRANSPLANTATION AND IMMUNE PROCESSES ...Dose Rate, Dose Fractionation; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0300

EFFECT OF X-RAY ON RESISTANCE TO LEUKEMIA IN MICE ...Muridae; Radiation Sensitivity -man; Radiation, Whole Body; X and Gamma Rays; ...5.0389

Chemical Carcinogenesis

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Catalysis; Combustion; Fire Research -see Forest Fire; Food Contamination; Fuels; Mass Spectroscopy; Pyrolysis; Thin Layer Chromatography; ...1.0149

EVALUATION OF CARCINOGENIC AGENTS IN CIGARETTE SMOKE ...Air Pollution -see Specifics; Bioassays; Biochemical Analysis - Tissues; Petroleum Cpds. -nonspecific; Tobacco - cigarettes; ...1.0225

MODE OF ACTION OF ALKYLATING CARCINOGENS ...Air Pollution -see Specifics; Muridae; Occupational Hazards; ...1.0233

CARCINOGENIC AND MUTAGENIC STUDIES ON ATMOSPHERIC POLLUTANTS ...Air Pollution; Air Pollution -see Specifics; Chemical Mutagenesis; Environmental Carcinogenesis, Epidemiology; Muridae; Respiratory Irritants, Inhaled; ...1.0264

COLLECTION OF DATA RELATED TO THE CARCINOGENIC POTENTIAL OF HYDROCARBONS & ASSOCIATED POLLUTANTS COLLECTED DIRECTLY FROM THE AIR (ABBREV) ...Air Pollution; Air Pollution -see Specifics; Air Pollution-chemistry; Mammals -nonspecific; Respiratory Irritants, Inhaled; ...1.0265

OCCUPATIONAL HEALTH HAZARDS OF RUBBER DUST ...Air Pollution -see Specifics; Cercopithecoidea; Elastomers; Medical, Dental Materials; Occupational Hazards; Toxicology; ...1.0287

ANALYTICAL METHODS FOR AROMATICS IN AUTO EXHAUST ...Air Pollution-chemistry; Combustion; Gas Chromatography; Trace Analysis; ...1.0739

LIQUID CHROMATOGRAPHY STUDIES ...Air Pollution -see Specifics; Air Pollution-chemistry; Biochemical Analysis - Tissues; Chromatography; Column Chromatography; Liquid Chromatography; ...1.0793

PREPARATION AND BIOASSAY OF SMOKE CONDENSATE FROM TOBACCO SAMPLES ...Bioassays; Co-carcinogenesis; Maleic Hydrazide; Nicotiana; Pesticide Rates -general; Tobacco - cigarettes; Tween-80 -see Surfactants; ...4.0405

CARCINOGENESIS BIOASSAY OF PESTICIDES AND OTHER ENVIRONMENTAL AGENTS ...Animal Resistance; Bioassays, Food Contamination; Muridae; Pesticide Action on Animals; Pesticides -nonspecific; Tumor Pathology; ...4.0624

EXPANDING REPORT ON EFFECTS OF PESTICIDES ...Experimental Teratology; Microorganisms -nonspecific; Pesticide Toxicity -general; Pesticide Toxicity in Humans; Pesticides -nonspecific; Toxicology; ...4.0646

CONSULTING IN APPLIED MATHEMATICS AND STATISTICS ...Consultants, Advisory Services; Epidemiology; Mathematical Models; Pesticide Toxicity in Humans; Statistics; ...4.0647

SUBLIMINAL PHARMACOLOGY AND CARCINOGENESIS ...Cell Injury and Autolysis; Cytotoxin; Environmental Carcinogenesis; Food Contamination; Mammals -nonspecific; Toxicology; ...4.0659

METABOLISM AND PHYSIOLOGICAL ASPECTS OF INGESTED HYDROCARBONS ...Co-carcinogenesis; Digestive System - Human; Laboratory Animals; Muridae; Pesticide Action on Animals; Piperonyl Butoxide; ...4.0781

THE TOXICOLOGICAL ACTION OF ORGANOPHOSPHATES AND CARBAMATES ...Air Pollution -see Specifics; Experimental Teratology; Laboratory Animals; Muridae; Pesticide Action on Animals; Sevin; ...4.0881

CARCINOGENESIS BIOASSAY RESOURCE FOR FEEDING TESTS IN RODENTS ...Air Pollution -see Specifics; Bioassays; Environmental Carcinogenesis; Muridae; Pesticides -nonspecific; ...4.0887

BIOASSAY OF SUCKER CONTROL CHEMICALS AND PESTICIDE RESIDUE ON LEAF TOBACCO ...Bioassay; Carbon; Maleic Hydrazide; Nicotiana; Pesticide Residues; Tobacco Products &/or Smoking; Tween-80 -see Surfactants; ...4.0968

ENVIRONMENTAL OCCURRENCE OF N-NITROSO COMPOUNDS ...Air Pollution -see Specifics; Bioassays; Biochemical Analysis - Tissues; Food Contamination; Mammals -nonspecific; Toxicology; ...4.1044

BIO-ASSAY OF SMOKE CONDENSATE FROM TOBACCO TREATED WITH AGRICULTURAL CHEMICALS ...Bioassays; Pesticide Toxicity in Humans; Pesticides -nonspecific; Rodentia - other; Tobacco -cigarettes; ...4.1077

PROTECTION FROM LONG-TERM EFFECTS OF IRRADIATION ...Cancer; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0109

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Cricetus; Experimental Teratology; Fish; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

THE INTERACTIONS BETWEEN ALPHA RADIATION AND CHEMICAL CARCINOGENS IN EXPERIMENTAL LUNG CANCER ...Alpha Particles; Co-carcinogenesis; Mammals -nonspecific; Radiation Carcinogenesis; Radiation Effects - Biological; Respiratory Disease; ...5.0383

EXPERIMENTAL RADIATION CARCINOGENESIS ...Beta Particles; Co-carcinogenesis; Muridae; Neutron -see Radiation; Radiation Carcinogenesis; Radiation Sensitivity -man; Radiation, Low Level; ...5.0531

VIRUS ACTIVATION IN RADIATION AND CHEMICAL CARCINOGENESIS ...Co-carcinogenesis; Radiation; Radiation Carcinogenesis; Viral Carcinogenesis; X and Gamma Rays; ...5.0649

EFFECTS OF IRRADIATING SKIN ...Co-carcinogenesis; Muridae; Radiation Carcinogenesis; Sun; ...5.0743

INHALATION HAZARDS TO URANIUM MINERS, BIOLOGICAL STUDIES ...Air Pollution -see Specifics; Canidae; Co-carcinogenesis; Miners; Radiation Carcinogenesis; Radon; Tobacco - cigarettes; ...5.0754

Co-carcinogenesis

ANALYTICAL METHODS FOR AROMATICS IN AUTO EXHAUST ...Air Pollution-chemistry; Chemical Carcinogenesis; Combustion; Gas Chromatography; Trace Analysis; ...1.0739

PREPARATION AND BIOASSAY OF SMOKE CONDENSATE FROM TOBACCO SAMPLES ...Bioassays; Maleic Hydrazide; Nicotiana; Pesticide Rates -general; Tobacco -cigarettes; Tween-80 -see Surfactants; ...4.0405

METABOLISM AND PHYSIOLOGICAL ASPECTS OF INGESTED HYDROCARBONS ...Chemical Carcinogenesis; Digestive System - Human; Laboratory Animals; Muridae; Pesticide Action on Animals; Piperonyl Butoxide; ...4.0781

PROTECTION FROM LONG-TERM EFFECTS OF IRRADIATION ...Cancer; Chemical Carcinogenesis; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0109

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - POPULATION STUDIES ...Atomic Bomb; Demography; Nuclear Warfare; Radiation Effects Biological; X and Gamma Rays; ...5.0228

INTERACTION OF SR90 WITH ONCOGENIC AND NON-ONCOGENIC VIRUS IN PRODUCING BONE CANCER IN MICE ...Muridae; Radiation Carcinogenesis; Radiation Effects - Biological; Strontium; Tumor Pathology; Viral Carcinogenesis; Viruses - Animal; ...5.0275

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology; Fish; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

THE INTERACTIONS BETWEEN ALPHA RADIATION AND CHEMICAL CARCINOGENS IN EXPERIMENTAL LUNG CANCER ...Alpha Particles; Chemical Carcinogenesis; Mammals -nonspecific; Radiation Carcinogenesis; Radiation Effects - Biological; Respiratory Disease; ...5.0383

EXPERIMENTAL RADIATION CARCINOGENESIS ...Beta Particles; Chemical Carcinogenesis; Muridae; Neutron -see Radiation; Radiation Carcinogenesis; Radiation Sensitivity -man; Radiation, Low Level; ...5.0531

VIRUS ACTIVATION IN RADIATION AND CHEMICAL CARCINOGENESIS ...Chemical Carcinogenesis; Radiation; Radiation Carcinogenesis; Viral Carcinogenesis; X and Gamma Rays; ...5.0649

EFFECTS OF IRRADIATING SKIN ...Chemical Carcinogenesis; Muridae; Radiation Carcinogenesis; Sun; ...5.0743

INHALATION HAZARDS TO URANIUM MINERS, BIOLOGICAL STUDIES ...Air Pollution -see Specifics; Canidae; Miners; Radiation Carcinogenesis; Radon; Tobacco -cigarettes; ...5.0754

Environmental Carcinogenesis

CARCINOGENIC AND MUTAGENIC STUDIES ON ATMOSPHERIC POLLUTANTS ...Air Pollution; Air Pollution -see Specifics; Chemical Carcinogenesis; Chemical Mutagenesis; Epidemiology; Muridae; Respiratory Irritants, Inhaled; ...1.0264

STUDY THE LEVELS OF POLYCYCLIC HYDROCARBONS IN AN URBAN ATMOSPHERE ...Aerosols; Air Pollution -see Specifics; Air Pollution-chemistry; Organic Compounds; Urban Environment; Weather Data; ...1.0730

ANALYTICAL METHODS FOR AROMATICS IN AUTO EXHAUST ...Air Pollution-chemistry; Chemical Carcinogenesis; Combustion; Gas Chromatography; Trace Analysis; ...1.0739

CONSOLIDATION & IMPROVEMENT OF ASSAY METHODS FOR THE CARCINOGEN FAMILY ...Air Pollution -see Specifics; Bioassays; ...1.0790

CARCINOGENS IN THE ENVIRONMENT ...Animal Wastes - Feed Lots; Capra; Contamination -see Air & Water; Developmental Physiology; Drainage; Experimental Teratology; Feces; ...2.0399

CARCINOGENESIS BIOASSAY OF PESTICIDES AND OTHER ENVIRONMENTAL AGENTS ...Animal Resistance; Bioassays; Chemical Carcinogenesis; Food Contamination; Muridae; Pesticide Action on Animals; Pesticides -nonspecific; Tumor Pathology; ...4.0624

SUBLIMINAL PHARMACOLOGY AND CARCINOGENESIS ...Cell Injury and Autolysis; Chemical Carcinogenesis; Cytotoxin; Food Contamination; Mammals -nonspecific; Toxicology; ...4.0659

CARCINOGENESIS BIOASSAY RESOURCE FOR FEEDING TESTS IN RODENTS ...Air Pollution -see Specifics; Bioassays; Chemical Carcinogenesis; Muridae; Pesticides -nonspecific; ...4.0687

RADON PROGENY INHALATION EXPOSURES TO URANIUM MINERS ...Lead; Polonium; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0023

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Colorado; Environmental Effects - Human; Miners; Radiation Carcinogenesis; Radiation Sources - general; Radon; Respiratory Irritants, Inhaled; Uranium; ...5.0044

ESTIMATING THE GENETIC HAZARDS OF ENVIRONMENTAL AGENTS ...Cell Injury and Autolysis; Plants; Radiation Carcinogenesis; Virus; ...5.0179

STUDY OF THE CANCER EXPERIENCE OF NON-URANIUM HARD ROCK MINERS IN THE ROCKY MOUNTAIN AREA ...Miners; Occupational Hazards; Radiation Sources -general; Respiratory Disease; Rocky Mountain System; ...5.0362

DERMATOLOGIC REACTIONS INDUCED BY SOLAR RADIATION ...Burns; Cellular Repair Mechanisms; Light-catalyzed Mechanism Determination; Radiation Injury Prevention; Radiation Sources -general; Ultra Violet Radiation; ...5.0381

EFFECT OF URANIUM ON THE TRACHEOBRONCHIAL TREE ...Colorado; Meetings; Occupational Hazards; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0423

TISSUE REACTION TO DISCRETE, HIGH SPECIFIC-ACTIVITY PARTICULATES, WITH EMPHASIS ON TUMOR FORMATION IN THE LUNG ...Cricetus; Epidemiology; Muridae; Radiation Carcinogenesis; Radiologic Health; ...5.0460

ASSESSMENT, EVALUATION AND CONTROL OF RADIATION EXPOSURE TO MAN AND HIS ENVIRONMENT - EXPOSURE TO EXTERNAL AND INTERNAL RADIATION ...Americium; Digestive System - Human; Plutonium; Radiologic Health; Strontium; Tumor Pathology; ...5.0719

Epidemiology

RESEARCH IN THE ENVIRONMENTAL HEALTH SCIENCES ...Air Pollution -see Specifics; Toxicology; ...1.0333

CARCINOGENIC AND MUTAGENIC STUDIES ON ATMOSPHERIC POLLUTANTS ...Air Pollution; Air Pollution -see Specifics; Chemical Carcinogenesis; Chemical Mutagenesis; Environmental Carcinogenesis; Muridae; Respiratory Irritants, Inhaled; ...1.0264

CONSULTING IN APPLIED MATHEMATICS AND STATISTICS ...Chemical Carcinogenesis; Consultants, Advisory Services; Mathematical Models; Pesticide Toxicity in Humans; Statistics; ...4.0647

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Colorado; Environmental Effects - Human; Miners; Radiation Carcinogenesis; Radiation Sources - general; Radon; Respiratory Irritants, Inhaled; Uranium; ...5.0044

INTERAGENCY REVIEW OF THE HEALTH HAZARDS OF URANIUM MINING - COMPARISON OF EXPERIMENTAL TO EMPIRICAL RESULTS ...Miners; Radiation Carcinogenesis; Radiologic Health; Tumor Pathology; ...5.0060

TISSUE REACTION TO DISCRETE, HIGH SPECIFIC-ACTIVITY PARTICULATES, WITH EMPHASIS ON TUMOR FORMATION IN THE LUNG ...Cricetus; Muridae; Radiation Carcinogenesis; Radiologic Health; ...5.0460

FOLLOW-UP STUDY OF THOROTRAST PATIENTS ...Miners; Respiratory Disease; Thorium; ...5.0599

Genetic and Embryonic

STUDIES ON UV RADIATION CARCINOGENESIS IN MICE ...Cellular Model Systems; Muridae; Radiation Carcinogenesis; Tumor Pathology; Ultra Violet Radiation; ...5.0584

Host Response to Cancer

DEATH FROM AGING, CANCER, IRRADIATION, AND OTHER STRESSES ...Aging; Canidae; Injury and Shock; Radiation Effects - Biological; Stressors, Physiological; ...5.0725

Radiation Carcinogenesis

RADON PROGENY INHALATION EXPOSURES TO URANIUM MINERS ...Environmental Carcinogenesis; Lead; Polonium; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0023

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Colorado; Environmental Effects - Human; Miners; Radiation Sources -general; Radon; Respiratory Irritants, Inhaled; Uranium; ...5.0044

BIOLOGICAL RESPONSE TO SMALL, DISCRETE, HIGHLY RADIOACTIVE PARTICLES ...Environmental Effects - Human; Injury and Shock; Muridae; Radiation; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0062

INTERAGENCY REVIEW OF THE HEALTH HAZARDS OF URANIUM MINING - COMPARISON OF EXPERIMENTAL TO EMPIRICAL RESULTS ...Epidemiology; Miners; Radiologic Health; Tumor Pathology; ...5.0060

PROTECTION FROM LONG-TERM EFFECTS OF IRRADIATION ...Cancer; Chemical Carcinogenesis; Muridae; Radiation Injury Prevention; ...5.0109

MAMMALIAN STUDIES WITH ACCELERATORS - RELATIONSHIP OF CELLULAR CONTROL MECHANISMS TO CARCINOGENIC EFFECT OF ACCELERATED IONS ...Cellular Metabolism - Controls; Ionizing Radiation -see Rad.; Muridae; Radiation, Whole Body; ...5.0123

GERONTOLOGIC CHANGES IN BEAGLES ...Aging; Antioxidants -nonspecific; Canidae; Potassium; Radiation Injury Prevention; Stressors, Physiological; Temperature; Human Body; ...5.0130

RADIATION EFFECTS ON DIFFERENTIATION AND TISSUE CONTROL ...Bacteria -nonspecific; Cell Injury and Autolysis; Fungi -nonspecific; Invertebrates; Physical Mutagenesis; Radiation, Low Level; X and Gamma Rays; ...5.0138

SOMATIC EFFECTS OF LOW DOSE RADIATION, RADIATION, CHROMOSOMES AND HUMAN CANCER ...Mutation; Radiation, Low Level; Tumor Pathology; ...5.0139

THE BIOLOGICAL EFFECTS OF LOW DOSAGE RADIATION ...Air Pollution -see Specifics; Human Developmental Biology; Literature Search; Radiation, Low Level; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0143

RADIATION INDUCED RENAL TUMORS - ELECTRON MICROSCOPE STUDIES ...Muridae; Radiation Effects - Biological; Tumor Pathology, ...5.0146

ESTIMATING THE GENETIC HAZARDS OF ENVIRONMENTAL AGENTS ...Cell Injury and Autolysis; Environmental Carcinogenesis; Plants; Vicia, ...5.0179

THE CYTOGENETICS OF URANIUM MINERS EXPOSED TO RADON 222 ...Bioassays; Body Isotope Burden; Occupational Hazards; Radiologic Health; Respiratory Irritants, Inhaled, ...5.0207

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - POPULATION STUDIES ...Atomic Bomb; Demography; Nuclear Warfare; Radiation Effects - Biological; X and Gamma Rays, ...5.0228

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - MORBIDITY STUDIES ...Atomic Bomb; Injury and Shock; Japan; Radiation Effects - Biological, ...5.0231

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - SPECIFIC DISEASES OR DISORDERS STUDIES ...Atomic Bomb; Digestive System - Human; Exercise; Human Developmental Biology; Japan; Nuclear Warfare; Radiation Effects - Biological, ...5.0232

MECHANISMS OF LOCAL CARCINOGENESIS - RADIATION, PLASTIC FILMS, AND OTHER AGENTS ...Beta Particles; Canidae; Plastics; Radiation Sensitivity -man, ...5.0269

ANALYSIS OF PARAMETERS INFLUENCING CARCINOGENESIS ...Muridae; Neutron -see Radiation; X and Gamma Rays, ...5.0271

TOXICITY OF RADIOSTRONTIUM IN DOGS ...Canidae; Developmental Physiology; Radiation Effects - Biological; Strontium; Tumor Pathology, ...5.0274

INTERACTION OF SR90 WITH ONCOGENIC AND NON-ONCOGENIC VIRUS IN PRODUCING BONE CANCER IN MICE ...Co-carcinogenesis; Muridae; Radiation Effects - Biological; Strontium; Tumor Pathology; Viral Carcinogenesis; Viruses - Animal, ...5.0275

LATENT PERIOD TO THE INDUCTION OF BONE CANCER BY SR90 IN MICE ...Muridae; Strontium; Tumor Pathology, ...5.0276

THERAPY OF POISONING BY RADIOACTIVE AND NON-RADIOACTIVE METALS ...Americium; Digestive System - Human; Muridae; Rabbits; Radiation Injury Prevention, ...5.0281

METABOLISM AND TOXICITY OF FISSION PRODUCTS IN DOGS ...Canidae; Cerium; Cesium; Cobalt; Iodine; Radiation, Whole Body, X and Gamma Rays, ...5.0284

RADIATION DAMAGE TO RADIUM-BURDENED HUMANS ...Factory Workers; Occupational Hazards; Radium, ...5.0291

ANALYSIS OF THE MORBIDITY AND MORTALITY OF CHILDREN IRRADIATED IN FETAL LIFE ...Computer Methods - general; Human Developmental Biology; Injury and Shock; Radiation Effects - Biological, ...5.0302

THE LATE EFFECTS AND METABOLISM OF THE BONE SEEKING RADIOELEMENTS ...Muridae; Radiation; Radium, ...5.0303

PLANS FOR A COMPARATIVE ONCOLOGY RESEARCH PROGRAM ...Radiation Effects - Biological; Research Facilities, ...5.0307

PARTIAL-CELL IRRADIATION OF MITOTIC CELLS ...Amphibians; Cellular Metabolism - Controls; Protons; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays, ...5.0309

CHROMOSOMES OF BONE MARROW CELLS IN RADIATION-INDUCED LEUKEMIA IN JAPAN ...Japan; Radiation Effects - Biological; Tumor Pathology, ...5.0330

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Crucitus; Experimental Teratology; Fish; Lead; Muridae; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal, ...5.0371

HUMAN RADIATION STUDIES ...Atomic Bomb; Iodine; Nevada; Radiation Dose Studies-general; Radiation Sensitivity -man; Respiratory Disease, ...5.0372

RADIATION CARCINOGENESIS ...Digestive System - Human; Muridae; Nuclear Structure; Radioactive Isotopes, Radioisotopes - nonspecific; Tumor Pathology; X and Gamma Rays, ...5.0378

THE INTERACTIONS BETWEEN ALPHA RADIATION AND CHEMICAL CARCINOGENS IN EXPERIMENTAL LUNG CANCER ...Alpha Particles; Chemical Carcinogenesis; Co-carcinogenesis; Mammals -nonspecific; Radiation Effects - Biological; Respiratory Disease, ...5.0383

EFFECT OF URANIUM ON THE TRACHEOBRONCHIAL TREE ...Colorado; Meetings; Occupational Hazards; Radiation Effects - Biological; Respiratory Irritants, Inhaled, ...5.0423

TOXICITY OF INHALED 90SR CHLORIDE IN THE BEAGLE DOG ...Aerosols; Canidae; Nuclear Warfare; Respiratory Irritants, Inhaled; Urine, ...5.0428

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Biochemical Analysis - Tissues; Fission Products-see Radioact.; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Respiratory Irritants, Inhaled, ...5.0436

TISSUE REACTION TO DISCRETE, HIGH SPECIFIC-ACTIVITY PARTICULATES, WITH EMPHASIS ON TUMOR FORMATION IN THE LUNG ...Cricetus; Epidemiology; Muridae; Radiologic Health, ...5.0460

PHASE I FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS - SOME ASPECTS OF STRONTIUM METABOLISM ...Metabolism & Metab Diseases; Muridae; Strontium; Sus; ...5.0481

FOLLOW-UP STUDY OF IRRADIATED TINEA CAPITIS CASES ...Injury and Shock; Radiation Effects - Biological; Trichophyton; X and Gamma Rays, ...5.0487

MECHANISMS OF PERMANENT AND DELAYED PATHOLOGIC EFFECTS OF RADIATION ...Aging; Muridae; Rabbits; Radiation Effects - Biological; Radiation Injury Prevention; X and Gamma Rays, ...5.0497

PHYSIOLOGIC DECREMENTS OF ELECTROMAGNETIC RADIATION EXPOSURE ...Bioassays; Biochemical Analysis - Tissues; Canidae; Iodine; Muridae; X and Gamma Rays, ...5.0503

MORPHOLOGICAL AND CYTOLOGICAL STUDIES OF LUNG RESPONSES TO INHALATION AND IRRADIATION ...Aerosols; Monkey; Plutonium; Radiation Dose Studies-general; Respiratory Irritants, Inhaled; Tumor Pathology; X and Gamma Rays, ...5.0510

MEDICAL STUDIES OF THE PEOPLE OF THE MARSHALL ISLANDS ACCIDENTALLY EXPOSED TO FALLOUT ...Injury and Shock; Iodine; Radiation Effects - Biological; Radiologic Health, ...5.0523

BIOLOGICAL MECHANISMS OF NATURAL AND RADIATION-INDUCED AGING ...Aging; Muridae; Mutagenesis -nonspecific; Physical Mutagenesis; Radiation; Radiation Effects - Biological; Somatic Mutation, ...5.0524

EXPERIMENTAL RADIATION CARCINOGENESIS ...Metabolism and Biochemistry; Muridae; Radiation; Radiation Effects - Biological; Radiation Sensitivity -man, ...5.0529

EXPERIMENTAL RADIATION CARCINOGENESIS ...Beta Particles; Chemical Carcinogenesis; Co-carcinogenesis; Muridae; Neutron -see Radiation; Radiation Sensitivity -man; Radiation, Low Level, ...5.0531

RADIATION EFFECTS ON NUCLEIC ACIDS AND PROTECTION ...Carbon; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Radiation Injury Prevention; X and Gamma Rays, ...5.0579

STUDIES ON UV RADIATION CARCINOGENESIS IN MICE ...Cellular Model Systems; Genetic and Embryonic; Muridae; Tumor Pathology; Ultra Violet Radiation, ...5.0584

CYTOGENETICS OF POST-IRRADIATION AND VIRAL LEUKEMIA ...Muridae; Radiation Effects - Biological; Viral Carcinogenesis, ...5.0593

NEOPLASMS AFTER FISSION NEUTRON IRRADIATION ...Muridae; Neutron -see Radiation; Radiation, Low Level; Radiation, Whole Body; Tumor Pathology, ...5.0623

VIRUS ACTIVATION IN RADIATION AND CHEMICAL CARCINOGENESIS ...Chemical Carcinogenesis; Co-carcinogenesis; Radiation; Viral Carcinogenesis; X and Gamma Rays, ...5.0649

LATE EFFECTS OF LOW DOSE RATE GAMMA RAYS DURING THE PRENATAL PERIOD ...Aging; Developmental Physiology; Experimental Teratology; Mammals -nonspecific; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays, ...5.0655

RESPONSE OF SKIN TO MONOCHROMATIC LIGHT ...Radiation -see Specifics; Radiation Effects - Biological; Ultra Violet Radiation, ...5.0686

THE AGE FACTOR IN RADIATION SENSITIVITY OF MAMMALS ...Aging; Mammals -nonspecific; Radiation Sensitivity - man; Respiratory Disease, ...5.0713

ASSESSMENT, EVALUATION AND CONTROL OF RADIATION EXPOSURE TO MAN AND HIS ENVIRONMENT - EXPOSURE TO EXTERNAL AND INTERNAL RADIATION ...Americium; Digestive System - Human; Plutonium; Radiology, Health; Strontium; Tumor Pathology, ...5.0719

RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIONUCLIDES IN THE BEAGLE SKELETON ...Alpha Particles; Canidae; Injury and Shock; Strontium, ...5.0723

RADIUM INDUCED EYE TUMORS ...Canidae; Plutonium; Radiation Dose Studies-general; Radium; Strontium; Thorium, ...5.0727

SPACE NUCLEAR SYSTEMS STUDIES ...Aerosols; Body Isotope Burden; Chemical Mechanisms & Kinetics; Plutonium; Radiation Dose Studies-general; Radioactive Hazard; Space Medicine ...Radiobiology, Sun; ...5.0735

URANIUM MINERS EXFOLIATIVE PATHOLOGY ...Canidae; Occupational Hazards; Plutonium; Radiation Effects - Biological; Radon; Tobacco -cigarettes; Uranium; ...5.0737

EFFECTS OF IRRADIATING SKIN ...Chemical Carcinogenesis; Co-carcinogenesis; Muridae; Sun; ...5.0743

METABOLISM AND EFFECTS OF RADIONUCLIDES IN FETUS AND YOUNG ...Cerium; Developmental Physiology; Muridae; Plutonium; Radiation Injury Prevention; Zinc; ...5.0744

INHALATION STUDIES - BIOLOGICAL EFFECT STUDIES ...Canidae; Plutonium; Promethium; Radiation; Radiation Injury Prevention; Respiratory Irritants, Inhaled; ...5.0748

INHALATION HAZARDS TO URANIUM MINERS, BIOLOGICAL STUDIES ...Air Pollution -see Specifics, Canidae; Co-carcinogenesis; Miners, Radon; Tobacco -cigarettes; ...5.0754

U.S. TRANSURANIUM REGISTRY OF AEC, AEC CONTRACTOR AND LICENSEE EMPLOYEES ...Americium; Mammals - nonspecific; Occupational Hazards; Plutonium; Radiation Injury Prevention; ...5.0756

EFFECT OF IONIZING RADIATION ON ISOLATED CELL NUCLEI ...Cell Injury and Autolysis; Permeability; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0760

STUDIES ON THE EFFECTS (BIOCHEMICAL, MORBIDITY AND MORTALITY) OF RADIOACTIVE CONSTITUENTS OF URANIUM ORE ON HEALTH OF WORKERS ...Air Pollution - see Specifics; Miners; Occupational Hazards; Respiratory Disease; Tobacco -cigarettes; Uranium; ...5.0770

REPAIR OF RADIATION-DAMAGED DNA IN HUMAN AND OTHER MAMMALIAN CELLS ...Bio; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0791

SINUS DOSIMETRY IN RADIUM POISONING CASES ...Alpha Particles; Occupational Hazards; Radium; ...5.0827

RADIATION DOSIMETRY RESEARCH ...Alpha Particles; Detectors and Sensors, Fast Neutrons; Human Developmental Biology; Models (physical) of Anim.&man; Radiologic Health; X and Gamma Rays; ...5.0924

RELATIONSHIP OF LOCAL RADIATION DOSE OF BONE-SEEKING RADIONUCLIDES TO DAMAGE ...Aging; Canidae; Cell Injury and Autolysis; Radium; ...5.0951

SPECULATED RISK TO BONE AND LIVER FROM 239PU ...Canidae; Digestive System - Human; Models (physical) of Anim.&man; Occupational Hazards; Plutonium; Radiation Injury Prevention; ...5.0953

BONE CANCER INDUCTION BY RADIONUCLIDES INCIDENCE VS DOSE ...Alpha Particles; Canidae; Muridae; Plutonium; Radiation; Low Level; Strontium; ...5.0954

Spontaneous Regression

MATHEMATICAL BIOLOGY OF NEOPLASTIC GROWTH ...Cancer; Population - Growth; Radiation Sensitivity -man; Radiation; Lethal Dose; Tumor Pathology; ...5.0417

Tumor Pathology

PREPARATION AND BIOASSAY OF SMOKE CONDENSATE FROM TOBACCO SAMPLES ...Bioassays; Co-carcinogenesis; Maleic Hydrazide; Nicotiana; Pesticide Rates -general; Tobacco - cigarettes; Tween 80 -see Surfactants; ...5.0405

CARCINOGENESIS BIOASSAY OF PESTICIDES AND OTHER ENVIRONMENTAL AGENTS ...Animal Resistance; Bioassays; Chemical Carcinogenesis; Food Contamination; Muridae; Pesticide Action on Animals; Pesticides -nonspecific; ...5.0624

BIOASSAY OF SUCKER CONTROL CHEMICALS AND PESTICIDE RESIDUE ON LEAF TOBACCO ...Bioassay; Carbon; Maleic Hydrazide; Nicotiana; Pesticide Residues; Tobacco Products &/or Smoking; Tween 80 -see Surfactants; ...5.0368

INTERAGENCY REVIEW OF THE HEALTH HAZARDS OF URANIUM MINING - COMPARISON OF EXPERIMENTAL TO EMPIRICAL RESULTS ...Epidemiology; Miners; Radiation Carcinogenesis; Radiologic Health; ...5.0060

THE ROLE OF ENERGY METABOLISM IN REPAIR AND MACROMOLECULE SYNTHESIS AFTER IRRADIATION ...Adenosine Triphosphate; Biological Dosimetry; Cellular Repair Mechanisms; Dose Rate; Dose Fractionation; Radiation Injury Prevention; ...5.0094

SOMATIC EFFECTS OF LOW DOSE RADIATION RADIATION, CHROMOSOMES AND HUMAN CANCER ...Radiation; Radiation Carcinogenesis; Radiation, Low Level; ...5.0139

RADIATION INDUCED RENAL TUMORS - ELECTRON MICROSCOPE STUDIES ...Muridae; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0146

BIOCHEMICAL EFFECTS OF IONIZING RADIATION ON BRAIN CELLS IN CULTURE ...Cellular Biosynthesis; Cellular Catabolism-see Degrad; Cellular Repair Mechanisms; Dosimetry; Radiation; ...5.0152

TOXICITY OF RADIOSTRONTIUM IN DOGS ...Canidae; Developmental Physiology; Radiation Carcinogenesis; Radiation Effects - Biological; Strontium; ...5.0274

INTERACTION OF SR90 WITH ONCOGENIC AND NON-ONCOGENIC VIRUS IN PRODUCING BONE CANCER IN MICE ...Co-carcinogenesis; Muridae; Radiation Carcinogenesis; Radiation Effects - Biological; Strontium; Viral Carcinogenesis; Viruses - Animal; ...5.0275

LATENT PERIOD TO THE INDUCTION OF BONE CANCER BY SR90 IN MICE ...Muridae; Radiation Carcinogenesis; Strontium; ...5.0276

CHROMOSOMES OF BONE MARROW CELLS IN RADIATION-INDUCED LEUKEMIA IN JAPAN ...Japan; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0330

CONTROL OF CELL GROWTH, DIFFERENTIATION AND FUNCTION ...Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Gases; Ionic Effect; Radiation Injury Prevention; Water Movement, Osmosis; X and Gamma Rays; ...5.0347

THE MECHANISM OF RADIATION SENSITIZATION BY 5-BROMODEOXYURIDINE IN CULTURED CHINESE HAMSTER CELLS ...Cell Injury and Autolysis; Cricetus; Mammals -nonspecific; Radiation Chemistry -biophys.; ...5.0366

RADIATION CARCINOGENESIS ...Digestive System - Human; Muridae; Nuclear Structure; Radiation Carcinogenesis; Radioactive Isotopes; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0378

EFFECTS OF RADIATION ON STATIONARY CELLS ...Cell Injury and Autolysis; Radiation; Radiation, Lethal Dose; X and Gamma Rays; ...5.0384

EFFECTS OF X-RAYS ON NORMAL AND MALIGNANT CELLS ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Viability; Radiation; Radiation Effects - Biological; Radiation, Lethal Dose; X and Gamma Rays; ...5.0416

MATHEMATICAL BIOLOGY OF NEOPLASTIC GROWTH ...Cancer; Population - Growth; Radiation Sensitivity -man; Radiation, Lethal Dose; ...5.0417

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Gases; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; ...5.0493

MORPHOLOGICAL AND CYTOLOGICAL STUDIES OF LUNG RESPONSES TO INHALATION AND IRRADIATION ...Aerosols; Monkey; Plutonium; Radiation Dose Studies-general; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0510

STUDIES ON UV RADIATION CARCINOGENESIS IN MICE ...Cellular Model Systems; Genetic and Embryonic; Muridae; Radiation Carcinogenesis; Ultra Violet Radiation; ...5.0584

NEOPLASMS AFTER FISSION NEUTRON IRRADIATION ...Muridae; Neutron -see Radiation; Radiation Carcinogenesis; Radiation, Low Level; Radiation, Whole Body; ...5.0623

BIOCHEMISTRY OF LIPIDS AND MEMBRANES IN IRRADIATED AND NEOPLASTIC CELLS ...Aging; Digestive System - Human; Radiation Effects - Biological; Radiation Injury Prevention; ...5.0628

MAINTENANCE OF MEMBRANE INTEGRITY IN MAMMALIAN CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; Reaction, Lethal Dose; Ultraviolet Spectroscopy; ...5.0631

ASSESSMENT, EVALUATION AND CONTROL OF RADIATION EXPOSURE TO MAN AND HIS ENVIRONMENT - EXPOSURE TO EXTERNAL AND INTERNAL RADIATION ...Americium; Digestive System - Human; Plutonium; Radiologic Health; Strontium; ...5.0719

URANIUM MINERS EXFOLIATIVE PATHOLOGY ...Canidae; Occupational Hazards; Plutonium; Radiation Effects - Biological; Radon; Tobacco -cigarettes; Uranium; ...5.0737

THE APPLICATION OF SOLID-STATE LITHIUM-DRIFTED GERMANIUM DETECTORS TO THE ANALYSIS OF RADIONUCLIDES IN BIOLOGICAL AND ENVIRONMENTAL SAMPLES ...Air Pollution -see Specifics; Dosimetry; Mammals - nonspecific; Radiation, Whole Body; Radioactive Isotopes, Radiologic Health; ...5.0780

REPAIR OF RADIATION-DAMAGED DNA IN HUMAN AND OTHER MAMMALIAN CELLS ...Bio; Cellular Biosynthesis;

Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0791

RADIOPROTECTIVE AND TUMORICIDAL EFFECTS OF TWO NEUROTROPIC DRUGS ...Cancer; Cellular Viability; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation, Lethal Dose; Radiation, Whole Body; ...5.0836

Viral Carcinogenesis

THE EFFECT OF INFLUENZA VIRUS AND NICOTINE ON THE NUCLEAR STRUCTURE OF CILIATED HUMAN EPITHELIUM ...Air Pollution -see Specifics; Mammals -nonspecific; Respiratory Irritants, Inhaled; Time-lapse Photography; ...1.0199

INTERACTION OF SR90 WITH ONCOGENIC AND NON-ONCOGENIC VIRUS IN PRODUCING BONE CANCER IN MICE ...Co-carcinogenesis; Muridae; Radiation Carcinogenesis; Radiation Effects - Biological; Strontium: Tumor Pathology; Viruses - Animal; ...5.0275

CYTOGENETICS OF POST-IRRADIATION AND VIRAL LEUKEMIA ...Muridae; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0593

VIRUS ACTIVATION IN RADIATION AND CHEMICAL CARCINOGENESIS ...Chemical Carcinogenesis; Co-carcinogenesis; Radiation, Radiation Carcinogenesis; X and Gamma Rays; ...5.0649

Canning Wastes -see Food Proc.

SHALLOW GROUND-WATER FLOW SYSTEMS IN RELATION TO INDUSTRIAL AND MUNICIPAL WATER SUPPLY AND WASTE DISPOSAL REQUIREMENTS ...Farm Animal Wastes; Groundwater Movement; Pond; Pulp and Paper Wastes; Soil Tillage; Urban Research -general; ...2.1138

REDUCING POLLUTION FROM POTATO AND ROOT VEGETABLE PEELING ...Food Processing Industries; Lye; Plant Waste Removal, Treatment; Water Quality Control -general; ...2.1162

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

RECONDITIONING AND REUSE OF FOOD PROCESSING BRINES ...Brines; Filtration; Lagoon; Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general; Water Reuse; ...2.1217

INTEGRATED TREATMENT OF LIQUID WASTES FROM FOOD CANNING OPERATIONS ...Biochemical Oxygen Demand; Flocculation; Flotation; Food Processing Industries; Organics; Trickling Filters; ...2.1218

IMPROVED EQUIPMENT AND OPERATING METHODS FOR POULTRY PROCESSING TO REDUCE WATER REQUIREMENTS ...Food Contamination; Food Engineering & Technology; Industrial Wastes; Poultry Industry; Runoff (water); Water Conservation -general; ...2.1231

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Food Processing Industries; Industrial Wastes; Photometry; Plant Waste Removal, Treatment; Taste & Odor of Water; Waste Treatment Economics; Water Quality Control -general; ...2.1249

POLLUTION PREVENTION BY AERATION OF FRUIT PROCESSING WASTES ...Activated; Aerobic Bacteria; Biochemical Oxygen Demand; Food Processing Industries; Lagoon; Plant Waste Removal, Treatment; Waste Drying; ...2.1449

COST-REDUCING TECHNIQUES OF WASTE DISPOSAL AND OPTIMUM USE OF WATER RESOURCES ...Food Processing Industries; Industrial Wastes; Optimization, Economic; Waste Treatment; Waste Water Treatment -general; Water Quality Control -general; ...2.1890

RECOVERY OF AMINO ACIDS FROM POTATO STARCH FACTORY SECONDARY WASTES ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Ion Exchange; Process Development; Product Development Research; Solanum; Water Quality Control -general; ...3.0041

AEROBIC SECONDARY TREATMENT OF POTATO PROCESSING WASTES WITH MECHANICAL AERATION ...Aeration; Aeration (water); Aerobic Waste Water Treatment; Process Design; Secondary Treatment; Waste Treatment Economics; ...3.0118

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Effluents - Waste Water; Infiltration; Organic Water Properties; Pilot Plants; Safety -see Farm Safety; South Carolina; Waste Management -see Specific, Water Purification; ...3.0310

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

Cape Verde Islands

CONTINENTAL AEROSOLS IN THE MARINE ATMOSPHERE ...Aerosols; Atmospheric Dynamics; British West Indies; Energy Conversion, Particulates - Air Pollution; Tracers; ...1.0041

Carbamates -see Pesticides

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Chemical Analysis; Gallus Domesticus; Laboratory Animals; Mammals -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0548

THE EVALUATION OF CARBAMATE-INDUCED ANTICHOLINESTERASE EFFECTS IN THE FETUS ...Carbamates -nonspecific; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Mammals -nonspecific; Pesticide Action on Animals; Toxicology; ...4.0784

CORRELATION OF STRUCTURE VS. ACTIVITY OF POLLUTANTS OF FRESH WATER ...Analysis and Detection; Fresh Water; Invertebrate Physiology; Pesticide Action on Animals; Water Pollutant Identification; ...4.0839

Carbon

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Air Pollution-chemistry; Combustion; Effects; Mechanism Determination, Oxidants; Photochemical Reactions; Solar Radiation - sunshine; ...1.0006

A BIOLOGIC INDICATOR FOR AIR POLLUTION ...Air Pollution -see Specifics; Caviidae; Environmental Effects - Human; Occupational Hazards; Rural Areas; ...1.0317

CONTROL OF ETHYLENE-INDUCED SEPAL WILT OF ORCHIDS ...Air Cleaning Devices; Filters; Humidity; Orchidaceae: Ornamentals; ...1.0590

THE RELATIONSHIP BETWEEN ALGAL GROWTH AND THE AVAILABILITY OF CARBON ...Algae -nonspecific; Algal Physiology; Environmental Influences; Eutrophication; Primary Productivity - Plants; Water Quality Control -general; ...2.0161

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; Water Depth, Water Levels; ...2.0205

ULTRAVIOLET ABSORPTION IN COASTAL WATERS ...Algae - nonspecific; California; Coastlines - Shorelines; Organic Matter; Plant Productivity -general; Ultra Violet Radiation; ...2.0493

DYNAMICS OF BIOCHEMICAL OXYGEN DEMAND ...Benthic Organisms -nonspecific; Model Studies; New Jersey; Nitrogen and Nitrogen Cpds.; Organic Matter; Scouring; ...2.0676

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Primary Productivity - Plants; Sea Water Chemistry; Sea Water Properties; ...2.0742

VIRUS REMOVAL-WATER AND WASTEWATER ...Bacteriophage; Chlorination; Flocculation, Ion Exchange; Viral Pollutant Sources; Virus; Waste Water Treatment -general; ...2.0946

DENITRIFICATION AS A PATHWAY FOR NITRATE REMOVAL IN RIVERS AND PONDS ...Denitrification; Organic Water Properties; Population Dynamics -general; Temperature; Water Properties -general; ...2.1016

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Effluents - Waste Water; Foreign Agriculture; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research, Sewage; Water Pollution Abatement; Water Quality -general; ...2.1196

BIOMASS PRODUCTION FOR THE IMPROVEMENT OF THE QUALITY OF FOOD PROCESSING PLANT EFFLUENTS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Industrial Wastes; Nitrogen and Nitrogen Cpds.; Waste Water Treatment -general; ...2.1260

CARBON COLUMN OPERATION IN WATER TREATMENT ...Cellular Physiology- Env. Eff.; Filtration; Microorganisms -nonspecific; Total Organic Carbon; Waste Water Treatment -general; ...2.1355

CONTROL OF GEOTRICHUM CANDIDUM IN BIOLOGICAL WASTE TREATMENT ...Coagulation; Fungal Pollutant Sources; Geotrichum; Sewage Lagoons; Waste Water Treatment -general; Zinc; ...2.1410

PHOSPHATE UPTAKE, STORAGE, AND RELEASE BY MICROORGANISMS IN WASTEWATER TREATMENT ...Microorganisms -nonspecific; Nutrients; Phosphorus and Phosphorus Cpds; Recycle Water; Sewage Bacteria; Sludge; Waste Water Treatment -general; ...2.1451

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

SLIME CONTROL ASSOCIATED WITH PULP MILL EFFLUENTS ...Bacterial Pollutant Sources; Industrial Wastes, Process Design; Pulp and Paper Wastes; ...3.0038

SYSTEMS FOR ALLEVIATING ODORS FROM POULTRY WASTES ...Aeration (water); Costs -see Economics Entries; Farm Animal Wastes; Feces; Poultry -nonspecific; ...3.0235

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Chemical Analysis (water); DDT; Paraquat; Pesticide Residues; Planavin; Soil Chemical Properties; Water Pollutant Identification; ...4.0016

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Chemical Analysis; Growth Substances; Metabolism of Algacides; Pesticide Degradation -see Degr; Plant Growth Regulators -ns.; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics: Triazines -nonspecific; ...4.0143

STUDIES ON THE ECOLOGICAL PHYSIOLOGY OF MIDWATER CRUSTACEANS ...Crustacea; Invertebrate Physiology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Vertical Distribution; ...4.0570

ACCELERATED REMOVAL OF INSECTICIDE RESIDUES ...Animal Pharmacology; Chemical Analysis; DDT; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0618

METABOLISM OF PESTICIDES BY RUMEN MICROBIOTA AND FACTORS INFLUENCING ABSORPTION ...Bacterial Identification; Capra; DDT; Intestinal Bacteria; Microorganism-see Cell. Catab.; Pesticide Action on Plants; Petroleum -see Oil; ...4.0665

NEUTRALIZATION OF ROTENONE WITH ACTIVATED CHARCOAL ...Fish; Neutralization; Pesticide Residues Removal; Pesticides -see Pesticide; Rotenone; ...4.0776

SUBLETHAL AMOUNTS OF ORGANIC INSECTICIDES AND FISH ...Captive Rearing; Chemical Analysis; Commercial Fishing; DDT; Fish Food Supply -other; Salmonidae; Washington; ...4.0902

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chenopodiaceae; Chlorinated Hydrocarbons; Insecticides -nonspecific; Organophosphorous Cpds.; Plant; Rhizosphere; Soil Microbiology; Trifolium; ...4.1043

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis, Quinone Cpds. - nonspecific; Triazines -nonspecific; ...4.1086

BIOCHEMICAL AND PHYSIOLOGICAL RESPONSE TO IRRADIATION - RETICULOENDOTHELIAL SYSTEM STUDIES ...Canidae; Caviidae; Muridae; Phagocytosis; ...5.0110

ABILITY OF ISOLATED KUPFFER CELLS TO POPULATE EXPERIMENTAL GRANULOMAS AND IRRADIATED BONE MARROW ...Antibiotics -nonspecific; Colloids; Muridae; Radiation Injury Prevention; Radiation, Whole Body; X and Gamma Rays; ...5.0205

COMPARATIVE STUDIES OF PROTEIN RADIOLYSIS BY VARIOUS MEANS OF IRRADIATION ...Electrical Current - bioeffects; Radiation Chemistry -biophys.; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0367

ENVIRONMENTAL BIOLOGY - METABOLISM AND PRODUCTION OF A FOREST ...Photosynthesis; Plant Ecology -nonspecific; Plants; Quercus; Radioecology - Plants; X and Gamma Rays; ...5.0900

Carbon Disulfide

EFFECT OF VARIOUS GASEOUS CONTAMINANTS OF THE ATMOSPHERE ON PLANT GROWTH AND BEHAVIOR ...Enzymes; Growth; Industrial Pollution -general; Pollutant Resistance; Reproductive Physiology; Respiration; ...1.0420

RESIDUES AND BREAKDOWN PRODUCTS OF CHEMICAL FUNGICIDES IN PECAN NUTS ...Chemical Analysis; Dodine; Fruit, Nut, and Berry Crops; Zinc; ...4.1003

Carbon Monoxide

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS ...Air Pollution -see Specifics; Fire Behavior - Identification; Fire Prevention; Fire Research -see Forest Fire; Forest Environment -general; Forest Litter, Duff & Humus; Pinus Taeda; ...1.0043

INHALATION OF WHOLE SMOKE, SYNTHETIC SMOG, & AMBIENT AIR ON THE RESPIRATORY TRACT & OTHER ORGANS OF PATHOGEN-FREE MICE (ABBREV) ...Aerosols; Muridae; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0179

RESPIRATORY TRACT AIR POLLUTANTS AND BIOLOGICAL AGENTS ...Air Pollution -see Specifics; Caviidae; Diplococcus Pneumoniae; Muridae; Pleuropneumonia Group; Respiratory Disease; Smog -see Air Pollution; Sulfur Dioxide; ...1.0180

CARBON MONOXIDE AND HUMAN INFORMATION PROCESSING ...Air Pollution -see Specifics; Learning and Retention; Mammals -nonspecific; Psychology; Sensory & Perceptual Processes; Toxicology; ...1.0182

EFFECT OF EXPOSURE TO THE TOTAL SUBMARINE ATMOSPHERIC ENVIRONMENT ON PHYSIOLOGICAL FUNCTIONS ...Aerosols; Air Pollution -see Specifics; Environmental Effects - Human; Military Personnel; Respiratory Irritants, Inhaled; Submarine & Diving Medicine; Toxicology; ...1.0191

FURNISHING NOTICE OF RESEARCH PROJECTS RELATIVE TO ALL BIOLOGICAL INFORMATION ...Air Pollution -see Specifics; Asbestos; Chlorine; Lead; Pollens -see Air Pollution; Zinc; ...1.0193

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aircraft; Aviation Medicine; Detectors and Sensors; Military Personnel; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Tobacco - cigars; Toxic Substances; ...1.0194

A PROGRAM IN ENVIRONMENTAL PHYSIOLOGY AND TOXICOLOGY ...Air Pollution -see Specifics; Cooperative Studies; Environmental Effects - Human; Respiratory Irritants, Inhaled; Toxicology; ...1.0208

FUNCTIONAL ADAPTATIONS TO ATMOSPHERIC CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution-chemistry; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Psychology; Toxicology; ...1.0210

AUTOMOBILE EXHAUST AND CHRONIC RESPIRATORY DISEASE ...Air Pollution -see Specifics; Bacteria -nonspecific; Engines; Environmental Effects - Human; Lead; Respiratory Disease; Tobacco -cigarettes; ...1.0212

EFFECTS OF CARBON MONOXIDE INDUCED ARRHYTHMIAS ...Air Pollution -see Specifics; Canidae; Petroleum -see Oil; Respiratory Irritants, Inhaled; Toxicology; ...1.0220

RED CELL DEFENSE MECHANISMS AGAINST AIR POLLUTION ...Air Pollution -see Specifics; Cell Injury and Autolysis; Cellular Metabolism - Controls; Contamination -see Air & Water; Gases; Respiratory Irritants, Inhaled; ...1.0228

EFFECT OF AIR POLLUTION ON OBSTRUCTIVE LUNG DISEASE ...Air Pollution -see Specifics; Respiratory Disease; Respiratory Irritants, inhaled; ...1.0231

PLAN, DEVELOP AND IMPLEMENT STUDIES DESIGNED TO IDENTIFY AND QUANTIFY THE EFFECTS OF CO AIR POLLUTION ON HUMAN HEALTH ...Air Pollution -see Specifics; Toxicology; ...1.0243

COMPLETE A MANUSCRIPT DESCRIBING THE EFFECTS ON HUMAN HEALTH OF CHRONIC EXPOSURE TO LOW LEVELS OF CO ...Air Pollution -see Specifics; Toxicology; ...1.0 '4

COMPLETE A STUDY, ANALYZE RESULTING DATA AND PREPARE A REPORT ON THE EFFECTS OF EXPOSURE TO LOW LEVELS OF CO ON EYE-HAND-FOOT COORDINATION ...Air Pollution -see Specifics; Toxicology; ...1.0245

BIOLOGICAL EFFECTS OF CO ON DOGS WITH EXPERIMENTALLY INDUCED MYOCARDIAL INFARCTS (ABBREV) ...Air Pollution -see Specifics; Anoxia and Hypoxia; Canidae; Toxicology; ...1.0246

INITIATE A STUDY AND BEGIN COLLECTION OF DATA ON THE EFFECTS OF IN-VIVO EXPOSURE TO CO ON ERYTHROCYTE METABOLISM ...Air Pollution -see Specifics; Anoxia and Hypoxia; Developmental Physiology; Gases, Ionic Effect; Mammals -nonspecific; Toxicology; ...1.0247

ALTERATIONS IN MYOCARDIAL VASCULATURE IN RELATION TO AMBIENT CO LEVELS AS INDICATED BY CARDIOMORPHOMETRIC TECHNIQUES (ABBREV) ...Air Pollution -see Specifics; Anoxia and Hypoxia; Toxicology; ...1.0255

COMPLETE A STUDY AND PREPARE A REPORT ON THE EFFECT OF CO ON MYOCARDIAL FUNCTION ...Air Pollution -see Specifics; ...1.0260

CONTINUE COLLECTION OF DATA ON THE EFFECT OF CHRONIC EXPOSURE OF BEAGLE DOGS TO CARBON MONOXIDE ...Air Pollution -see Specifics; Canidae; Respiratory Irritants, Inhaled; ...1.0276

ALTERATIONS IN DISTRIBUTION & CALIBRE OF MYOCARDIAL VASCULATURE EXPOSED TO CO DETECTED BY CARDIOMORPHOMETRIC TECHNIQUES (ABBREV) ...Air Pollution -see Specifics; Mammals -nonspecific; ...1.0277

A REPORT ON THE RELATIONSHIPS AMONG O2 UPTAKE, CO EXPOSURE, O2 CARRYING CAPACITY OF BLOOD AND EXERCISE (ABBREV) ...Air Pollution -see Specifics; Anoxia and Hypoxia; Exercise; ...1.0278

STUDY TO DETERMINE THE FATE OF CO IN THE ATMOSPHERE ...Air Pollution-chemistry; Algae -nonspecific; Microorganisms -nonspecific; Respiration; ...1.0318

BEHAVIORAL PHARMACOLOGY AND TOXICOLOGY ...Canidae; Ceboidea, Muridae, Pigeon; Toxicology; ...1.0382

EFFECT OF VARIOUS GASEOUS CONTAMINANTS OF THE ATMOSPHERE ON PLANT GROWTH AND BEHAVIOR ...Carbon Disulfide; Enzymes; Growth; Industrial Pollution -general; Pollutant Resistance; Reproductive Physiology; Respiration; ...1.0420

EFFECTS AND FATE OF AIR POLLUTANTS ...Absorption (incl. Adsorption); Growth; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Physiological Ecology; Sulfur Dioxide; Transpiration and Evap; ...1.0430

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Mathematical Models; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0433

DEVELOP REFERENCE AIR QUALITY VALUES ...Air Pollution -see Specifics; Air Pollution-chemistry; Fluorine; Lead; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; ...1.0524

DEVELOP & IMPLEMENT OPERATIONAL SYSTEM FOR EVALUATING & COLLABORATIVELY TESTING METHODS RECOMMENDED FOR AIR POLLUTION MEASUREMENT (ABBREV) ...Air Pollution; Air Pollution Analysis; Aldehydes - nonspecific; Lead; Methane; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0843

NUMERICAL MODELING OF OXIDATION REACTION SCHEMES ...Oxidation; ...1.0887

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics, Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

PHYSICAL AND PHYSIOLOGICAL COMPONENTS OF RADIATION EFFECTS IN CELLS ...Bacillus Megaterium; Bacterial Morphology; Cell Injury and Autolysis; Microorganisms; Radiation; Staphylococcus Aureus; ...5.0829

Caribbean Sea

MIXING, DIFFUSION AND CIRCULATION RATES IN OCEAN WATERS ...Atlantic Ocean; Chemical Reactions; Gases; Marine Environments; Ocean Turbulence; Radioactivity; Sea Water Mass & Ocean Fronts; ...2.1067

Carotenoid Pigments

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; Water Depth, Water Levels; ...2.0205

PIGMENT ANALYSIS FOR THE DETECTION OF ENRICHMENT ...Algal Physiology; Chlorophyll; Effluents - Waste Water; Nutrients; Phytoplankton; Water Pollutant Identification; ...2.0736

IMPROVED PROCESSING OF HAWAIIAN FRUITS ...Food Engineering & Technology; Plant Waste Removal, Treatment; Product Development Research; Tropical Regions; ...3.0117

TOXIC CHEMICALS IN PLANTS AND THEIR RESIDUAL EFFECTS ...Amiben; Growth Substances; Iridaceae; Pesticide Formulation; ...4.0368

CAROTENOID PIGMENTS AND PHOTOTOXICITY AND PHOTOPROTECTION IN BACTERIA ...Bacterial Studies - general; Cell Injury and Autolysis; Light; Radiation -see Specifics; Sarcina -nonspecific; ...5.0385

Casting of Materials

ENGINEERING AND ECONOMIC STUDY OF PRIMARY ALUMINUM SMELTING INDUSTRY ...Air Pollution; Costs -see Economics Entries; Gases; Iron & Steel Industry; Particulates - Air Pollution; ...1.0466

NON-FERROUS SMELTER CONTROL TECHNOLOGY ...Air Pollution-chemistry; ...1.0655

TREATMENT OF BRASS MILL EFFLUENTS ...Coatings -see Materials; Dewatering; Effluents - Waste Water; Industrial Wastes; Metal Processing Wastes; Pilot Plants; Sludge; Waste Treatment Economics; ...2.1208

POLYMER-IMPREGNATED CONCRETE PIPE RESEARCH PROGRAM ...Ceramics; Industrial Wastes; Materials, Composite; Plastics; ...3.0022

UTILIZATION OF BARK WASTE ...Additives; Gas Chromatography; Inspection and Control; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Pseudotsuga; Pulp-waste; ...3.0277

RECYCLING OF STEELMAKING FURNACE DUSTS ...Lead; Purity, Impurity; Recoverable Materials; Waste Type; Zinc; ...3.0384

PHYSICAL AND CHEMICAL PROCESSING OF FERROUS SCRAP ...Automotive Application; ...3.0401

Catalogs, Tables, Compilations

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

SELECTED URBAN STORM WATER RUNOFF ABSTRACTS ...Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0344

SEDIMENTOLOGY OF LOUISIANA'S ESTUARIES ...Aquatic Soils; Chemical Properties; Drilling and Coring; Louisiana; Nitrogen and Nitrogen Cpds.; Sedimentation; Size; ...2.0604

BENTHONIC INVERTEBRATES AS AN INDEX OF WATER QUALITY ...Animal Life History Studies; Bioassays; Environmental Ecology; Invertebrates -nonspecific; Water Pollutant Identification; ...2.0643

EVALUATION OF CURRENT TECHNIQUES OF NUTRIENT REMOVAL FROM WASTE WATERS ...Biological Treatment-general; Chemical Treatment -general; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Waste Treatment Economics; ...2.1318

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Economic Efficiency; Legal Review; Management (water); Model Studies; Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

Catalysis, Heterogeneous

CHEMISTRY OF SULFUR IN HOT COMBUSTION GASES ...Adsorption; Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Kinetics; Nitrogen and Nitrogen Cpds.; Oxidation; Temperature Effects; ...1.0164

AIR POLLUTION CONTROL BY CATALYSIS ...Air Pollution-chemistry; Catalysis; Combustion; Fuels; Oxidation; Reduction Reactions; ...1.0535

SO2 AND NOX REMOVALS FROM STACKS GASES BY CO ...Air Pollution-chemistry; Catalytic; Combustion; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0563

INTERACTION OF FLUE GASES WITH CARBON SURFACES ...Air Pollution-chemistry; Combustion; Impurity; Oxidation; Porosity; Reduction Reactions; Sulfur Dioxide Removal; ...1.0642

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Combustion; Furnace and Incinerator Design; Packed Bed Reactor; Process Waste Recovery; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0661

HETEOGENEOUS REACTIONS IN AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Corrosion; Deterioration; Nitrogen and Nitrogen Cpds.; Oxidation; Zinc; ...1.0861

CATALYTIC REDUCTION OF OXIDES OF NITROGEN ...Air Pollution-chemistry; Catalytic; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0863

TRACER STUDIES IN AIR POLLUTION - SULFUR DIOXIDE ...Aerosols; Energy Conversion; Isotope Tracer -see Tracers; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0875

OXIDATION MECHANISMS ON SUPPORTED CHROMIA CATALYSTS ...Air Pollution-chemistry; Combustion; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; ...1.0894

REACTIONS OF SO2 WITH HYDROCARBONS, CO AND H2 ...Air Pollution-chemistry; Catalytic; Statistical; Temperature; ...1.0897

TRANSITION METAL CHEMISTRY OF TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Chelation & Complexing; Nitrogen and Nitrogen Cpds.; Oxidation; Reduction Reactions; ...1.0904

WEAPONRY--RADIATION DAMAGE BY NUCLEAR BLASTS ...Hmx; Nuclear; Nuclear Detonations; Photolysis; Propellants; Radiation Induced Chem. React.; Radiation Shielding; ...5.0166

TRITIATED HYDROGEN IN THE ATMOSPHERE - OF A NEW ULTRA-SENSITIVE TECHNIQUE FOR ENVIRONMENTAL SAMPLING IN NATURE AND INDUSTRY (ABBREV.) ...Adsorption; Air Pollution-chemistry; Atmospheric Dynamics; Combustion; Detectors and Sensors; Industrial Wastes; Radioactivity; ...5.0813

Catalysis, Homogeneous

ENTHALPIMETRIC ANALYSIS ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Functions and Properties; Precipitation; Substitution; ...1.0639

CHEMISTRY AND PROPERTIES OF OZONIDES ...Air Pollution -see Specifics; Hydrolysis, Esterification; Ozonization; Reduction Reactions; Thermochemistry -biophysics; ...1.0880

METAL ION-CATALYZED OXIDATION OF PHENOLS AND AROMATIC AMINES ...Chelation & Complexing; Isotope Tracer -see Tracers; Mechanism Determination; Organics; Oxygen; ...2.1109

STRUCTURAL CHEMISTRY OF SOIL HUMIC SUBSTANCES ...Adsorption; Chelation & Complexing; Hydrolysis, Esterification; Organic Soils -see Soils; Pesticides -nonspecific; Reduction Reactions; Soil Chemical Properties; Soil Microbiology; ...4.0106

Catalysts

SELENIUM AND ITS SIGNIFICANCE AS AN AIR POLLUTANT ...Adsorption; Combustion; Disposal; Fuels; Solid Waste; Trace Elements; ...1.0057

COMBUSTION STUDIES RELATING TO CETANE IMPROVERS, COMBUSTION CATALYSTS AND SMOKE SUPPRESSANTS ...Air Pollution-chemistry; Combustion; Fuels; ...1.0059

SULFUR DIOXIDE OXIDATION ...Air Pollution-chemistry; Catalytic; Gases; Mechanism Determination; Rate of Reaction; ...1.0088

CATALYTIC DECOMPOSITION OF NITROGEN OXIDES ...Combustion; Degradation; Fuels; Inert Atmosphere; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; ...1.0133

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Combustion; Fire Research -see Forest Fire; Food Contamination; Fuels; Mass Spectroscopy; Pyrolysis; Thin Layer Chromatography; ...1.0149

BIOCHEMICAL AND HISTOCHEMICAL INVESTIGATIONS OF ENZYME SYSTEMS IN MAMMALIAN LUNG ...Air Pollution -see Specifics; Biochemical Analysis - Tissues; Mammals -nonspecific; Respiratory Irritants, Inhaled; Spectrographic Techniques; ...1.0187

PROPERTIES OF PARTICULATE POLLUTANTS ...Adsorption; Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Gases; Humidity - Water Vapor; Particulates - Air Pollution; Temperature; ...1.0188

AIR POLLUTION CONTROL BY CATALYSIS ...Air Pollution-chemistry; Combustion; Fuels; Oxidation; Reduction Reactions; ...1.0535

RESEARCH INITIATION - RATES OF SORPTION OF MOLECULAR SIEVES IN MULTICOMPONENT SORBATE SYSTEMS ...Adsorption; Combustion; Energy Conversion; Gas Chromatography; Sulfur Dioxide Removal; ...1.0567

CATALYTIC MEDIA TO REDUCE NOX EMISSIONS FROM GASOLINE ...Air Pollution-chemistry; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0578

FUEL MODIFICATION FOR ABATEMENT OF AIRCRAFT ENGINE EMISSIONS ...Air Pollution-chemistry; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0589

REVERSIBLE METAL COMPLEXES WITH AIR POLLUTANTS ...Absorption - Chemistry; Air Pollution-chemistry; Chelation & Complexing; Kinetics; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0597

CONTROL OF COMBUSTION CHEMISTRY - KINETICS AND CATALYST ...Air Pollution-chemistry; Combustion; Combustion Air Pollution-gen; Fuels; Kinetics; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0607

SOME TRANSITION METAL CHEMISTRY AND STRUCTURES OF COMPLEXES INVOLVING TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Chelation & Complexing; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Ultraviolet Spectroscopy; ...1.0619

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Chemical Regeneration; Combustion; Nitrogen and Nitrogen Cpds.; Reduction Reactions; Thermal Regeneration; ...1.0633

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GAS--PART C ...Adsorption; Energy Conversion; Mass Spectroscopy; Spectrographic Techniques; Waste Material Recovery; ...1.0635

CATALYSTS FOR AUTOXIDATION OF TOXIC GASES ...Air Pollution-chemistry; Autooxidation; Catalytic; Chelation & Complexing; Nitrogen and Nitrogen Cpds.; ...1.0866

CYANIDE METABOLISM BY MICROORGANISMS ...Aldehydes -nonspecific; Cellular Catabolism-see Degrad; Fungi -nonspecific; Microorganisms -nonspecific; Water Pollution Sources; ...2.0231

USE OF GEL MATERIAL FOR SEALING DEEP MINE OPENINGS ...Ceramics; Combustion; Plastics; Polymerization; Sealants -see Coatings; ...2.0347

MINERALIZATION OF ORGANIC PHOSPHORUS IN OLIGOTROPHIC LAKE SEDIMENTS ...Aluminum; Chemical Water Properties; Hydrolysis, Esterification; Lime Treatment; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; ...2.0692

EVALUATION OF PYRITIC OXIDATION BY NUCLEAR METHODS ...Acid Mine Drainage; Autotrophic Bacteria; Cellular Catabolism-see Degrad; Mechanism Determination; Oxidation; ...2.0758

THE CATALYTIC OXIDATION OF ORGANICS IN WASTE-WATER ...Chemical Industry; Chemical Treatment (water); Kinetics; Organic Matter; Oxidation; ...2.1211

APPLICABILITY OF ARDOX CATALYSTS TO THE OXIDATION OF MUNICIPAL SEWAGE EFFLUENTS AND OF WASTES PRODUCED DURING MANNED SPACE FLIGHT ...Catalytic; Effluent-standards; Sewage - Domestic; Sewer Systems; Solid Waste Management; Waste Disposal-see Solid Waste; ...3.0052

TREATMENT OF COTTON TEXTILE WASTE BY ENZYMES A..D UNIQUE HIGH RATE TRICKLING FILTER SYSTEM ...Aerobic Waste Water Treatment, Effluent-standards, Textile Industry, Trickling Filters, Waste Treatment Economics, ...3.0315

DETERMINE LIGNIN STRUCTURE AND BIOSYNTHESIS ...Aldehydes -nonspecific, Enzymes, Forest Industry, Hydrolysis, Esterification, Oxidants, Plant Waste Removal, Treatment, ...3.0371

SINGLE CELL PROTEINS FROM CELLULOSIC WASTES ...Cellular Catabolism-see Degrad, Disposal, Pilot Plants, Recoverable Materials, Waste Management -see Specific, ...3.0373

ENHANCED CELLULASE PRODUCTION BY MUTATION ...Biodegradation-see Degradation, Costs -see Economics Entries, Industrial Wastes, Mutagenesis -nonspecific, Plant Waste Removal, Treatment, Product Development Research, Rate of Reaction, ...3.0381

CONSTRUCTION OF PESTICIDES DEGRADABLE BY NORMAL MICROFLORA OF NATURAL WATERS AND SOILS ...Biodegradation-see Degradation, Degradation -see Pesticide Deg, Microorganism-see Cell Catab, Pesticide Action on Animals, Pesticide Degradation -see Deg, Pesticides -see Pesticide, ...4.0030

THE ROLE OF MICROFLORA IN THE PERSISTENCE AND DECOMPOSITION OF PESTICIDE RESIDUES ...Biodegradation-see Degradation, Chlorine, Degradation, Microorganism-see Cell Catab, Pesticide Degradation -see Deg, Pesticide Phytotoxicity, ...4.0151

DETECTION AND DETERMINATION OF FUNGICIDES, BACTERICIDES, AND CHEMOTHERAPEUTIC AGENTS ...Benlate, Bioassay, Butylamine, Degradation, Methyl Bromide, Sandy Soils -see Soil Type, TBZ, ...4.0238

BEHAVIOR OF DILUTE SOLUTIONS OF MERCURIC SALTS Mechanism Determination, Mercury, Oxidation, Reduction Reactions, Thermodynamics -biophysics, Toxicology, Water Pollution Sources, ...4.0779

ENZYMIC MECHANISMS OF INSECTICIDE METABOLISM Animal, Mechanism Determination, Organophosphorous Cpds., Pesticide Action on Animals, Rabbits, Radioisotopes -nonspecific, ...4.0853

CYTOCHEMICAL AND MACROMOLECULAR RADIATION EFFECTS ...Free Radical Reactions, Radiation Chemistry -biophys., ...5.0379

INTERACTION OF THERMAL AND RADIATIVE PROCESSES IN BIOLOGICAL SYSTEMS ...Colorimetric Methods, Radiation Chemistry -biophys., Radiation Dose Studies-general, Radiation Effects - Biological, Thermochemistry -biophysics, X and Gamma Rays, ...5.0527

Cell Injury and Autolysis

BIOLOGICAL EFFECTS OF GASEOUS IONS ...Air Pollution -see Specifics, Bacteria -nonspecific, Environmental Physiology, Gases, Growth, Muridae, Protozoa, ...1.0170

TOBACCO SMOKE AND LUNG BIOCHEMISTRY ...Air Pollution -see Specifics, Mammals -nonspecific, Respiratory Irritants, Inhaled, Toxicology, ...1.0171

PULMONARY EFFECTS OF ENVIRONMENTAL OXIDANT POLLUTANTS ...Environmental Physiology, Industrial Pollution - general, Muridae, Primates -nonspecific, ...1.0173

BIOCHEMICAL EFFECTS OF AIR POLLUTANT OXIDANTS ...Air Pollution -see Specifics, Air Pollution-chemistry, Gases, Oxidation, ...1.0183

ETIOLOGIC SYNERGISMS IN DISEASES OF THE LUNG ...Air Pollution -see Specifics, Cellular Repair Mechanisms, Muridae, Respiratory Disease, Respiratory Irritants, Inhaled, ...1.0221

PULMONARY REACTIONS TO GASEOUS ENVIRONMENTS ...Air Pollution -see Specifics, Cellular Biosynthesis, Gases, Respiratory Irritants, Inhaled, Toxicology, ...1.0222

RED CELL DEFENSE MECHANISMS AGAINST AIR POLLUTION ...Air Pollution -see Specifics, Carbon Monoxide, Cellular Metabolism - Controls, Contamination -see Air & Water, Gases, Respiratory Irritants, Inhaled, ...1.0228

A REPORT ON THE INFLUENCE OF EXPOSURE TO LOW LEVELS OF OZONE ON THE STRUCTURAL INJURY PRODUCED BY BACTERIAL INFECTIOUS AGENTS (ABBREV) ...Air Pollution -see Specifics, Bacteria -nonspecific, Mammals -nonspecific, Respiratory Irritants, Inhaled, ...1.0272

EFFECTS OF LOW LEVELS OF LEAD ON PROTEIN SYNTHESIS ...Air Pollution -see Specifics, Cellular Biosynthesis, Gases, Petroleum -see Oil, Respiratory Irritants, Inhaled, ...1.0294

EFFECTS OF DUSTS ON VEGETATION ...Air Pollution; Air Pollution Effects; Industrial Pollution -general, Particulates - Air Pollution; Urban Environment, ...1.0320

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Environmental Modification; Pathological Physiology; Respiration; Toxic Substances; ...1.0333

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Herbicides and Other Chem; Nicotiana; Phaseolus; Pollutant Resistance, ...1.0334

ACTION OF AIR POLLUTANTS ON PLANTS AND METHODS OF DAMAGE CONTROL ESPECIALLY THROUGH RESISTANCE ...Air Pollution -see Specifics; Cellular Biosynthesis; Ornamentals, Phaseolus; Pigments; Polygonaceae; ...1.0351

AIR POLLUTION EFFECTS ON POWDERY MILDEW FUNGI ...Air Pollution -see Specifics; Environmental Factors; Fungi -nonspecific; Pathological Physiology; Pollutant Resistance; Sulfur Dioxide; ...1.0380

HF-AIR POLLUTION AND INTERMEDIARY METABOLISM ...Adenosine Diphosphate; Agropyron; Herbicides and Other Chem; Nitrogen Metabolism; Respiration; Triticum; ...1.0427

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific, Bioindicators; Energy Conversion; Inorganic Gases; Mathematical Models; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general, ...1.0433

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES. I. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE ...Algae - Chlorophyta; Chemical Mutagenesis; Industrial Wastes; Metabolism of Algacides; Plant Ecology -nonspecific; Radiation Sources -general, X and Gamma Rays; ...2.0027

ALGAE DEGRADATION IN WATERWAYS ...Algae -nonspecific; Algal Pollutant Sources; Contamination - Water; Environmental Influences; Light, ...2.0043

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Bacterial Ecology, Degradation -see Pesticide Deg, Mathematical Models; Nutrients; Rehabilitation -streams -lakes; Sewage; Water Pollution -see Specifics, ...2.0552

THE INVESTIGATION AND ANALYSIS OF BIOCHEMICAL PROCESSES OF AQUATIC ORGANISMS UNDER STRESS ...Animal Pharmacology; Biochemical Analysis - Tissues; Cellular Physiology- Env. Eff., Fish; Physiological Effects; Toxic Substances; Water Standards & Baselines, ...2.0639

EVALUATION OF SOME ENVIRONMENTAL CONDITIONS CAUSING ALGAL BLOOMS ...Algae - Chrysophyta-cf Diatoms; Cellular Metabolism - Controls; Cellular Physiology- Env. Eff., Eutrophication, ...2.0686

BACTERIOLOGY OF BIODEGRADABLE SURFACTANTS ...Bacilli -nonspecific; Bacterial Morphology; Degradation -see Pesticide Deg; Escherichia Coli; Phenols; Staphylococcus -nonspecific; Surfactants -see Detergents, ...2.1492

EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON ...Algal Physiology, Bioassays; Cellular Physiology- Env. Eff., Contamination - Water; Estuaries; Petroleum Wastes - Spillage; Phytoplankton; Zooplankton; ...2.1703

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; Tracers, ...2.1731

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology, Bacterial Pollutant Sources; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment -general; ...2.1775

ISOLATION OF LYTIC AGENTS RELATED TO SPHAEROTILUS ...Activated Sludge; Bacillus Cereus; Geotrichum; Sewage; Sewage Bacteria; Sphaerotilus; ...3.0334

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water), Aquatic Ecology - Animal; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Drainage, Herbicides and Other Chem; Nitrification; Pesticide Degradation - see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specific; Trifluralin; Turf; ...4.0481

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Cucurbit; Dicamba; Herbicides and Other Chem; Medicago; Pesticide Application Rates; Plant Resistance; Pyrazon; ...4.0495

BIOCHEMICAL BASIS OF ORGANOPHOSPHATE PESTICIDE EFFECTS ON FUNCTION ...DFP; Laboratory Animals; Organophosphorous Cpds.; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0611

SUBLIMINAL PHARMACOLOGY AND CARCINOGENESIS ...Chemical Carcinogenesis; Cytotoxin; Environmental Carcinogenesis; Food Contamination; Mammals -nonspecific; Toxicology; ...4.0659

ANALYSIS OF BIO-ACTIVE CHEMICALS FOR POSSIBLE HAZARDOUS PROPERTIES ...Air Pollution -see Specifics, Chemical Analysis; Insecticides -nonspecific; Pesticide Toxicity in Humans; Preventative Measures; ...4.0672

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Fish; Pesticide Action on Animals; Pesticides -nonspecific, Pesticides -see Pesticide; Physiological Effects; ...4.0726

DEVELOPMENT AND APPLICATION OF QUANTITATIVE CELL CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Bioassays; Cellular Viability; Hydrogen; Physiological Effects; Water Pollutant Identification; Zinc; ...4.0840

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; D, 2,4-; Dicamba; Herbicides and Other Chem; Pesticide Action on Plants; Phaseolus; Propachlor; Translocation; ...4.0875

EFFECTS OF PESTICIDES ON PROTEIN, CARBOHYDRATE, AND NUCLEIC ACID METABOLISM INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Bacteria -nonspecific; Cellular Biosynthesis; Microorganism-see Cell Catab.; Pesticide Action on Animals; Pesticides -nonspecific; Yeasts -nonspecific; ...4.0961

EFFECT OF PESTICIDES ON ENZYMES ...Caldariomyces; Cellular Catabolism-see Degrad; DDT; Gel Chromatography; Parathion; ...4.1031

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis; Quinone Cpds. - nonspecific; Triazines -nonspecific; ...4.1086

A STUDY OF LASER DAMAGE TO BIOLOGICAL MATERIALS ...Laser Effects -bioeffects; Noise; Radiation Effects - Biological; ...5.0019

RADIOMIMETIC EFFECT OF DRUGS AND FOOD ADDITIVES ...Allium; Antioxidants -nonspecific; Chemical Mutagenesis; Insecticides -nonspecific; Pathological Physiology; ...5.0033

TISSUE CULTURE RESEARCH AND PLANS FOR ITS EXTENSION ...Californium; Cellular Repair Mechanisms; Ionic Effect; Plants; Radiation Effects - Biological; Radium; ...5.0056

ULTRAVIOLET LIGHT EFFECTS ON NUCLEIC ACID FORMATION AND GENETIC EVENTS IN BACTERIA ...Bacteria -nonspecific; Cellular Biosynthesis; Cellular Repair Mechanisms; Physical Mutagenesis; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0067

THE EFFECT OF RADIATION ON DENTAL TISSUES ...Muridae; Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0092

THE ROLE OF ENERGY METABOLISM IN REPAIR AND MACROMOLECULE SYNTHESIS AFTER IRRADIATION ...Adenosine Triphosphate; Biological Dosimetry; Cellular Repair Mechanisms; Dose Rate; Dose Fractionation; Radiation Injury Prevention; ...5.0094

RADIATION INDUCED CHANGES IN NEONATAL NERVOUS SYSTEM ...Cellular Biosynthesis; Developmental Physiology; Metabolism & Metab. Diseases; Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0097

RADIATION STUDIES ON CELL POPULATIONS ...Cancer; Ionizing Radiation -see Rad.; Radiation; Radiation Injury Prevention; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0107

MAMMALIAN STUDIES WITH ACCELERATORS GERMFREE RESEARCH ...Cobalt; Digestive System - Human; Muridae; Protons; Radiation; Radiation Sensitivity -man; Radiation, Lethal Dose; ...5.0124

KINETICS OF HEMATOPOIETIC REPOPULATION FOLLOWING IRRADIATION INJURY ...Bacterial Endotoxins; Kinetics; Radiation; Radiation Injury Prevention; Radiation, Low Level; ...5.0135

RADIATION EFFECTS ON DIFFERENTIATION AND TISSUE CONTROL ...Bacteria -nonspecific; Fungi -nonspecific; Invertebrates; Physical Mutagenesis; Radiation Carcinogenesis; Radiation, Low Level; X and Gamma Rays; ...5.0138

BIOLOGICAL CONTROL PROCESSES AND RADIATION ...Bacteriophage; Cellular Biosynthesis; Escherichia Coli; Metabolism and Biochemistry; Radiation; ...5.0142

RADIATION STUDIES ON ISOLATED CHROMOSOMES ...Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Sources - general; X and Gamma Rays; ...5.0157

RADIATION DAMAGE AND ITS REPAIR IN HUMAN CHROMOSOMES ...Cellular Metabolism - Controls; Kinetics; Radiation, Low Level; Ultra Violet Radiation; ...5.0158

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

GENETICS OF RADIATION AND RADIOMIMETIC AGENTS ...Bacteria -nonspecific; Bacterial Population Surveys; Cellular Metabolism - Controls; Radiation Injury Prevention; Radiation Resistance; Radiation Sensitivity -man; Radiation Sources - general; ...5.0167

PHOTO- AND RADIOCHEMICAL REACTIONS OF NUCLEIC ACIDS ...Bacteria -nonspecific; Cellular Repair Mechanisms; Kinetics; Radiation; Radiation Chemistry -biophys.; X and Gamma Rays; ...5.0170

THE EFFECT OF LASER ENERGY ON CELLS IN TISSUE CULTURES ...Laser Effects -bioeffects; Military Personnel; Occupational Hazards; ...5.0173

BASIC STUDIES OF THE IMMUNE RESPONSE AND THE EFFECT OF RADIATION ON THIS RESPONSE ...Mammals -nonspecific; Radiation Effects - Biological; Radioisotopes -nonspecific; Urine; Viruses - Animal; ...5.0178

ESTIMATING THE GENETIC HAZARDS OF ENVIRONMENTAL AGENTS ...Environmental Carcinogenesis; Plants; Radiation Carcinogenesis; Vicia; ...5.0179

RADIATION EFFECTS ON CAPILLARIES AND STROMAL ELEMENTS ...Actinomycin; Muridae; Radiation; Radiation Injury Prevention; ...5.0180

CHROMOSOME STRUCTURE AS REVEALED BY RADIATION STUDIES ...Cellular Repair Mechanisms; Cricetus; Radiation; Radiation Sources -general; Vicia; ...5.0182

CELLULAR AND MOLECULAR STUDIES OF RADIATION DAMAGE AND REPAIR IN CULTURED MAMMALIAN CELLS ...Anoxia and Hypoxia; Beta Particles; Cellular Repair Mechanisms; Cricetus; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0185

COMPARISON OF ULTRA-VIOLET AND X-RAY DAMAGE IN THE PROGENY OF IRRADIATED CELLS - STUDY OF PROTEIN AND RNA SYNTHESIS IN OEDOGONIUM ...Algae - Chlorophyta; Algal Physiology; Radiation; Ultra Violet Radiation; ...5.0186

CELLULAR RESPONSES TO IRRADIATION ...Biological Basis; Cellular Biosynthesis; Cricetus; Radiation Sensitivity -man; X and Gamma Rays; ...5.0208

REPAIR OF RADIATION DAMAGE TO CELLULAR DNA ...Cellular Repair Mechanisms; Cricetus; Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0209

EXPERIMENTAL EMBRYOGENESIS AND HISTOGENESIS IN PINUS LAMBERTIANA ...Growth Substances; Microscopic Spectrophotometry; Pinus Lambertiana; Plants; Reproductive Physiology; Spectrographic Techniques; Translocation; ...5.0212

STUDIES ON THE EFFECTS OF RADIATIONS ON DNA ...Bacteria -nonspecific; Microorganisms; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0213

PREVENTION OF RADIATION DAMAGE IN BONE ...Mammals -nonspecific; Radiation Injury Prevention; Radiation Sensitivity - man; Tetracycline; X and Gamma Rays; ...5.0236

RESPONSE OF CELLS DERIVED FROM SJTS INJURED BY PHYSICAL TRAUMA, RADIATION OR INFECTIOUS AGT EXPOSURE ...Biological Dosimetry; Cercopithecoidea; Military Personnel; Occupational Hazards; Radiation; Radiologic Health; Trauma; ...5.0241

AFRRI RADIATION CHEMISTRY PROGRAM ...Chemical Mechanisms & Kinetics; Ionizing Radiation -see Rad.; Radiation Chemistry -biophys.; Radiation Injury Prevention; ...5.0242

ALTERATION INDUCED BY X-RAY & ULTRAVIOLET LIGHT ON THE SYNTHESIS & MAINTENANCE OF MACROMOLECULAR COMPONENTS WITHIN MICROORGANISMS ...Bacteria -nonspecific; Cellular Metabolism - Controls; Cellular Viability; Radiation; Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0244

LASER SAFETY IN MILITARY TRAINING DEVICES ...Accident, Laser Effects -bioeffects; Lasers and Masers; Military Personnel, Occupational Hazards; ...5.0248

LASER ACTION ON LIVING CELLS ...Hyperthermal; Laser Effects -bioeffects; ...5.0255

NEUTRON AND GAMMA RAY TOXICITY STUDIES EMPLOYING THE JANUS BIOLOGY REACTOR COMPLEX ...Accident, Aging; Digestive System - Human; Occupational Hazards; Radiation Effects - Biological; Radiation, Lethal Dose; Rodentia -other; ...5.0278

TOXICITY OF TRITIUM-LABELED COMPOUNDS ...Beta Particles, Cell Membrane Permeability; Cellular Catabolism-see Degrad; Hydrogen; Radiation; Reactor Sites & Rad Waste; ...5.0280

ULTRASTRUCTURE CHANGES ASSOCIATED WITH CELL DIFFERENTIATION IN NORMAL AND IRRADIATED ORGANISMS ...Antibiotics -nonspecific; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0292

KINETIC MODELS OF PHOTOREACTIVATION IN BACTERIA ...Bacteria -nonspecific; Cellular Repair Mechanisms; Metabolism and Biochemistry; Poisson Distributions; Radiation -see Specifics; ...5.0295

PHOTOINACTIVATION AND CELLULAR REPAIR ...Cellular Repair Mechanisms; Dyes -nonspecific; Escherichia Coli; Radiation; Radiation -see Specifics; Ultra Violet Radiation; ...5.0296

EFFECTS OF RADIATION AND DRUGS ON HAIR AND HAIR GROWTH ...Muridae; Radiation; Radiation Effects - Biological; ...5.0300

THE MECHANISM OF THE CELL MEDIATED IMMUNE RESPONSE ...Cellular Biosynthesis; Gallus Domesticus; Injury and Shock; Radiation; Radiation Effects - Biological; ...5.0304

PROTECTION AGAINST RADIATION DAMAGE TO CHROMOSOMES ...Adenosine Triphosphate; Cellular Repair Mechanisms; Lethal Mutation; Radiation; ...5.0310

RADIATION INDUCED CHROMOSOME DAMAGE AND CELL RESPONSE ...Cellular Repair Mechanisms; Mammals -nonspecific; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0311

ELECTRON MICROSCOPE STUDIES OF IRRADIATED BLOOD LYMPHOCYTES IN VITRO ...Radiation; Radiation Sources - general; ...5.0315

EFFECTS OF GAMMA-IRRADIATION ON DNA TRANSCRIPTION AND RNA TRANSLATION IN PLANTS ...Chenopodiaceae; Nitrogen Metabolism; Plants; Radiation Effects -see Rad.; ...5.0322

KINETIC AND BIOCHEMICAL ANALYSIS OF ANTI-ACTING RADIATION RECOVERY SYSTEMS IN ESCHERICHIA COLI ...Bacterial Population Surveys; Cellular Biosynthesis; Cellular Repair Mechanisms; Escherichia Coli; Microorganisms; Radiation; Radiation Sensitivity -man; ...5.0334

GENETICS OF CANDIDA ALBICANS ...NUTRITIONAL MUTAGENESIS AND COMPARATIVE SUSCEPTIBILITY TO ULTRAVIOLET IRRADIATION ...Candida; Cellular Repair Mechanisms; Evolution; Hartsenia; Physical Mutagenesis; Radiation; Taxonomy -plant; ...5.0335

LASER EFFECTS UPON VISUAL PERFORMANCE ...Cercopithecoidea; Light; Psychology; Radiation -see Specifics; Sensory & Perceptual Processes; ...5.0336

RADICAL AND RADIATION CHEMISTRY OF SULFUR COMPOUNDS ...Free Radical Reactions; Photolysis; Radiation Chemistry -biophys.; Radiolysis; ...5.0341

CONTROL OF CELL GROWTH, DIFFERENTIATION AND FUNCTION ...Cellular Physiology- Env. Eff.; Gases; Ionic Effect; Radiation Injury Prevention; Tumor Pathology; Water Movement, Osmosis; X and Gamma Rays; ...5.0347

MORPHOLOGICAL AND HISTOCHEMICAL CHANGES IN BONE CELLS AFTER IRRADIATION - A LIGHT AND ELECTRON MICROSCOPIC STUDY ...Calcium; Hydrogen; Plutonium; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0350

RADIATION AND RADIOBIOLOGY RESEARCH CENTER ...Cancer; Hyperthermal; Radiation; Radiation Effects - Biological; Radiation Sources -general; Research Facilities; X and Gamma Rays; ...5.0354

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - I. MECHANISMS OF RADIATION DAMAGE IN PLANT CELLS ...Growth Substances; Hordeum Vulgare; Phaseolus; Plants; Radiation; Radiation Effects -see Rad.; X and Gamma Rays; ...5.0356

AIRCREW VISUAL IMPAIRMENT/INJURY THRESHOLDS FROM NUCLEAR WEAPONS ...Mammals -nonspecific; Nuclear Warfare; Radiation; Radiation Dose Studies-general; Radiologic Health; ...5.0357

THE EFFECTS OF IONIZING RADIATION ON MACROMOLECULES OF BIOLOGICAL IMPORTANCE ...Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0364

THE MECHANISM OF RADIATION SENSITIZATION BY 5-BROMODEOXYURIDINE IN CULTURED CHINESE HAMSTER CELLS ...Cricetus; Mammals -nonspecific; Radiation Chemistry -biophys.; Tumor Pathology; ...5.0366

RADIATION RESPONSE OF MAMMALIAN CELLS ...Cellular Repair Mechanisms; Mammals -nonspecific; Radiation; Radiation Effects - Biological; ...5.0380

DERMATOLOGIC REACTIONS INDUCED BY SOLAR RADIATION ...Burns; Cellular Repair Mechanisms; Light-catalyzed; Mechanism Determination; Radiation Injury Prevention; Radiation Sources -general; Ultra Violet Radiation; ...5.0381

EFFECTS OF RADIATION ON STATIONARY CELLS ...Radiation; Radiation, Lethal Dose; Tumor Pathology; X and Gamma Rays; ...5.0384

CAROTENOID PIGMENTS AND PHOTOTOXICITY AND PHOTOPROTECTION IN BACTERIA ...Bacterial Studies - general; Light; Radiation -see Specifics; Sarcina -nonspecific; ...5.0385

THE EFFECT OF IRRADIATION ON THE BIOCHEMICAL CHANGES OF MAMMALIAN CELLS IN THE ABSENCE AND PRESENCE OF PARTICULATE MATERIAL ...Aldehydes -nonspecific; Cancer; Phagocytosis; Radiation; Radiation Sensitivity - man; Radiation, Low Level; X and Gamma Rays; ...5.0388

THE EFFECT OF LASER RADIATION ON BIOLOGICAL SYSTEMS ...Laser Effects -bioeffects; Radiation Effects - Biological; ...5.0390

SOME ASPECTS OF THE MECHANISM OF BACTERIOPHAGE REPLICATION ...Bacteriophage; Escherichia Coli; Microorganisms; Physical Mutagenesis; X and Gamma Rays; ...5.0398

BIOCHEMICAL CHANGES CAUSED BY RADIATION INACTIVATION ...Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0407

EFFECTS OF IRRADIATION ON LICHENS AND LICHEN-FORMING FUNGI AND ALGAE ...Algae -nonspecific; Algal Physiology; Ascomycetes -nonspecific; Cell Membrane Permeability; Radiation; Radiation Effects on Fungi; Symbiosis - Plants; ...5.0410

CELLULAR PROLIFERATION AND REGENERATION FOLLOWING TISSUE DAMAGE ...Cellular Biosynthesis; Cellular Metabolism - Controls; Healing; Injury and Shock; Radiation; Radiation Effects - Biological; ...5.0412

EFFECTS OF X-RAYS ON NORMAL AND MALIGNANT CELLS ...Cellular Biosynthesis; Cellular Viability; Radiation; Radiation Effects - Biological; Radiation, Lethal Dose; Tumor Pathology; X and Gamma Rays; ...5.0416

CHROMOSOME ABERRATIONS PRODUCED BY INTERNALLY DEPOSITED RADIOACTIVE MATERIALS IN THE CHINESE HAMSTER ...Alpha Particles; Beta Particles; Cellular Model Systems; Cerium; Digestive System - Human; Radiation Injury Prevention; Strontium; ...5.0433

MACROMOLECULAR RADIATION PATHOLOGY ...Biochemical Analysis - Tissues; Radiation; Radiation Chemistry -biophys.; Radiation Dose Studies-general; X and Gamma Rays; ...5.0453

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLET AND X-IRRADIATION DAMAGE ...Bacterial Population Surveys; Cellular Repair Mechanisms; Haemophilus Sp; Mutagenesis -nonspecific; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0455

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLETAND X-IRRADIATION DAMAGE ...Bacterial Morphology; Cellular Biosynthesis; Cellular Repair Mechanisms; Cellular Viability; Haemophilus Sp; Microorganisms; Radiation; ...5.0456

INFLUENCE OF HIGH LET RADIATIONS ON DIVISION DELAY AND SURVIVAL OF MAMMALIAN CELLS IN VITRO ...Cancer; Cellular Repair Mechanisms; Cobalt; Ionic Effect; Neutron -see Radiation; Vertebrates Excl. Man; X and Gamma Rays; ...5.0461

GENETIC EFFECTS OF PROGENITOR X-RAY EXPOSURE ON REPRODUCTION AND DEVELOPMENT IN PROGENY ...Mammals nnonspecific; Radiation Effects - Biological; X and Gamma Rays; ...5.0469

RADIATION-INDUCED DIVISION DELAY AND RECOVERY ...Cellular Biosynthesis; Cellular Repair Mechanisms; Cellular Viability; Hypothermal; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0472

RNA SYNTHESIS IN MAMMALIAN CELLS AFTER RADIATION ...Cancer; Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation; Radiation Sources -general; ...5.0474

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS ...Bacteriophage; Cellular Biosynthesis; Escherichia Coli; Microorganisms; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0478

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Gases; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

THE CELLULAR AND MOLECULAR BASIS OF RECOVERY FROM RADIATION INJURY ...Cellular Biosynthesis; Cellular Metabolism - Controls; Cellular Repair Mechanisms; Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0501

CELLULAR PARAMETERS OF RADIOSENSITIVITY ...Cellular Repair Mechanisms; Plants; Radiation Effects -see Rad.; Radiation Sensitivity -man; Vicia; X and Gamma Rays; ...5.0504

MODIFICATION OF RADIATION INDUCED PULMONARY FIBROSIS ...Canidae; Radiation; Radiation Sources -general; Respiratory Disease; ...5.0507

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS (ABBREV) ...Arabidopsis; Fast Neutrons; Physical Mutagenesis; Radiation Effects -see Rad.; Zea Mays - Field Corn; ...5.0533

RADIATION CYTOGENETICS OF HIGHER PLANTS ...Arabidopsis; Growth; Neutron -see Radiation; Protons; Somatic Mutation; Zea Mays - Field Corn; ...5.0534

RADIATION RECOVERY MECHANISMS OF G1 AND G2 CELLS IN THE MITOTIC CYCLE OF PISUM ROOT MERISTEMS ...Cellular Repair Mechanisms; Growth; Nucleic Acid Compounds; Plants; Radiation Effects -see Rad.; Radioisotopes -nonspecific; ...5.0538

GENETIC EFFECTS OF ACUTE BETA IRRADIATION FROM SIMULATED FALLOUT PARTICLES UPON NATURAL POPULATIONS OF VIGUIERA PORTERI ...Beta Particles; Compositae; Plants; Radiation Effects -see Rad.; Seeds; ...5.0546

DNA REPAIR IN LYMPHOCYTES ...Bacteria -nonspecific; Cellular Repair Mechanisms; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0553

RADIATION EFFECTS ON CELL AND POPULATIONS DYNAMICS OF U-12 FIBROBLASTS ...Cellular Catabolism-see Degrad; Computer Methods -general; Population - Growth; Radiation; Radiation, Low Level; X and Gamma Rays; ...5.0560

RADIATION RESPONSE OF THE CELL MEMBRANE ...Ionic Effect; Kinetics; Permeability; Radiation; Radiation Dose Studies-general; X and Gamma Rays; ...5.0562

TRANSCRIPTION OF RNA & TRANSLATION OF ENZYMES DURING MITOTIC CYCLE OF PHYSARUM POLYCEPHALUM & RADIATION EFFECTS (ABBREV) ...Cellular Biosynthesis; Microorganisms; Myxomycetes; Radiation; Radiation Effects on Fungi; X and Gamma Rays; ...5.0565

EFFECTS OF RADIATION ON PERMEABILITY AND ENZYMES OF SKIN ...Injury and Shock; Permeability; Phagocytosis; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0575

UV MICROBEAM STUDIES OF MITOSIS ...Radiation; Ultra Violet Radiation; ...5.0578

RADIATION EFFECTS ON NUCLEIC ACIDS AND PROTECTION ...Carbon; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Radiation Injury Prevention; X and Gamma Rays; ...5.0579

RADIATION EFFECTS ON ERYTHROCYTE SODIUM AND POTASSIUM ...Permeability; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0580

EFFECT OF IONIZING RADIATION ON THE DISTRIBUTION OF DEOXYRIBONUCLEASES AND PHOSPHATASES IN SUBCELLULAR FRACTIONS OF GUINEA PIG EPIDERMIS ...Beta Particles; Cellular Biosynthesis; Injury and Shock; Radiation Effects - Biological; ...5.0582

BASIC ASPECTS OF THE ACTION OF RADIATION ON MICROORGANISMS ...Bacillus Subtilis; Bacteriophage; Cellular Repair Mechanisms; Microorganisms; Radiation Injury Prevention; Radiation Sources -general; ...5.0595

STUDIES ON RADIATION-INDUCED HERITABLE LESIONS IN SOMATIC CELLS ...Cellular Repair Mechanisms; Physical Mutagenesis; Radiation; X and Gamma Rays; ...5.0598

EFFECTS OF ULTRAVIOLET RADIATION ON ALGAE - MECHANISMS OF INACTIVATION AND REPAIR ...Algae - Chlorophyta; Algae - Euglenophyta; Algal Physiology; Cellular Repair Mechanisms; Plants; Radiation; Ultra Violet Radiation; ...5.0607

DOSE-TIME FACTORS INFLUENCING CELLULAR RADIOSENSITIVITY ...Anoxia and Hypoxia; Mammals -nonspecific; Radiation Sensitivity -man; X and Gamma Rays; ...5.0624

RADIATION MUTAGENESIS IN MAMMALIAN CELLS IN VITRO ...Cellular Viability; Mutation Types -other; Radiation; Radiation Sensitivity -man; Reversion Mutation; X and Gamma Rays; ...5.0630

MAINTENANCE OF MEMBRANE INTEGRITY IN MAMMALIAN CELLS ...Cellular Repair Mechanisms; Radiation; Radiation, Lethal Dose; Ultraviolet Spectroscopy; ...5.0631

STRUCTURE OF THE SPORE-TYPE PHOTOPRODUCT ...Bacteria -nonspecific; Bacterial Morphology; Microorganisms; Radiation; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0639

RADIATION RESPONSE OF A SUB S SPERMATOGONIA ...Kinetics; Radiation; Radiation Sources -general; Rate of Mutation; ...5.0642

X-RAY-INDUCED DAMAGE TO THE DNA OF HAEMOPHILUS INFLUENZAE AND CELLULAR RESPONSE TO THAT DAMAGE ...Bacterial Population Surveys; Cellular Biosynthesis; Kinetics; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0644

THE CONTROL OF RESPIRATION IN UV-IRRADIATED BACTERIA AND ITS SIGNIFICANCE IN RECOVERY FROM RADIATION DAMAGE ...Bacterial Studies -general; Cellular Repair Mechanisms; Escherichia Coli; Hyperthermal; Microorganisms; Radiation; Ultra Violet Radiation; ...5.0648

EARLY EFFECTS OF 14 MEV NEUTRON IRRADIATION IN SWINE ...Injury and Shock; Neutron -see Radiation; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0660

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Bacteria -nonspecific; Gases; Microorganisms; Plants; Radiation; Temperature; X and Gamma Rays; ...5.0677

PHYSICO-CHEMICAL STUDIES ON IRRADIATED CELLS ...Cellular Physiology- Env. Eff.; Physical Mutagenesis; Radiation; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Radiation Sources -general; ...5.0678

EFFECTS OF UV ON GENETIC MATERIAL ...Bacteria -nonspecific; Bacteriophage; Cellular Repair Mechanisms; Dose Rate; Dose Fractionation; Radiation; Streptomycin; ...5.0684

PHOTOREPAIR OF UV DAMAGE TO DNA - PURIFICATION & PROPERTIES OF THE DNA-PYRIMIDINE DIMER PHOTOMONOMERASE (ABBREV) ...Cellular Repair Mechanisms; Cyanides; Photochromism; Plants; Radiation Injury Prevention; Yeasts -nonspecific; ...5.0685

RADIATION RESPONSE OF IN VITRO MAMMALIAN CELLS ...Cancer; Cellular Model Systems; Cellular Viability; Ionizing Radiation -see Rad.; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0693

RADIATION AND BIOPHYSICAL STUDIES ON VIRUSES AND CELLS ...Cellular Repair Mechanisms; Mammals -nonspecific; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0694

THE RADIOBIOLOGY OF NORMAL TISSUES ...Cancer; Cellular Repair Mechanisms; Healing; Radiation; X and Gamma Rays; ...5.0696

EFFECTS OF X-IRRADIATION ON THE HUMAN TESTIS - AN ELECTRON MICROSCOPE CYTOCHEMICAL STUDY ...Cellular Repair Mechanisms; Radiation; Radiation Dose Studies-general; X and Gamma Rays; ...5.0697

LASER DAMAGE THRESHOLDS IN LIVING CELLS FOR OPERATIONAL SAFETY CRITERIA ...Laser Effects -bioeffects; Occupational Hazards; Radiation Dose Studies-general; ...5.0706

RADIOSENSITIVITY OF GENETIC STRUCTURES AND MOLECULAR BASIS OF RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIATIONS OF DIFFERENT QUALITIES ...Bacteria -nonspecific; Physical Mutagenesis; Radiation; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Yeasts -nonspecific; ...5.0712

EFFECT OF IONIZING RADIATION ON ISOLATED CELL NUCLEI ...Permeability; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0760

RADIATION EFFECT ON PROTEIN & NUCLEIC ACID METABOLISM ...Cancer; Cellular Repair Mechanisms; Radiation Injury Prevention; X and Gamma Rays; ...5.0767

PHOTOBIOLOGICAL STUDIES ON EARLY DEVELOPMENT ...Echinodermata; Embryology -basic; Invertebrates; Radiation; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0768

THE DETECTION AND ANALYSIS OF MUTAGENS ...Bacteria - nonspecific; Chemical Mutagenesis; Evolution; Microorganisms; Radiation; ...5.0773

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Cellular Viability; Ionizing Radiation -see Rad.; Protons; Radiation -see Specifics; Radiation Sensitivity -man; Radioactive Isotopes; X and Gamma Rays; ...5.0776

REPAIR OF RADIATION-DAMAGED DNA IN HUMAN AND OTHER MAMMALIAN CELLS ...Bos; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0791

STUDIES OF ENDOGENOUS SULFHYDRYL GROUPS ...Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation; Radiation Sensitivity -man; Sulfhydryl Compounds; X and Gamma Rays; ...5.0792

PHYSICAL AND PHYSIOLOGICAL COMPONENTS OF RADIATION EFFECTS IN CELLS ...Bacillus Megaterium; Bacterial Morphology; Microorganisms; Radiation; Staphylococcus Aureus; ...5.0829

MODELS AND MECHANISMS OF THE EFFECTS OF LASER RADIATION ON BIOLOGICAL SYSTEMS ...Laser Effects - bioeffects; Lasers and Masers; Mathematical Models; Minimum Or Threshold Dose; Radiation Effects - Biological; ...5.0845

CONTROL OF ION CONTENT OF CELLS ...Active Transport; Cellular Model Systems; Ionic Effect; Microorganisms; Potassium; Strontium; Zooplankton; ...5.0886

RADIOLOGICAL PHYSICS ...Alpha Particles; Cellular Viability; Dosimetry; Minimum Or Threshold Dose; Radiation; Spectrographic Techniques; ...5.0892

RELATIONSHIP OF PLOIDY, CHROMOSOME SIZE AND RADIOSENSITIVITY ...Cobalt; Neutron -see Radiation; Pollens - see Air Pollution; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0899

ULTRAVIOLET DOSIMETRY ...Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0903

ROLE OF 2-DEOXYGLUCOSE AND OTHER METABOLIC INHIBITORS ON THE RADIATION SENSITIVITY OF CULTURED MAMMALIAN CELLS ...Cellular Repair Mechanisms; Ionic Effect; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0909

NAVY ENVIRONMENT - MEASUREMENT OF TISSUE DAMAGE IN NAVY PERSONNEL EXPOSED TO IONIZING RADIATION IN THE LINE OF DUTY ...Ionizing Radiation -see Rad.; Occupational Hazards; Radioactive Hazard; X and Gamma Rays; ...5.0913

RELATIONSHIP OF LOCAL RADIATION DOSE OF BONE-SEEKING RADIONUCLIDES TO DAMAGE ...Aging; Canidae; Radiation Carcinogenesis; Radium; ...5.0951

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Cell Membrane Permeability; Chlorophyll; Electronic Components; Permeability; Physical Control; Potamogetonaceae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

Cell Membrane Permeability

STRUCTURE AND FUNCTION IN TRANSPORTING EPITHELIA ...Contamination -see Air & Water; Water Movement; Osmosis; ...1.0200

STUDY OF MICROBIOLOGICAL-BIOCHEMICAL PHOSPHATE SORPTION MECHANISM BY ACTIVATED SLUDGE ...Absorption - Chemistry; Activated; Bacterial Identification; Mechanism Determination; Recycle Water; Sewage Bacteria; ...2.0737

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment - general; ...2.1775

DEVELOPMENT & APPLICATION OF QUANTITATIVE TISSUE CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Cellular Model Systems; Ionic Effect; Rotenone; Water Pollutant Identification; ...4.1108

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

TOXICITY OF TRITIUM-LABELED COMPOUNDS ...Beta Particles; Cellular Catabolism-see Degrad; Hydrogen; Radiation; Reactor Sites & Rad Waste; ...5.0280

EFFECTS OF IRRADIATION ON LICHENS AND LICHEN-FORMING FUNGI AND ALGAE ...Algae -nonspecific; Algal Physiology; Ascomycetes -nonspecific; Radiation; Radiation Effects on Fungi; Symbiosis - Plants; ...5.0410

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS ...Bacteriophage; Cell Injury and Autolysis; Cellular Biosynthesis; Escherichia Coli; Microorganisms; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0478

THE RELATIONSHIP OF RADIATION SENSITIVITY TO ALTERATIONS IN THE DNA OF B. SUBTILIS ...Bacillus Subtilis; Bacterial Morphology; Cellular Catabolism-see Degrad; Microorganisms; Radiation Sensitivity -man; Ultra Violet Radiation; X and Gamma Rays; ...5.0564

EFFECT OF WHOLE BODY X- AND GAMMA-IRRADIATION ON THE BIOSYNTHESIS OF CERTAIN SERUM PROTEINS ...Cellular Metabolism - Controls; Permeability; Radiation; Lethal Dose; Stressors, Physiological; X and Gamma Rays; ...5.0606

DISTRIBUTION OF PB-210 IN CANINE BLOOD AFTER INTRAVENOUS INJECTION & ASSOCIATION OF NUCLIDE WITH BLOOD CONSTITUENTS IN DOGS & HUMANS (ABBRE ...Canidae; Lead; Radiation Injury Prevention; ...5.0724

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Chlorophyll; Electronic Components; Permeability; Physical Control; Potamogetonaceae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

ELECTRICAL AND ACOUSTICAL STUDIES OF CELLS ...Acoustics; Bacteria -nonspecific; Bacterial Studies -general; Ionic Effect; Permeability; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0098

Active Transport

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff, Amiben; Atrazine; Cyperaceae; Malvaceae, Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

EFFECT OF IRRADIATION ON MEMBRANE AND TRANSPORT CHARACTERISTICS OF ISOLATED FROG SKIN ...Electrical Current -bioeffects; Mathematical Models; Permeability; Radiation; Radiation Dose Studies-general; X and Gamma Rays; ...5.0095

DYNAMIC ASPECTS OF SKELETAL METABOLISM ...Gallus Domesticus; Radiation Effects - Biological; Radioisotopes -nonspecific; ...5.0509

CONTROL OF ION CONTENT OF CELLS ...Cell Injury and Autolysis; Cellular Model Systems; Ionic Effect; Microorganisms; Potassium; Strontium; Zooplankton; ...5.0886

Gases

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Organics; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1299

Passive Transport, Diffusion

BACTERIOLOGY OF BIODEGRADABLE SURFACTANTS ...Bacilli -nonspecific; Bacterial Morphology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Escherichia Coli; Phenols; Staphylococcus -nonspecific; Surfactants -see Detergents; ...2.1492

MODIFICATION OF RADIATION RESPONSE IN VITRO ...Anoxia and Hypoxia; Cellular Repair Mechanisms; Cricetus; Mammals -nonspecific; Radiation; Toxic Substances; ...5.0169

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS ...Absorption (incl. Adsorption); Calcium; Cellular Biosynthesis; Ion Transport and Elect. Pot.; Mineral Nutrition; Radioactive Fallout-cf Fallout; Soil Temp. -non-specific; Zinc; ...5.0409

RESPONSE OF LIVING CELLS TO HIGH INTENSITY PULSED ELECTRONS AND EXAMINATION OF OXYGEN DIFFUSION KINETICS IN CELLS ...Anoxia and Hypoxia; Cancer; Metabol-

ism and Biochemistry; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0491

RADIATION EFFECTS ON CHYLOMICRON SYNTHESIS AND CAPILLARY PERMEABILITY IN MICE ...Cellular Biosynthesis; Digestive System - Human; Muridae; Permeability; Radiation, Radiation, Whole Body; ...5.0738

Permeability

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY IN CITRUS ...Air Pollution -see Specifics; Carbon; Citrus; Gossypium; Nitrogen Metabolism; ...1.0321

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Humidity; Northeast U. S.; Solanaceae; Vegetables; ...1.0369

HF-AIR POLLUTION AND INTERMEDIARY METABOLISM ...Adenosine Diphosphate; Agropyron; Herbicides and Other Chem; Nitrogen Metabolism; Respiration; Triticum; ...1.0427

ELECTRICAL STIMULATION OF MICROBIAL WASTE TREATMENT ...Electric Field; Microorganisms -nonspecific; Sewage - Domestic; Waste Water Treatment -general; ...3.0180

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

STUDY OF THE PRODUCTION AND DISTRIBUTION OF THE CHOLINESTERASE ENZYME IN ORGANOPHOSPHOROUS POISONING ...Disulfoton; Handling & Application; Muridae; Pesticide Action on Animals; Toxicology; ...4.0810

EFFECT OF IRRADIATION ON MEMBRANE AND TRANSPORT CHARACTERISTICS OF ISOLATED FROG SKIN ...Active Transport; Electrical Current -bioeffects; Mathematical Models; Radiation; Radiation Dose Studies-general; X and Gamma Rays; ...5.0095

THEORETICAL INVESTIGATION OF ELECTRON LET SPECTRA AND DOSE RELATIONSHIP FOR IONIZING RADIATIONS ...Beta Particles; Dosimetry; Metabolism and Biochemistry; Radiation Chemistry -biophys.; Spectrographic Techniques; ...5.0492

RADIATION RESPONSE OF THE CELL MEMBRANE ...Cell Injury and Autolysis; Ionic Effect; Kinetics; Radiation; Radiation Dose Studies-general; X and Gamma Rays; ...5.0562

EFFECTS OF RADIATION ON PERMEABILITY AND ENZYMES OF SKIN ...Cell Injury and Autolysis; Injury and Shock; Phagocytosis; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0575

RADIATION EFFECTS ON ERYTHROCYTE SODIUM AND POTASSIUM ...Cell Injury and Autolysis; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0580

EFFECT OF WHOLE BODY X- AND GAMMA-IRRADIATION ON THE BIOSYNTHESIS OF CERTAIN SERUM PROTEINS ...Cell Membrane Permeability; Cellular Metabolism - Controls; Radiation; Lethal Dose; Stressors, Physiological; X and Gamma Rays; ...5.0606

RADIATION EFFECTS ON CHYLOMICRON SYNTHESIS AND CAPILLARY PERMEABILITY IN MICE ...Cellular Biosynthesis; Digestive System - Human; Muridae; Passive Transport, Diffusion; Radiation; Radiation, Whole Body; ...5.0738

EFFECT OF IONIZING RADIATION ON ISOLATED CELL NUCLEI ...Cell Injury and Autolysis; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0760

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Cell Membrane Permeability; Chlorophyll; Electronic Components; Physical Control; Potamogetonaceae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

ELECTRICAL AND ACOUSTICAL STUDIES OF CELLS ...Acoustics; Bacteria -nonspecific; Bacterial Studies -general; Cell Membrane Permeability; Ionic Effect; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0098

Phagocytosis

TOBACCO SMOKE AND LUNG BIOCHEMISTRY ...Air Pollution -see Specifics; Cell Injury and Autolysis; Mammals -nonspecific; Respiratory Irritants, Inhaled; Toxicology; ...1.0171

EFFECT OF POLLUTANTS ON PULMONARY BACTERIAL DEFENSE ...Air Pollution -see Specifics; Bioassays; Gases; Muridae; Respiratory Irritants, Inhaled; Staphylococcus Aureus; ...1.0174

INFLUENCE OF AIRBORNE FACTORS ON LUNG CLEARANCE ...Aerosols; Asbestos; Nitrogen and Nitrogen Cpds.; Respiratory Disease; Sulfur Dioxide; ...1.0235

AIR POLLUTION AND RESPIRATORY INFECTIONS ...Air Pollution -see Specifics; Caboudea; Rabbits; Respiratory Bacteria; Respiratory Disease; ...1.0281

PHAGOCYTOSIS AND BACTERIAL KILLING BY ALVEOLAR MACROPHAGES ...Air Pollution -see Specifics; Amino Triazole; Laboratory Animals; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Sulfur Dioxide; ...1.0282

BIOCHEMICAL AND PHYSIOLOGICAL RESPONSE TO IRRADIATION - RETICULOENDOTHELIAL SYSTEM STUDIES ...Canidae; Carbon; Cavidae; Muridae; ...5.0110

ROLE OF THE RETICULOENDOTHELIAL SYSTEM IN RADIATION INJURY AND RECOVERY ...Muridae; X and Gamma Rays; ...5.0343

THE EFFECT OF IRRADIATION ON THE BIOCHEMICAL CHANGES OF MAMMALIAN CELLS IN THE ABSENCE AND PRESENCE OF PARTICULATE MATERIAL ...Aldehydes -nonspecific; Cancer; Cell Injury and Autolysis; Radiation; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0388

EFFECTS OF RADIATION ON PERMEABILITY AND ENZYMES OF SKIN ...Cell Injury and Autolysis; Injury and Shock; Permeability; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0575

A STUDY OF INFECTIONS IN IRRADIATED PATIENTS ...Aerobic Bacteria; Anaerobic Bacteria; Intestinal Bacteria; Microorganisms -nonspecific; Radiation, Whole Body; Ug-system Bacteria; ...5.0626

Pore Transport

Water Movement, Osmosis

STRUCTURE AND FUNCTION IN TRANSPORTING EPITHELIA ...Cell Membrane Permeability; Contamination -see Air & Water; ...1.0200

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

CONTROL OF CELL GROWTH DIFFERENTIATION AND FUNCTION ...Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Gases; Ionic Effect; Radiation Injury Prevention; Tumor Pathology; X and Gamma Rays; ...5.0347

RESPONSE OF LIVING CELLS TO HIGH INTENSITY PULSED ELECTRONS AND EXAMINATION OF OXYGEN DIFFUSION KINETICS IN CELLS ...Anemia and Hypoxia; Cancer; Metabolism and Biochemistry; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0491

Cellular Biosynthesis

SMOG EYE IRRITATION - EXPERIMENTAL AND CLINICAL STUDIES ...Air Pollution -see Specifics; Mammals -nonspecific; Smog -see Air Pollution; ...1.0178

PULMONARY REACTIONS TO GASEOUS ENVIRONMENTS ...Air Pollution -see Specifics; Gases; Respiratory Irritants, Inhaled; Toxicology; ...1.0222

EFFECTS OF LOW LEVELS OF LEAD ON PROTEIN SYNTHESIS ...Air Pollution -see Specifics; Gases; Petroleum -see Oil; Respiratory Irritants, Inhaled; ...1.0294

EFFECT OF AIR POLLUTANTS AND OF OTHER ENVIRONMENTAL FACTORS ON PLANT CELL AND TISSUE GROWTH ...Air Pollution -see Specifics; Growth; Nicotiana; Plant Response to Env. -ns; ...1.0323

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Air Pollution -see Specifics; Environmental Modification; Pathological Physiology; Respiration; Toxic Substances; ...1.0333

ACTION OF AIR POLLUTANTS ON PLANTS AND METHODS OF DAMAGE CONTROL ESPECIALLY THROUGH RESISTANCE ...Air Pollution -see Specifics; Ornamentals; Phaseolus; Pigments; Polygonaceae; ...1.0351

PRIMARY PRODUCTION AND DECOMPOSITION IN ESTUARINE WATER ...Algae - Phaeophyta; Algal Physiology; Carbon; Cellular Catabolism-see Degrad; Estuaries; Marine Plants; Organic Properties; ...2.0102

ROLE OF FUNGI & ALGAE IN FORMATION AND HYDROLYSIS OF LAKE ERIE SEDIMENTS ...Algae - Cyanophyta; Aquatic

Fungi -nonspecific; Biological Cycles; Cellular Catabolism-see Degrad; Eutrophication; Lake Erie; Sediment Lithification; ...2.0301

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Carbon; Cellular Catabolism-see Degrad; Eutrophic Lakes; Kinetics; Water Bacteria; ...2.0323

BIOLOGICAL PROPERTIES OF SEWAGE LAGOONS AT TUSKEGEE, ALABAMA ...Alabama; Contamination - Water; Microorganisms -nonspecific; Sewage Lagoons; Water Pollutant Identification; Water Pollution Effects; ...2.0468

MOLECULAR AND APPLIED ASPECTS OF MICROBIAL ENZYMOLOGY AND ECOLOGY ...Animal Wastes - Feed Lots; Bacterial Ecology; Bacterial Population Surveys; Food Contamination; Sewage; Streptococcus Fecalis; ...2.0586

EVALUATION OF SOME ENVIRONMENTAL CONDITIONS CAUSING ALGAL BLOOMS ...Algae - Chrysophyta-cf Diatoms; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Eutrophication; ...2.0686

MICROBIAL FORMATION OF POTENTIALLY HAZARDOUS ORGANO-METAL COMPOUNDS IN WATER ...Arsenic; Cellular Catabolism-see Degrad; Chelation & Complexing; Mercury, Organic Matter; ...2.0691

EFFECTS OF ENVIRONMENTAL CHANGES ON BLUE-GREEN ALGAE ...Algae - Cyanophyta; Algal Physiology; Cellular Metabolism - Controls; Chemical Mutagenesis; Eutrophication; Water Quality Control -general; ...2.0912

MICROBIAL MEDIATION IN GENERATION OF ACID MINE WASTES ...Acid Mine Drainage; Biological Water Properties; Chemical Water Properties; Mineralogical Water Properties; ...2.1298

BACTERIOLOGY OF BIODEGRADABLE SURFACTANTS ...Bacilli -nonspecific; Bacterial Morphology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Escherichia Coli; Phenols; Staphylococcus -nonspecific; Surfactants -see Detergents; ...2.1492

FINE STRUCTURAL EFFECTS OF TEMPERATURE IN FISH ...Environmental Physiology; Salmonidae; Temperature (water); ...2.1783

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment -general; ...2.1775

BIOLOGICAL METHANE FORMATION ...Bacterial Ecology; Degradation -see Pesticide Deg; Hydrogen Bacteria; Methane Bacteria -nonspecific; Rumen Bacteria; Sulfur Bacteria; ...3.0131

SINGLE CELL PROTEINS FROM CELLULOSIC WASTES ...Catalysis; Cellular Catabolism-see Degrad; Disposal; Pilot Plants; Recoverable Materials; Waste Management -see Specific; ...3.0373

PHYTOTOXICITY OF 3-AMINO-1,2,4-TRIAZOLE ...Amino Triazole; Cellular Metabolism - Controls; Cucumis Sativus; Enzymes; Nitrogen Metabolism; Pesticide Phytotoxicity; Phaseolus; ...4.0203

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Actinomycin; Cucurbita; Endothall; Growth Substances; Nitrogen Metabolism; Pesticide Action on Plants; ...4.0223

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Diuron; Herbicides and Other Chem; Nitrogen Metabolism; Pesticide Action on Plants; Photosynthesis; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0340

PESTICIDES IN MAMMALIAN CELL SYSTEMS ...DDT; Dieldrin; Kinetics; Laboratory Animals; Mammals -nonspecific; Pesticide Action on Animals; ...4.0533

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Chemical Analysis; Gallus Domesticus; Laboratory Animals; Mammals -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0548

EFFECTS OF PHYSIOLOGICAL ENVIRONMENT ON CELLULAR HOMEOSTASIS. PROTEIN METABOLISM AND NUTRITION ...Cellular Metabolism - Controls; Dieldrin; Laboratory Animals; Muridae; Pesticide Action on Animals; Pesticide Formulation; ...4.0665

THE INFLUENCE OF ENVIRONMENTAL AGENTS ON THE GENESIS OF RIBOSOMES IN MAMMALIAN CELLS ...Cellular Physiology- Env. Eff.; Chlorinated Hydrocarbons; Environmental Effects - Human; Kinetics; Laboratory Animals; Pesticide Action on Animals; ...4.0783

EFFECTS OF PESTICIDES ON PROTEIN, CARBOHYDRATE, AND NUCLEIC ACID METABOLISM. INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Bacteria - nonspecific; Microorganism-see Cell. Catab.; Pesticide Action on Animals; Pesticides -nonspecific; Yeasts -nonspecific; ...4.0961

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Herbicides and Other Chem; Metabolism of Algacides, Pesticide Action on Plants; Photosynthesis; Quinone Cpds. -nonspecific; Triazines - nonspecific; ...4.1086

ULTRAVIOLET LIGHT EFFECTS ON NUCLEIC ACID FORMATION AND GENETIC EVENTS IN BACTERIA ...Bacteria -nonspecific; Cellular Repair Mechanisms; Physical Mutagenesis; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0067

EFFECT OF RADIATION ON THYROID PROTEIN BIOSYNTHESIS ...Adenosine Triphosphate; Biochemical Analysis - Tissues, Carbon; Radiation Effects - Biological; X and Gamma Rays; ...5.0091

RADIATION INDUCED CHANGES IN NEONATAL NERVOUS SYSTEM ...Cell Injury and Autolysis; Developmental Physiology; Metabolism & Metab. Diseases; Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0097

RADIOSENSITIVITY OF BIOPOLYMER SYNTHESIS, WITH PARTICULAR EMPHASIS ON THE MITOTIC CYCLE ...Radiation; Radiation Chemistry -biophys.; Radiation Sensitivity -man; ...5.0103

CELLULAR AND CYTOGENETIC EVALUATION OF RADIATION EFFECT ...Canidae; Radiation; Radiation Effects - Biological; Sciuridae; Strontium; X and Gamma Rays; ...5.0131

RADIATION EFFECTS ON DIFFERENTIATION AND TISSUE CONTROL ...Bacteria -nonspecific; Cell Injury and Autolysis; Fungi -nonspecific; Invertebrates; Physical Mutagenesis; Radiation Carcinogenesis; Radiation, Low Level; X and Gamma Rays; ...5.0138

BIOLOGICAL CONTROL PROCESSES AND RADIATION ...Bacteriophage; Escherichia Coli; Metabolism and Biochemistry; Radiation; ...5.0142

PROTEIN SYNTHESIS DURING EARLY DEVELOPMENT OF THE SEA URCHIN EMBRYO ...Echinodermata; Embryology - basic; ...5.0144

BIOCHEMICAL EFFECTS OF IONIZING RADIATION ON BRAIN CELLS IN CULTURE ...Cellular Catabolism-see Degrad; Cellular Repair Mechanisms; Dosimetry; Radiation; Tumor Pathology; ...5.0152

NUCLIDE METABOLISM ...Calcium; Cesium; Chlorine; Feces; Iron; Mammals -nonspecific; Radiation Injury Prevention; Sodium; Whole Body; ...5.0155

RADIATION STUDIES ON ISOLATED CHROMOSOMES ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Sources -general; X and Gamma Rays; ...5.0157

RADIATION DAMAGE AND ITS REPAIR IN HUMAN CHROMOSOMES ...Cell Injury and Autolysis; Cellular Metabolism - Controls; Kinetics; Radiation, Low Level; Ultra Violet Radiation; ...5.0158

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds, Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

MODIFICATION OF RADIATION RESPONSE IN VITRO ...Anoxia and Hypoxia; Cellular Repair Mechanisms; Cricetus; Mammals -nonspecific; Passive Transport, Diffusion; Radiation; Toxic Substances; ...5.0169

PHOTO- AND RADIOCHEMICAL REACTIONS OF NUCLEIC ACIDS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Kinetics; Radiation; Radiation Chemistry - biophys.; X and Gamma Rays; ...5.0170

CHROMOSOME STRUCTURE AS REVEALED BY RADIATION STUDIES ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation; Radiation Sources -general; Vicia; ...5.0182

COMPARISON OF ULTRA-VIOLET AND X-RAY DAMAGE IN THE PROGENY OF IRRADIATED CELLS - STUDY OF PROTEIN AND RNA SYNTHESIS IN OEDOGONIUM ...Algae - Chlorophyta; Algal Physiology; Cell Injury and Autolysis; Radiation; Ultra Violet Radiation; ...5.0186

CELLULAR RESPONSES TO IRRADIATION ...Biological Basis; Cricetus; Radiation Sensitivity -man; X and Gamma Rays; ...5.0208

EFFECT OF RADIATION ON PROTEO-HORMONES ACTIVITY - Radiation Effects - Biological, Sterilization, Stressors, Physiological, X and Gamma Rays, 5.0220

ALTERATION INDUCED BY X-RAY & ULTRAVIOLET LIGHT ON THE SYNTHESIS & MAINTENANCE OF MACROMOLECULAR COMPONENTS WITHIN MICROORGANISMS - Bacteria -nonspecific, Cell Injury and Autolysis, Cellular Metabolism - Controls, Cellular Viability, Radiation, Radiation Sensitivity -man, Ultra Violet Radiation, 5.0244

TOXICITY OF TRITIUM-LABELED COMPOUNDS - Beta Particles, Cell Membrane Permeability, Cellular Catabolism-see Degrad, Hydrogen, Radiation, Reactor Sites & Rad Waste, 5.0280

THE MECHANISM OF THE CELL MEDIATED IMMUNE RESPONSE - Cell Injury and Autolysis, Coitus Domesticus, Injury and Shock, Radiation, Radiation Effects - Biological, 5.0304

PROTECTION AGAINST RADIATION DAMAGE TO CHROMOSOMES - Adenosine Triphosphate, Cell Injury and Autolysis, Cellular Repair Mechanisms, Lethal Mutation, Radiation, 5.0310

EFFECTS OF GAMMA-IRRADIATION ON DNA TRANSCRIPTION AND RNA TRANSLATION IN PLANTS - Cell Injury and Autolysis, Chenopodiaceae, Nitrogen Metabolism, Plants, Radiation Effects -see Rad, 5.0322

BIOCHEMICAL ASPECTS OF ERYTHROPOIESIS IN CHRONIC IRRADIATION - Anoxia and Hypoxia, Dose Rate, Dose Fractionation, Muridae, Radiation, X and Gamma Rays, 5.0324

RADIATION DAMAGE - METABOLISM IN REPRODUCTIVE SYSTEM - Cellular Repair Mechanisms, Experimental Teratology, Muridae, Radiation Sensitivity -man, 5.0329

KINETIC AND BIOCHEMICAL ANALYSIS OF INTERACTING RADIATION RECOVERY SYSTEMS IN ESCHERICHIA COLI - Bacterial Population Surveys, Cell Injury and Autolysis, Cellular Repair Mechanisms, Escherichia Coli, Microorganisms, Radiation, Radiation Sensitivity -man, 5.0334

CAROTENOID PIGMENTS AND PHOTOTOXICITY AND PHOTOPROTECTION IN BACTERIA - Bacterial Studies - general, Cell Injury and Autolysis, Light, Radiation -see Specifics, Sarcina -nonspecific, 5.0385

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS - Absorption (incl. Adsorption), Calcium, Ion Transport and Elect. Pot., Mineral Nutrition, Passive Transport, Diffusion, Radioactive Fallout-cf Fallout, Soil Temp. -non-specific, Zinc, 5.0409

CELLULAR PROLIFERATION AND REGENERATION FOLLOWING TISSUE DAMAGE - Cell Injury and Autolysis, Cellular Metabolism - Controls, Healing, Injury and Shock, Radiation, Radiation Effects - Biological, 5.0412

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES - Albizzia, Cellular Metabolism - Controls, Growth, Nucleic Acid Compounds, Plant Response to Environ., Radiation, Temperature, X and Gamma Rays, 5.0414

EFFECTS OF X-RAYS ON NORMAL AND MALIGNANT CELLS - Cell Injury and Autolysis, Cellular Viability, Radiation, Radiation Effects - Biological, Radiation, Lethal Dose, Tumor Pathology, X and Gamma Rays, 5.0416

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLET AND X-IRRADIATION DAMAGE - Bacterial Population Surveys, Cell Injury and Autolysis, Cellular Repair Mechanisms, Haemophilus Sp, Mutagenesis - nonspecific, Radiation Effects - Biological, Ultra Violet Radiation, 5.0455

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLETAND X-IRRADIATION DAMAGE - Bacterial Morphology, Cell Injury and Autolysis, Cellular Repair Mechanisms, Cellular Viability, Haemophilus Sp, Microorganisms, Radiation, 5.0456

RADIATION-INDUCED DIVISION DELAY AND RECOVERY - Cell Injury and Autolysis, Cellular Repair Mechanisms, Cellular Viability, Hypothermal, Radiation, Radiation Effects - Biological, X and Gamma Rays, 5.0472

PLACENTAL PROGESTERONE SYNTHESIS FEEDBACK CONTROL AND RADIATION SENSITIVITY - Kinetics, Radiation, Radiation Effects - Biological, Radiation Sensitivity -man, X and Gamma Rays, 5.0473

RNA SYNTHESIS IN MAMMALIAN CELLS AFTER RADIATION - Cancer, Cell Injury and Autolysis, Cellular Repair Mechanisms, Radiation, Radiation Sources -general, 5.0474

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS - Bacteriophage, Cell Injury and Autolysis, Escherichia Coli, Microorganisms, Radiation Chemistry -biophys., Radiation Sensitivity -man, Sulfhydryl Compounds, 5.0478

EFFECTS OF H3 THYMIDINE AS A DNA LABEL IN THE RAT LIVER - Digestive System - Human, Hydrogen, Muridae, Radiation, Radiation Sensitivity -man, 5.0489

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS - Cancer, Cellular Viability, Gases, Muridae, Radiation, Radiation Injury Prevention, Radiation, Lethal Dose, Radioisotopes -nonspecific, Tumor Pathology, 5.0493

EFFECT OF RADIATION ON GLUCOSAMINOGLYCANS IN BONE - Aging, Healing, Mammals -nonspecific, Metabolism & Metab. Diseases, Radiation Effects - Biological, X and Gamma Rays, 5.0496

THE CELLULAR AND MOLECULAR BASIS OF RECOVERY FROM RADIATION INJURY - Cell Injury and Autolysis, Cellular Metabolism - Controls, Cellular Repair Mechanisms, Radiation, Radiation Injury Prevention, X and Gamma Rays, 5.0501

LYMPHOCYTE MIGRATION AND KINETICS IN EXPERIMENTAL ANIMALS - Bos, Cancer, Radiation Effects - Biological, Radioisotopes -nonspecific, 5.0520

HEMOGLOBIN BIOSYNTHESIS - Kinetics, Radiation, 5.0528

RADIATION RECOVERY MECHANISMS OF G1 AND G2 CELLS IN THE MITOTIC CYCLE OF PISUM ROOT MERISTEMS - Cell Injury and Autolysis, Cellular Repair Mechanisms, Growth, Nucleic Acid Compounds, Plants, Radiation Effects -see Rad, Radioisotopes -nonspecific, 5.0538

TRANSCRIPTION OF RNA & TRANSLATION OF ENZYMES DURING MITOTIC CYCLE OF PHYSARUM POLYCEPHALUM & RADIATION EFFECTS (ABBREV) - Cell Injury and Autolysis, Microorganisms, Myxomycetes, Radiation, Radiation Effects on Fungi, X and Gamma Rays, 5.0565

RADIATION EFFECTS ON NUCLEIC ACIDS AND PROTECTION - Carbon, Radiation, Radiation Effects - Biological, Radiation Injury Prevention, X and Gamma Rays, 5.0579

IN VITRO EFFECTS OF IONIZING RADIATION ON GERMINAL EPITHELIUM OF HUMAN TESTIS & ON STEROID BIOSYNTHESIS OF LEYDIG CELLS - Radiation, Radiation Chemistry -biophys., Radiation Dose Studies-general, X and Gamma Rays, 5.0581

EFFECT OF IONIZING RADIATION ON THE DISTRIBUTION OF DEOXYRIBONUCLEASES AND PHOSPHATASES IN SUBCELLULAR FRACTIONS OF GUINEA PIG EPIDERMIS - Beta Particles, Cell Injury and Autolysis, Injury and Shock, Radiation Effects - Biological, 5.0582

GAMMA RAY EFFECTS ON DICTYOSTELIUM DISCOIDEUM - Cellular Model Systems, Microorganisms, Myxomycetes, X and Gamma Rays, 5.0594

BASIC ASPECTS OF THE ACTION OF RADIATION ON MICROORGANISMS - Bacillus Subtilis, Bacteriophage, Cell Injury and Autolysis, Cellular Repair Mechanisms, Microorganisms, Radiation Injury Prevention, Radiation Sources -general, 5.0595

EFFECT OF WHOLE BODY X- AND GAMMA-IRRADIATION ON THE BIOSYNTHESIS OF CERTAIN SERUM PROTEINS - Cell Membrane Permeability, Cellular Metabolism - Controls, Permeability, Radiation, Lethal Dose, Stressors, Physiological, X and Gamma Rays, 5.0606

MAINTENANCE OF MEMBRANE INTEGRITY IN MAMMALIAN CELLS - Cell Injury and Autolysis, Cellular Repair Mechanisms, Radiation, Radiation, Lethal Dose, Ultraviolet Spectroscopy, 5.0631

X-RAY-INDUCED DAMAGE TO THE DNA OF HAEMOPHILUS INFLUENZAE AND CELLULAR RESPONSE TO THAT DAMAGE - Bacterial Population Surveys, Kinetics, Radiation, Radiation Sensitivity -man, X and Gamma Rays, 5.0644

INFLUENCE OF PHYSICAL STATE OF CHROMATIN ON NUCLEIC ACID & PROTEIN SYNTHESIS & ON RADIATION SENSITIVITY OF CELL DIVISION - Hydrogen, Radiation, Radiation Sensitivity -man, Radiation Sources -general, 5.0683

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION - Carbon, Cellular Metabolism - Controls, Radiation, Radiation Effects - Biological, Rate of Reaction, Ultra Violet Radiation, 5.0687

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION - Environmental Effects - Human, Injury and Shock, Metabolism & Metab. Diseases, Radiation -see Specifics, Radiation Effects - Biological, Radiation Sensitivity -man, Ultra Violet Radiation, 5.0688

BIOCHEMICAL EFFECTS OF RADIATION ON INTACT HUMAN SKIN INCUBATED IN VITRO - Carbon, Radiation Effects - Biological, Ultra Violet Radiation, Ultraviolet Spectroscopy, 5.0692

THE EFFECTS OF X-IRRADIATION ON STEROID BIOTRANSFORMATIONS BY TESTICULAR TISSUE - Mammals -nonspecific, Radiation, Radiation Sensitivity -man, Radiation, Whole Body, X and Gamma Rays, 5.0716

RADIATION EFFECTS ON CHYLOMICRON SYNTHESIS AND CAPILLARY PERMEABILITY IN MICE - Digestive System - Human, Muridae, Passive Transport, Diffusion, Permeability, Radiation, Radiation, Whole Body, 5.0738

INHALATION STUDIES - BIOCHEMICAL STUDIES - Biochemical Analysis - Tissues, Muridae, Radiation, Radiation Effects - Biological, Respiratory Irritants, Inhaled, X and Gamma Rays, 5.0749

STUDIES ON THE EFFECT OF X-RAYS ON DNA SYNTHESIS IN POLYTENE CHROMOSOMES - Cell... Metabolism - Control, Cellular Repair Mechanisms, Hydrogen, Invertebrates, Physical Mutagenesis, Ultra-violet Radiation, X and Gamma Rays, 5.0765

REPAIR OF RADIATION-DAMAGED DNA IN HUMAN AND OTHER MAMMALIAN CELLS - Bio, Radiation, Radiation Effects - Biological, Ultra Violet Radiation, 5.0791

STUDIES OF ENDOGENOUS SULFHYDRYL GROUPS - Cell Injury and Autolysis, Cellular Repair Mechanisms, Radiation, Radiation Sensitivity - man, Sulfhydryl Compounds, X and Gamma Rays, 5.0792

AN INVESTIGATION INTO THE PHARMACOLOGICAL PROPERTIES OF ANTI-IRRADIATION DRUGS - Mammals - nonspecific, Radiation Injury Prevention, Sulfhydryl Compounds, 5.0887

BIOCHEMICAL CORRELATES IN ENVIRONMENTAL STRESS - Acceleration Effects - Human, Ceboidea, Environmental Effects - Human, Muridae, Stress, Radiation - see Specifics, Stressors, Physiological, 6.0108

Cellular Catabolism-see Degrad

EFFECTS OF LOW LEVELS OF LEAD ON PROTEIN SYNTHESIS - Air Pollution - see Specifics, Cellular Biosynthesis, Gases, Petroleum - see Oil, Respiratory Irritants, Inhaled, 1.0294

ORGANIC DEBRIS ON CONNECTICUT BEACHES AND SHORES - Bacteria - Identification, Connecticut, Marine Plants, Organic Matter, Physical Water Properties, Salinity (water), 2.0084

PRIMARY PRODUCTION AND DECOMPOSITION IN ESTUARINE WATER - Algae, Phaeophyta, Algal Physiology, Carbon, Estuaries, Marine Plants, Organic Properties, 2.0102

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM - Animal Productivity, Biodegradation, Detergents - see Surfactants, Industrial Wastes, Model Studies, Organic Matter, Pesticide in Food Chains, Pesticides - nonspecific, Radioisotopes, Water Pollutants - Path of, Water Standards & Baselines, 2.0132

CYANIDE METABOLISM BY MICROORGANISMS - Aldehydes - nonspecific, Fungi - nonspecific, Microorganisms - nonspecific, Water Pollution Sources, 2.0231

BIODEGRADATION OF OIL SLICKS IN THE MARINE ENVIRONMENT - Actinomycetes - nonspecific, Detergents - see Surfactants, Marine Bacteria, Oil, Petroleum Wastes - Spillage, 2.0248

ROLE OF FUNGI & ALGAE IN FORMATION AND HYDROLYSIS OF LAKE ERIE SEDIMENTS - Algae - Cyanophyta, Aquatic Fungi - nonspecific, Biological Cycles, Eutrophication, Lake Erie, Sediment Lithification, 2.0301

SEDIMENT-WATER BACTERIA INTERACTIONS IN EUTROPHICATION - Algae - Cyanophyta, Carbon, Eutrophic Lakes, Kinetics, Water Bacteria, 2.0323

SEDIMENT-WATER BACTERIA INTERACTIONS IN EUTROPHICATION - Algae - Cyanophyta, Bacterial Ecology, Bacterial Population Surveys, Cellular Physiology - Env. Eff., Eutrophication, Lake Deposits, Oregon, Water Bacteria, 2.0324

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES - Algae - nonspecific, Aquatic Soils, Chemical Properties, Eutrophication, Geochemical Analysis (water), Mineralogical Water Properties, Nutrients, Organic Properties, Soil Chemical Properties, Water Bacteria, 2.0336

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES - Acid Mine Wastes, Acidity (water), Bacterial Pollutant Sources, Contamination - Water, Environmental Factors, Heterotrophic Bacteria, Ionic Effect, Sewage, Water Pollution Sources, 2.0434

MERCURY TRANSFORMATIONS IN RIVER BOTTOM SEDIMENTS - Aquatic Soils, Mercury, Microorganisms - nonspecific, Sediments, Stream Deposits, Wisconsin, 2.0438

STUDIES ON THE METHANOGENIC BACTERIA IN SLUDGE - Bacterial Classification, Degradation - see Pesticide Deg, Methane Bacteria - nonspecific, Sewage Bacteria, 2.0545

THE IMPACT OF MICROORGANISMS ON OIL - Bacterial Ecology, Biological Effects, Degradation - see Pesticide D..., Food Contamination, Louisiana, Ostreidae (oyster), Petroleum Wastes - Spillage, Water Pollutant Identification, 2.0603

MICROBIAL TRANSFORMATIONS IN SEA WATER - Bacterial Population Surveys, Competition Among Thallophytes, Marine Bacteria, Marine Biology - General, Marine Plants, Marine Pollution, Organics, 2.0622

INTERACTION OF RADIO-LABELED BIOCIDES AND HEAVY METALS WITH MICROBIAL ECOSYSTEMS - Activated Sludge, Microorganism-see Cell. Catab., Microorganisms - nonspecific, Pesticide Degradation - see Deg. Pesticides - nonspecific, Radioisotopes - nonspecific, Waste Water Treatment - general, 2.0666

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO - Bioassays, Coliforms - nonspecific, Data Reduction and Analysis, Microorganisms - nonspecific, New Mexico, Rumen Bacteria, Water Pollution - see Specifics, Water Quality - general, Water Utilization - domestic, 2.0684

MICROBIAL FORMATION OF POTENTIALLY HAZARDOUS ORGANO-METAL COMPOUNDS IN WATER - Arsenic, Cellular Biosynthesis, Chelation & Complexing, Mercury, Organic Matter, 2.0691

EVALUATION OF PYRITIC OXIDATION BY NUCLEAR METHODS - Acid Mine Drainage, Autotrophic Bacteria, Mechanism Determination, Oxidation, 2.0758

INTERCEPTION AND DEGRADATION OF PESTICIDES BY AQUATIC ALGAE - Algae - Cyanophyta, DDT, Dieldrin, Metabolism of Algacides, Microorganism-see Cell. Catab., Pesticides - see Pesticide, Radioisotopes - nonspecific, 2.0779

NITROGEN REMOVAL AND IDENTIFICATION FOR WATER QUALITY CONTROL - Analysis and Detection, Chemical Analysis (water), Nitrogen and Nitrogen Cpds., Nitrogen Bacteria, Ultrasonics, 2.0956

THE EFFECTS OF SUSPENDED SILTS AND CLAYS ON SELF-PURIFICATION IN NATURAL WATERS - Adsorption Capacity, Sediments, Size, Suspension, Water Pollution Effects, 2.0960

BIODETERIORATION OF NAVY INSECTICIDES IN THE OCEAN - DDT, Insecticides - nonspecific, Microorganism-see Cell. Catab., Microorganisms - nonspecific, 2.0971

AEROBIC HETEROTROPIC BACTERIA IN ESTUARIES - Adenosine Triphosphate, Anaerobic Bacteria, Bacterial Identification, Degradation - see Pesticide Deg, Heterotrophic Bacteria, Marine Plants, Organic Matter, 2.0995

DENITRIFICATION AS A PATHWAY FOR NITRATE REMOVAL IN RIVERS AND PONDS - Carbon, Denitrification, Organic Water Properties, Population Dynamics - general, Temperature, Water Properties - general, 2.1016

DEGRADATION OF SEWAGE AND SOIL MICROORGANISMS - Bacterial Pollutant Sources, Degradation - see Pesticide Deg, Escherichia Coli, Marine Plants, Sewage, Soil Bacteria, 2.1041

EFFECT OF CHEMICAL STRUCTURE ON BIODEGRADABILITY OF ORGANIC MOLECULES - Analysis and Detection, Biodegradation - see Degradation, Degradation, Microorganism-see Cell. Catab., Organic Water Properties, Water Pollution Sources, 2.1065

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA - Animal Productivity, Estuaries, Microorganisms - nonspecific, Plankton, Plant Productivity - general, Ponds, Primary Productivity - Plants, Water Pollution Sources, 2.1069

MICROBIAL DEGRADATION OF HYDROCARBONS - Bacterial Studies - general, Contamination - Water, North Carolina, Petroleum - see Oil, Water Bacteria, 2.1070

DEGRADATION OF PETROLEUM AND RELATED COMPOUNDS IN THE BIOSPHERE - Bacterial Population Surveys, Ionic Effect, Marine Plants, Oil, Petroleum - see Oil, Petroleum Research, 2.1071

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS - Aquatic Soils, Coastlines - Shorelines, Degradation - see Pesticide Deg, Marine Biology - General, North Carolina, Petroleum - see Oil, Swamps - Marshes, Water Chemistry, 2.1072

BIOCHEMICAL OXIDATION OF HYDROCARBONS IN NATURAL WATERS - Bacteria - nonspecific, Degradation - see Pesticide Deg, Organic Matter, Water Purification, 2.1092

SIGNIFICANCE OF ARTHROBACTER IN ECOLOGY OF WATER AND SOIL - Arthrobacter, Dominant Organisms, Moisture, Plant Resistance, Soil Ecology, Soil Microbiology, Water Bacteria, 2.1136

MYCOLOGICAL PHENOMENA IN SEWAGE SPREADING BASINS Activated, Environmental Factors, Sewage, Soil Bacteria, Soil Microbiology, Waste Disposal on Soil, 2.1185

THE MECHANISMS OF WASTE WATER TREATMENT AT LOW TEMPERATURE Bacterial Identification, Colorado, Hypothermal, Microorganisms -nonspecific, Waste Water Degradation, Waste Water Treatment -general, 2.1202

MICROBIAL TRANSFORMATION OF POULTRY LITTER AND ITS RELATION TO WATER POLLUTION Agricultural Runoff, Groundwater, Nitrogen Bacteria, Soil Microbiology, 2.1232

BIODEGRADABILITY OF TNT Biodegradation-see Degradation, Degradation -see Pesticide Deg, T.n, Water Chemistry, 2.1293

RESEARCH INITIATION - LAKE POLLUTION BY INTERNALLY PRODUCED ORGANICS Algae -nonspecific, Organic Matter, Plant Productivity -general, Waste Water Treatment -general, 2.1320

BIOLOGICAL EFFECTS OF HEAVY METAL POLLUTION Algae, Biological Effects, Chelation & Complexing, Microorganisms -nonspecific, Yeasts -nonspecific, 2.1475

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM Algae -nonspecific, Aquatic Ecology - Anim.l, DDE, Degradation -see Pesticide Deg, Farm Pond, Fish, Invertebrates -nonspecific, Pesticide Aquatic Cycling, Pesticide Movement in Soils, Pesticides -see Pesticide, TDE, 2.1990

THE EFFECT OF SALINITY ON THE OXIDATION OF HYDROCARBONS IN ESTUARINE ENVIRONMENTS Biodegradation-see Degradation, Cellular Physiology, Env Eff, Estuaries, Oil Removal, Petroleum Wastes - Spillage, Salinity (water), Size, 2.1611

MICROBIOLOGY OF FARM PONDS Algae -nonspecific, Animal Wastes - Feed Lots, Bacterial Identification, Bacterial Population Surveys, Degradation -see Pesticide Deg, Ecological Effects, Gram-negative Bacteria, Herbicides -nonspecific, Microorganisms -nonspecific, Pesticide Residues, Sanitary Landfills, Sewage Bacteria, Water Bacteria, 2.1776

NAVY ENVIRONMENT - BIODEGRADATION OF OIL IN SEA WATER Biodegradation-see Degradation, Degradation -see Pesticide Deg, Marine Biology - General, Oil, Oil Removal, Petroleum -see Oil, 3.0019

BIODEGRADATION OF OIL IN SEAWATER FOR NAVAL POLLUTION CONTROL Degradation -see Pesticide Deg, Marine Plants, Microorganisms -nonspecific, Oil, Petroleum -see Oil, Petroleum Wastes - Spillage, 3.0020

NAVY ENVIRONMENT - BIODEGRADATION OF OIL POLLUTANTS BY YEAST AND YEAST LIKE FUNGI Ascomycetes -nonspecific, Marine Plants, Offshore Oil, Yeasts -nonspecific, 3.0025

BIODEGRADABILITY OF ORGANIC COMPOUNDS INCLUDING DETERGENTS, METAL WORKING FLUIDS, ETC THAT MAY CONTAMINATE WATER Analysis and Detection, Degradation -see Pesticide Deg, Detergents -see Surfactants, Fuels, Metal Processing Wastes, Surfactants -see Detergents, Waste Water Degradation, 3.0028

NAVY ENVIRONMENT - BIODEGRADATION OF OIL SLICKS IN MARINE ENVIRONMENT Marine Biology - General, Offshore Oil, Oil, Petroleum -see Oil, Ship Wastes, Waste Water Degradation, 3.0031

NAVY ENVIRONMENT ENZYMATIC REMOVAL OF OIL IN THE MARINE ENVIRONMENT Marine Biology - General, Offshore Oil, Petroleum -see Oil, 3.0034

NAVY ENVIRONMENT - BIOLOGICAL OXIDATION OF PETROLEUM POLLUTANTS Microorganisms -nonspecific, Oil, Petroleum -see Oil, 3.0042

SOLID WASTE CELLULOSE DEGRADATION BY THERMOACTINOMYCES Actinomyces Sp, Cellular Metabolism - Controls, Plant Waste Removal, Treatment, Thermochemistry -biophysics, 3.0056

BIOLOGICAL METHANE FORMATION Bacterial Ecology, Cellular Biosynthesis, Degradation -see Pesticide Deg, Hydrogen Bacteria, Methane Bacteria -nonspecific, Rumen Bacteria, Sulfur Bacteria, 3.0131

UTILIZATION OF CELLULOSE AND RELATED COMPOUNDS AS NUTRIENTS Bacteria -nonspecific, Fungi -nonspecific, Plant Waste Removal, Treatment, Trichoderma, 3.0350

LAGOONS FOR DAIRY FARMS Animal Wastes - Feed Lots, Bacterial Studies -general, Farm -animal Wastes, Lagoon, Temperature - Air, Waste Water Treatment -general, Water Reuse, 3.0338

SINGLE CELL PROTEINS FROM CELLULOSIC WASTES Catalysts, Disposal, Pilot Plants, Recoverable Materials, Waste Management -see Specific, 3.0373

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS Microorganism-see Cell Catab, Pesticide Formulation, Pesticide Toxicity to Microorg, Physical Degradation, Soil Chemical Properties, 4.0019

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES Biological Effects, DDT, Dieldrin, Lake Michigan, Microorganism-see Cell Catab, Pesticide Residue Analysis, Pesticide Residues Removal, 4.0079

CHLORINATED ORGANIC CONTAMINANTS IN THE MILWAUKEE RIVER Analysis and Detection, Bioassays, Degradation -see Pesticide Deg, Lake Michigan, Organic Water Properties, Polychlorinated Biphenyl Cpds, 4.0076

INTERACTIONS OF SOIL MICROORGANISMS AND HERBICIDES Diquat, Paraquat, Rhizoctonia, Soil Microbiology, Trifluralin, 4.0077

THE DISPOSITION OF PESTICIDES IN THE SOIL Cell Injury and Autolysis, Drainage, Herbicides and Other Chem, Nitrification, Pesticide Degradation -see Deg, Pesticide Movement in Soils, Pesticide Phytotoxicity, Pesticides -see Pesticide, Respiration, Soil Fungi -nonspecific, Soil Microbiology, Soil Moisture, Trifluralin, 4.0090

THE USE AND FATE OF BIOREGULANTS Algae -nonspecific, Bioassay, Carbon, Chemical Analysis, Growth Substances, Metabolism of Algicides, Pesticide Degradation -see Deg, Plant Growth Regulators -no, Soil Ecology, Soil Microbiology, Triazines -nonspecific, 4.0139

THE INTERACTION OF MICROORGANISMS AND PESTICIDES Fungicides -nonspecific, Herbicides -nonspecific, Microorganism-see Cell Catab, Pesticide Degradation -see Deg, Pesticide Interaction -gen, Soil Fungi -nonspecific, Soil Microbiology, 4.0140

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS Arid and Desert Regions, Atrazine, Environmental Factors, Germinat -other, Hormodendrum, Microorganism-see Cell Catab, Penicillium, Range Management, Soil Moisture, Soil pH, Soil Types -also See Specifics, Triazines -nonspecific, 4.0145

PLANT RESPONSE TO ORGANIC CHEMICALS IN THE ROOT ENVIRONMENT Absorption (incl Adsorption), Amiben, Dicamba, Mutagenesis -nonspecific, Pesticide Degradation -see Deg, Plant Resistance, 4.0154

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY Agriton, Ammonification Or Decay, Baygon, Cellular Physiology, Env Eff, Dipterex, Dyphonate, Herbicides and Other Chem, Methotox, Mineral Nutrition, Nitrification, Pesticide Formulation, Rhizobium, Symbiotic Nitrogen Fixation, 4.0159

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES Algae - Chlorophyta, Bioassay, Cellular Physiology, Env Eff, Cucumis Sativus, Paraquat, Pesticide Degradation -see Deg, Pesticide Phytotoxicity, Pyridines Sy, Soil Chemical Properties, Soil pH, Soil Texture, 4.0161

PESTICIDE DETOXICATION MECHANISMS OF MICROORGANISMS IN SOIL AND WATER Bacterial Identification, Degradation -see Pesticide Deg, Maloran, Pesticide Degradation -see Deg, Sevin, Soil Fungi -nonspecific, Soil Microbiology, 4.0166

SOIL AND PLANT INTERACTIONS WITH PESTICIDES Herbicides and Other Chem, Pesticide Action on Plants, Plant, Soil Fungi -nonspecific, 4.0200

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION Actinomycin, Cellular Biosynthesis, Cucurbita, Endothall, Growth Substances, Nitrogen Metabolism, Pesticide Action -in Plants, 4.0223

EPOXIDATION OF CYCLODIENE PESTICIDES BY SOIL BACTERIA Cyclotene Cpds -nonspecific, Microorganism-see Cell Catab, Pesticide Degradation -see Deg, Pesticide Persistance in Soils, Soil Bacteria, Texas, 4.0486

REMOVAL IN MARKET CHANNELS OF INSECTICIDE RESIDUES FROM MILK AND MILK PRODUCTS Bacillus Cereus, Chemical Analysis, Food Contamination, Microorganism-see Cell Catab, Physical Models, Streptococcus Lactis, 4.0626

EFFECT OF PROCESSING PROCEDURE ON MILK PESTICIDE RESIDUES WITH EMPHASIS ON RESIDUE REMOVAL Brevibacterium Sp, DDE, DDT, Geotrichum, Microorganism-see Cell Catab, Pesticide Residues Removal, Residues in Foods, 4.0769

METABOLISM OF PESTICIDAL SYNERGISTS Carbon, Feces, Metabolites From Pesticides, Pesticide Action on Animals, Toxicology, 4.0790

MECHANISMS OF INSECTICIDE DEGRADATION ...Animal; Insecticides fnonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0916

EFFECT OF PESTICIDES ON ENZYMES ...Caldariomyces; DDT; Gel Chromatography; Parathion; ...4.1031

CHARACTERISTICS OF HANFORD PROJECT SOILS ...Arid and Desert Regions; Disease Resistance; Microorganisms -nonspecific; Reactor Sites & Rad Waste; Soil Amendments; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; ...5.0085

BIOCHEMICAL EFFECTS OF IONIZING RADIATION ON BRAIN CELLS IN CULTURE ...Cellular Biosynthesis; Cellular Repair Mechanisms; Dosimetry; Radiation; Tumor Pathology; ...5.0152

TOXICITY OF TRITIUM-LABELED COMPOUNDS ...Beta Particles; Cell Membrane Permeability; Hydrogen; Radiation; Reactor Sites & Rad Waste; ...5.0280

MATHEMATICAL BIOLOGY OF NEOPLASTIC GROWTH ...Cancer; Population - Growth; Radiation Sensitivity -man; Radiation, Lethal Dose; Tumor Pathology; ...5.0417

RADIATION EFFECTS ON CELL AND POPULATIONS DYNAMICS OF U-12 FIBROBLASTS ...Cell Injury and Autolysis; Computer Methods -general; Population - Growth; Radiation; Radiation, Low Level; X and Gamma Rays; ...5.0560

THE RELATIONSHIP OF RADIATION SENSITIVITY TO ALTERATIONS IN THE DNA OF B SUBTILIS ...Bacillus Subtilis; Bacterial Morphology; Cell Membrane Permeability; Microorganisms; Radiation Sensitivity -man; Ultra Violet Radiation; X and Gamma Rays; ...5.0564

GAMMA RAY EFFECTS ON DICTYOSTELIUM DISCOIDEUM ...Cellular Biosynthesis; Cellular Model Systems; Microorganisms; Myxomycetes; X and Gamma Rays; ...5.0594

Cellular Metabolism - Controls

RED CELL DEFENSE MECHANISMS AGAINST AIR POLLUTION ...Air Pollution -see Specifics; Carbon Monoxide; Cell Injury and Autolysis; Contamination -see Air & Water; Gases; Respiratory Irritants, Inhaled; ...1.0228

WATER POLLUTION AND ITS CONTROL BY MICROBIAL METABOLIC ACTIVITIES ...Acid Mine Drainage; Chemical Effects; Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; Sulfur Bacteria; Water Quality Control -general; ...2.0160

MOLECULAR AND APPLIED ASPECTS OF MICROBIAL ENZYMOLOGY AND ECOLOGY ...Animal Wastes - Feed Lots; Bacterial Ecology; Bacterial Population Surveys; Cellular Biosynthesis; Food Contamination; Sewage; Streptococcus Fecalis; ...2.0586

EVALUATION OF SOME ENVIRONMENTAL CONDITIONS CAUSING ALGAL BLOOMS ...Algae - Chrysophyta-cf Diatoms; Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Eutrophication; ...2.0686

DISSOLVED INORGANIC REMOVAL BIOASSAY OF ALGAL GROWTH POTENTIAL ...Algae -nonspecific; Algal Pollutant Sources; Nitrogen and Nitrogen Cpds.; Tertiary Treatment; ...2.0718

EFFECTS OF ENVIRONMENTAL CHANGES ON BLUE-GREEN ALGAE ...Algae - Cyanophyta; Algal Physiology; Chemical Mutagenesis; Eutrophication; Water Quality Control -general; ...2.0912

MICROBIAL MEDIATION IN GENERATION OF ACID MINE WASTES ...Acid Mine Drainage; Biological Water Properties; Cellular Biosynthesis; Chemical Water Properties; Mineralogical Water Properties; ...2.1298

KINETICS AND MECHANISMS IN ACTIVATED SLUDGE PROCESSES ...Activated Sludge; Cellular Physiology- Env. Eff.; Kinetics; Process Design; Sewage Bacteria; Waste Water Treatment -general; ...2.1386

SOLID WASTE CELLULOSE DEGRADATION BY THERMOACTINOMYCES ...Actinomyces Sp; Cellular Catabolism-see Degrad; Plant Waste Removal, Treatment; Thermochemistry -biophysics; ...3.0056

MICROBIAL RELEASE OF SOLUBLE PHOSPHATE IN AN ACTIVATED SLUDGE ENVIRONMENT ...Cellular Physiology- Env. Eff.; Gases; Microorganisms -nonspecific; Sewage Bacteria; Waste Management -see Specific; Waste Water Treatment -general; ...3.0331

PHYTOTOXICITY OF 3-AMINO-1,2,4-TRIAZOLE ...Amino Triazole; Cellular Biosynthesis; Cucumis Sativus; Enzymes; Nitrogen Metabolism; Pesticide Phytotoxicity; Phaseolus; ...4.0203

BIOCHEMICAL AND PHYSIOLOGIC RESPONSE TO TOXIC STRESS ...Environmental Effects - Human; Insecticides -nonspecific; Muridae; Pesticide Action on Animals; Toxic Substances; ...4.0657

EFFECTS OF PHYSIOLOGICAL ENVIRONMENT ON CELLULAR HOMEOSTASIS, PROTEIN METABOLISM AND NUTRITION ...Cellular Biosynthesis- Dieldrin; Laboratory Animals; Muridae; Pesticide Action on Animals; Pesticide Formulation; ...4.0665

DEVELOPMENT & APPLICATION OF QUANTITATIVE TISSUE CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Cell Membrane Permeability; Cellular Model Systems; Ionic Effect; Rotenone; Water Pollutant Identification; ...4.1108

MAMMALIAN STUDIES WITH ACCELERATORS - RELATIONSHIP OF CELLULAR CONTROL MECHANISMS TO CARCINOGENIC EFFECT OF ACCELERATED IONS ...Ionizing Radiation -see Rad.; Muridae; Radiation Carcinogenesis; Radiation, Whole Body; ...5.0123

BIOLOGICAL CONTROL PROCESSES AND RADIATION ...Bacteriophage; Cellular Biosynthesis; Escherichia Coli; Metabolism and Biochemistry; Radiation; ...5.0142

RADIATION DAMAGE AND ITS REPAIR IN HUMAN CHROMOSOMES ...Cell Injury and Autolysis; Kinetics; Radiation, Low Level; Ultra Violet Radiation; ...5.0158

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

GENETICS OF RADIATION AND RADIOMIMETIC AGENTS ...Bacteria -nonspecific: Bacterial Population Surveys; Cell Injury and Autolysis; Radiation Injury Prevention; Radiation Resistance; Radiation Sensitivity -man; Radiation Sources -general; ...5.0167

ALTERATION INDUCED BY X-RAY & ULTRAVIOLET LIGHT ON THE SYNTHESIS & MAINTENANCE OF MACROMOLECULAR COMPONENTS WITHIN MICROORGANISMS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Viability; Radiation; Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0244

TOXICITY OF TRITIUM-LABELED COMPOUNDS ...Beta Particles; Cell Membrane Permeability; Cellular Catabolism-see Degrad; Hydrogen; Radiation; Reactor Sites & Rad Waste; ...5.0280

RADIOSENSITIVITY OF MAMMALIAN CELLS IN TISSUE CULTURES ...Radiation Sensitivity -man; Radiation, Lethal Dose; Sulfhydryl Compounds; ...5.0289

PARTIAL-CELL IRRADIATION OF MITOTIC CELLS ...Amphibians; Protons; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0309

RADIATION DAMAGE - METABOLISM IN REPRODUCTIVE SYSTEM ...Cellular Biosynthesis; Cellular Repair Mechanisms; Experimental Teratology; Muridae; Radiation Sensitivity -man; ...5.0329

TISSUE CULTURE STUDIES OF HUMAN LYMPHOCYTES ...Cellular Repair Mechanisms; Radiation; Radiation Effects - Biological; Radioisotopes -nonspecific; Ultra Violet Radiation; ...5.0363

CELLULAR PROLIFERATION AND REGENERATION FOLLOWING TISSUE DAMAGE ...Cell Injury and Autolysis; Cellular Biosynthesis; Healing; Injury and Shock; Radiation; Radiation Effects - Biological; ...5.0412

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES ...Albizzia; Growth; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Temperature; X and Gamma Rays; ...5.0414

THE CELLULAR AND MOLECULAR BASIS OF RECOVERY FROM RADIATION INJURY ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0501

EFFECT OF WHOLE BODY X- AND GAMMA-IRRADIATION ON THE BIOSYNTHESIS OF CERTAIN SERUM PROTEINS ...Cell Membrane Permeability; Permeability; Radiation, Lethal Dose; Stressors, Physiological; X and Gamma Rays; ...5.0606

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION ...Carbon, Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Rate of Reaction; Ultra Violet Radiation; ...5.0687

STUDIES ON THE EFFECT OF X-RAYS ON DNA SYNTHESIS IN POLYTENE CHROMOSOMES ...Cellular Biosynthesis; Cellu-

lar Repair Mechanisms; Hydrogen; Invertebrates; Physical Mutagenesis; Ultra Violet Radiation; X and Gamma Rays; ...5.0765

CONTROL OF ION CONTENT OF CELLS ...Active Transport; Cell Injury and Autolysis; Cellular Model Systems; Ionic Effect; Microorganisms; Potassium; Strontium; Zooplankton; ...5.0886

Cellular Model Systems

TOBACCO SMOKE AND LUNG BIOCHEMISTRY ...Air Pollution -see Specifics; Cell Injury and Autolysis; Mammals -nonspecific; Respiratory Irritants, Inhaled; Toxicology; ...1.0171

THE EFFECT OF INFLUENZA VIRUS AND NICOTINE ON THE NUCLEAR STRUCTURE OF CILIATED HUMAN EPITHELIUM ...Air Pollution -see Specifics; Mammals -nonspecific; Respiratory Irritants, Inhaled; Time-lapse Photography; Viral Carcinogenesis; ...1.0199

PULMONARY REACTIONS TO GASEOUS ENVIRONMENTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Gases; Respiratory Irritants, Inhaled; Toxicology; ...1.0222

STUDY OF IRRADIATED AIR POLLUTANTS ON SPREAD FILMS ...Additives; Air Pollution -see Specifics; Antioxidants - nonspecific; Gases; Natural Occurring Membranes; Radiation Sources -general; ...1.0370

EVALUATION OF SOME ENVIRONMENTAL CONDITIONS CAUSING ALGAL BLOOMS ...Algae - Chrysophyta-cf Diatoms; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Eutrophication; ...2.0686

KINETICS OF BIOLOGICAL FILTERS ...Aerobic Waste Water Treatment; Kinetics; Mathematical Models; Microorganisms -nonspecific; Organics; Trickling Filters; ...2.0943

DEVELOPMENT & APPLICATION OF QUANTITATIVE TISSUE CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Cell Membrane Permeability; Ionic Effect; Rotenone; Water Pollutant Identification; ...4.1108

KINETIC MODELS OF PHOTOREACTIVATION IN BACTERIA ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Metabolism and Biochemistry; Poisson Distributions; Radiation -see Specifics; ...5.0295

CHROMOSOME ABERRATIONS PRODUCED BY INTERNALLY DEPOSITED RADIOACTIVE MATERIALS IN THE CHINESE HAMSTER ...Alpha Particles; Beta Particles; Cerium; Digestive System - Human; Radiation Injury Prevention; Strontium; ...5.0433

STUDIES ON UV RADIATION CARCINOGENESIS IN MICE ...Genetic and Embryonic; Muridae; Radiation Carcinogenesis; Tumor Pathology; Ultra Violet Radiation; ...5.0584

GAMMA RAY EFFECTS ON DICTYOSTELIUM DISCOIDEUM ...Cellular Biosynthesis; Microorganisms; Myxomycetes; X and Gamma Rays; ...5.0594

RADIATION RESPONSE OF IN VITRO MAMMALIAN CELLS ...Cancer; Cellular Viability; Ionizing Radiation -see Rad.; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0693

CONTROL OF ION CONTENT OF CELLS ...Active Transport; Cell Injury and Autolysis; Ionic Effect; Microorganisms; Potassium; Strontium; Zooplankton; ...5.0886

Cellular Physiology- Env. Eff.

BIOCHEMICAL EFFECTS OF SIMULATED AIR POLLUTANTS ...Air Pollution -see Specifics; Air Pollution-chemistry; Chelation & Complexing; ...1.0205

EFFECT OF AIR POLLUTANTS AND OF OTHER ENVIRONMENTAL FACTORS ON PLANT CELL AND TISSUE GROWTH ...Air Pollution -see Specifics; Cellular Biosynthesis; Growth; Nicotiana; Plant Response to Env. -ns; ...1.0323

WATER POLLUTION AND ITS CONTROL BY MICROBIAL METABOLIC ACTIVITIES ...Acid Mine Drainage; Cellular Metabolism - Controls; Chemical Effects; Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; Sulfur Bacteria; Water Quality Control - general; ...2.0160

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Bacterial Morphology; Chemical Reactions; Lagoons; Marine Biology - General; Marine Fouling; Marine Pollution; Plant Productivity -general; Thiorhodaceae; ...2.0188

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Bacterial Ecology; Bacterial Population Surveys; Eutrophication; Lake Deposits; Oregon; Water Bacteria; ...2.0324

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Ionic Effect; Sewage; Water Pollution Sources; ...2.0434

ECOLOGY OF CLOSTRIDIUM BOTULINUM TYPE E IN GREEN BAY ...Aquatic Distribution; Bacterial Exotoxins; Bacterial Population Surveys; Competition Among Thallophytes; Lake Michigan; Water Pollution -see Specifics; ...2.0453

STUDIES ON THE INTERACTIONS OF BACTERIA AND NEMATODES ...Animal Interrelationships -gen; Aquatic Ecology - Animal; Bacterial Pollutant Sources; Invertebrate Physiology; Plant Freshwater Ecology; ...2.0461

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Bacterial Ecology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Mathematical Models; Nutrients; Rehabilitation -streams -lakes; Sewage; Water Pollution -see Specifics; ...2.0552

THE INVESTIGATION AND ANALYSIS OF BIOCHEMICAL PROCESSES OF AQUATIC ORGANISMS UNDER STRESS ...Animal Pharmacology; Biochemical Analysis - Tissues; Cell Injury and Autolysis; Fish; Physiological Effects; Toxic Substances; Water Standards & Baselines; ...2.0639

EVALUATION OF SOME ENVIRONMENTAL CONDITIONS CAUSING ALGAL BLOOMS ...Algae - Chrysophyta-cf Diatoms; Cell Injury and Autolysis; Cellular Metabolism - Controls; Eutrophication; ...2.0686

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys; Chemical Water Properties; Contamination - Water; Environmental Influences; Physical Water Properties; Sediments; Water Pollutants - Path of; ...2.0724

STUDIES ON AQUATIC MYXOBACTERIA ...Bacterial Classification; Bacterial Population Surveys; Degradation -see Pesticide Deg; Myxobacteria; Plant Habitat Studies; Water Bacteria; Water Pollution Sources; Water Quality -general; ...2.0748

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Bacterial Pollutant Sources; Benthic Flora; Chemical Water Properties; Marine Bacteria; Marine Environments; Marine Plants; Plant Population Dynamics -gen; Water Analysis; ...2.0767

SURVIVAL OF INDICATOR ORGANISMS AND ENTERIC BACTERIA IN WATER ...Bacterial Pollutant Sources; Dyes; Lakes; Nutrients; Streptococcus Fecalis; Waste Water Treatment - general; ...2.0801

EFFECTS OF ENVIRONMENTAL CHANGES ON BLUE-GREEN ALGAE ...Algae - Cyanophyta; Algal Physiology; Cellular Metabolism - Controls; Chemical Mutagenesis; Eutrophication; Water Quality Control -general; ...2.0912

ECOLOGY OF SPHAEROTILUS IN ACTIVATED SLUDGE ...Activated Sludge; Chemical Analysis -general; Process Design; Sphaerotilus; Statistics; Thickening; ...2.1005

PHYSIOLOGY OF ACIDOPHILIC BACTERIA OF ACID MINE WATERS ...Acidity (water); Bacterial Population Surveys; Ferrobacillus; Heterotrophic Bacteria; Ionic Effect; Thiobacillus; Water Pollution Sources; ...2.1036

SIGNIFICANCE OF ARTHROBACTER IN ECOLOGY OF WATER AND SOIL ...Arthrobacter; Cellular Catabolism-see Degrad; Dominant Organisms; Moisture; Plant Resistance; Soil Ecology; Soil Microbiology; Water Bacteria; ...2.1136

MEASUREMENT OF ACTIVE BIOMASS CONCENTRATIONS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Industrial Wastes; Sewage - Domestic; Waste Management -see Specific; Water Pollution Sources; ...2.1237

NEW MICROBIAL INDICATOR OF WASTEWATER CHLORINATION EFFICIENCY ...Bacterial Pollutant Sources; Chlorine; Coliforms -nonspecific; Intestinal Bacteria; Sewage - Domestic; Water Pollutant Identification; ...2.1258

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Bacterial Ecology; Chlorine; Effluent-standards; Illinois; Sewage Bacteria; Water Bacteria; ...2.1259

CARBON COLUMN OPERATION IN WATER TREATMENT ...Carbon; Filtration; Microorganisms -nonspecific; Total Organic Carbon; Waste Water Treatment -general; ...2.1355

KINETICS AND MECHANISMS IN ACTIVATED SLUDGE PROCESSES ...Activated Sludge; Cellular Metabolism - Controls; Kinetics; Process Design; Sewage Bacteria; Waste Water Treatment -general; ...2.1386

MICROBIOLOGICAL CHARACTERIZATION OF ACTIVATED SLUDGE IN A WASTEWATER TREATMENT PLANT CHEMI-

CALLY MODIFIED FOR PHOSPHORUS REMOVAL ...Activated Sludge; Bacterial Identification; Organics; Phosphorus and Phosphorus Cpds; ...2.1405

WASTE WATER ODOR REDUCTION MECHANISMS IN SOIL FILTERS ...Degradation -see Pesticide Deg; Filtration; Soil Bacteria; Soil Chemical Properties; Soil Filters; Taste & Odor of Water; Water Quality Control -general; ...2.1447

INVESTIGATIONS OF ZOOGLOEAL FLOCS ...Bacterial Classification; Bacterial Identification; Flocculation; Model Studies; Waste Water Treatment -general; ...2.1461

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Adsorption; Algal Physiology; Colloidal Phenomena; Eutrophication; Gases; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Sewage Bacteria; Waste Water Treatment -general; ...2.1463

BIOLOGICAL METHODS OF SLUDGE DEWATERING ...Activated; Bacterial Identification; Microorganisms -nonspecific; Waste Drying; ...2.1490

MICROBIOLOGY OF THERMALLY POLLUTED ENVIRONMENTS ...Acidity (water); Bacteria -nonspecific; Hyperthermal; Radioisotopes -nonspecific; Thermophilic Bacteria; Water Pollutant Identification; ...2.1550

POLLUTION AND THE ECOLOGY OF NEAR-SHORE PERIPHYTON OF LAKE SUPERIOR ...Contamination - Water; Environmental Influences; Eutrophication; Nutrients; ...2.1599

THE EFFECT OF SALINITY ON THE OXIDATION OF HYDROCARBONS IN ESTUARINE ENVIRONMENTS ...Biodegradation-see Degradation; Estuaries; Oil Removal; Petroleum Wastes - Spillage; Salinity (water); Size; ...2.1611

EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON ...Algal Physiology; Bioassays; Contamination - Water; Estuaries; Petroleum Wastes - Spillage; Phytoplankton; Zooplankton; ...2.1703

PHYSIOLOGY AND ECOLOGY OF MARINE DIATOMS ...Biological Effects; Diatoms (see Also Algae); Marine Plants; Phytoplankton; Salinity; Taxonomy -plant, ...2.1767

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment -general; ...2.1775

THE ECOLOGY OF THE MICROBIAL POPULATION OF ACTIVATED SLUDGE ...Activated; Degradation -see Pesticide Deg; Mechanism Determination; Toxic Substances; Waste Management -see Specific; ...3.0021

USE OF ALGAE, ALGAE-PROTOZOA, AND ALGAE-BACTERIA CULTURES IN SEWAGE TREATMENT ...Algae - Chlorophyta; Algae - Cyanophyta; Foreign Agriculture; Oxygen Content (water); Product Development Research; Sewage - Domestic; Waste Water Treatment -general; ...3.0136

MICROBIAL RELEASE OF SOLUBLE PHOSPHATE IN AN ACTIVATED SLUDGE ENVIRONMENT ...Cellular Metabolism - Controls; Gases; Microorganisms -nonspecific; Sewage Bacteria; Waste Management -see Specific; Waste Water Treatment - general; ...3.0331

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

EFFECT OF PESTICIDES ON MORPHOLOGY AND STRUCTURE OF LACTIC ACID ORGANISMS ...Bacteria -nonspecific; Dipterex; Insecticides -nonspecific; Malathion; Pesticides -nonspecific; Streptococcus -nonspecific; ...4.0522

THE INFLUENCE OF ENVIRONMENTAL AGENTS ON THE GENESIS OF RIBOSOMES IN MAMMALIAN CELLS ...Cellular Biosynthesis; Chlorinated Hydrocarbons; Environmental Effects - Human; Kinetics; Laboratory Animals; Pesticide Action on Animals; ...4.0783

CONTROL OF CELL GROWTH, DIFFERENTIATION AND FUNCTION ...Cell Injury and Autolysis; Gases; Ionic Effect; Radiation Injury Prevention; Tumor Pathology; Water Movement, Osmosis; X and Gamma Rays; ...5.0347

PHYSICO-CHEMICAL STUDIES ON IRRADIATED CELLS ...Cell Injury and Autolysis; Physical Mutagenesis; Radiation; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Radiation Sources -general; ...5.0678

THE RADIOSENSITIVITY OF MAMMALIAN GERM CELLS ...Aging; Muridae; Mustelidae; Radiation Sources -general; ...5.0710

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Cell Membrane Permeability; Chlorophyll; Electronic Components; Permeability; Physical Control; Potamogetonaceae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

Gases

BIOLOGICAL EFFECTS OF GASEOUS IONS ...Air Pollution -see Specifics; Bacteria -nonspecific; Cell Injury and Autolysis; Environmental Physiology; Growth; Muridae; Protozoa; ...1.0170

BIOCHEMICAL EFFECTS OF AIR POLLUTANT OXIDANTS ...Air Pollution -see Specifics; Air Pollution-chemistry; Cell Injury and Autolysis; Oxidation; ...1.0183

PULMONARY REACTIONS TO GASEOUS ENVIRONMENTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Respiratory Irritants, Inhaled; Toxicology; ...1.0222

RED CELL DEFENSE MECHANISMS AGAINST AIR POLLUTION ...Air Pollution -see Specifics; Carbon Monoxide; Cell Injury and Autolysis; Cellular Metabolism - Controls; Contamination - see Air & Water; Respiratory Irritants, Inhaled; ...1.0228

INITIATE A STUDY AND BEGIN COLLECTION OF DATA ON THE EFFECTS OF IN-VIVO EXPOSURE TO CO ON ERYTHROCYTE METABOLISM ...Air Pollution -see Specifics; Anoxia and Hypoxia; Carbon Monoxide; Developmental Physiology; Ionic Effect; Mammals -nonspecific; Toxicology; ...1.0247

EFFECTS OF LOW LEVELS OF LEAD ON PROTEIN SYNTHESIS ...Air Pollution -see Specifics; Cellular Biosynthesis; Petroleum -see Oil; Respiratory Irritants, Inhaled; ...1.0294

ESR STUDIES OF BIOCHEMICAL EFFECTS OF ATMOSPHERIC POLLUTANTS ...Air Pollution-chemistry; Free Radical Reactions; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Tobacco -cigarettes; Tobacco Products &/or Smoking; ...1.0299

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Cell Injury and Autolysis; Herbicides and Other Chem; Nicotiana; Phaseolus; Pollutant Resistance; ...1.0334

ATMOSPHERIC CONSTITUENTS OF THE TERRESTRIAL-TYPE PLANETS ...Algae - Cyanophyta; Algal Pollutant Sources; Environmental Influences; Pesticides -nonspecific; Space Medicine - Exobiology; Weather - Physical Properties, ...1.0345

EFFECTS OF CIGARETTE SMOKE ON PLANT CELLS IN TISSUE CULTURES ...Air Pollution -see Specifics; Allium; Bioassays; Herbicides and Other Chem; Lemnaceae; Nicotiana; Tobacco -cigarettes; ...1.0349

ACTION OF AIR POLLUTANTS ON PLANTS AND METHODS OF DAMAGE CONTROL ESPECIALLY THROUGH RESISTANCE ...Air Pollution -see Specifics; Cellular Biosynthesis; Ornamentals; Phaseolus; Pigments; Polygonaceae; ...1.0351

A STUDY OF PLANTS GROWING IN POLLUTED ATMOSPHERES ...Air Pollution -see Specifics; Fumigants -nonspecific; Growth; Plant Pathology - Env. Relat.; ...1.0364

STUDY OF IRRADIATED AIR POLLUTANTS ON SPREAD FILMS ...Additives; Air Pollution -see Specifics; Antioxidants - nonspecific; Natural Occurring Membranes; Radiation Sources - general; ...1.0370

EFFECT OF AIR POLLUTION - MICROBES IN VIVO AND IN VITRO ...Air Pollution -see Specifics; Cellular Viability; Microorganisms -nonspecific; Soil Fungi -nonspecific; Sulfur Dioxide; ...1.0379

AIR POLLUTION EFFECTS ...Animal Life History Studies; Hamamelidaceae; Oleaceae; Pinus Nigra; Pinus Virginiana; Plant Response to Env. -ns; Quercus; ...1.0419

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

OXYGEN CONSUMPTION IN CONTINUOUS BIOLOGICAL CULTURE ...Activated Sludge; Aeration (water); Process Design; Waste Water Treatment -general; ...2.1024

UPTAKE AND RELEASE OF SOLUBLE ORTHOPHOSPHATE BY ACTIVATED SLUDGE ...Activated Sludge; Aeration (water); Ionic Effect; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Temperature; ...2.1257

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Organics; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Adsorption; Algal Physiology; Colloidal Phenomena; Eutrophication; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Sewage Bacteria; Waste Water Treatment -general; ...2.1463

MICROBIOLOGY OF SLUDGE - DNA ANALYSIS AND N2 REMOVAL ...Activated; Cellular Viability; Denitrification -see Nitrogen; Hyperthermal; Nitrogen and Nitrogen Cpds.; ...3.0207

MICROBIAL RELEASE OF SOLUBLE PHOSPHATE IN AN ACTIVATED SLUDGE ENVIRONMENT ...Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Microorganisms -nonspecific; Sewage Bacteria; Waste Management -see Specific; Waste Water Treatment -general; ...3.0331

STUDIES ON ENZYMIC REPAIR OF RADIATION INJURY IN MAMMALIAN CELLS ...Cellular Repair Mechanisms; Injury and Shock; Radiation; Radiation Effects - Biological; ...5.0096

MODIFICATION OF RADIATION RESPONSE IN VITRO ...Anoxia and Hypoxia; Cellular Repair Mechanisms; Cricetus; Mammals -nonspecific; Passive Transport, Diffusion; Radiation; Toxic Substances; ...5.0169

CONTROL OF CELL GROWTH, DIFFERENTIATION AND FUNCTION ...Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Ionic Effect; Radiation Injury Prevention; Tumor Pathology; Water Movement, Osmosis; X and Gamma Rays; ...5.0347

RESPONSE OF LIVING CELLS TO HIGH INTENSITY PULSED ELECTRONS AND EXAMINATION OF OXYGEN DIFFUSION KINETICS IN CELLS ...Anoxia and Hypoxia; Cancer; Metabolism and Biochemistry; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0491

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

RADIATION RECOVERY MECHANISMS OF G1 AND G2 CELLS IN THE MITOTIC CYCLE OF PISUM ROOT MERISTEMS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Growth; Nucleic Acid Compounds; Plants; Radiation Effects -see Rad.; Radioisotopes -nonspecific; ...5.0538

STUDIES ON THE MECHANISM OF THE EFFECT OF IONIZING RADIATIONS ON THE OLFACTORY SYSTEM ...Cavidae; Muridae; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0558

COMPARISON OF RADIATION AND OXYGEN EFFECTS ON CELLS ...Ionic Effect; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0563

DOSE-TIME FACTORS INFLUENCING CELLULAR RADIOSENSITIVITY ...Anoxia and Hypoxia; Cell Injury and Autolysis; Mammals -nonspecific; Radiation Sensitivity -man; X and Gamma Rays; ...5.0624

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Bacteria -nonspecific; Cell Injury and Autolysis; Microorganisms; Plants; Radiation; Temperature; X and Gamma Rays; ...5.0677

PHYSICAL AND PHYSIOLOGICAL COMPONENTS OF RADIATION EFFECTS IN CELLS ...Bacillus Megaterium; Bacterial Morphology; Cell Injury and Autolysis; Microorganisms; Radiation; Staphylococcus Aureus; ...5.0829

Ionic Effect

INITIATE A STUDY AND BEGIN COLLECTION OF DATA ON THE EFFECTS OF IN-VIVO EXPOSURE TO CO ON ERYTHROCYTE METABOLISM ...Air Pollution -see Specifics; Anoxia and Hypoxia; Carbon Monoxide; Developmental Physiology; Gases; Mammals -nonspecific; Toxicology; ...1.0247

ATMOSPHERIC IONS AND THE INFECTION PROCESS OF FUNGI ...Air Pollution; Environmental Factors; Particulates - Air Pollution; Plant Pathogenetic Fungi; Plant Pathology - Env. Relat.; ...1.0362

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Sewage; Water Pollution Sources; ...2.0434

MINERALIZATION OF ORGANIC PHOSPHORUS IN OLIGOTROPHIC LAKE SEDIMENTS ...Aluminum; Catalysts; Chemical Water Properties; Hydrolysis, Esterification; Lime Treatment; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; ...2.0692

EFFECTS OF INDUSTRIAL EFFLUENTS ON PRIMARY PHYTOPLANKTON INDICATORS ...Diatoms (see Also Algae); Effluents - Waste Water; Phytoplankton; Statistics; Tracers; ...2.0802

DEVELOPMENT OF METHODOLOGY FOR ISOLATION OF VIRUSES FROM WATER ...Adsorption; Kinetics; Spectrographic Techniques; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.0954

PHYSIOLOGY OF ACIDOPHILIC BACTERIA OF ACID MINE WATERS ...Acidity (water); Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Ferrobacillus; Heterotrophic Bacteria; Thiobacillus; Water Pollution Sources; ...2.1036

DETERMINATION OF THE FEASIBILITY OF REMOVAL OF ALGAL NUTRIENTS IN LAKE WATERS BY ION-EXCHANGE ...Acidity (water); Circulation (water); Eutrophication; Ion Exchange; Massachusetts; Nutrients; Water Chemistry; ...2.1040

DEGRADATION OF PETROLEUM AND RELATED COMPOUNDS IN THE BIOSPHERE ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Marine Plants; Oil; Petroleum - see Oil; Petroleum Research; ...2.1071

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS ...Aquatic Soils; Coastlines - Shorelines; Degradation -see Pesticide Deg; Marine Biology - General; North Carolina; Petroleum -see Oil; Swamps - Marshes; Water Chemistry; ...2.1072

UPTAKE AND RELEASE OF SOLUBLE ORTHOPHOSPHATE BY ACTIVATED SLUDGE ...Activated Sludge; Aeration (water); Gases; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Temperature; ...2.1257

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Adsorption; Algal Physiology; Colloidal Phenomena; Eutrophication; Gases; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Sewage Bacteria; Waste Water Treatment -general; ...2.1463

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; Tracers; ...2.1731

MICRO-ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER ...Acid Mine Drainage; Acidity (water); Forecasting - Prediction; Induced Temperature; Lower Plants; Phytoplankton; Primary Productivity - Plants; Thermal Pollution; ...2.1772

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment - general; ...2.1775

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

DEVELOPMENT & APPLICATION OF QUANTITATIVE TISSUE CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Cell Membrane Permeability; Cellular Model Systems; Rotenone; Water Pollutant Identification; ...4.1108

TISSUE CULTURE RESEARCH AND PLANS FOR ITS EXTENSION ...Californium; Cellular Repair Mechanisms; Plants; Radiation Effects - Biological; Radium; ...5.0056

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

MECHANISM OF RADIATION EFFECTS ON THE TRANSPORT AND BIOELECTRIC PROPERTIES OF RAT INTESTINE

...Chlorine; Muridae; Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0263

PROTECTION AGAINST RADIATION DAMAGE TO CHROMOSOMES ...Adenosine Triphosphate; Cell Injury and Autolysis; Cellular Repair Mechanisms; Lethal Mutation; Radiation; ...5.0310

CONTROL OF CELL GROWTH, DIFFERENTIATION AND FUNCTION ...Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Gases; Radiation Injury Prevention; Tumor Pathology; Water Movement, Osmosis; X and Gamma Rays; ...5.0347

INFLUENCE OF HIGH LET RADIATIONS ON DIVISION DELAY AND SURVIVAL OF MAMMALIAN CELLS IN VITRO ...Cancer; Cellular Repair Mechanisms; Cobalt; Neutron - see Radiation; Vertebrates Excl. Man; X and Gamma Rays; ...5.0461

RADIATION RESPONSE OF THE CELL MEMBRANE ...Cell Injury and Autolysis; Kinetics; Permeability; Radiation; Radiation Dose Studies-general; X and Gamma Rays; ...5.0562

COMPARISON OF RADIATION AND OXYGEN EFFECTS ON CELLS ...Gases; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0563

MAINTENANCE OF MEMBRANE INTEGRITY IN MAMMALIAN CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; Radiation, Lethal Dose; Ultraviolet Spectroscopy; ...5.0631

CONTROL OF ION CONTENT OF CELLS ...Active Transport; Cell Injury and Autolysis; Cellular Model Systems; Microorganisms; Potassium; Strontium; Zooplankton; ...5.0886

ROLE OF 2-DEOXYGLUCOSE AND OTHER METABOLIC INHIBITORS ON THE RADIATION SENSITIVITY OF CULTURED MAMMALIAN CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0909

ELECTRICAL AND ACOUSTICAL STUDIES OF CELLS ...Acoustics; Bacteria -nonspecific; Bacterial Studies -general; Cell Membrane Permeability; Permeability; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0098

Light

ALGAE DEGRADATION IN WATERWAYS ...Algae -nonspecific; Algal Pollutant Sources; Contamination - Water; Environmental Influences; ...2.0043

EDDY DIFFUSION AND BACTERIAL REDUCTION IN WASTE FIELDS ...Bacteria; Coliforms -nonspecific; Marine Plants; Optical Properties of Water; Waste Treatment - Radiation; ...2.1181

A STUDY OF THE BIOCHEMICAL EFFECTS OF IONIZING AND NONIONZING RADIATION ON PLANT METABOLISM DURING DEVELOPMENT ...District of Columbia; Plants; Radiation; Radiation Effects -see Rad.; ...5.0234

KINETIC MODELS OF PHOTOREACTIVATION IN BACTERIA ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Metabolism and Biochemistry; Poisson Distributions, Radiation -see Specifics; ...5.0295

PHOTODYNAMIC MUTAGENESIS ...Bacteriophage; Escherichia Coli; Microorganisms; Radiation; Reversion Mutation; Ultra Violet Radiation; ...5.0297

LASER EFFECTS UPON VISUAL PERFORMANCE ...Cell Injury and Autolysis; Cercopithecoidea; Psychology; Radiation -see Specifics, Sensory & Perceptual Processes; ...5.0336

AIRCREW VISUAL IMPAIRMENT/INJURY THRESHOLDS FROM NUCLEAR WEAPONS ...Cell Injury and Autolysis; Mammals -nonspecific; Nuclear Warfare; Radiation; Radiation Dose Studies-general; Radiologic Health; ...5.0357

THE BIOLOGY OF THE RETINAL PIGMENT EPITHELIAL CELL ...Cercopithecoidea; Radiation; Radiation -see Specifics; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0377

CAROTENOID PIGMENTS AND PHOTOTOXICITY AND PHOTOPROTECTION IN BACTERIA ...Bacterial Studies - general; Cell Injury and Autolysis; Radiation -see Specifics; Sarcina -nonspecific; ...5.0385

THE DETECTION AND ANALYSIS OF MUTAGENS ...Bacteria - nonspecific; Cell Injury and Autolysis; Chemical Mutagenesis; Evolution; Microorganisms; Radiation; ...5.0773

Moisture

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Mathematical Models; Nitrogen and Nitrogen Cpds.; Urban Research - general; ...1.0433

SIGNIFICANCE OF ARTHROBACTER IN ECOLOGY OF WATER AND SOIL ...Arthrobacter; Cellular Catabolism-see Degrad; Dominant Organisms; Plant Resistance; Soil Ecology; Soil Microbiology; Water Bacteria; ...2.1136

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

Radiation

EFFECT OF IRRADIATION ON THE MICROECOSYSTEM OF SEWAGE ...Microorganisms -nonspecific; Sewage; Sewage Bacteria; ...3.0137

MICROFLORA IN THE SURROUNDINGS OF REACTORS, IRRADIATION PLANTS, & OTHER AREAS WITH A HIGH LEVEL OF IRRADIATION OVER A LONG DURATION (ABBREV) ...Air Pollution Sampling; Impact on Environment; Microorganisms; Microorganisms -nonspecific; Nuclear Reactors; Radiation Sensitivity -man; Radiation Sources -general; ...5.0026

BIOLOGICAL RESPONSE TO SMALL, DISCRETE, HIGHLY RADIOACTIVE PARTICLES ...Environmental Effects - Human; Injury and Shock; Muridae; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0052

TISSUE CULTURE RESEARCH AND PLANS FOR ITS EXTENSION ...Californium; Cellular Repair Mechanisms; Ionic Effect; Plants; Radiation Effects - Biological; Radium; ...5.0056

ULTRAVIOLET LIGHT EFFECTS ON NUCLEIC ACID FORMATION AND GENETIC EVENTS IN BACTERIA ...Bacteria -nonspecific; Cellular Biosynthesis; Cellular Repair Mechanisms; Physical Mutagenesis; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0067

EFFECTS OF AGING ON SOME ENERGY-LINKED FUNCTIONS OF PLANT MITOCHONDRIA ...Aging; Phaseolus; Radiation Effects -see Rad., Radiation, Lethal Dose; Seeds; ...5.0090

THE EFFECT OF RADIATION ON DENTAL TISSUES ...Cell Injury and Autolysis; Muridae; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0092

THE ROLE OF ENERGY METABOLISM IN REPAIR AND MACROMOLECULE SYNTHESIS AFTER IRRADIATION ...Adenosine Triphosphate; Biological Dosimetry; Cellular Repair Mechanisms; Dose Rate, Dose Fractionation; Radiation Injury Prevention; ...5.0094

EFFECT OF IRRADIATION ON MEMBRANE AND TRANSPORT CHARACTERISTICS OF ISOLATED FROG SKIN ...Active Transport; Electrical Current -bioeffects; Mathematical Models; Permeability, Radiation Dose Studies-general; X and Gamma Rays; ...5.0095

STUDIES ON ENZYMIC REPAIR OF RADIATION INJURY IN MAMMALIAN CELLS ...Cellular Repair Mechanisms; Gases; Injury and Shock; Radiation Effects - Biological; ...5.0096

RADIOSENSITIVITY OF BIOPOLYMER SYNTHESIS, WITH PARTICULAR EMPHASIS ON THE MITOTIC CYCLE ...Cellular Biosynthesis; Radiation Chemistry -biophys.; Radiation Sensitivity -man; ...5.0103

RADIATION STUDIES ON CELL POPULATIONS ...Cancer; Cell Injury and Autolysis; Ionizing Radiation -see Rad.; Radiation Injury Prevention; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0107

BIOCHEMISTRY AND PHYSIOLOGICAL RESPONSE TO IRRADIATION--RADIOSENSITIVITY OF LYMPHOCYTES ...Actinomycin; Cellular Repair Mechanisms; Cellular Viability; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0111

ELECTROPHYSIOLOGICAL AND BIOCHEMICAL STUDIES OF THE EFFECTS OF RADIATION ON BRAIN ACTIVITY AND DEVELOPMENT ...Bioelectric Phenomena; Developmental Physiology; Muridae; Radiation Sensitivity -man; X and Gamma Rays; ...5.0120

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Radiation Effects - Biological; Space Medicine - Exobiology; Space Science and Technology; Ultrasonic -bioeffects; Ultrasonic Engineering; X and Gamma Rays; ...5.0122

MAMMALIAN STUDIES WITH ACCELERATORS: GERMFREE RESEARCH ...Cell Injury and Autolysis; Cobalt; Digestive System - Human; Muridae; Protons, Radiation Sensitivity -man; Radiation, Lethal Dose; ...5.0124

CELLULAR AND CYTOGENETIC EVALUATION OF RADIATION EFFECT ...Canidae; Cellular Biosynthesis; Radiation Effects f Biological; Sciuridae; Strontium; X and Gamma Rays; ...5.0131

KINETICS OF HEMATOPOIETIC REPOPULATION FOLLOWING IRRADIATION INJURY ...Bacterial Endotoxins; Kinetics; Radiation Injury Prevention; Radiation, Low Level; ...5.0135

RADIATION EFFECTS ON DIFFERENTIATION AND TISSUE CONTROL ...Bacteria -nonspecific; Cell Injury and Autolysis; Fungi -nonspecific; Invertebrates; Physical Mutagenesis; Radiation Carcinogenesis; Radiation, Low Level; X and Gamma Rays; ...5.0138

SOMATIC EFFECTS OF LOW DOSE RADIATION: RADIATION, CHROMOSOMES AND HUMAN CANCER ...Radiation Carcinogenesis; Radiation, Low Level; Tumor Pathology; ...5.0139

BIOLOGICAL CONTROL PROCESSES AND RADIATION ...Bacteriophage; Cellular Biosynthesis; Escherichia Coli; Metabolism and Biochemistry; ...5.0142

BIOCHEMICAL EFFECTS OF IONIZING RADIATION ON BRAIN CELLS IN CULTURE ...Cellular Biosynthesis; Cellular Catabolism-see Degrad; Cellular Repair Mechanisms; Dosimetry; Tumor Pathology; ...5.0152

RADIATION DAMAGE AND ITS REPAIR IN HUMAN CHROMOSOMES ...Cell Injury and Autolysis; Cellular Metabolism - Controls; Kinetics; Radiation, Low Level; Ultra Violet Radiation; ...5.0158

MODIFICATION OF RADIATION RESPONSE IN VITRO ...Anoxia and Hypoxia; Cellular Repair Mechanisms; Cricetus; Mammals -nonspecific; Passive Transport, Diffusion; Toxic Substances; ...5.0169

PHOTO- AND RADIOCHEMICAL REACTIONS OF NUCLEIC ACIDS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Kinetics; Radiation Chemistry -biophys.; X and Gamma Rays; ...5.0170

PULSE RADIOLYSIS STUDIES ...Ionizing Radiation -see Rad.; Kinetics; Radiation Chemistry -biophys.; Radiation Injury Prevention; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0176

ESTIMATING THE GENETIC HAZARDS OF ENVIRONMENTAL AGENTS ...Cell Injury and Autolysis; Environmental Carcinogenesis; Plants; Radiation Carcinogenesis; Vicia; ...5.0179

RADIATION EFFECTS ON CAPILLARIES AND STROMAL ELEMENTS ...Actinomycin; Cell Injury and Autolysis; Muridae; Radiation Injury Prevention; ...5.0180

CHROMOSOME STRUCTURE AS REVEALED BY RADIATION STUDIES ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation Sources -general; Vicia; ...5.0182

CELLULAR AND MOLECULAR STUDIES OF RADIATION DAMAGE AND REPAIR IN CULTURED MAMMALIAN CELLS ...Anoxia and Hypoxia; Beta Particles; Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation Sensitivity -man; X and Gamma Rays; ...5.0185

COMPARISON OF ULTRA-VIOLET AND X-RAY DAMAGE IN THE PROGENY OF IRRADIATED CELLS - STUDY OF PROTEIN AND RNA SYNTHESIS IN OEDOGONIUM ...Algae - Chlorophyta; Algal Physiology; Cell Injury and Autolysis; Ultra Violet Radiation; ...5.0186

EFFECTS OF FRACTIONATED EXPOSURES OF CULTURED MAMMALIAN CELLS TO ULTRA-VIOLET RADIATION ...Biological Basis; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0187

RADIATION OF FISH DURING SYNCHRONOUS MITOSIS ...Fish, Vertebrates Excl. Man; ...5.0188

ELECTRON MICROSCOPY STUDY ON THE CELL RESPONSE OF THE CEREBELLAR CORTEX TO IONIZING RADIATION ...Radiation Effects - Biological; X and Gamma Rays; ...5.0192

THE CYTOGENETICS OF URANIUM MINERS EXPOSED TO RADON 222 ...Bioassays; Body Isotope Burden; Occupational Hazards; Radiation Carcinogenesis; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0207

CELLULAR RESPONSES TO IRRADIATION ...Biological Basis; Cellular Biosynthesis; Cricetus; Radiation Sensitivity -man; X and Gamma Rays; ...5.0208

REPAIR OF RADIATION DAMAGE TO CELLULAR DNA ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0209

STUDIES ON THE EFFECTS OF RADIATIONS ON DNA ...Bacteria -nonspecific; Cell Injury and Autolysis; Microorganisms; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0213

IDENTIFICATION OF THE RADIOSENSITIVE STAGES DURING THE DIFFERENTIATION OF THE IMMUNOCOMPETENT CELL ...Radiation Sensitivity -man; Radiation, Lethal Dose; Radiation, Whole Body; Sus; X and Gamma Rays; ...5.0221

THE ROLE OF STRUCTURE AND ENERGY (OR IONIZATION) TRANSFER IN RADIATION CHEMISTRY AND BIOLOGY ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Plants; Radiation Injury Prevention; X and Gamma Rays; ...5.0224

A STUDY OF THE BIOCHEMICAL EFFECTS OF IONIZING AND NONIONZING RADIATION ON PLANT METABOLISM DURING DEVELOPMENT ...District of Columbia; Light; Plants; Radiation Effects -see Rad.; ...5.0234

RESPONSE OF CELLS DERIVED FROM SJTS INJURED BY PHYSICAL TRAUMA, RADIATION OR INFECTIOUS AGT EXPOSURE ...Biological Dosimetry; Cell Injury and Autolysis; Cercopithecoidea; Military Personnel; Occupational Hazards; Radiologic Health; Trauma; ...5.0241

ALTERATION INDUCED BY X-RAY & ULTRAVIOLET LIGHT ON THE SYNTHESIS & MAINTENANCE OF MACROMOLECULAR COMPONENTS WITHIN MICROORGANISMS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Viability; Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0244

MECHANISM OF RADIATION EFFECTS ON THE TRANSPORT AND BIOELECTRIC PROPERTIES OF RAT INTESTINE ...Chlorine; Ionic Effect; Muridae; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0263

THE EFFECT OF GAMMA IRRADIATION ON THE LIPID METABOLISM OF RADIOSENSITIVE TISSUES ...Radiation Sensitivity -man; X and Gamma Rays; ...5.0265

NEUTRON AND GAMMA RAY TOXICITY STUDIES EMPLOYING THE JANUS BIOLOGY REACTOR COMPLEX ...Accident; Aging; Digestive System - Human; Occupational Hazards; Radiation Effects - Biological; Radiation, Lethal Dose; Rodentia -other; ...5.0278

TOXICITY OF TRITIUM-LABELED COMPOUNDS ...Beta Particles; Cell Membrane Permeability; Cellular Catabolism-see Degrad; Hydrogen; Reactor Sites & Rad Waste; ...5.0280

THERAPY OF POISONING BY RADIOACTIVE AND NON-RADIOACTIVE METALS ...Americum; Digestive System - Human; Muridae; Rabbits; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0281

ULTRASTRUCTURE CHANGES ASSOCIATED WITH CELL DIFFERENTIATION IN NORMAL AND IRRADIATED ORGANISMS ...Antibiotics -nonspecific; Cell Injury and Autolysis; Radiation Sensitivity -man; X and Gamma Rays; ...5.0292

PREPARATION AND PROPERTIES OF SUBCELLULAR FRACTIONS ...Muridae; Nitrogen and Nitrogen Cpds.; Radiation Injury Prevention; Sulfhydryl Compounds; X and Gamma Rays; ...5.0294

KINETIC MODELS OF PHOTOREACTIVATION IN BACTERIA ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Metabolism and Biochemistry; Poisson Distributions; Radiation -see Specifics; ...5.0295

PHOTOINACTIVATION AND CELLULAR REPAIR ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Dyes -nonspecific; Escherichia Coli; Radiation -see Specifics; Ultra Violet Radiation; ...5.0296

PHOTODYNAMIC MUTAGENESIS ...Bacteriophage; Escherichia Coli; Microorganisms; Reversion Mutation; Ultra Violet Radiation; ...5.0297

EFFECTS OF RADIATION AND DRUGS ON HAIR AND HAIR GROWTH ...Cell Injury and Autolysis; Muridae; Radiation Effects - Biological; ...5.0300

CELLULAR EFFECTS OF RADIATION AND CHEMOTHERAPY ...Cancer; Muridae; Radiation Sensitivity -man; ...5.0301

THE LATE EFFECTS AND METABOLISM OF THE BONE SEEKING RADIOELEMENTS ...Muridae; Radiation Carcinogenesis; Radium; ...5.0303

THE MECHANISM OF THE CELL MEDIATED IMMUNE RESPONSE ...Cell Injury and Autolysis; Cellular Biosynthesis; Gallus Domesticus; Injury and Shock; Radiation Effects - Biological; ...5.0304

PARTIAL-CELL IRRADIATION OF MITOTIC CELLS ...Amphibians; Cellular Metabolism - Controls; Protons; Radiation Carcinogenesis; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0309

PROTECTION AGAINST RADIATION DAMAGE TO CHROMOSOMES ...Adenosine Triphosphate; Cell Injury and Autolysis; Cellular Repair Mechanisms; Lethal Mutation; ...5.0310

RADIATION INDUCED CHROMOSOME DAMAGE AND CELL RESPONSE ...Cell Injury and Autolysis; Cellular Repair

Mechanisms; Mammals -nonspecific; Radiation Effects - Biological; X and Gamma Rays; ...5.0311

PREVENTION OF RADIATION-INDUCED LEUKEMIA ...Muridae; Radiation Injury Prevention; Radiation Sources -general; ...5.0314

ELECTRON MICROSCOPE STUDIES OF IRRADIATED BLOOD LYMPHOCYTES IN VITRO ...Cell Injury and Autolysis; Radiation Sources -general; ...5.0315

EFFECTS OF GAMMA-IRRADIATION ON DNA TRANSCRIPTION AND RNA TRANSLATION IN PLANTS ...Cell Injury and Autolysis; Chenopodiaceae; Nitrogen Metabolism; Plants; Radiation Effects -see Rad.; ...5.0322

BIOCHEMICAL ASPECTS OF ERYTHROPOIESIS IN CHRONIC IRRADIATION ...Anoxia and Hypoxia; Cellular Biosynthesis; Dose Rate, Dose Fractionation; Muridae; X and Gamma Rays; ...5.0324

KINETIC AND BIOCHEMICAL ANALYSIS OF INTERACTING RADIATION RECOVERY SYSTEMS IN ESCHERICHIA COLI ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Escherichia Coli; Microorganisms; Radiation Sensitivity -man; ...5.0334

GENETICS OF CANDIDA ALBICANS - NUTRITIONAL MUTAGENESIS AND COMPARATIVE SUSCEPTIBILITY TO ULTRAVIOLET IRRADIATION ...Candida; Cellular Repair Mechanisms; Evolution; Hansenula; Physical Mutagenesis; Taxonomy -plant; ...5.0335

MORPHOLOGICAL AND HISTOCHEMICAL CHANGES IN BONE CELLS AFTER IRRADIATION - A LIGHT AND ELECTRON MICROSCOPIC STUDY ...Calcium; Cell Injury and Autolysis; Hydrogen; Plutonium; Radiation Effects - Biological; X and Gamma Rays; ...5.0350

RADIATION AND RADIOBIOLOGY RESEARCH CENTER ...Cancer; Cell Injury and Autolysis; Hyperthermal; Radiation Effects - Biological; Radiation Sources -general; Research Facilities; X and Gamma Rays; ...5.0354

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - I. MECHANISMS OF RADIATION DAMAGE IN PLANT CELLS ...Cell Injury and Autolysis; Growth Substances; Hordeum Vulgare; Phaseolus; Plants; Radiation Effects -see Rad.; X and Gamma Rays; ...5.0356

AIRCREW VISUAL IMPAIRMENT/INJURY THRESHOLDS FROM NUCLEAR WEAPONS ...Cell Injury and Autolysis; Mammals -nonspecific; Nuclear Warfare; Radiation Dose Studies-general; Radiologic Health; ...5.0357

RADIATION EFFECTS ON MAMMALIAN TUMOR CELLS ...Cancer; Cellular Repair Mechanisms; Neutron -see Radiation; Radiation Sensitivity -man; Radiation, Lethal Dose; Radiation, Low Level; X and Gamma Rays; ...5.0360

THE EFFECTS OF IONIZING RADIATION ON MACROMOLECULES OF BIOLOGICAL IMPORTANCE ...Cell Injury and Autolysis; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0364

TISSUE CULTURE STUDIES OF HUMAN LYMPHOCYTES ...Cellular Metabolism - Controls; Cellular Repair Mechanisms; Radiation Effects - Biological; Radioisotopes -nonspecific; Ultra Violet Radiation; ...5.0365

THE MECHANISM OF RADIATION SENSITIZATION BY 5-BROMODEOXYURIDINE IN CULTURED CHINESE HAMSTER CELLS ...Cell Injury and Autolysis; Cricetus; Mammals -nonspecific; Radiation Chemistry -biophys.; Tumor Pathology; ...5.0366

THE BIOLOGY OF THE RETINAL PIGMENT EPITHELIAL CELL ...Cercopithecoidea; Light; Radiation -see Specifics; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0377

RADIATION RESPONSE OF MAMMALIAN CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Mammals -nonspecific; Radiation Effects - Biological; ...5.0380

PROLIFERATION AND DIFFERENTIATION OF STEM CELLS ...Cancer; Cytotoxin; Muridae; Radiation Effects - Biological; ...5.0382

EFFECTS OF RADIATION ON STATIONARY CELLS ...Cell Injury and Autolysis; Radiation, Lethal Dose; Tumor Pathology; X and Gamma Rays; ...5.0384

LASER RADIATION IN PHOTOCHEMISTRY AND PHOTOBIOLOGY ...Dyes -nonspecific; Flash; Hazardous Materials; Laser Effects -bioeffects; Photochemical Reactions; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0387

THE EFFECT OF IRRADIATION ON THE BIOCHEMICAL CHANGES OF MAMMALIAN CELLS IN THE ABSENCE AND PRESENCE OF PARTICULATE MATERIAL ...Aldehydes -nonspecific; Cancer; Cell Injury and Autolysis; Phagocytosis; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0388

THE WRITING OF A CRITICAL CREATIVE REVIEW ON THE TOPIC, RADIATION SENSITIVITY OF PLANT MERISTEMS ...Plants; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radiation Sources -general; ...5.0395

STUDIES OF RADIATION DAMAGE TO BIOLOGICAL MATERIALS ...Injury and Shock; Lasers and Masers; Radiation Effects - Biological; Sulfhydryl Compounds; X and Gamma Rays; ...5.0400

BIOCHEMICAL CHANGES CAUSED BY RADIATION INACTIVATION ...Cell Injury and Autolysis; Radiation Chemistry - biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0407

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Aging; Commelinaceae; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation Sensitivity -man; Somatic Mutation; Temperature - Air; ...5.0408

EFFECTS OF IRRADIATION ON LICHENS AND LICHEN-FORMING FUNGI AND ALGAE ...Algae -nonspecific; Algal Physiology; Ascomycetes -nonspecific; Cell Membrane Permeability; Radiation Effects on Fungi; Symbiosis - Plants; ...5.0410

CELLULAR PROLIFERATION AND REGENERATION FOLLOWING TISSUE DAMAGE ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Metabolism - Controls; Healing; Injury and Shock; Radiation Effects - Biological; ...5.0412

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES ...Albizzia; Cellular Metabolism - Controls; Growth; Nucleic Acid Compounds; Plant Response to Env. -ns; Temperature; X and Gamma Rays; ...5.0414

EFFECTS OF X-RAYS ON NORMAL AND MALIGNANT CELLS ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Viability; Radiation Effects - Biological; Radiation, Lethal Dose; Tumor Pathology; X and Gamma Rays; ...5.0416

MATHEMATICAL BIOLOGY OF NEOPLASTIC GROWTH ...Cancer; Population - Growth; Radiation Sensitivity -man; Radiation, Lethal Dose; Tumor Pathology; ...5.0417

MACROMOLECULAR RADIATION PATHOLOGY ...Biochemical Analysis - Tissues; Cell Injury and Autolysis; Radiation Chemistry -biophys.; Radiation Dose Studies-general; X and Gamma Rays; ...5.0453

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLETAND X-IRRADIATION DAMAGE ...Bacterial Morphology; Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Cellular Viability; Haemophilus Sp; Microorganisms; ...5.0456

INFLUENCE OF HIGH LET RADIATIONS ON DIVISION DELAY AND SURVIVAL OF MAMMALIAN CELLS IN VITRO ...Cancer; Cellular Repair Mechanisms; Cobalt; Ionic Effect; Neutron -see Radiation; Vertebrates Excl. Man; X and Gamma Rays; ...5.0461

THE RELATIONSHIP BETWEEN RADIATION SENSITIVITY AND OTHER PHYSICAL AND PHYSIOLOGICAL CHARACTERISTICS WITHIN ONE STRAIN OF MICE ...Cellular Repair Mechanisms; Injury and Shock; Muridae; Radiation Sensitivity - man; Radiation Sources -general; ...5.0467

RADIATION-INDUCED DIVISION DELAY AND RECOVERY ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Cellular Viability; Hypothermal; Radiation Effects - Biological; X and Gamma Rays; ...5.0472

PLACENTAL PROGESTERONE SYNTHESIS FEEDBACK CONTROL AND RADIATION SENSITIVITY ...Cellular Biosynthesis; Kinetics; Radiation Effects - Biological; Radiation Sensitivity - man; X and Gamma Rays; ...5.0473

RNA SYNTHESIS IN MAMMALIAN CELLS AFTER RADIATION ...Cancer; Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation Sources -general; ...5.0474

A GENETIC, CYTOLOGICAL AND BIOCHEMICAL STUDY OF CELL CYCLE DEPENDENT CHANGES IN RADIATION SENSITIVITY IN YEAST ...Radiation Effects on Fungi; Radiation Resistance; Radiation Sensitivity -man; Yeasts -nonspecific; ...5.0476

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS ...Bacteriophage; Cell Injury and Autolysis; Cellular Biosynthesis; Escherichia Coli; Microorganisms; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0478

CELL KINETICS OF IRRADIATED SKIN ...Biological Basis; Hydrogen; X and Gamma Rays; ...5.0479

PHASE I. FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS: RADIATION EFFECTS ON REPRODUCTION AND EMBRYOGENESIS ...Cellular Viability; Embryonic Growth Stages; Muridae; Radiation Effects - Biological; Strontium; ...5.0480

RBE OF MONOENERGETIC NEUTRONS ...Bacteria -nonspecific; Invertebrates; Muridae; Radiation, Low Level; ...5.0486

EFFECTS OF H3 THYMIDINE AS A DNA LABEL IN THE RAT LIVER ...Cellular Biosynthesis; Digestive System - Human; Hydrogen; Muridae; Radiation Sensitivity -man; ...5.0489

RESPONSE OF LIVING CELLS TO HIGH INTENSITY PULSED ELECTRONS AND EXAMINATION OF OXYGEN DIFFUSION KINETICS IN CELLS ...Anoxia and Hypoxia; Cancer; Metabolism and Biochemistry; Radiation Sensitivity -man; X and Gamma Rays; ...5.0491

THEORETICAL INVESTIGATION OF ELECTRON LET SPECTRA AND DOSE RELATIONSHIP FOR IONIZING RADIATIONS ...Beta Particles; Dosimetry; Metabolism and Biochemistry; Permeability; Radiation Chemistry -biophys.; Spectrographic Techniques; ...5.0492

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Gases; Muridae; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

THE CELLULAR AND MOLECULAR BASIS OF RECOVERY FROM RADIATION INJURY ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Metabolism - Controls; Cellular Repair Mechanisms; Radiation Injury Prevention; X and Gamma Rays; ...5.0501

MODIFICATION OF RADIATION INDUCED PULMONARY FIBROSIS ...Canidae; Cell Injury and Autolysis; Radiation Sources -general; Respiratory Disease; ...5.0507

KINETICS OF HEMATOPOIETIC STEM CELL PROLIFERATION FOLLOWING X-IRRADIATION ...Canidae; Dosimetry; Monkey; Radiation, Whole Body; ...5.0517

INFLUENCE OF AGE AND RADIATION EXPOSURE ON HUMAN LYMPHOCYTE RESPONSE TO PHYTOHEMAGGLUTININ (PHA) ...Aging; Atomic Bomb; Radiation, Whole Body; Radiologic Health; X and Gamma Rays; ...5.0522

BIOLOGICAL MECHANISMS OF NATURAL AND RADIATION-INDUCED AGING ...Aging; Muridae; Mutagenesis -nonspecific; Physical Mutagenesis; Radition Carcinogenesis; Radiation Effects - Biological; Somatic Mutation; ...5.0524

RECOVERY OF IRRADIATED MAMMALIAN CELLS ...Cancer; Cellular Repair Mechanisms; Cellular Viability; Radiation, Lethal Dose; ...5.0525

HEMOGLOBIN BIOSYNTHESIS ...Cellular Biosynthesis; Kinetics; ...5.0528

EXPERIMENTAL RADIATION CARCINOGENESIS ...Metabolism and Biochemistry; Muridae; Radiation Carcinogenesis; Radiation Effects - Biological; Radiation Sensitivity -man; ...5.0529

RADIATION RECOVERY MECHANISMS OF G1 AND G2 CELLS IN THE MITOTIC CYCLE OF PISUM ROOT MERISTEMS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Growth; Nucleic Acid Compounds; Plants; Radiation Effects -see Rad.; Radioisotopes -nonspecific; ...5.0538

GENETIC EFFECTS OF ACUTE BETA IRRADIATION FROM SIMULATED FALLOUT PARTICLES UPON NATURAL POPULATIONS OF VIGUIERA PORTERI ...Beta Particles; Compositae; Plants; Radiation Effects -see Rad.; Seeds; ...5.0546

THE EFFECT OF RADIATION ON MUCOSAL PHOSPHOLIPASE ACTIVITY ...Digestive System - Human; Muridae; Radiation Effects - Biological; ...5.0550

STUDIES ON THE MECHANISM OF THE EFFECT OF IONIZING RADIATIONS ON THE OLFACTORY SYSTEM ...Caviidae; Gases; Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0558

RADIATION EFFECTS ON CELL AND POPULATIONS DYNAMICS OF U-12 FIBROBLASTS ...Cell Injury and Autolysis; Cellular Catabolism-see Degrad; Computer Methods -general; Population - Growth; Radiation, Low Level; X and Gamma Rays; ...5.0560

RADIATION RESPONSE OF THE CELL MEMBRANE ...Cell Injury and Autolysis; Ionic Effect; Kinetics; Permeability; Radiation Dose Studies-general; X and Gamma Rays; ...5.0562

COMPARISON OF RADIATION AND OXYGEN EFFECTS ON CELLS ...Gases; Ionic Effect; Radiation Effects - Biological; X and Gamma Rays; ...5.0563

TRANSCRIPTION OF RNA & TRANSLATION OF ENZYMES DURING MITOTIC CYCLE OF PHYSARUM POLYCEPHALUM & RADIATION EFFECTS (ABBREV) ...Cell Injury and Autolysis; Cellular Biosynthesis; Microorganisms; Myxomycetes; Radiation Effects on Fungi; X and Gamma Rays; ...5.0565

EFFECTS OF RADIATION ON PERMEABILITY AND ENZYMES OF SKIN ...Cell Injury and Autolysis; Injury and Shock; Permeability; Phagocytosis; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0575

UV MICROBEAM STUDIES OF MITOSIS ...Cell Injury and Autolysis; Ultra Violet Radiation; ...5.0578

RADIATION EFFECTS ON NUCLEIC ACIDS AND PROTECTION ...Carbon; Cellular Biosynthesis; Radiation Effects - Biological; Radiation Injury Prevention; X and Gamma Rays; ...5.0579

RADIATION EFFECTS ON ERYTHROCYTE SODIUM AND POTASSIUM ...Cell Injury and Autolysis; Permeability; Radiation Effects - Biological; X and Gamma Rays; ...5.0580

IN VITRO EFFECTS OF IONIZING RADIATION ON GERMINAL EPITHELIUM OF HUMAN TESTIS & ON STEROID BIOSYNTHESIS OF LEYDIG CELLS ...Cellular Biosynthesis; Radiation Chemistry -biophys.; Radiation Dose Studies-general; X and Gamma Rays; ...5.0581

RADIATION CHEMISTRY AND RADIOBIOLOGY OF MEDIUM EFFECTS ...Aldehydes -nonspecific; Gas Chromatography; Microorganisms; Radiation Dose Studies-general; Radiolysis; Thin Layer Chromatography; ...5.0590

STUDIES ON RADIATION-INDUCED HERITABLE LESIONS IN SOMATIC CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Physical Mutagenesis; X and Gamma Rays; ...5.0598

RESPONSE OF PIGMENT CELLS TO X- AND UV-RADIATIONS ...Biological Basis; Radiation Sensitivity -man; Ultra Violet Radiation; Vertebrates -nonspecific; X and Gamma Rays; ...5.0604

EFFECT OF WHOLE BODY X- AND GAMMA-IRRADIATION ON THE BIOSYNTHESIS OF CERTAIN SERUM PROTEINS ...Cell Membrane Permeability; Cellular Metabolism - Controls; Permeability; Radiation, Lethal Dose; Stressors, Physiological; X and Gamma Rays; ...5.0606

EFFECTS OF ULTRAVIOLET RADIATION ON ALGAE - MECHANISMS OF INACTIVATION AND REPAIR ...Algae - Chlorophyta; Algae - Euglenophyta; Algal Physiology; Cell Injury and Autolysis; Cellular Repair Mechanisms; Plants; Ultra Violet Radiation; ...5.0607

DOSE-TIME FACTORS INFLUENCING CELLULAR RADIOSENSITIVITY ...Anoxia and Hypoxia; Cell Injury and Autolysis; Mammals -nonspecific; Radiation Sensitivity -man; X and Gamma Rays; ...5.0624

RADIATION MUTAGENESIS IN MAMMALIAN CELLS IN VITRO ...Cell Injury and Autolysis; Cellular Viability; Mutation Types -other; Radiation Sensitivity -man; Reversion Mutation; X and Gamma Rays; ...5.0630

MAINTENANCE OF MEMBRANE INTEGRITY IN MAMMALIAN CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation, Lethal Dose; Ultraviolet Spectroscopy; ...5.0631

STRUCTURE OF THE SPORE-TYPE PHOTOPRODUCT ...Bacteria -nonspecific; Bacterial Morphology; Cell Injury and Autolysis; Microorganisms; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0639

RADIATION RESPONSE OF A SUB S SPERMATOGONIA ...Cell Injury and Autolysis; Kinetics; Radiation Sources -general; Rate of Mutation; ...5.0642

RADIOSENSITIVITY OF IMMUNOCOMPETENT CELLS IN STATES OF FLUX ...Aging; Muridae; Radiation Sensitivity -man; ...5.0643

X-RAY-INDUCED DAMAGE TO THE DNA OF HAEMOPHILUS INFLUENZAE AND CELLULAR RESPONSE TO THAT DAMAGE ...Bacterial Population Surveys; Cellular Biosynthesis; Kinetics; Radiation Sensitivity -man; X and Gamma Rays; ...5.0644

THE CONTROL OF RESPIRATION IN UV-IRRADIATED BACTERIA AND ITS SIGNIFICANCE IN RECOVERY FROM RADIATION DAMAGE ...Bacterial Studies -general; Cell Injury and Autolysis; Cellular Repair Mechanisms; Escherichia Coli; Hyperthermal; Microorganisms; Ultra Violet Radiation; ...5.0648

VIRUS ACTIVATION IN RADIATION AND CHEMICAL CARCINOGENESIS ...Chemical Carcinogenesis; Co-carcinogenesis; Radiation Carcinogenesis; Viral Carcinogenesis; X and Gamma Rays; ...5.0649

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Bacteria -nonspecific; Cell Injury and Autolysis; Gases; Microorganisms; Plants; Temperature; X and Gamma Rays; ...5.0677

PHYSICO-CHEMICAL STUDIES ON IRRADIATED CELLS ...Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Physical Mutagenesis; Radiation Chemistry -biophys.; Radiation Sensitivity - man; Radiation Sources -general; ...5.0678

INFLUENCE OF PHYSICAL STATE OF CHROMATIN ON NUCLEIC ACID & PROTEIN SYNTHESIS & ON RADIATION

SENSITIVITY OF CELL DIVISION ...Cellular Biosynthesis; Hydrogen; Radiation Sensitivity -man; Radiation Sources -general; ...5.0683

EFFECTS OF UV ON GENETIC MATERIAL ...Bacteria -nonspecific; Bacteriophage; Cellular Repair Mechanisms; Dose Rate, Dose Fractionation; Streptomycin; ...5.0684

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION ...Carbon; Cellular Biosynthesis; Cellular Metabolism - Controls; Radiation Effects - Biological; Rate of Reaction; Ultra Violet Radiation; ...5.0687

RADIATION RESPONSE OF IN VITRO MAMMALIAN CELLS ...Cancer; Cellular Model Systems; Cellular Viability; Ionizing Radiation -see Rad.; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0693

RADIATION AND BIOPHYSICAL STUDIES ON VIRUSES AND CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Mammals -nonspecific; Radiation Sensitivity -man; X and Gamma Rays; ...5.0694

THE RADIOBIOLOGY OF NORMAL TISSUES ...Cancer; Cellular Repair Mechanisms; Healing; X and Gamma Rays; ...5.0696

EFFECTS OF X-IRRADIATION ON THE HUMAN TESTIS - AN ELECTRON MICROSCOPE CYTOCHEMICAL STUDY ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation Dose Studies-general; X and Gamma Rays; ...5.0697

RADIOSENSITIVITY OF GENETIC STRUCTURES AND MOLECULAR BASIS OF RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIATIONS OF DIFFERENT QUALITIES ...Bacteria -nonspecific; Cell Injury and Autolysis; Physical Mutagenesis; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Yeasts -nonspecific; ...5.0712

THE EFFECTS OF X-IRRADIATION ON STEROID BIOTRANSFORMATIONS BY TESTICULAR TISSUE ...Cellular Biosynthesis; Mammals -nonspecific; Radiation Sensitivity -man, Radiation, Whole Body; X and Gamma Rays; ...5.0716

RADIATION EFFECTS ON CHYLOMICRON SYNTHESIS AND CAPILLARY PERMEABILITY IN MICE ...Cellular Biosynthesis; Digestive System - Human, Muridae; Passive Transport, Diffusion; Permeability; Radiation, Whole Body; ...5.0738

INHALATION STUDIES - BIOLOGICAL EFFECT STUDIES ...Canidae; Plutonium; Promethium; Radiation Carcinogenesis; Radiation Injury Prevention; Respiratory Irritants, Inhaled; ...5.0748

INHALATION STUDIES - BIOCHEMICAL STUDIES ...Biochemical Analysis - Tissues; Cellular Biosynthesis; Muridae; Radiation Effects - Biological; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0749

EFFECT OF IONIZING RADIATION ON ISOLATED CELL NUCLEI ...Cell Injury and Autolysis; Permeability; Radiation Carcinogenesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0760

PHOTOBIOLOGICAL STUDIES ON EARLY DEVELOPMENT ...Cell Injury and Autolysis; Echinodermata; Embryology -basic; Invertebrates; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0768

THE DETECTION AND ANALYSIS OF MUTAGENS ...Bacteria - nonspecific; Cell Injury and Autolysis; Chemical Mutagenesis; Evolution; Microorganisms; ...5.0773

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Ionizing Radiation - see Rad.; Microorganisms; Protons; Radiation -see Specifics; Radioactive Isotopes; X and Gamma Rays; Yeasts -nonspecific; ...5.0775

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Cellular Viability; Ionizing Radiation -see Rad.; Protons; Radiation -see Specifics; Radiation Sensitivity -man; Radioactive Isotopes; X and Gamma Rays; ...5.0776

REPAIR OF RADIATION-DAMAGED DNA IN HUMAN AND OTHER MAMMALIAN CELLS ...Bos; Cellular Biosynthesis; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0791

STUDIES OF ENDOGENOUS SULFHYDRYL GROUPS ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation Sensitivity -man; Sulfhydryl Compounds; X and Gamma Rays; ...5.0792

CELLULAR PREDICTORS OF RADIOSENSITIVITY ...Animal Productivity; Bioindicators; Microorganisms; Plant Food Chains; Radiation Sensitivity -man; ...5.0811

VISUAL CELLULAR STIMULATION BY HIGH ENERGY QUANTA ...Bacterial Exotoxins; Mammals -nonspecific; Radiation Effects - Biological; X and Gamma Rays; ...5.0812

PHYSICAL AND PHYSIOLOGICAL COMPONENTS OF RADIATION EFFECTS IN CELLS ...Bacillus Megaterium; Bacterial Morphology; Cell Injury and Autolysis; Microorganisms; Staphylococcus Aureus; ...5.0829

BIOCHEMICAL EVALUATION OF 'SHIR-KHECHT', NATURAL NON-TOXIC CHEMICAL PROTECTOR ...Radiation Chemistry - biophys.; Radiation Injury Prevention; ...5.0843

RECOVERY PROCESSES IN AN AMEBOID CELL ...Biological Basis; Cellular Viability; Protozoa; Ultra Violet Radiation; ...5.0855

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Commelinaceae; Dosimetry; Ionizing Radiation - see Rad.; Muridae; Plasmas; Radiation Sources -general; X and Gamma Rays; ...5.0870

INFLUENCE OF RADIATION QUALITY AND DOSE RATE ON EARLY AND LATE EFFECTS IN CELL-RENEWAL SYSTEMS IN THE MAMMAL ...Developmental Biology -general; Dose Rate, Dose Fractionation; Dosimetry; Fast Neutrons; Mammals - nonspecific; Neutron -see Radiation; X and Gamma Rays; ...5.0891

RADIOLOGICAL PHYSICS ...Alpha Particles; Cell Injury and Autolysis; Cellular Viability; Dosimetry; Minimum Or Threshold Dose; Spectrographic Techniques; ...5.0892

A COMPREHENSIVE APPROACH TO MAJOR FACTORS DETERMINING RADIOSENSITIVITY ...Hydrogen; Invertebrates; Microorganisms; Plants; Radiation Sensitivity -man; Radiation Sources -general; Vertebrates Excl. Man; ...5.0898

ULTRAVIOLET DOSIMETRY ...Cell Injury and Autolysis; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0903

ROLE OF 2-DEOXYGLUCOSE AND OTHER METABOLIC INHIBITORS ON THE RADIATION SENSITIVITY OF CULTURED MAMMALIAN CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Ionic Effect; Radiation Sensitivity -man, X and Gamma Rays; ...5.0909

NAVY ENVIRONMENT - MEASUREMENT OF TISSUE DAMAGE IN NAVY PERSONNEL EXPOSED TO IONIZING RADIATION IN THE LINE OF DUTY ...Cell Injury and Autolysis; Ionizing Radiation -see Rad.; Occupational Hazards; Radioactive Hazard; X and Gamma Rays; ...5.0913

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Electronic Components; Radiation Effects - Biological; Space Medicine - Exobiology; Space Science and Technology; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0066

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Radiation Effects - Biological; Space Medicine - Exobiology; Ultrasonic -bioeffects; X and Gamma Rays; ...6.0067

Temperature

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection; Chemical Water Properties; Growth; Lakes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Stratification (water); ...2.0448

SIGNIFICANCE OF ARTHROBACTER IN ECOLOGY OF WATER AND SOIL ...Arthrobacter; Cellular Catabolism-see Degrad; Dominant Organisms; Moisture; Plant Resistance; Soil Ecology; Soil Microbiology; Water Bacteria; ...2.1136

UPTAKE AND RELEASE OF SOLUBLE ORTHOPHOSPHATE BY ACTIVATED SLUDGE ...Activated Sludge; Aeration (water); Gases; Ionic Effect; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; ...2.1257

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Tracers, ...2.1731

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...5.0041

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES ...Albizzia; Cellular Metabolism - Controls; Growth; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; X and Gamma Rays; ...5.0414

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Bacteria -nonspecific; Cell Injury and Autolysis; Gases; Microorganisms; Plants; Radiation; X and Gamma Rays; ...5.0677

Hyperthermal

EFFECT OF TEMPERATURE ON BACTERIA ...Atomic Plants, Bacterial Population Surveys; Columbia River; Environmental Aspects; Ictaluridae; Water Bacteria; ...2.0422

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU ...Aquatic Distribution; Bacterial Ecology; Bays; Hawaii; Intestinal Bacteria; Nitrogen and Nitrogen Cpds.; Sewage; Water Pollutant Identification; ...2.0563

MICROBIOLOGY OF THERMALLY POLLUTED ENVIRONMENTS ...Acidity (water); Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Radioisotopes -nonspecific; Thermophilic Bacteria; Water Pollutant Identification; ...2.1550

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology; Degradation -see Pesticide Deg; Energy Conversion; Fish; Heat Recovery, Industrial; Induced Temperature; Organic Water Properties; Phytoplankton; Primary Productivity - Plants; ...2.1736

MICRO-ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER ...Acid Mine Drainage; Acidity (water); Forecasting - Prediction; Induced Temperature; Lower Plants; Phytoplankton; Primary Productivity - Plants; Thermal Pollution; ...2.1772

MICROBIOLOGY OF SLUDGE - DNA ANALYSIS AND N2 REMOVAL ...Activated; Cellular Viability; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; ...3.0207

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

LASER ACTION ON LIVING CELLS ...Cell Injury and Autolysis; Laser Effects -bioeffects; ...5.0255

RADIATION AND RADIOBIOLOGY RESEARCH CENTER ...Cancer; Cell Injury and Autolysis; Radiation; Radiation Effects - Biological; Radiation Sources -general; Research Facilities; X and Gamma Rays; ...5.0354

THE CONTROL OF RESPIRATION IN UV-IRRADIATED BACTERIA AND ITS SIGNIFICANCE IN RECOVERY FROM RADIATION DAMAGE ...Bacterial Studies -general; Cell Injury and Autolysis; Cellular Repair Mechanisms; Escherichia Coli; Microorganisms; Radiation; Ultra Violet Radiation; ...5.0648

Hypothermal

THE MECHANISMS OF WASTE WATER TREATMENT AT LOW TEMPERATURE ...Bacterial Identification; Cellular Catabolism-see Degrad; Colorado; Microorganisms -nonspecific; Waste Water Degradation; Waste Water Treatment -general; ...2.1202

MICROBIOLOGY OF SLUDGE - DNA ANALYSIS AND N2 REMOVAL ...Activated; Cellular Viability; Denitrification -see Nitrogen; Hyperthermal; Nitrogen and Nitrogen Cpds.; ...3.0207

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

RADIATION-INDUCED DIVISION DELAY AND RECOVERY ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Cellular Viability; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0472

Cellular Repair Mechanisms

ETIOLOGIC SYNERGISMS IN DISEASES OF THE LUNG ...Air Pollution -see Specifics; Cell Injury and Autolysis; Muridae; Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0221

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES. I. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE ...Algae - Chlorophyta; Cell Injury and Autolysis; Chemical Mutagenesis; Industrial Wastes; Metabolism of Algacides; Plant Ecology -nonspecific; Radiation Sources - general; X and Gamma Rays; ...2.0027

CONTROL OF GEOTRICHUM CANDIDUM IN BIOLOGICAL WASTE TREATMENT ...Carbon; Coagulation; Fungal Pollutant Sources; Geotrichum; Sewage Lagoons; Waste Water Treatment - general; Zinc; ...2.1410

TISSUE CULTURE RESEARCH AND PLANS FOR ITS EXTENSION ...Californium; Ionic Effect; Plants; Radiation Effects - Biological; Radium; ...5.0056

ULTRAVIOLET LIGHT EFFECTS ON NUCLEIC ACID FORMATION AND GENETIC EVENTS IN BACTERIA ...Bacteria -nonspecific; Cellular Biosynthesis; Physical Mutagenesis; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0067

THE PHOTOBIOLOGY AND PHOTOCHEMISTRY OF RIBONUCLEIC ACIDS ...Nicotiana; Photoactivation and React; Plants; Radiation -see Specifics; Ultra Violet Radiation; Viruses - Animal; ...5.0088

THE ROLE OF ENERGY METABOLISM IN REPAIR AND MACROMOLECULE SYNTHESIS AFTER IRRADIATION ...Adenosine Triphosphate; Biological Dosimetry; Dose Rate, Dose Fractionation; Radiation Injury Prevention; ...5.0094

STUDIES ON ENZYMIC REPAIR OF RADIATION INJURY IN MAMMALIAN CELLS ...Gases; Injury and Shock; Radiation; Radiation Effects - Biological; ...5.0096

BIOCHEMISTRY AND PHYSIOLOGICAL RESPONSE TO IRRADIATION--RADIOSENSITIVITY OF LYMPHOCYTES ...Actinomycin; Cellular Viability; Muridae; Radiation; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0111

BIOCHEMICAL EFFECTS OF IONIZING RADIATION ON BRAIN CELLS IN CULTURE ...Cellular Biosynthesis; Cellular Catabolism-see Degrad; Dosimetry; Radiation; Tumor Pathology; ...5.0152

RADIATION STUDIES ON ISOLATED CHROMOSOMES ...Cell Injury and Autolysis; Cellular Biosynthesis; Radiation Chemistry - biophys.; Radiation Effects - Biological; Radiation Sources - general; X and Gamma Rays; ...5.0157

RADIATION DAMAGE AND ITS REPAIR IN HUMAN CHROMOSOMES ...Cell Injury and Autolysis; Cellular Metabolism - Controls; Kinetics; Radiation, Low Level; Ultra Violet Radiation; ...5.0158

MODIFICATION OF RADIATION RESPONSE IN VITRO ...Anoxia and Hypoxia; Cricetus; Mammals -nonspecific; Passive Transport, Diffusion; Radiation; Toxic Substances; ...5.0169

PHOTO- AND RADIOCHEMICAL REACTIONS OF NUCLEIC ACIDS ...Bacteria -nonspecific; Cell Injury and Autolysis; Kinetics; Radiation; Radiation Chemistry -biophys.; X and Gamma Rays; ...5.0170

CHROMOSOME STRUCTURE AS REVEALED BY RADIATION STUDIES ...Cell Injury and Autolysis; Cricetus; Radiation; Radiation Sources -general; Vicia; ...5.0182

CELLULAR AND MOLECULAR STUDIES OF RADIATION DAMAGE AND REPAIR IN CULTURED MAMMALIAN CELLS ...Anoxia and Hypoxia; Beta Particles; Cell Injury and Autolysis; Cricetus; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0185

REPAIR OF RADIATION DAMAGE DURING HYPOXIA BY SYNCHRONIZED MAMMALIAN CELLS ...Radiation Effects - Biological; ...5.0197

CELLULAR RESPONSES TO IRRADIATION ...Biological Basis; Cellular Biosynthesis; Cricetus; Radiation Sensitivity -man; X and Gamma Rays; ...5.0208

REPAIR OF RADIATION DAMAGE TO CELLULAR DNA ...Cell Injury and Autolysis; Cricetus; Radiation; Radiation Chemistry - biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0209

AFRRI RADIATION CHEMISTRY PROGRAM ...Cell Injury and Autolysis; Chemical Mechanisms & Kinetics; Ionizing Radiation - see Rad.; Radiation Chemistry -biophys.; Radiation Injury Prevention; ...5.0242

ALTERATION INDUCED BY X-RAY & ULTRAVIOLET LIGHT ON THE SYNTHESIS & MAINTENANCE OF MACROMOLECULAR COMPONENTS WITHIN MICROORGANISMS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Viability; Radiation; Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0244

KINETIC MODELS OF PHOTOREACTIVATION IN BACTERIA ...Bacteria -nonspecific; Cell Injury and Autolysis; Metabolism and Biochemistry; Poisson Distributions; Radiation -see Specifics; ...5.0295

PHOTOINACTIVATION AND CELLULAR REPAIR ...Cell Injury and Autolysis; Dyes -nonspecific; Escherichia Coli; Radiation, Radiation -see Specifics; Ultra Violet Radiation; ...5.0296

PROTECTION AGAINST RADIATION DAMAGE TO CHROMOSOMES ...Adenosine Triphosphate; Cell Injury and Autolysis; Lethal Mutation; Radiation; ...5.0310

RADIATION INDUCED CHROMOSOME DAMAGE AND CELL RESPONSE ...Cell Injury and Autolysis; Mammals -nonspecific; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0311

RADIATION DAMAGE - METABOLISM IN REPRODUCTIVE SYSTEM ...Cellular Biosynthesis; Experimental Teratology; Muridae; Radiation Sensitivity -man; ...5.0329

KINETIC AND BIOCHEMICAL ANALYSIS OF INTERACTING RADIATION RECOVERY SYSTEMS IN ESCHERICHIA COLI ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Biosynthesis; Escherichia Coli; Microorganisms; Radiation; Radiation Sensitivity -man; ...5.0334

GENETICS OF CANDIDA ALBICANS - NUTRITIONAL MUTAGENESIS AND COMPARATIVE SUSCEPTIBILITY TO ULTRAVIOLET IRRADIATION ...Candida; Evolution; Hansenula; Physical Mutagenesis; Radiation; Taxonomy -plant; ...5.0335

EFFECT OF X-IRRADIATION ON THE GERMINAL EPITHELIUM OF THE MALE MOUSE ...Muridae; Physical Mutagenesis; Radiation Sensitivity -man; X and Gamma Rays; ...5.0345

RADIATION EFFECTS ON MAMMALIAN TUMOR CELLS ...Cancer; Neutron -see Radiation; Radiation; Radiation Sensitivity -man; Radiation, Lethal Dose; Radiation, Low Level; X and Gamma Rays; ...5.0360

TISSUE CULTURE STUDIES OF HUMAN LYMPHOCYTES ...Cellular Metabolism - Controls; Radiation; Radiation Effects - Biological; Radioisotopes -nonspecific; Ultra Violet Radiation; ...5.0365

THE MECHANISM OF RADIATION SENSITIZATION BY 5-BROMODEOXYURIDINE IN CULTURED CHINESE HAMSTER CELLS ...Cell Injury and Autolysis; Cricetus; Mammals -nonspecific; Radiation Chemistry -biophys.; Tumor Pathology; ...5.0366

RADIATION RESPONSE OF MAMMALIAN CELLS ...Cell Injury and Autolysis; Mammals -nonspecific; Radiation; Radiation Effects - Biological; ...5.0380

DERMATOLOGIC REACTIONS INDUCED BY SOLAR RADIATION ...Burns; Light-catalyzed; Mechanism Determination; Radiation Injury Prevention; Radiation Sources -general; Ultra Violet Radiation; ...5.0381

CHROMOSOME ABERRATIONS PRODUCED BY INTERNALLY DEPOSITED RADIOACTIVE MATERIALS IN THE CHINESE HAMSTER ...Alpha Particles; Beta Particles; Cellular Model Systems; Cerium; Digestive System - Human; Radiation Injury Prevention; Strontium; ...5.0433

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLET AND X-IRRADIATION DAMAGE ...Bacterial Population Surveys; Cell Injury and Autolysis; Haemophilus Sp; Mutagenesis -nonspecific; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0455

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLETAND X-IRRADIATION DAMAGE ...Bacterial Morphology; Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Viability; Haemophilus Sp; Microorganisms; Radiation; ...5.0456

INFLUENCE OF HIGH LET RADIATIONS ON DIVISION DELAY AND SURVIVAL OF MAMMALIAN CELLS IN VITRO ...Cancer; Cobalt; Ionic Effect; Neutron -see Radiation; Vertebrates Excl. Man; X and Gamma Rays; ...5.0461

THE RELATIONSHIP BETWEEN RADIATION SENSITIVITY AND OTHER PHYSICAL AND PHYSIOLOGICAL CHARACTERISTICS WITHIN ONE STRAIN OF MICE ...Injury and Shock; Muridae; Radiation; Radiation Sensitivity -man; Radiation Sources -general; ...5.0467

RADIATION-INDUCED DIVISION DELAY AND RECOVERY ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Viability; Hypothermal; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0472

RNA SYNTHESIS IN MAMMALIAN CELLS AFTER RADIATION ...Cancer; Cell Injury and Autolysis; Cellular Biosynthesis; Radiation; Radiation Sources -general; ...5.0474

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS ...Bacteriophage; Cell Injury and Autolysis; Cellular Biosynthesis; Escherichia Coli; Microorganisms; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0478

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Genes; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

THE CELLULAR AND MOLECULAR BASIS OF RECOVERY FROM RADIATION INJURY ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Metabolism - Controls; Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0501

CELLULAR PARAMETERS OF RADIOSENSITIVITY ...Cell Injury and Autolysis; Plants; Radiation Effects -see Rad.; Radiation Sensitivity -man; Vicia; X and Gamma Rays; ...5.0504

RECOVERY OF IRRADIATED MAMMALIAN CELLS ...Cancer; Cellular Viability; Radiation; Radiation, Lethal Dose; ...5.0525

RADIATION RECOVERY MECHANISMS OF G1 AND G2 CELLS IN THE MITOTIC CYCLE OF PISUM ROOT MERISTEMS ...Cell Injury and Autolysis; Growth; Nucleic Acid Compounds; Plants; Radiation Effects -see Rad.; Radioisotopes - nonspecific; ...5.0538

DNA REPAIR IN LYMPHOCYTES ...Bacteria -nonspecific; Cell Injury and Autolysis; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0553

RADIATION-INDUCED MITOTIC DELAY ...Echinodermata; Invertebrate Physiology; Invertebrates; Radiation, Lethal Dose; Puromycin; X and Gamma Rays; ...5.0567

GAMMA RAY EFFECTS ON DICTYOSTELIUM DISCOIDEUM ...Cellular Biosynthesis; Cellular Model Systems; Microorganisms; Myxomycetes; X and Gamma Rays; ...5.0594

BASIC ASPECTS OF THE ACTION OF RADIATION ON MICROORGANISMS ...Bacillus Subtilis; Bacteriophage; Cell Injury and Autolysis; Microorganisms; Radiation Injury Prevention; Radiation Sources -general; ...5.0595

STUDIES ON RADIATION-INDUCED HERITABLE LESIONS IN SOMATIC CELLS ...Cell Injury and Autolysis; Physical Mutagenesis; Radiation; X and Gamma Rays; ...5.0598

EFFECTS OF ULTRAVIOLET RADIATION ON ALGAE - MECHANISMS OF INACTIVATION AND REPAIR ...Algae - Chlorophyta; Algae - Euglenophyta; Algal Physiology; Cell Injury and Autolysis; Plants; Radiation; Ultra Violet Radiation; ...5.0607

MAINTENANCE OF MEMBRANE INTEGRITY IN MAMMALIAN CELLS ...Cell Injury and Autolysis; Irradiation; Radiation, Lethal Dose; Ultraviolet Spectroscopy; ...5.0631

UV REPAIR IN NORMAL HUMAN CELLS AND CELLS FROM XERODERMA PIGMENTOSUM PATIENTS ...Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0645

THE CONTROL OF RESPIRATION IN UV-IRRADIATED BACTERIA AND ITS SIGNIFICANCE IN RECOVERY FROM RADIATION DAMAGE ...Bacterial Studies -general; Cell Injury and Autolysis; Escherichia Coli; Hyperthermal; Microorganisms; Radiation; Ultra Violet Radiation; ...5.0648

EFFECTS OF UV ON GENETIC MATERIAL ...Bacteria -nonspecific; Bacteriophage; Dose Rate; Dose Fractionation; Radiation; Streptomycin; ...5.0684

PHOTOREPAIR OF UV DAMAGE TO DNA - PURIFICATION & PROPERTIES OF THE DNA-PYRIMIDINE DIMER PHOTOMONOMERASE (ABBREV) ...Cell Injury and Autolysis; Cyanides; Photochromism; Plants; Radiation Injury Prevention; Yeasts -nonspecific; ...5.0685

RADIATION RESPONSE OF IN VITRO MAMMALIAN CELLS ...Cancer; Cellular Model Systems; Cellular Viability; Ionizing Radiation -see Rad.; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0693

RADIATION AND BIOPHYSICAL STUDIES ON VIRUSES AND CELLS ...Cell Injury and Autolysis; Mammals -nonspecific; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0694

THE RADIOBIOLOGY OF NORMAL TISSUES ...Cancer; Healing; Radiation; X and Gamma Rays; ...5.0696

EFFECTS OF X-IRRADIATION ON THE HUMAN TESTIS - AN ELECTRON MICROSCOPE CYTOCHEMICAL STUDY ...Cell Injury and Autolysis; Radiation; Radiation Dose Studies-general; X and Gamma Rays; ...5.0697

REPAIR MECHANISMS AND VARIATIONS IN RADIOSENSITIVITY WITHIN THE GENERATION CYCLE OF YEAST CELLS ...Microorganisms; Radiation Sensitivity -man; Yeasts - nonspecific; ...5.0715

STUDIES ON THE EFFECT OF X-RAYS ON DNA SYNTHESIS IN POLYTENE CHROMOSOMES ...Cellular Biosynthesis; Cellular Metabolism - Controls; Hydrogen; Invertebrates; Physical Mutagenesis; Ultra Violet Radiation; X and Gamma Rays; ...5.0765

RADIATION EFFECT ON PROTEIN & NUCLEIC ACID METABOLISM ...Cancer; Cell Injury and Autolysis; Radiation Injury Prevention; X and Gamma Rays; ...5.0767

THE DETECTION AND ANALYSIS OF MUTAGENS ...Bacteria - nonspecific; Cell Injury and Autolysis; Chemical Mutagenesis; Evolution; Microorganisms; Radiation; ...5.0773

REPAIR OF RADIATION-DAMAGED DNA IN HUMAN AND OTHER MAMMALIAN CELLS ...Bos; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0791

STUDIES OF ENDOGENOUS SULFHYDRYL GROUPS ...Cell Injury and Autolysis; Cellular Biosynthesis; Radiation; Radiation Sensitivity -man; Sulfhydryl Compounds; X and Gamma Rays; ...5.0792

RECOVERY PROCESSES IN AN AMEBOID CELL ...Biological Basis; Cellular Viability; Protozoa; Radiation; Ultra Violet Radiation; ...5.0855

RADIOLOGICAL PHYSICS ...Alpha Particles; Cell Injury and Autolysis; Cellular Viability; Dosimetry; Minimum Or Threshold Dose; Radiation; Spectrographic Techniques; ...5.0892

ROLE OF 2-DEOXYGLUCOSE AND OTHER METABOLIC INHIBITORS ON THE RADIATION SENSITIVITY OF CULTURED MAMMALIAN CELLS ...Cell Injury and Autolysis; Ionic Effect; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0909

Cellular Viability

EFFECT OF AIR POLLUTION - MICROBES IN VIVO AND IN VITRO ...Air Pollution -see Specifics; Microorganisms -nonspecific; Soil Fungi -nonspecific; Sulfur Dioxide; ...1.0379

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Mathematical Models; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0433

MICROBIOLOGY OF SLUDGE - DNA ANALYSIS AND N2 REMOVAL ...Activated; Denitrification -see Nitrogen; Hyperthermal; Nitrogen and Nitrogen Cpds.; ...3.0207

DEVELOPMENT AND APPLICATION OF QUANTITATIVE CELL CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Bioassays; Hydrogen; Physiological Effects; Water Pollutant Identification; Zinc; ...4.0840

DEVELOPMENT & APPLICATION OF QUANTITATIVE TISSUE CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Cell Membrane Permeability; Cellular Model Systems; Ionic Effect; Rotenone; Water Pollutant Identification; ...4.1108

TISSUE CULTURE RESEARCH AND PLANS FOR ITS EXTENSION ...Californium; Cellular Repair Mechanisms; Ionic Effect; Plants; Radiation Effects - Biological; Radium; ...5.0056

BIOCHEMISTRY AND PHYSIOLOGICAL RESPONSE TO IRRADIATION--RADIOSENSITIVITY OF LYMPHOCYTES ...Actinomycin; Cellular Repair Mechanisms; Muridae; Radiation; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0111

MODIFICATION OF RADIATION RESPONSE IN VITRO ...Anoxia and Hypoxia; Cellular Repair Mechanisms; Cricetus; Mammals -nonspecific; Passive Transport, Diffusion; Radiation; Toxic Substances; ...5.0169

ALTERATION INDUCED BY X-RAY & ULTRAVIOLET LIGHT ON THE SYNTHESIS & MAINTENANCE OF MACROMOLECULAR COMPONENTS WITHIN MICROORGANISMS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Metabolism - Controls; Radiation; Radiation Sensitivity - man; Ultra Violet Radiation; ...5.0244

EFFECTS OF X-RAYS ON NORMAL AND MALIGNANT CELLS ...Cell Injury and Autolysis; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Radiation, Lethal Dose; Tumor Pathology; X and Gamma Rays; ...5.0416

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLET AND X-IRRADIATION DAMAGE ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Repair Mechanisms; Haemophilus Sp; Mutagenesis - nonspecific; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0455

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLETAND X-IRRADIATION DAMAGE ...Bacterial Morphology; Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Haemophilus Sp; Microorganisms; Radiation; ...5.0456

INFLUENCE OF HIGH LET RADIATIONS ON DIVISION DELAY AND SURVIVAL OF MAMMALIAN CELLS IN VITRO ...Cancer; Cellular Repair Mechanisms; Cobalt; Ionic Effect; Neutron -see Radiation; Vertebrates Excl. Man; X and Gamma Rays; ...5.0461

RADIATION-INDUCED DIVISION DELAY AND RECOVERY ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Hypothermal; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0472

PHASE I. FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS: RADIATION EFFECTS ON REPRODUCTION AND EMBRYOGENESIS ...Embryonic Growth Stages; Muridae; Radiation Effects - Biological; Strontium; ...5.0480

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Gases; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

KINETICS OF HEMATOPOIETIC STEM CELL PROLIFERATION FOLLOWING X-IRRADIATION ...Canidae; Dosimetry; Monkey; Radiation; Radiation, Whole Body; ...5.0517

RECOVERY OF IRRADIATED MAMMALIAN CELLS ...Cancer; Cellular Repair Mechanisms; Radiation; Radiation, Lethal Dose; ...5.0525

COMPARATIVE EFFECTS OF TWO RADIATION EXPOSURE REGIMES ...Muridae; Radiation Sources -general; Radiation, Lethal Dose; ...5.0549

RADIATION MUTAGENESIS IN MAMMALIAN CELLS IN VITRO ...Cell Injury and Autolysis; Mutation Types -other; Radiation; Radiation Sensitivity -man; Reversion Mutation; X and Gamma Rays; ...5.0630

RADIATION RESPONSE OF A SUB S SPERMATOGONIA ...Cell Injury and Autolysis; Kinetics; Radiation; Radiation Sources - general; Rate of Mutation; ...5.0642

RADIATION RESPONSE OF IN VITRO MAMMALIAN CELLS ...Cancer; Cellular Model Systems; Ionizing Radiation -see Rad.; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0693

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Ionizing Radiation - see Rad.; Protons; Radiation -see Specifics; Radiation Sensitivity - man; Radioactive Isotopes; X and Gamma Rays; ...5.0776

RADIOPROTECTIVE AND TUMORICIDAL EFFECTS OF TWO NEUROTROPIC DRUGS ...Cancer; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation, Lethal Dose; Radiation, Whole Body; Tumor Pathology; ...5.0836

RECOVERY PROCESSES IN AN AMEBOID CELL ...Biological Basis; Protozoa; Radiation; Ultra Violet Radiation; ...5.0855

RADIOLOGICAL PHYSICS ...Alpha Particles; Cell Injury and Autolysis; Dosimetry; Minimum Or Threshold Dose; Radiation; Spectrographic Techniques; ...5.0892

Cenozoic Era

Quaternary Period

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Geochemical Analysis (water); Idaho; Structural Analysis - Geology; Tertiary Period; Water Cycle; Water Pollution Sources; Water Storage; ...2.1240

Pleistocene Epoch

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

EFFECTS OF SOUTH SHORE DRAINAGE BASINS AND CLAY EROSION ON THE PHYSICAL AND CHEMICAL LIMNOLOGY OF WESTERN LAKE SUPERIOR. ...Chemical Analysis (water); Clay Soils; Facies; Lake Superior; Water Quality - general; ...2.0459

GEOCHRONOLOGY, C-14 METHOD ...Carbon - 14 Dating; Groundwater; Paleoclimatology; Sea Level Changes; Tectonics; ...2.0534

CRITERIA FOR WASTE-DISPOSAL SITES IN THE KANSAS RIVER VALLEY ...Alluvium - Alluvial; Chemical Analysis (water); Kansas; Scouring; Waste Disposal-see Solid Waste; Water Depth, Water Levels; Water Table; ...2.1273

DISTRIBUTION AND ECOLOGY OF RIVER MOLLUSKS IN CENTRAL AND WESTERN NORTH DAKOTA ...Animal Distribution; Atlantic Ocean; Chlorine; Mollusca; Paleontology; Pollution Effects -see Water; Water Pollution Effects; ...2.1667

Recent

PRECISION RATIO GAS-SOURCE MASS SPECTROMETER ...Bauxite; Chemical Analysis -general; Geochemical Investigations; Mineralogical Properties; Organic Water Properties; Salinity; Sedimentary History; Water Quality -general; ...2.0815

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE: THE MINERALIZATION OF ORGANIC NITROGEN IN SOILS FROM VOLCANIC MATERIAL ...Alluvium - Alluvial; Humid Climates; Organic Soils -see Soils; Radiation Effects - Biological; Sediment Lithification; Soil Chemical Properties; Soil Organic Content; .. 5.0219

Tertiary Period

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Geochemical Analysis (water); Idaho; Quaternary Period; Structural Analysis - Geology; Water Cycle; Water Pollution Sources; Water Storage; ...2.1240

DEVELOPMENT OF SYSTEMS FOR GROUND WATER RECHARGE INTO THE OGALLALA FORMATION ...Agricultural Runoff; Filtration; Playas; Ponds; Specific Rock Unit; Texas; ...2.1430

Eocene Epoch

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Georgia; Groundwater Movement; Lithology; Natural Recharge; Petrology; Specific Rock Unit; Water Table; ...2.0112

EVALUATION OF THE MAGOTHY AQUIFER - ANNAPOLIS AREA, MARYLAND ...Aquifers; Drilling and Coring; Management (water); Model Studies; Saline Water Intrusion; Size; Water Resources Development; ...2.0169

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL . Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

Miocene Epoch

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers, Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

Pliocene Epoch

POLLUTION STUDIES OF THE REGIONAL OGALLALA AQUIFER AT PORTALES, NEW MEXICO ...Aquifers; Bacterial Pollutant Sources; Coliforms -nonspecific; New Mexico; Pseudomonas; Sewage Bacteria; ...2.0254

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Silting (water) -see Sediment; Water Bacteria; Water Pollution Sources; ...2.0386

DEVELOPMENT OF SYSTEMS FOR GROUND WATER RECHARGE INTO THE OGALLALA FORMATION ...Agricultural Runoff; Filtration; Playas; Ponds; Specific Rock Unit; Texas; ...2.1430

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation, Percolation (water); Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

Ceramics

VEHICLE AND HIGHWAY SAFETY ON WINTER TIRES, WINDSCREENS, BRAKING SYSTEMS AND AIR POLLUTION ...Automotive Application; Body; Brake; Combustion; Pavement; Tires; Traffic Engineering; ...1.0056

EFFECT OF DIESEL FUMES ON CONCRETE ...Air Pollution; Automotive Application; Corrosion, Deterioration; Engines; Materials -properties; Structural Mechanics; ...1.0425

EMISSION AND CONTROL COST STUDY OF THE CEMENT INDUSTRY ...Air Pollution-chemistry; Costs -see Economics Entries; Industrial Wastes; Mineral Processing Industry; Particulates - Air Pollution; Waste Material Recovery; ...1.0464

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams -lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

USE OF GEL MATERIAL FOR SEALING DEEP MINE OPENINGS ...Catalysts; Combustion; Plastics; Polymerization; Sealants -see Coatings; ...2.0347

THE ROLE OF PAPER MILL ADDITIVES AS POTENTIAL STREAM POLLUTANTS ...Activation Analysis; Additives; Atmospheric and Environmental; Industrial Wastes; Pulp and Paper Wastes; Waste Treatment; Water Quality Control -general; ...2.0412

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides -nonspecific; Biological; Coatings -see Materials; Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation, Pesticide Evaluation; Plastics; Water Distribution Systems; .. 2.0977

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Irrigation Engineering; Recharge Pits - Wells (water); Soil Profile; ...2.1026

MULTILAYER FILTRATION ...Ash-coal Filters; Filters - Porous Materials; Flocculation; Plastics; Turbidity; ...2.1111

USE OF DOMESTIC WASTE GLASS FOR URBAN PAVING ...Pavement; Recoverable Materials; Streets; Urban Research - general; ...2.1325

POLYMER-IMPREGNATED CONCRETE PIPE RESEARCH PROGRAM ...Casting of Materials; Industrial Wastes; Materials, Composite; Plastics; ...3.0022

UTILIZATION OF FLORIDA PHOSPHATE SLIMES ...Acid Mine Wastes; Fresh Water; Phosphorus and Phosphorus Cpds; Sediments; Waste Material Recovery; Water Reuse; ...3.0128

DESIGN OF A WATER DISPOSABLE PACKAGING CONTAINER ...Coatings -see Materials; Corrosion, Deterioration; Fluid Mechanics; Materials -properties, Packaging Materials; ...3.0309

STABILIZATION OF LOW-GRADE AND WASTE MATERIALS ...British Isles; Chalky Limestone; Construction Materials; Pavement; Recoverable Materials; Shale; Soil Cement; ...3.0324

UTILIZATION OF SOLID WASTES FROM THE COMBUSTION AND MINING OF COAL ...Automotive Application; Combustion; Elastomers; Pavement; Product Development Research, Soil Amendments; Soil pH; ...3.0341

SOLID WASTE RESEARCH UTILIZATION OF WASTE GLASS FROM MUNICIPAL REFUSE ...Coatings -see Materials; Incineration; Recoverable Materials; Thermal; ...3.0360

EXTRACTION OF METAL AND MINERAL VALUES FROM MUNICIPAL REFUSE AND INCINERATOR RESIDUES ...Equipment and Instrumentation; Homogeneity; Incineration; Recoverable Materials; ...3.0380

SYNTHETIC FILLER FOR USE IN HIGHWAY CONSTRUCTION ...Corrosion, Deterioration; Lubricants and Fluids; Materials -properties; Pavement; Recoverable Materials; ...3.0395

STABILIZING SANITARY LANDFILLS BY INJECTION GROUTING ...Engineering Mechanics; Landfills -see Water Pollution; Materials -properties; Waste Disposal on Soils; ...3.0405

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS. CHEMISTRY OF HERBICIDES ...Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

INITIAL DEPOSITION OF RADIONUCLIDE-CONTAINING PARTICLES IN THE LUNGS OF BEAGLE DOGS ...Aerosols; Inspection and Control; Medical, Dental Materials; Yttrium; ...5.0434

Channel Geometry

THE DIFFUSION COEFFICIENT IN OPEN CHANNEL FLOW ...Dispersion (water); Fluid Mechanics; Flume Studies; Mathematical Models; Sedimentation; Streams; ...2.1028

CHANNELIZATION STUDIES ...Fluid Mechanics; Reservoirs and Impoundments; Sedimentation; Sediments; Water Resources Protection; ...2.1062

Channel Roughness

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Currents (water); Estuaries; Fluid Mechanics; Forecasting - Prediction; Rate of Deposition; Sedimentation; Solid Waste; Turbidity (water); ...2.0101

THE DIFFUSION COEFFICIENT IN OPEN CHANNEL FLOW ...Channel Geometry; Dispersion (water); Fluid Mechanics; Flume Studies; Mathematical Models; Sedimentation; Streams; ...2.1028

Cnannels

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHERN CALIFORNIA ...Bed Load; Gully Or Channel Erosion; Sediment Yield; Stream Banks; Streams; ...2.0037

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION .. Data Acquisition; Deltas; Erosion; Rate of Deposition; Sediment Transport; Sedimentation; Streams; Survey Studies (water); ...2.0061

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Channel Roughness; Currents (water); Estuaries; Fluid Mechanics; Forecasting - Prediction; Rate of Deposition; Sedimentation; Solid Waste; Turbidity (water); ...2.0101

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Management (water); Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Urban Environment; Water Balance - Budget; ...2.0108

POLLUTION IN HAWAIIAN WATERSHEDS ...Bacterial Pollutant Sources; Biological Water Properties; Chemical Water Properties; Hawaii; Nutrients; Water Pollutant Identification; Water Pollution Effects; Water Pollution Sources; Watersheds; ...2.0118

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils, Chemical Properties; Effects; Harbors; Location; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Bed Load; Conservation -see Soil Conser.; Erosion; Gully Or Channel Erosion; New Mexico; Sediment Yield; Semi - Arid Regions; Streams; ...2.0255

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ...Agricultural Watersheds; Deposition-general; Hydraulics; New England Province; Physical Properties; Sediments; Snowmelt; Suspension, ...2.0406

REVIEW OF THE SANTA BARBARA CHANNEL OIL POLLUTION INCIDENT ...Biological Effects; Contamination - Water; Marine Biology - General; Oil Removal; Petroleum Wastes - Spillage; ...2.0419

WISCONSIN RIVER ICE STUDIES ...Erosion; Glaciology; Water Pollution Effects; Wisconsin; ...2.0457

SEISMOLOGICAL STUDIES - SANTA BARBARA ...California; Faults - Geology; Petroleum Wastes - Spillage; Recovery - Production; Seismology; Tectonics; ...2.0498

ECOLOGICAL MONITORING OF STREAM SYSTEMS ...Aquatic Ecology - Animal; Benthic Fauna; Physical Models; Water Pollutant Identification; Water Quality -general; ...2.0629

DETECTION, IDENTIFICATION, AND DETERMINATION OF OILS, TARS, AND SLIMES BY REFLECTANCE SPECTROSCOPY ...California; Chemical Properties; Internal Reflection; Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0630

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Drainage; Eutrophication; Fish; Pesticide Residues; Pesticides -see Pesticide; Reservoirs and Impoundments; Turbidity (water); ...2.0653

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

THREE DIMENSIONAL DISPERSION FROM POINT SOURCES OF CHEMICAL OR THERMAL POLLUTION IN OPEN CHANNELS ...Lasers - Masers; Mathematical Models; Radiation Detectors; Scattering; Thermal Pollution; Water Pollutant Identification; ...2.0990

RESEARCH INITIATION - MIXING AND TRANSFER PROCESSES FOR HEATED EFFLUENTS IN OPEN CHANNEL FLOW ...Energy Conversion; Flow Characteristics (water); Flume Studies; Heat Flow (water); Physical Models; Thermal Pollution; ...2.1019

NATURAL MIXING AND TRANSFER PROCESSES FOR THERMAL LOADS IN STREAMS ...Energy Conversion; Flume Studies; Forecasting - Prediction; Thermal Pollution; ...2.1020

DISPERSION OF WATER POLLUTANTS IN CURVILINEAR FLOWS ...Dispersion (water); Physical Models; Streams; Urban Research -general; Water Pollutants - Path of; ...2.1021

NUTRIENT ASSIMILATION RATES - FIELD STUDIES ...Estuaries; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Ponds; ...2.1052

CHANNELIZATION STUDIES ...Channel Geometry; Fluid Mechanics; Reservoirs and Impoundments; Sedimentation; Sediments; Water Resources Protection; ...2.1062

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Absorbed Load; Chemical Water Properties; Estuaries; Mineralogical Properties; Streams; Tides; Water Pollutants - Path of; ...2.1086

UNSTEADY FLOW AND SALINE INTRUSION IN ESTUARIES ...Development of Models; Digital Computer Applications; Estuaries; Fluid Mechanics; Mathematical Models; Model Studies; Saline Water Intrusion; ...2.1116

CRITERIA FOR WASTE-DISPOSAL SITES IN THE KANSAS RIVER VALLEY ...Alluvium - Alluvial; Chemical Analysis (water); Kansas; Scouring; Waste Disposal-see Solid Waste; Water Depth, Water Levels; Water Table; ...2.1273

WATER RESOURCE SYSTEM OPTIMIZATION BY GEOMETRIC PROGRAMMING ...Economic Theory; Mathematical Analysis; Optimization Technique; Optimization, Economic; Pipelines; Process Design; ...2.1426

RELATIONSHIPS BETWEEN LOGGING ACTIVITIES AND SALMON PRODUCTION . Aquatic Ecology - Animal; Circulation (water); Environmental Ecology; Sediments; Spawn Or Nesting Sites; ...2.1478

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Biological Effects; Centrarchidae; Cyprinidae; Deltas; Flood Control Planning; Osteichthyes -other; Turbidity (water); ...2.1484

ABUNDANCE AND COMPOSITION OF DEEP AND SHALLOW WATER MACROPLANKTON AND LITTORAL FISH POPULATIONS IN AND ABOUT THE SANTA BARBARA CHANNEL ...Animal Habitat Studies; Biological Effects; Hippolyte; Osteichthyes -other; Plankton Sampling; Scorpaenidae; ...2.1501

EXPERIMENTAL STUDIES OF AIR AND WATER INTERFACIAL INTERACTION ...Dispersion (water); Turbulence; Water Pollutants - Path of; Waves -see Ocean Waves; Wind; Wind - Water Interaction; Wind Tunnels; ...2.1519

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water); Contamination - Water; Ecological Effects; Organic Matter; Plant Freshwater Ecology; Primary Productivity - Plants; Sewage Treatment Plant; Thermal Pollution; ...2.1658

EFFECTS OF TEMPERATURE ON AQUATIC LIFE ...Animal Productivity; Fish; Model Studies; Temperature (water); ...2.1712

WASTE MANAGEMENT, CONTROL, AND DISPOSAL IN MIDWEST BEEF FEEDLOTS ...Animal Wastes - Feed Lots; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rainfall - Runoff Relationship; Storm Water; Waste Water Treatment -general; ...3.0212

Chelation & Complexing

BIOCHEMICAL EFFECTS OF SIMULATED AIR POLLUTANTS ...Air Pollution -see Specifics; Air Pollution-chemistry; Cellular Physiology- Env. Eff.; ...1.0205

INVESTIGATIONS IN THE THERAPY OF BOVINE LEAD POISONING ...Animal Pharmacology; Auto Exhaust -see Air Poll.; Bos; Lead; ...1.0360

REVERSIBLE METAL COMPLEXES WITH AIR POLLUTANTS ...Absorption - Chemistry; Air Pollution-chemistry; Catalysts; Kinetics; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0597

SOME TRANSITION METAL CHEMISTRY AND STRUCTURES OF COMPLEXES INVOLVING TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Ultraviolet Spectroscopy; ...1.0619

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Energy Conversion; Petroleum Research; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0632

THE BINDING AND ACTIVATION OF SMALL COVALENT MOLECULES BY TRANSITION METAL COMPLEXES ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; ...1.0641

INSOLUBLE ION ASSOCIATION COMPOUNDS AS ANALYTICAL REAGENTS ...Air Pollution-chemistry; Analysis and Detection; Colorimetric Methods; ...1.0705

SELECTIVE AND SENSITIVE METHODS FOR THE DETERMINATION OF SULFURIC ACID AEROSOLS ...Aerosols; Air Pollution-chemistry; Electroanalyses; Electrochemistry; Mercury; Reduction Reactions; Spectrographic Techniques; ...1.0708

CATALYSTS FOR AUTOXIDATION OF TOXIC GASES ...Air Pollution-chemistry; Autooxidation; Catalysts; Catalytic; Nitrogen and Nitrogen Cpds.; ...1.0866

TRANSITION METAL CHEMISTRY OF TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Catalysis, Heterogeneous; Nitrogen and Nitrogen Cpds.; Oxidation; Reduction Reactions; ...1.0904

FATE OF HARMFUL METALS IN SOIL AND WATER SYSTEMS ...Absorption (incl. Adsorption); Chemical Effects; Formation Principles; Radioisotopes -nonspecific; Soil Microbiology; Water Pollutant Identification; Water Pollution Sources; ...2.0005

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

PREPARATION AND EVALUATION OF STARCH DERIVATIVES FOR DETERGENT BUILDERS ...Algae -nonspecific; Detergent Builders; Home Economics; Polymerization; Water Chemistry; ...2.0126

AN IN SITU EVALUATION OF NUTRIENT EFFECTS IN LAKES ...Ecological Effects; Lakes; Nitrogen and Nitrogen Cpds.; Sewage; ...2.0192

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Algal Physiology; Eutrophic Lakes; Mineral Nutrition; Organic Water Properties; Photosynthesis; Plant Epiphytic Relationships; Plant Productivity -general; Submerged Plants; ...2.0198

HEAVY METAL ION INTERACTION AND TRANSPORT WITH SYNTHETIC COMPLEXING AGENTS AND DETERGENT PHOSPHATE SUBSTITUTES IN AQUATIC SYSTEMS ...Biodegradation-see Degradation; Detergents -see Surfactants, Environmental Influences; Leaching; Surfactants -see Detergents; ...2.0221

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Colloidal Phenomena; Marine Biology - General; Marine Geology; Mercury; Pacific Ocean; Radioactivity; Sea Water Sampling; Trace Analysis; ...2.0418

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algae - Cyanophyta; Algal Pollutant Sources; Detergent Builders; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Water Chemistry; Wisconsin; ...2.0441

PHYSICO-CHEMICAL PROCESSES AND IONIC STATES OF MICROCONSTITUENTS IN SEA WATER AND THEIR RELATION TO RADIOECOLOGY OF NORTH ADRIATIC ...Kinetics; Marine Environments; Mediterranean Sea; Radioactivity; Sea Water Chemistry; Water Chemistry; ...2.0460

ELECTROCHEMICAL METHODS FOR THE DETERMINATION OF TRACE AMOUNTS OF PHOSPHATE IN NATURAL WATER ...Analysis and Detection; Electrochemistry; Polarography; Trace Analysis; Trace Element Analysis; Voltammetry; Water Pollutant Identification; ...2.0575

METHODS IN SPECTROGRAPHIC ANALYSIS OF SOILS & PLANTS FOR MINOR ELEMENTS ...Animal Migration; Atomic Absorption; Drainage; Emission Spectroscopy; Fluorometry; Soil Analysis; X-ray Spectroscopy; ...2.0580

MICROBIAL FORMATION OF POTENTIALLY HAZARDOUS ORGANO-METAL COMPOUNDS IN WATER ...Arsenic; Cellular Biosynthesis; Cellular Catabolism-see Degrad; Mercury; Organic Matter; ...2.0691

FOAM SEPARATION FLOTATION OF COLLOID ORGANIC SYSTEMS ...Demineralization; Fluid Mechanics; Mineralogical Water Properties; Process Design; Surfactants -see Detergents; Waste Water Treatment -general; ...2.0899

ENRICHMENT OF METALS IN SEAWATER BY FOAM PRODUCTION ...Bubbles; Chemical Mechanisms & Kinetics; Foam; Marine Pollution; Sea Water Chemistry; Trace Elements; Water Chemistry; X-ray Spectroscopy; ...2.1043

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acid Mine Drainage; Acidity (water); Algal Physiology; Alkalinity (water); Mine Drainage Control; Oxygen Content (water); Plant Freshwater Ecology; Rehabilitation -streams -lakes; Waste Water Treatment -general; ...2.1079

METAL ION-CATALYZED OXIDATION OF PHENOLS AND AROMATIC AMINES ...Catalysis, Homogeneous; Isotope Tracer -see Tracers; Mechanism Determination; Organics; Oxygen; ...2.1109

REMOVAL OF METAL IONS BY FLOTATION WITH SURFACTANTS ...Flotation; Surfactants -see Detergents; Temperature; Waste Water Treatment -general; Water Chemistry; ...2.1328

AN INVESTIGATION OF TECHNIQUES FOR THE REMOVAL OF CHROMIUM AND CYANIDES FROM ELECTROPLATING WASTES ...Coatings -see Materials; Flotation; Inspection and Control; Plating Wastes; Precipitation; Waste Material Recovery; ...2.1334

METAL REMOVAL/RECOVERY FROM POLLUTED WATER BY COMPLEXATION WITH LINEAR POLYELECTROLYTES ...Chemical Treatment (water); Desalination; Industrial Wastes; Plastics; Waste Material Recovery; Zinc; ...2.1352

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ...Colloidal Phenomena; Filtration; Fluid Mechanics; Mathematical Models; New England Province; Rhode Island; Sedimentation; ...2.1411

TREATMENT OF DYEING BATH WASTE STREAMS BY FOAMING AND FLOTATION TECHNIQUES ...Adsorption; Chemical Effects; Dye Wastes; Fibers; Foam; Plastics; Southeast U. S.; Textile Industry; ...2.1441

BIOLOGICAL EFFECTS OF HEAVY METAL POLLUTION ...Alaska; Biological Effects; Microorganisms -nonspecific; Yeasts -nonspecific; ...2.1475

EFFECT OF NITRILOTRIACETIC ACID (NTA) UPON THE TOXICITY OF METALS TO SELECTED SPECIES OF ESTUARINE PHYTOPLANKTON ...Carbon; Estuaries; Industrial Wastes; Marine Plants; Metabolism of Algacides; Physiological Effects; Phytoplankton; ...2.1702

WASTE COMPOSTS AS CHELATING AGENTS IN PLANT NUTRITION ...Absorption (incl. Adsorption); Chromatography; Mineral Nutrition; Soil - Crop Relationships; Waste Disposal on Soils; Zinc; ...3.0091

STRUCTURAL CHEMISTRY OF SOIL HUMIC SUBSTANCES ...Adsorption; Hydrolysis, Esterification; Organic Soils -see Soils; Pesticides -nonspecific; Reduction Reactions; Soil Chemical Properties; Soil Microbiology; ...4.0106

PHYSIOLOGICAL MECHANISMS INVOLVED IN SELECTIVE PHYTOTOXIC ACTION OF HERBICIDES ...Cipc; Herbicides and Other Chem; Nucleic Acid Compounds; Pesticide Phytotoxicity; Pyriclor; ...4.0430

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganisms-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Proper-

ties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

BEHAVIOR OF CERTAIN SYNTHETIC CHELATING AGENTS IN BIOLOGICAL AND SOIL SYSTEMS ...Absorption (incl. Adsorption); Mineral Nutrition; Radiation Effects -see Rad.; Soil Chemical Properties; Translocation; ...5.0161

MECHANISM OF DIVALENT ION ABSORPTION ...Arsenic; Cobalt; Gallus Domesticus; Iron; Mercury; Whole Body; Zinc; ...5.0256

THERAPY FOR INHALED RADIONUCLIDES ...Canidae; Cerium; Niobium; Radiation Effects - Biological; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0443

GENERATION OF MONODISPERSE AEROSOLS OF INSOLUBLE FORMS FOR USE IN INHALATION EXPOSURES ...Aerosols, Body Isotope Burden; Electrical Phenomena; Fission Products-see Radioact.; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0448

REMOVAL OF INTERNAL EMITTERS ...Muridae; Plutonium; Promethium; Radiation Injury Prevention; Sus; ...5.0753

DETERMINATION OF UPTAKE RATES, ORGAN SPECIFICITIES, AND BIOLOGICAL LIFETIMES OF RADIOISOTOPES AND ELEMENTAL SPECIES IN THE RAT ...Barium; Gamma Spectroscopy; Mercury; Radiation Injury Prevention; Tantalum; ...5.0781

Chemical Analysis (water)

TRACE AMOUNT SUBSTANCES IN ENVIRONMENTAL HEALTH ...Developmental Physiology; Environmental Effects - Human; Health & Geographic Factors, Sus; Water Pollutant Identification; ...1.0217

ATOMIC ABSORPTION SPECTROSCOPY WITH A HIGH TEMPERATURE FURNACE ...Air Pollution Monitoring; Atomic Absorption; Clouds - Precipitation; Montana; Particulates and Aerosols; Snow; ...1.0737

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

DYNAMICS OF THE NITROGEN CYCLE IN LAKES ...Algal Physiology; Analysis and Detection; Denitrification -see Nitrogen; Eutrophication; Hydrogen; Nitrogen and Nitrogen Cpds.; Nitrogen Cycle -see Denitrif.; Plant Productivity -general; Sub - Polar Regions; ...2.0009

DISTRIBUTION OF ORGANICS FROM SALMON DECOMPOSITION ...Alaska; Carbon; Chemical Effects; Estuaries; Nitrogen; Organic Matter; Water Pollutants - Path of; ...2.0011

TRACE AND TRACER ELEMENTS IN GROUND WATER: PHASE III ...Arizona; Groundwater; Industrial Wastes; Lead; Natural Recharge; Soil Chemical Properties; Water Pollution Sources; Zinc; ...2.0017

CONTROL OF AQUATIC WEEDS ...Connecticut; D, 2,4-, Dichlobenil; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticide Residues; ...2.0088

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Aluminum; Chlorine; Fluorine; Iodine; Precipitation Gages; Rain; Zinc; ...2.0097

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Algae -nonspecific; Benthic Organisms -nonspecific; Bottom Sampling; Chemical Water Properties; Microorganisms -nonspecific; Plant Freshwater Ecology; Spectrographic Techniques; Waste Water Treatment -general; Water Quality Control -general; ...2.0114

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Biological Water Properties; Chemical Water Properties; Chlorine; Drainage; Fertilizers; Irrigation; Mineralogical Water Properties; Soil Chemical Properties; Temperature (water); Water Quality -general; ...2.0120

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AS AFFECTED BY IRRIGATION ...Aquifers; Fertilizers; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.0121

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Environmental Influences; Eutrophication; Iowa; Nutrients; Water Pollutant Identification; Water Standards & Baselines; ...2.0143

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water); Alkalinity (water); Chemical Water Properties; Drainage; Drainage Engineering; Mineralogical Water Properties; Pesticide Residues; Phosphorus and Phosphorus Cpds; Zea Mays - Field Corn; ...2.0149

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

THRESHOLD ODOR DETERMINATIONS OF WATER SAMPLES FROM THE LOWER MISSISSIPPI RIVER ...Chemical Water Properties; Mathematical Models; Mississippi River; Potable Water; Taste & Odor of Water; Water Pollutant Identification; Water Quality -general; ...2.0163

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

STRIP-MINING AND WATER QUALITY ...Mine Wastes; Ohio; Spoil Banks; Strip Mines; Water Quality -general; ...2.0304

STRIP-MINING AND WATER QUALITY ...Acidity (water); Coal; Erosion; Mine Wastes; Rainfall Simulators; Spoil Banks; Thermal Poll. -see Water Poll.; ...2.0309

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth; Water Levels; ...2.0332

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination; Eastern U. S.; Landfill; Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

YIELD OF NUTRIENTS FROM AGRICULTURAL LAND TO WATER SOURCES ...Fertilizers; Loam -see Soil Types; Sandy Soils -see Soil Type; Silty Soils; Soil Depth; Soil Types -also See Specifics; ...2.0353

POLLUTION POTENTIAL OF RUNOFF FROM LIVESTOCK FEEDING OPERATIONS ...Agricultural Runoff; Biochemical Oxygen Demand; Chemical Oxygen Demand; Coliforms -nonspecific; Livestock -nonspecific; Precipitation; South Dakota; ...2.0361

CHANGES IN WATER QUALITY PARAMETERS OF RESERVOIRS DURING REGULATED FLOW CONDITIONS ...Acidity (water); Eutrophication; Organic Matter; Tennessee; Water Bacteria; Water Quality -general; ...2.0369

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Water Quality -general; ...2.0385

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat.; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Depth (water); Fish; Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

PLANT-AVAILABLE PHOSPHORUS STATUS OF LAKES ...Algae -nonspecific; Deposits; Eutrophication; Microorganisms -nonspecific; Phosphorus; Phosphorus and Phosphorus Cpds; ...2.0436

EFFECTS OF SOUTH SHORE DRAINAGE BASINS AND CLAY EROSION ON THE PHYSICAL AND CHEMICAL LIMNOLOGY OF WESTERN LAKE SUPERIOR ...Clay Soils; Facies; Lake Superior; Pleistocene Epoch; Water Quality -general; ...2.0459

BIOLOGICAL PROPERTIES OF SEWAGE LAGOONS AT TUSKEGEE, ALABAMA ...Alabama; Cellular Biosynthesis; Contamination - Water; Microorganisms -nonspecific; Sewage Lagoons; Water Pollutant Identification; Water Pollution Effects; ...2.0468

THE QUALITY OF ARIZONA WATERS WITH PARTICULAR REFERENCE TO FLUORIDES ...Arizona; Fluorine; Water Quality -general; Water Wells; ...2.0474

MINERAL ANALYSIS OF WATER ...Acidity (water); Groundwater; Mineralogical Water Properties; Rural Areas; Water Quality Control -general; ...2.0480

RIVER MURRAY SALINITY SURVEY IN SOUTH AUSTRALIA ...Australia; Data Networks; Waste Treatment; Water Quality Control -general; ...2.0482

TASTES AND ODORS IN WATER SUPPLIES ...Actinomycetes - nonspecific; Algal Pollutant Sources; Nitrogen and Nitrogen Cpds.; Potable Water; Taste & Odor of Water; Water Pollution - see Specifics; Water Quality -general; ...2.0486

ORGANIC SUBSTANCES IN WATER ...Analysis and Detection; Chlorinated Hydrocarbons; Distillation; Herbicides -nonspecific; Organic Matter; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0496

ANALYTICAL METHODS - WATER CHEMISTRY ...Analysis and Detection; Chromatography; Electroanalyses; Photometry; Trace Analysis; Water Pollutant Identification; Zinc; ...2.0514

PHYSICAL CHEMISTRY OF RADIOELEMENTS - RADIOMETRIC METHODS OF ANALYSIS ...Activation Analysis; Analysis and Detection; Chemical Extraction; Gamma Spectroscopy; Ion Exchange; Spectrographic Techniques; Water Pollution Sources; ...2.0513

TECHNIQUES AND INSTRUMENTATION - MONITORING LABORATORY ...Analysis and Detection; Water Pollutant Identification; ...2.0516

FIELD RESEARCH LABORATORY (MOBILE LABORATORY) ...Analysis and Detection; Research Facilities; Water Quality - general; ...2.0517

DATA ACQUISITION SYSTEMS IN WATER QUALITY MANAGEMENT ...Aircraft Remote Sensing; Colorado; Data Acquisition; Detectors and Sensors; Regional Or State Studies; Water Chemistry; Water Standards & Baselines; ...2.0519

AN ECOLOGICAL STUDY OF THE LOWER HOUSATONIC RIVER - PHASE I - SURVEY OF THE CHEMICAL ASPECTS OF THE RIVER ...Alkalinity (water); Chemical Water Properties; Connecticut; Ecological Effects; Optical Properties of Water; Survey Studies (water); Zinc; ...2.0523

UPPER ST. JOHNS WATER QUALITY, FLORIDA ...Acidity (water); Florida; Mineralogical Water Properties; Pesticides -see Pesticide; Trace Elements; ...2.0549

APPLICATION OF MODERN ELECTROANALYTICAL TECHNIQUES TO THE ANALYSIS OF HEAVY METALS IN WATER ...Analysis and Detection; Chemical Mechanisms & Kinetics; Electroanalyses; Mineralization; Trace Analysis; ...2.0557

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Cooperative Studies; Estuaries; Geology -general; River Basins; Soil Tillage; Water Depth, Water Levels; Water Table; Wind; ...2.0558

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo.; Environmental Geology; Hydrographs; Land Use; Soil Tillage; Water Quality -general; Water Table; Water Wells; ...2.0570

DETECTION OF OIL CONTAMINATION IN SEA WATER ...Infrared Spectroscopy; Oil, Petroleum Wastes - Spillage; ...2.0577

QUALITY OF TILE EFFLUENT ...Drainage; Effluents - Waste Water; Floods; Nitrogen and Nitrogen Cpds.; Phaseolus; Phosphorus and Phosphorus Cpds; Soil Analysis; Zea Mays - Field Corn; ...2.0587

APPLICATION OF ELECTRON SPIN RESONANCE IN WATER POLLUTION STUDIES ...Analysis and Detection; Spectrographic Techniques; Urban Environment; Urban Research -general; Water Pollutant Identification; ...2.0591

ANALYSIS OF SOLUTIONS FOR SURFACE-ACTIVE CONSTITUENTS ...Absorption - Chemistry; Adsorption; Detectors and Sensors; Electrochemistry; Surfactants -see Detergents; ...2.0598

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition; Carbon; Destratification; Forecasting - Prediction; Lakes; Mathematical Models; Primary Productivity - Plants; Rate Meters; ...2.0612

INDICATOR PATHOGEN DENSITY RELATIONSHIPS IN TRIBUTARY STREAMS ...Bacterial Ecology; Bacterial Population Surveys; Escherichia Coli; Michigan; Sewage Bacteria; Water Pollutant Identification; ...2.0633

POLLUTION OF A MARINA AREA BY WATERCRAFT USE AS INDICATED BY COLIFORM AND CHEMICAL CONCENTRATIONS ...Bacterial Pollutant Sources; Bottom Sampling; Coliforms -nonspecific; Marinas; Ship Wastes; Water Pollutant Identification; ...2.0635

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Algae -nonspecific; Bioassays; Eutrophication; Fertilizers -aquatic; Nutrients; Ponds; Water Pollutant Identification; ...2.0636

NITRIFICATION IN SURFACE WATERS ...Algal Physiology; Michigan; Nitrification; Nitrogen and Nitrogen Cpds.; ...2.0638

WATER RESOURCES OF COPIAH COUNTY ...Aquifers; Geophysical Analysis; Groundwater; Groundwater Basins; Mississippi; Water Quality -general; Water Table; ...2.0649

DEVELOP IN-HOUSE CAPABILITY IN WATER QUALITY TECHNIQUES FOR ANALYSES OF HEAVY METALS, BACTERIA, AND PESTICIDE RESIDUES ...Bacterial Pollutant Sources; Pesticide Formulation; Pesticide Residue Analysis; Pesticides -nonspecific; Pesticides -other; Pesticides -see Pesticide; Water Bacteria; ...2.0655

POTENTIOMETRIC TECHNIQUES FOR MONITORING IONS INVOLVED IN WATER POLLUTION ...Analysis and Detection; Automatic Data Aquisition; Electrochemistry; Fluorine; Potentiometry; Water Pollutant Identification; ...2.0656

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

SURVEY OF LAKE NO. 1, WINSLOW TRACT ...Aquatic Ecology - Animal; Electro-fishing; Lakes; Nets; New Jersey; Water Utilization -animal; ...2.0679

RECOVERY, SEPARATION AND IDENTIFICATION OF PHENOLIC COMPOUNDS, NEW JERSEY ...Distillation; Infrared Spectroscopy; New Jersey; Separation; Ultraviolet Spectroscopy; ...2.0681

A STUDY OF THE NUTRIENT INPUTS INTO CAYUGA LAKE AND SENECA LAKE ...Lakes; New York; Nutrients; Precipitation; Watersheds; ...2.0690

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties -general; Water Standards & Baselines; ...2.0701

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Chemical Water Properties; Contamination - Water; Environmental Influences; Physical Water Properties; Sediments; Water Pollutants - Path of; ...2.0724

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Agricultural Runoff; Atrazine; Fertilizers; Irrigation; Leaching; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Tillage, Cropping Systems; ...2.0725

CLADOPHORA AS RELATED TO POLLUTION IN WESTERN LAKE ERIE ...Algae - Chlorophyta; Algal Pollutant Sources; Contamination - Water; Lower Plants; Mulches; Product Development Research; ...2.0726

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Aquatic Ecology - Animal; Biological Water Properties; Data Acquisition; Fish; Organic Water Properties; Pollution Effects -see Water; Survey Studies (water); ...2.0731

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage, Alkalinity (water); Automatic Data Aquisition; Chemical Water Properties; Mine Drainage Control; Mineralogical Water Properties; Ohio; Water Properties -general; Zinc; ...2.0733

EFFECTS OF AUGMENTED STREAM FLOW ON WATER QUALITY ...Alkalinity (water); Coliforms -nonspecific; Fluorine; Ohio; ...2.0734

HYDROGEOLOGY OF PUBLIC GROUND WATER SUPPLIES IN PENNSYLVANIA ...Groundwater; Management (water); Potomac River; Susquehanna River; Water Yield; ...2.0753

AN INVESTIGATION OF ACID MINE DRAINAGE CHEMICAL POLLUTANTS USING LASER-RAMAN AND INFRARED

SPECTROSCOPIES ...Acid Mine Wastes; Infrared Spectroscopy; Mine Drainage Control; Raman Spectroscopy; Zinc; ...2.0764

DETECTION OF NUTRIENT LIMITATIONS OF ALGAL GROWTH IN SURFACE WATERS ...Algae -nonspecific; Algal Physiology; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; ...2.0765

CHEMO-DYNAMICS OF LIMESTONE GROUNDWATER ...Aquifers; Geochemical Analysis (water); Groundwater; Groundwater Movement; Limestone-general; Model Studies; Water Quality Control -general; ...2.0766

GEOHYDROLOGY OF SHALLOW AQUIFERS IN HENRY AND WEAKLEY COUNTIES, TENNESSEE ...Aquifers; Geophysical Analysis; Permeability; Tennessee; Water Wells; ...2.0803

MACROBENTHOS AS INDICATORS OF ECOLOGICAL CHANGE ...Aquatic Ecology - Animal; Benthic Fauna; Chemical Water Properties; Physical Water Properties; River Basins; Water Pollutant Identification; ...2.0816

DEVELOPMENT OF SAMPLE PREPARATION METHODS FOR ANALYSIS OF MARINE ORGANISMS ...Bioindicators; Marine Biology - General; Water Pollutant Identification; Water Pollutants - Path of; Water Pollution Effects; Water Quality Control - general; ...2.0824

WATER COLUMN TESTING OF FERTILIZERS ...Fish; Lakes; Phytoplankton; Recreation, Water Resources; Warm Temperature -natural; ...2.0832

A PRE-IMPOUNDMENT ECOLOGICAL STUDY OF THE BOTTOM FAUNA AND WATER QUALITY IN THE NORTH ANNA RIVER ...Atomic Plants; Contamination - Water; Environmental Ecology; Management (water); Thermal Pollution; Water Standards & Baselines; ...2.0834

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Combustion; Environment; Loss Damages - Recreation; Recreation, Water Resources; Ship Wastes; Waste Management -see Specific; Water Chemistry; Water Pollutant Identification; ...2.0906

CONCENTRATION AND ANALYSIS OF PESTICIDES AND OTHER RECALCITRANT MOLECULES IN WATER SUPPLIES BY ULTRAFILTRATION ...Analysis and Detection; Pesticide Formulation; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0921

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Detectors and Sensors, Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

FACTORS AFFECTING MINE DRAINAGE AND THE GROUND WATER INTERACTIONS IN SELECTED AREAS OF WESTERN PENNSYLVANIA (PART 2) ...Acid Mine Drainage; Aquifers; Groundwater; Groundwater Movement; Pennsylvania; Strip Mines; ...2.0938

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chlorination; Chlorine; District of Columbia; Potomac River; Viral Pollutant Sources; Water Pollution -see Specifics; ...2.0941

NITROGEN REMOVAL AND IDENTIFICATION FOR WATER QUALITY CONTROL ...Analysis and Detection; Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; Ultrasonics; ...2.0956

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Contamination; Groundwater Movement; Landfill; Sanitary Landfills; Waste Disposal on Soils; ...2.1007

EVALUATION OF LOW-FLOW AUGMENTATION ON THE CHEMISTRY AND BIOLOGY OF THE BUFFALO RIVER, BUFFALO, NEW YORK ...Biological Water Properties; Chemical Water Properties; Industrial Wastes; New York; Sediments; Sewage; Water Supply Augmentation; ...2.1064

GAMMA RADIATION OF TEXTILE WASTE WATER TO REDUCE POLLUTION ...Biochemical Oxygen Demand; Chemical Mechanisms & Kinetics; Detergents -see Surfactants; Industrial Wastes; Radiolysis; Temperature; Textile Industry; Waste Water Treatment -general; ...2.1141

COMPATIBILITY OF SUBSURFACE RESERVOIRS WITH INJECTED LIQUID WASTES ...Economic Efficiency; Industrial Wastes; Porosity; Sediment Lithification; ...2.1149

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Algae -nonspecific; Boating; Fish; Fishing; Mollusca; Recreation, Water Resources; Sewage Lagoons; Waste Water Treatment -general; ...2.1159

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

CRITERIA FOR WASTE-DISPOSAL SITES IN THE KANSAS RIVER VALLEY ...Alluvium - Alluvial; Kansas; Scouring; Waste Disposal-see Solid Waste; Water Depth, Water Levels; Water Table; ...2.1273

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Lysimeters; Physical Models; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...2.1288

ENVIRONMENTAL CONTROL RESEARCH CONTROL TECHNIQUES, FIELD TESTING, AND EVALUATION ...Acid Mine Drainage; Data Acquisition; Effluents - Waste Water; Mine Drainage Control; Mining Industry; Water Pollution Sources; ...2.1401

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

EFFECT OF INDUSTRIAL POLLUTANTS ON WATER QUALITY ...Bacterial Ecology; Bioindicators; Coliforms -nonspecific; Nutrients; Water Pollutant Identification; ...2.1470

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots; Arkansas; Ecological Effects; Eutrophic Lakes; Mineralogical Water Properties; Nutrients; Plankton Sampling; Population Dynamics -general; Zooplankton; ...2.1483

EFFECTS OF CHEMICAL VARIATIONS IN AQUATIC ENVIRONMENTS ...Aluminum; Colorado River; Data Acquisition; Lead; Oil Shale; Salinity (water); ...2.1512

IRRIGATION OF CITRUS WITH WASTE WATER ...Absorption (incl. Adsorption); Citrus; Food Processing Industries; Industrial Wastes; Irrigation; Sewage; Water Application Methods; ...2.1526

GREAT LAKES ECOLOGY STUDY ...Aquatic Ecology - Animal; Ecological Effects, Environmental Ecology; Lakes; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1546

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Chemical Water Properties; Ecological Effects; Environmental Influences; India; Lower Plants, Organic Water Properties; Physiological Effects; ...2.1549

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Aquatic Soils; Atomic Absorption; Bottom Sampling; Effluents - Waste Water; Industrial Wastes; Water Pollution Effects; ...2.1563

BIOGEOCHEMISTRY OF ESTUARINE ECOSYSTEM WITH EMPHASIS ON HEAVY METALS AND SHELLFISH ...Contamination - Water; Geochemical Analysis (water); Organic Matter; Physiological Effects; ...2.1578

EFFECTS OF LIMNOLOGICAL FACTORS ON UPTAKE OF 137CS BY FISH ...Acidity (water); Analysis of Variance; Aquatic Ecology - Animal; Lakes; Organic Water Properties; Regression Analysis; ...2.1593

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Aquatic Ecology - Animal; Atomic Absorption; Geochemical Analysis (water); Lead; Precipitation; Water Pollution Effects; Water Purification; Zinc; ...2.1626

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Atomic Plants; Biological Water Properties; Chemical Water Properties; Energy Conversion; Fish; Missouri River; Temperature (water); ...2.1633

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

THERMAL STUDY IN WILKES RESERVOIR ...Aquatic Ecology - Animal; Contamination - Water; Electric Power Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1728

MEASUREMENT AND MANAGEMENT ASPECTS OF WATER TOXICOLOGY ...Analysis and Detection; Biological Effects;

Food Contamination; Plant Food Chains; Thermal Pollution; Training Grants, Fellowships; ...2.1793

CHEMICAL INDICATORS OF FECAL POLLUTION ...Animal Wastes - Feed Lots; Chemical Extraction; Gas Chromatography; Sewage; Water Pollutant Identification; ...3.0049

EFFECT OF MUNICIPAL SEWAGE PLANT EFFLUENT UPON AQUATIC SNAIL POPULATIONS ...Aquatic Ecology - Animal; Chlorine; Ecological Effects; Lake Champlain; Mercury; Pollution Effects -see Water; Sewage; ...3.0053

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Groundwater; Illinois; Leaching; Soil Tillage; Waste Disposal on Soils; ...3.0133

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Chemical Oxygen Demand; Farm Animal Wastes; Lagoon; Noise -see Noise; Recycle Water; Sus; ...3.0145

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Agricultural Runoff; Bos; Farm Animal Wastes; Poultry -nonspecific; Waste Disposal on Soils; ...3.0156

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Animal Wastes - Feed Lots; Chlorine; Farm Animal Wastes; Lysimeters; Percolation (water); Sprinkler Irrigation; Water Application Methods; ...3.0166

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

RESEARCH INITIATION-PHYSIOLOGICAL AND STRUCTURAL STUDIES OF SPHAEROTILUS NATANS IN RELATION TO THE BULKING OF ACTIVATED SLUDGE ...Activated Sludge; Bacterial Morphology; Isotope Tracer -see Tracers; Microscopy; Sphaerotilus; ...3.0271

SUBSURFACE DISPOSAL OF ANIMAL MANURE ...Animal Wastes - Feed Lots; Chlorine; Denitrification; Farm Animal Wastes; Feces; Plant Tissue Analysis -chem.; Soil Fertility; Waste Disposal, Underground; ...3.0296

UTILIZATION OF FOOD PROCESSING PLANT EFFLUENTS AND THEIR EFFECTS ON SOILS AND CROPS ...Food Processing Industries; Mineral Nutrition; Plant Response to Env. - ns; Plant Waste Removal, Treatment; Soil Chemical Properties; ...3.0335

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Carbon; DDT; Paraquat; Pesticide Residues; Planavin; Soil Chemical Properties; Water Pollutant Identification; ...4.0016

EFFLUENT INFLUENCES OF THE MISSISSIPPI RIVER ON THE CHEMISTRY AND BIOLOGY OF ADJACENT OCEAN SYSTEMS ...Chlorinated Hydrocarbons; Effluents - Waste Water; Marine Pollution; Pesticides -see Pesticide; ...4.0022

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Endrin; Eptam; Filtration; Pesticide Formulation; Pesticide Residues Removal; Ponds; Rural Areas; ...4.0034

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

DEVELOPMENT OF FIELD METHODS IN SAMPLING WATER FOR PESTICIDE ANALYSIS ...Chemical Analysis; Chemical Extraction; Chlorine; Membranes; Pesticides -see Pesticide; Plastics; Water Chemistry; ...4.0049

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics -general; Water Pollutants - Path of; ...4.0752

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Environmental Hazards; Paraoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

CHEMICAL ANALYSES ...Contamination - Water; Estuaries; Invertebrate Physiology; Metabolism of Algacides; Pesticide in Food Chains; Pollution Effects -see Water; ...4.1015

DEVELOPMENT OF TECHNIQUES FOR IDENTIFICATION OF PESTICIDES AND THEIR METABOLITES BY MASS SPECTROMETRY ...Carbon; Insecticides -nonspecific; Mass Spectroscopy; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.1056

DEVELOPMENT OF ANALYTICAL METHODS FOR SELECTED HERBICIDES ...Chemical Analysis; Gas Chromatography; Handbooks; Herbicides -nonspecific; Literature Search; Pesticides -see Pesticide; Radioisotopes -nonspecific; ...4.1060

UPDATING THE 'HANDBOOK OF PROCEDURES FOR PESTICIDE RESIDUE ANALYSIS' - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Chemical Analysis - general; Handbooks; Pesticide Residue Analysis; Pesticides -nonspecific; Pesticides -see Pesticide; ...4.1062

ULTRA LOW LEVEL RADIONUCLIDE ANALYSIS ...Analysis and Detection; Detectors and Sensors; Gamma Spectroscopy; Ion Exchange; Organic Matter, Trace Elements; ...5.0919

Chemical Analysis -general

CHARACTERIZATION OF SMOKE FROM CELLULOSIC FUELS ...Air Pollution-chemistry; Combustion; Controlled Atmosphere; Fire Research -see Forest Fire; Fuels; Pyrolysis; Rate of Reaction; ...1.0015

CHEMICAL COMPOSITION OF POLLUTED AIR ...Air Pollution Analysis; Air Pollution-chemistry; Cars; Energy Storage -general; Industrial Wastes; Rate of Reaction; Temperature; ...1.0038

SELENIUM AND ITS SIGNIFICANCE AS AN AIR POLLUTANT ...Adsorption; Catalysts; Combustion; Disposal; Fuels; Solid Waste, Trace Elements; ...1.0057

GASOLINE COMPOSITION AND VEHICLE EXHAUST GAS POLYNUCLEAR AROMATIC CONTENT ...Air Cleaning Devices; Air Pollution-chemistry; Combustion; Engines; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0075

DOCUMENT ODOROUS CONSTITUENTS IN DIESEL EXHAUST ...Combustion; Fuels; Odor; ...1.0085

ENGINEERING STUDIES RELATED TO THE TECHNIQUES AND INSTRUMENTATION USED FOR FUEL AND FUEL ADDITIVE EVALUATIONS ...Air Pollution Monitoring; Air Pollution Sampling; Air Pollution-chemistry; Combustion; Fuels; Meteorological Studies; Nitrogen and Nitrogen Cpds.; ...1.0100

EMISSIONS FROM THE PULP AND PAPER INDUSTRY - ANALYSIS OF SAMPLES ...Air Pollution Sampling; Gases; Noise -see Noise; Odor; Pulp and Paper; Pulp and Paper Wastes; ...1.0111

COMPOSITION AND DISTRIBUTION OF FOREST FIRE SMOKE ...Abies; Air Pollution -see Specifics; Combustion Air Pollutogen; Fire Research -see Forest Fire; Larix; Mathematical Models; ...1.0156

ANALYSIS OF THE ATMOSPHERIC PHOTOCHEMICAL REACTION PRODUCTS OF TERPENES ...Air Pollution -see Specifics; Air Pollution-chemistry; Conifers; Photochemical Reactions; ...1.0157

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE USE OF REACTIVITY SCALES FOR PREDICTING CHEMICAL REACTIVITIES OF HC-NOX MIXTURES ...Aerosols; Air Pollution -see Specifics; Aldehydes -nonspecific; Dosimetry; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Ultra Violet Radiation; ...1.0238

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE REACTIVITY OF BENZALDEHYDE-NO AIR MIXTURES ...Aerosols; Air Pollution-chemistry; Combustion; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Oxidants; ...1.0239

COMPLETE COLLECTION OF ANALYSES OF DATA ASSOCIATING HEALTH EFFECTS WITH EXPOSURE TO PB, AS, OR CD EMISSIONS FROM SMELTERS IN MONTANA &

IDAHO ...Air Pollution -see Specifics; Arsenic; Idaho; Lead; Miners; Occupational Hazards; ...1.0279

MT STORM - W VIRGINIA - GARRETT COUNTY - MARYLAND ABATEMENT ACTION - FIELD INVESTIGATION ...Air Pollution-chemistry; Dust; Fluorine; Industrial Pollution -general; Leaf Analysis; Monitoring; Nitrogen and Nitrogen Cpds.; ...1.0399

ENGINEERING REVIEW CONSULTATION ...Air Cleaning Devices; Air Pollution; Air Pollution-chemistry; Consultants, Advisory Services; Water Quality Control -general; ...1.0543

STUDY OF PETROGRAPHIC AND MINERALOGICAL CHARACTERISTICS OF CARBONATE ROCKS RELATED TO SULFUR OXIDE SORPTION IN FLUE GASES ...Absorption - Chemistry; Carbonates; Environmental Geology; Microscopy; Power Plants; Trace Element Analysis; ...1.0553

DETERMINATION OF MASS FLOW AND CONCENTRATION OF SUSPENSIONS ...Air Pollution-chemistry; Coal Research, Combustion; Dust; Electrostatic; Fuels; Furnace and Incinerator Design; ...1.0554

RECOVERY OF NITROGEN AND SULFUR OXIDES FROM BOILER FLUE GASES ...Air Pollution-chemistry; Combustion; Nitrogen and Nitrogen Cpds.; Pilot Plants; Waste Material Recovery; ...1.0565

DIESEL EMISSION CONTROL ...Air Cleaning Devices; Combustion; Engine; Environmental Aspects; Fuels; Odor; ...1.0574

AIR QUALITY CONTROL SERVICE ...Air Pollution; Air Pollution-chemistry; Consultants, Advisory Services; ...1.0613

SAMPLING AND ANALYTICAL METHODS DEVELOPMENT FOR PROTOTYPE LIMESTONE - WET SCRUBBING TESTS ...Air Pollution-chemistry; Pilot Plants; Scrubbers; ...1.0650

A NEW DETECTOR FOR CARBON MONOXIDE IN AIR ...Air Pollution-chemistry; Detectors and Sensors; Inorganic Gases; ...1.0665

TECHNIQUE FOR ACID AEROSOL DETECTION AND ANALYSIS (ABBREV) ...Aerosols; Air Pollution-chemistry; Films; Plastics; ...1.0676

CONTINUOUS ATMOSPHERIC LEAD SAMPLER ...Air Pollution-chemistry; Lead; ...1.0680

DISTRIBUTION OF NITRIC ACID IN THE STRATOSPHERE ...Airplanes, Balloons, Spectrographic Techniques; Stratosphere; ...1.0688

SUBMARINE ATMOSPHERE MONITORING EQUIPMENT ...Air Pollution-chemistry; ...1.0710

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution Control Systems; Air Pollution-chemistry; Combustion; Energy Conversion; Engines; Inorganic Gases; Radiometric Analysis; ...1.0721

ADAPTATION OF OXIDES OF NITROGEN ANALYTICAL METHOD TO LIGHT DUTY VEHICLE EXHAUST EMISSION PROCEDURE ...Air Pollution; Air Pollution Analysis; Cars; Combustion; Gases; Nitrogen and Nitrogen Cpds.; ...1.0726

CONDUCT EMISSION TESTS ON DEVICES ...Air Pollution; Combustion; Gases; ...1.0729

AEROSOL MEASUREMENTS IN LOS ANGELES SMOG ...Aerosols; Air Pollution Analysis; Air Pollution Monitoring; California; Coagulation; Data & Statistics Info Storage; Smog; ...1.0732

DEVELOPMENT OF ANALYTICAL TECHNIQUES BASED ON HOMOGENEOUS GAS PHASE LUMINESCENT REACTIONS ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; ...1.0736

ESSO - INSTRUMENTATION PLAN DEVELOPMENT ...Air Pollution-chemistry; Marketing; ...1.0738

CONTROLLED CONVERSION OF GASES INTO DETECTABLE PARTICLES ...Air Pollution Analysis; Gases; Particulates - Air Pollution; Rate of Reaction; ...1.0741

PROVIDE TECHNICAL ASSISTANCE TO STATE AND LOCAL AIR POLLUTION GROUPS IN THE OPERATION OF FIELD MONITORING EQUIPMENT ...Air Pollution Monitoring; Air Pollution-chemistry; ...1.0755

EVALUATE IMPLEMENTATION PLANS WITH RESPECT TO SELECTION OF MONITORING SYSTEMS AND SITES IN AQCR'S ...Air Pollution Monitoring; Air Pollution-chemistry; ...1.0758

TECHNICAL SUPPORT TO FEDERAL FACILITIES - SOURCE SAMPLE ANALYSIS - AIR MONITORING - AND VEGETATION EFFECTS ...Air Pollution -see Specifics; Air Pollution Monitoring; Air Pollution Sampling; Air Pollution-chemistry; Monitoring; ...1.0776

DEVELOPMENT OF HEAVY HYDROCARBON ANALYZER AND EVALUATION OF CONTINUOUS OXIDES OF NITROGEN ANALYZER FOR ADVANCED POWER PLANT STUDIES ...Air Pollution-chemistry; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; Power Plants -see Specifics; ...1.0778

DEFINITION OF OXIDE OF NITROGEN STANDARD ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; ...1.0796

DEVELOP TECHNIQUES FOR STORING CHEMICAL INFORMATION PROPORTIONAL TO 24-HOUR AVERAGE CONCENTRATIONS OF SO2 AND NOX ...Absorption - Chemistry; Air Pollution Monitoring; Air Pollution-chemistry; Gases; Nitrogen and Nitrogen Cpds.; ...1.0805

DEVELOP NOX MEASUREMENT PROCEDURE FOR FEDERAL REGISTER ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; ...1.0811

DETERMINE TIME-CONCENTRATION-FREQUENCY RELATIONSHIPS IN AQCR'S FOR SOX, PARTICULATES, NO, HC, CO AND OXIDANTS ...Atmospheric Dynamics; Energy Conversion; Gases; Nitrogen and Nitrogen Cpds.; Oxidants; Particulates - Air Pollution; Sulfur Dioxide Removal; ...1.0813

ANALYZE COLLECTED PARTICULATE POLLUTANT FOR SOLUBLE NON-METAL IONS ...Air Pollution Sampling; Air Pollution-chemistry; Particulates - Air Pollution; ...1.0817

CONSULT WITH LOCAL, STATE, REGIONAL, AND OTHER FEDERAL AGENCIES ON ANALYTICAL METHODOLOGY AND PROCEDURES ...Air Pollution Analysis; Air Pollution-chemistry; Consultants, Advisory Services; ...1.0820

ON-THE-JOB TRAINING FOR PERSONNEL OF REGIONAL, STATE, LOCAL AND OTHER FEDERAL AGENCIES OR OTHER NAPCA PROGRAMS (ABBREV) ...Air Pollution-chemistry; Data & Statistics Info Storage; Training Grants, Fellowships; ...1.0821

WEIGH AND COMPUTE CONCENTRATION OF SUSPENDED PARTICULATE MATTER IN SAMPLES COLLECTED BY THE NASN ...Air Pollution Analysis; Air Pollution-chemistry; Filtration; Membranes; Temperature; ...1.0824

ANALYZE SAMPLES COLLECTED FROM AMBIENT AIR FOR TOTAL MERCURY ...Absorption - Chemistry; Air Pollution Analysis; Air Pollution Sampling; Air Pollution-chemistry; Mercury; ...1.0831

SINGLE COMBUSTOR RIG INVESTIGATION OF TURBINE ENGINE EXHAUST EMISSIONS ...Air Cleaning Devices; Air Pollution-chemistry; Combustion; Engines; Fuels; Turbines; ...1.0836

FIELD EVALUATION OF METHODS RECOMMENDED FOR COLLABORATIVE TESTING AND ADOPTION AS STANDARDS FOR AIR POLLUTION MEASUREMENTS ...Air Pollution Monitoring; Air Pollution-chemistry; ...1.0844

TURBOPROPULSION AUGMENTOR EXHAUST EMISSIONS INVESTIGATION ...Combustion; Engines; Turbines; ...1.0914

CHEMISTRY OF ATMOSPHERIC PRECIPITATION ...Chemical Water Properties; New York; North Carolina; Precipitation; Virgin Islands; ...2.0092

ANALYZE PRECIPITATION SAMPLES FOR SELECTED COMPONENTS ...Air Pollution Sampling; Air Pollution-chemistry; Atmospheric Dynamics; Precipitation; ...2.0289

BENTHAL SULFIDE RELEASE IN AQUATIC SYSTEMS ...Aquatic Soils; Detectors and Sensors; Marine Environments; Oregon; Tidewater Areas; ...2.0317

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Air - Sea Boundary Studies; Atomic Absorption; Bays; Degradation -see Pesticide Deg; Hawaii; Marine Pollution; Organic Matter; Water Pollutant Identification; ...2.0567

PRECISION RATIO GAS-SOURCE MASS SPECTROMETER ...Bauxite; Geochemical Investigations; Mineralogical Properties; Organic Water Properties; Salinity; Sedimentary History; Water Quality -general; ...2.0815

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Fluid Mechanics; Ion Exchange; Isotope Tracer -see Tracers; Mechanism Determination; Reactors; Sand Filters; Utilization; ...2.0888

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Farm Animal Wastes; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Moisture; Soil Organic Content; Sprinkler Irrigation; Water Table; ...2.0994

ECOLOGY OF SPHAEROTILUS IN ACTIVATED SLUDGE ...Activated Sludge; Cellular Physiology- Env. Eff., Process Design; Sphaerotilus; Statistics; Thickening; ...2.1005

INDIVIDUAL WASTE DISPOSAL SYSTEMS ...Aeration (water); Effluent-standards; Pipe; Sewer Maintenance; Waste Disposal-see Solid Waste; ...2.1205

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Effluents - Waste Water; Food Processing Industries;

Gases; Organics; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Disposal Wastes; Groundwater; Industrial Wastes; Organic Matter; Seepage (water); Sewage Lagoons; Waste Management - see Specific; Water Pollutants - Path of; Water Quality -general; ...2.1360

EFFECTS OF SURFACTANTS IN WATER ON BLACKBIRD METABOLISM ...Analysis and Detection; Contamination - Water; Passeriformes; Surfactants -see Detergents; Temperature - Air; ...2.1579

INTERACTION BETWEEN MARINE ORGANISMS AND OIL POLLUTION ...Animal Migration; Contamination - Water; Environmental Geology; Marine Biology - General; Petroleum -see Oil; ...2.1584

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Dispersion (water); Effluents - Waste Water; Industrial Wastes; Marine Photography- Television; Oregon; Pulp and Paper Wastes; Sea Water Sampling; Surveying; ...2.1678

CARBONIZATION OF MUNCIPAL AND INDUSTRIAL WASTE ...Pilot Plants; Sewage - Domestic; Thermal Decomposition; Waste Material Recovery; ...3.0039

CHLORINE CONTACT TANK DESIGN ...Disinfection; Flume Studies; Physical Models; Tanks; ...3.0130

ENGINEERING PROPERTIES OF COMPACTED ASH FILLS ...Burning; Combustion; Construction Materials; Engineering Mechanics; Materials -properties; Soil Compaction Or Density; ...3.0179

HIGH-RATE, MULTIPLE MEDIUM FILTRATION FOR SECONDARY TREATMENT OF MUNICIPAL WASTE WATER ...Biochemical Oxygen Demand; Coagulation; Digestion; Effluent-standards; Filtration; Secondary Treatment; Waste Treatment Economics; ...3.0302

EVALUATION AND DEVELOPMENT OF SPECIAL PURPOSE COALS ...Ash-coal Filters; Coal; Coal Research; Gasification; Reaction; Separation; Utilization; ...3.0304

CHARACTERISTICS OF CRUDE OILS ...Alaska; Data & Statistics Info Storage; Fluid Properties; Rocky Mountain System; Wyoming; ...3.0410

UPDATING THE 'HANDBOOK OF PROCEDURES FOR PESTICIDE RESIDUE ANALYSIS' - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Chemical Analysis (water); Handbooks; Pesticide Residue Analysis; Pesticides -nonspecific; Pesticides -see Pesticide; ...4.1062

INVESTIGATIONS OF THERMOLUMINESCENT RADIATION DOSIMETRY ...Chemical Dosimetry; Dosimetry; Instrumentation; Neutron -see Radiation; Photochromism; Thermoluminescent Detectors; ...5.0964

Chemical Effects

FUNDAMENTAL STUDIES ON THE PROCESS FOR REMOVING NOX FROM FLUE GASES ...Chemical Mechanisms & Kinetics; Combustion; Nitrogen and Nitrogen Cpds.; Scrubbers; Sulfur Dioxide Removal; ...1.0355

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Carbonates; Forecasting - Prediction; Groundwater Movement; Mass Transfer; Nuclear; Petrology; Seismology; Water Pollutants - Path of; ...2.0062

WATER POLLUTION AND ITS CONTROL BY MICROBIAL METABOLIC ACTIVITIES ...Acid Mine Drainage; Cellular Metabolism - Controls; Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; Sulfur Bacteria; Water Quality Control -general; ...2.0160

TREATMENT OF DYEING BATH WASTE STREAMS BY FOAMING AND FLOTATION TECHNIQUES ...Adsorption; Dye Wastes; Fibers; Foam; Plastics; Southeast U. S.; Textile Industry; ...2.1441

Additives

STUDY OF IRRADIATED AIR POLLUTANTS ON SPREAD FILMS ...Air Pollution -see Specifics; Antioxidants -nonspecific; Gases; Natural Occurring Membranes; Radiation Sources - general; ...1.0370

FILTRATION OF AEROSOLS BY GRANULAR BEDS ...Air Cleaning Devices; Combustion; Energy Conversion; Furnace and Incinerator Design; ...1.0595

THE ROLE OF PAPER MILL ADDITIVES AS POTENTIAL STREAM POLLUTANTS ...Activation Analysis; Atmospheric and Environmental; Industrial Wastes; Pulp and Paper Wastes; Waste Treatment; Water Quality Control -general; ...2.0412

TERTIARY TREATMENT BY FLOCCULATION AND RAPID SAND FILTRATION ...Flocculation; Sedimentation; Tertiary Treatment; Waste Water Treatment -general; ...2.0935

DETERGENT DISPERSANT CHARACTERISTICS OF PETROLEUM FUELS ...Corrosion, Deterioration; Detergents -see Surfactants; Filtration; Lubricants and Fluids; Petroleum Research; ...2.1033

ECONOMIC DISPOSAL OF WASTE SLUDGES FROM WATER TREATMENT PLANTS ...Coagulation; Dewatering; Disposal; Electrochemistry; Filtration; Waste Treatment Economics; Water Purification; ...2.1121

WATER QUALITY CONTROL WITH SYNTHETIC POLYMERIC FLOCCULANTS - EFFECT OF MG, CA, CU, & ZN IONS ON BACTERIA & ALGAE (ABBREV) ...Bacterial Pollutant Sources; Flocculation; Sewage Treatment Plant; Waste Water Treatment - general; Water Quality Control -general; ...2.1206

INVESTIGATION OF AMPHIPATHIC WATER-SOLUBLE POLYMERS AS FLOCCULANTS AND FLOTATION AIDS IN DOMESTIC WASTEWATER TREATMENT ...Electrochemistry; Flocculation; Flotation; Sewage - Domestic; Surfactants -see Detergents; Waste Water Treatment -general; Water Pollution Sources; ...2.1209

PROCESS DEVELOPMENT FOR REMOVAL OF NUTRIENT MATERIALS FROM WASTEWATERS ...Activated Sludge; Anaerobic Wastewater Treatment; Denitrification -see Nitrogen; Effluent-standards; Pollutant Removal; Waste Water Treatment - general; ...2.1363

APPLICATION OF HYPERFILTRATION WITH DYNAMICALLY-FORMED MEMBRANES TO TREATMENT OF MUNICIPAL SEWAGE EFFLUENTS ...Activated Sludge; Effluent-standards; Electrochemistry; Membranes; Porosity; Sewage; Tertiary Treatment; ...3.0319

Controlled Atmosphere

CHARACTERIZATION OF SMOKE FROM CELLULOSIC FUELS ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Fire Research -see Forest Fire; Fuels; Pyrolysis; Rate of Reaction; ...1.0015

EFFECTS OF OZONE ON SELECTED MATERIALS ...Air Pollution-chemistry; Automotive Application; Coatings -see Materials; Corrosion, Deterioration; Elastomers; Plastics; ...1.0386

DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR THE MEASUREMENT OF TRACE CONTAMINANTS IN AIR FORCE MANNED WEAPON SYSTEMS ...Aviation Medicine; Electron Spectroscopy; Military Personnel; Respiratory Irritants, Inhaled; Trace Analysis; ...1.0848

TRACER STUDIES IN AIR POLLUTION - SULFUR DIOXIDE ...Aerosols; Catalysis, Heterogeneous; Energy Conversion; Isotope Tracer -see Tracers; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0875

Inert Atmosphere

CATALYTIC DECOMPOSITION OF NITROGEN OXIDES ...Catalysts; Combustion; Degradation; Fuels; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; ...1.0133

Oxidizing Atmosphere

EVALUATION & APPLICATION OF CONVAIR IR SPECTROPHOTOMETER FOR LONGPATH ABSORPTION SPECTRA OF OXIDIZING ATMOSPHERE (WEST COAST) (ABBREV) ...Air Pollution Analysis; Analytical Instruments; California; Infrared Radiation; Smog; Spectrographic Techniques; ...1.0679

Synthetic Air

SHOCK STABILITY OF BACKUP SUBMARINE ATMOSPHERE CONTROL COMPONENTS ...Materials -properties; ...1.0561

Electric Field

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Chemical Composition; Core Analysis; Energy Conversion; Glaciology; Ion Exchange; Particulates - Air Pollution; Technology - Social Impact; ...1.0073

RESEARCH INITIATION - APPLICATION OF HIGH VOLTAGE ELECTRIC FIELDS TO THE REMOVAL OF SO2 AND NO2 FROM COMBUSTION EFFLUENT ...Combustion; Energy Conversion; Humidity; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0549

USE OF ELECTRIC FIELDS IN COMBUSTION ...Air Pollution-chemistry; Combustion; Furnace and Incinerator Design; Furnaces; Incineration; Nitrogen and Nitrogen Cpds.; Pilot Plants; ...1.0638

ELECTRICAL CHARGING OF SMALL PARTICLES AT LOW PRESSURES ...Aerosols; Electrical Phenomena; Electrostatic; ...1.0893

DYNAMICAL THEORIES OF KNUDSEN AEROSOLS ...Aerosols; Air Pollution-chemistry; Heat Transmission; Mass Transfer; ...1.0915

ELECTRICAL STIMULATION OF MICROBIAL WASTE TREATMENT ...Microorganisms -nonspecific; Permeability; Sewage - Domestic; Waste Water Treatment -general; ...3.0180

Impurity

GAS-OFF STUDIES ON NONMETALLIC MATERIALS USED IN AIR FORCE SYSTEMS ...Aircraft, Space Applcn.; Chemical Mechanisms & Kinetics; Gas Chromatography; Infrared Spectroscopy; Liquid Chromatography; Mass Spectroscopy; ...1.0285

INTERACTION OF FLUE GASES WITH CARBON SURFACES ...Air Pollution-chemistry; Catalysis, Heterogeneous; Combustion; Oxidation; Porosity; Reduction Reactions; Sulfur Dioxide Removal; ...1.0642

STUDY OF THE EFFECT OF CARBON MONOXIDE ON THE RATE OF PHOTOOXIDATION OF HYDROCARBONS IN THE PRESENCE OF ULTRAVIOLET LIGHT & OXIDES OF NITROGEN ...Air Pollution-chemistry; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Oxidation; Rate of Reaction; ...1.0901

CHEMICAL INVESTIGATION OF SURFACE CONTAMINATION OF COTTON FIBERS ...Arsenic; Chemical Analysis; Defoliants; Fibers; Gossypium; ...4.0474

Inhibitor

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides -nonspecific; Biological; Coatings -see Materials; Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Plastics; Water Distribution Systems; ...2.0977

Kinetic Isotope Effects

PHOTOSENSITIZED OXYGENATIONS ...Air Pollution -see Specifics; Isotope Effects; Mechanism Determination; Photoactivation and React; Pollution Effects -see Water; Vertebrates - nonspecific; ...1.0889

THE RELATION BETWEEN IONIC AND RADICAL BOND CLEAVAGE ...Cycloaddition; Free Radical Reactions; Mechanism Determination; Oxidation; ...1.0891

SPECIAL PROBLEMS IN NUCLEAR INSTRUMENTATION AND MEASUREMENT OF W IN GASES ...Alpha Particles; Chemical Mechanisms & Kinetics; Ionization Chambers; Plastics; Radiological Instruments; ...5.0838

Pressure

APPLICATION OF SOLID STATE DIODE LASERS TO VERY HIGH RESOLUTION SPECTROSCOPY OF GAS POLLUTANTS - SO2, CH2O, O3 ...Air Pollution-chemistry; Gases; Interferometry; Lasers and Masers; Particulates and Aerosols; Resolution; Windows; ...1.0716

SELF-ADJUSTING AND SELF-CLEANING FILTER FEASIBILITY STUDY ...Chlorination; Filters-filtration; Materials, Composite; Pollutant Removal; Pressure Effects; Storm Sewer Quantity; ...2.0882

AIR OXIDATION OF ORGANIC COMPOUNDS IN AQUEOUS SYSTEMS ...Air; Chemical Mechanisms & Kinetics; Kinetics; Organics; Temperature; Wet Oxidation; ...2.1204

OILY WATER SEPARATOR ...Filtration; Fluid Mechanics; Oil Removal; Ship Wastes; Temperature; Waste Treatment; ...2.1207

Radiation

RESEARCH INITIATION - PHOTOOXIDATION IN HYDROCARBON-NITROGEN OXIDE SYSTEMS: A CHARCTERIZATION OF REACTOR WALL EFFECTS ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Reactors; Temperature; Wall Effects; ...1.0129

CHEMICAL REACTIONS INDUCED BY ULTRAVIOLET AND IONIZING RADIATION ...Kinetics; Mechanism Determination; Nuclear Radiation; Photochemical Reactions; Radiolysis; ...5.0017

HIGH TEMPERATURE STUDIES OF RADIOACTIVE FALLOUT PARTICLE FORMATION ...Chemical Mechanisms & Kinetics; Diffusion; Fallout -see Radioactive; Furnaces and Incinerators; Mechanism Determination; Nuclear Detonations; Rate of Reaction; ...5.0046

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Mechanism Determination; Photolysis; Pulse Radiolysis; Radiation Chemistry - biophys.; Radiation Sensitivity -man; Radiolysis; ...5.0223

RADIOLYSIS OF HETEROGENEOUS SYSTEMS ...Adsorption; Chemical Mechanisms & Kinetics; Colloidal Phenomena; Conductrometry; Light Scattering Analysis; Radiochemical Analysis; Spectrographic Techniques; ...5.0259

PULSE RADIOLYSIS IN RADIATION BIOLOGY ...Chemical Mechanisms & Kinetics; Kinetics; Pulse Radiolysis; Radiation Chemistry -biophys.; Radiation Sources -general; ...5.0298

RADICAL AND RADIATION CHEMISTRY OF SULFUR COMPOUNDS ...Cell Injury and Autolysis; Free Radical Reactions; Photolysis; Radiation Chemistry -biophys.; Radiolysis; ...5.0341

PHYSICAL MECHANISMS IN THE INACTIVATION OF PROTEINS BY RADIATION ...Light-catalyzed; Photosensitizer; Polymerization; Radiation Chemistry -biophys.; Radiation Sensitivity -man; ...5.0406

FUNDAMENTAL INVESTIGATIONS IN RADIATION POLYMER CHEMISTRY ...Irradiation; Plastics; Polymerization; ...5.0555

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Digestive System - Human; Freezing; Muridae; Photochemical Reactions; Radiation Effects - Biological; Urine; ...5.0573

DISPLACEMENT REACTIONS OF ANTI-RADIATION DRUGS ...Displacement; Radiation Injury Prevention; Rapid Reactions; ...5.0842

STUDIES ON ANTIRADIATION AGENTS ...Radiation Injury Prevention; X and Gamma Rays; ...5.0847

CHEMICAL DOSIMETRY ...Detectors and Sensors; Instrumentation; Microwave and Radiofrequency; Polymerization; Radiolysis; ...5.0884

MERCAPTOCYCLOPROPYLAMINES RADIATION-PROTECTIVE AGENTS ...Muridae; Radiation Injury Prevention; Sulfhydryl Compounds; X and Gamma Rays; ...5.0911

THE VALUE OF RADIOPROTECTIVE COMPOUNDS ...Muridae; Nuclear Radiation; Power Development; Radiation Effects - Man; Radiation Injury Prevention; X and Gamma Rays; ...5.0965

Solvent

SORPTION OF GASEOUS POLLUTANTS BY CYCLED OPERATION ...Absorption - Chemistry; Adsorption; Air Pollution-chemistry; Combustion; Energy Conversion; Scrubbers; Sulfur Dioxide Removal; ...1.0637

CONSERVATION OF WATER AND REDUCTION OF POLLUTION BY USE OF SOLVENT SYSTEMS FOR COLORING TEXTILE MATERIALS ...Dispersants; Fibers; Plastics; Textile Industry; Waste Material Recovery; Water Conservation -general; Water Quality Control -general; ...2.0958

DEVELOPMENT OF A PROTOTYPE FOR REMOVAL OF ORGANICS FROM WATER ...Carbon Filters Filtration; Organic Matter; Pilot Plants; Water Chemistry; ...2.1094

Hydrophilic

THE EFFECT OF DETERGENTS ON THE OXYGENATION OF WATER ...Absorption - Chemistry; Activated Sludge; Adsorption; Detergents -see Surfactants; Hydrophobic; Sewage - Domestic; Surfactants -see Detergents; ...3.1440

Hydrophobic

THE EFFECT OF DETERGENTS ON THE OXYGENATION OF WATER ...Absorption - Chemistry; Activated Sludge; Adsorption; Detergents -see Surfactants; Hydrophilic; Sewage - Domestic; Surfactants -see Detergents; ...3.1440

RADIATION EFFECTS IN CHEMISTRY AND BIOCHEMISTRY ...Biochemical Analysis - Tissues; Kinetics; Radiation Chemistry - biophys.; Radiation Effects - Biological; Radiation Induced Chem. React.; Radiation Sources -general; ...5.0202

Structural Effects

Substitution

ENTHALPIMETRIC ANALYSIS ...Air Pollution-chemistry; Catalysis, Homogeneous; Chemical Mechanisms & Kinetics; Functions and Properties; Precipitation; ...1.0639

EFFECT OF CHEMICAL STRUCTURE ON BIODEGRADABILITY OF ORGANIC MOLECULES ...Analysis and Detection; Biodegradation-see Degradation; Degradation, Microorganism-see Cell. Catab.; Organic Water Properties; Water Pollution Sources; ...2.1065

Temperature

RESEARCH INITIATION - PHOTOOXIDATION IN HYDROCARBON-NITROGEN OXIDE SYSTEMS: A CHARCTERIZATION OF REACTOR WALL EFFECTS ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Radiation; Reactors; Wall Effects; ...1.0129

KINETICS OF NITRIC OXIDE AT HIGH TEMPERATURES ...Air Pollution-chemistry; Combustion; Degradation; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0130

PROPERTIES OF PARTICULATE POLLUTANTS ...Adsorption; Air Pollution-chemistry; Catalysts; Chemical Mechanisms & Kinetics; Gases; Humidity - Water Vapor; Particulates - Air Pollution; ...1.0188

APPLICATION OF SOLID STATE DIODE LASERS TO VERY HIGH RESOLUTION SPECTROSCOPY OF GAS POLLUTANTS - SO2, CH2O, O3 ...Air Pollution-chemistry; Gases; Interferometry; Lasers and Masers; Particulates and Aerosols; Resolution; Windows; ...1.0716

DIESEL IGNITION AND COMBUSTION ENGINE RESEARCH ...Air Pollution -see Specifics; Combustion; Diesel; Engines; ...1.0724

REACTIONS OF SO2 WITH HYDROCARBONS, CO AND H2 ...Air Pollution-chemistry; Catalysis, Heterogeneous; Catalytic; Statistical; ...1.0897

ESTIMATING ACID MINE DRAINAGE POTENTIAL FROM COAL BEDS BY USE OF THE SOXHLET EXTRACTOR ...Acid Mine Wastes; Acidity (water); Coal Research; Drainage; Mine Hydrology; Water Pollutant Identification; ...2.0752

DENITRIFICATION AS A PATHWAY FOR NITRATE REMOVAL IN RIVERS AND PONDS ...Carbon; Denitrification; Organic Water Properties; Population Dynamics -general; Water Properties -general; ...2.1016

GAMMA RADIATION OF TEXTILE WASTE WATER TO REDUCE POLLUTION ...Biochemical Oxygen Demand; Chemical Mechanisms & Kinetics; Detergents -see Surfactants; Industrial Wastes; Radiolysis; Textile Industry; Waste Water Treatment - general; ...2.1141

AIR OXIDATION OF ORGANIC COMPOUNDS IN AQUEOUS SYSTEMS ...Air; Chemical Mechanisms & Kinetics; Kinetics; Organics; Pressure; Wet Oxidation; ...2.1204

INDIVIDUAL WASTE DISPOSAL SYSTEMS ...Aeration (water); Effluent-standards; Pipe; Sewer Maintenance; Waste Disposal-see Solid Waste; ...2.1205

OILY WATER SEPARATOR ...Filtration; Fluid Mechanics; Oil Removal; Ship Wastes; Waste Treatment; ...2.1207

REMOVAL OF METAL IONS BY FLOTATION WITH SURFACTANTS ...Chelation & Complexing; Flotation; Surfactants -see Detergents; Waste Water Treatment -general; Water Chemistry; ...2.1328

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing; Urban Environment; Washington; Water Quality -general; ...2.1769

ACTIVATED SLUDGE - BIO-DISC TREATMENT OF DISTILLERY WASTES ...Activated Sludge; Distillery Wastes; Organics; Waste Management -see Specific; ...3.0126

Wall Effects

AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Combustion; Energy Conversion; Fuels; Mass Spectroscopy; Photochemical Reactions; ...1.0009

RESEARCH INITIATION - PHOTOOXIDATION IN HYDROCARBON-NITROGEN OXIDE SYSTEMS: A CHARCTERIZATION OF REACTOR WALL EFFECTS ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Radiation; Reactors; Temperature; ...1.0129

Chemical Extraction

ORGANIC SUBSTANCES IN WATER ...Analysis and Detection; Chemical Analysis (water); Chlorinated Hydrocarbons; Distillation; Herbicides -nonspecific; Organic Matter; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0496

PHYSICAL CHEMISTRY OF RADIOELEMENTS - RADIOMETRIC METHODS OF ANALYSIS ...Activation Analysis; Analysis and Detection; Gamma Spectroscopy; Ion Exchange; Spectrographic Techniques; Water Pollution Sources; ...2.0515

RECOVERY, SEPARATION AND IDENTIFICATION OF PHENOLIC COMPOUNDS, NEW JERSEY ...Chemical Analysis (water); Distillation; Infrared Spectroscopy; New Jersey; Separation; Ultraviolet Spectroscopy; ...2.0681

CHROMATOGRAPHIC CONCENTRATION OF PESTICIDES FROM A LARGE MASS OF WATER ...Analysis and Detection; Column Chromatography; Distribution Coefficient; Partition Chromatography; Pesticide Residues Removal; Pesticides -nonspecific; Pesticides -see Pesticide; ...2.0710

CHEMICAL INDICATORS OF FECAL POLLUTION ...Animal Wastes - Feed Lots; Chemical Analysis (water); Gas Chromatography; Sewage; Water Pollutant Identification; ...3.0049

DEVELOPMENT OF FIELD METHODS IN SAMPLING WATER FOR PESTICIDE ANALYSIS ...Chemical Analysis; Chlorine; Membranes; Pesticides -see Pesticide; Plastics; Water Chemistry; ...4.0049

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics - general; Water Pollutants - Path of; ...4.0752

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analysis; D, 2,4-; Diazinon; Gas Chromatography; Malathion; Methoxychlor; Ponds; Thin Layer Chromatography; ...4.1061

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types - also See Specifics; Tracers; ...5.0063

CHARACTERIZATION OF SOIL & VEGETATION TO SERVE AS A BASIS FOR FUTURE EVALUATIONS OF RADIOACTIVE CONTAMINATION EFFECTS (ABBREV) ...Absorption (incl. Adsorption); Diquat; Paraquat; Radioactive Fallout; Soil Water Plant Relationships; Water Pollutants - Path of; ...5.0570

ULTRA LOW LEVEL RADIONUCLIDE ANALYSIS ...Analysis and Detection; Chemical Analysis (water); Detectors and Sensors; Gamma Spectroscopy; Ion Exchange; Organic Matter; Trace Elements; ...5.0919

Distribution Coefficient

PARTITION COEFFICIENTS FOR FE, MN, CO, NI, ZN, CU, BETWEEN RIVER WATER AND SUSPENDED LOAD ...Dissolved Load; Mineral Analysis; Sediments; Trace Element Analysis; Water Standards & Baselines; ...2.0590

CHROMATOGRAPHIC CONCENTRATION OF PESTICIDES FROM A LARGE MASS OF WATER ...Analysis and Detection; Chemical Extraction; Column Chromatography; Partition Chromatography; Pesticide Residues Removal; Pesticides -nonspecific; Pesticides -see Pesticide; ...2.0710

Chemical Industry

THE CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PETROCHEMICAL WASTES ...Chemical Manufacturing Wastes; Groundwater; Industrial Wastes; Petroleum Industry; Petroleum Wastes - Spillage; Water Pollution Effects; ...2.0310

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0538

TREATMENT AND DISPOSAL OF COMPLEX CHEMICAL WASTES ...Disposal Wastes; Injection Wells; Waste Disposal, Underground; Waste Treatment; ...2.1146

THE CATALYTIC OXIDATION OF ORGANICS IN WASTEWATER ...Catalysts; Chemical Treatment (water); Kinetics; Organic Matter; Oxidation; ...2.1211

ARMOUR INDUSTRIAL CHEMICAL SECONDARY WASTEWATER TREATMENT ...Aerobic Waste Water Treatment; Chemical Oxygen Demand; Food Processing Industries; Local Government; Pilot Plants; Water Pollution -see Specifics; ...2.1243

DEMONSTRATION OF THE RECONDITION AND RE-USE OF ORGANICALLY CONTAMINATED BRINES FROM CHEMICAL PROCESS INDUSTRIES ...Brines; Chemical Manufacturing Wastes; Organic Matter; Recycle Water; Waste Water Treatment -general; ...2.1307

METAL REMOVAL/RECOVERY FROM POLLUTED WATER BY COMPLEXATION WITH LINEAR POLYELECTROLYTES ...Chelation & Complexing; Chemical Treatment (water); Desalination; Industrial Wastes; Plastics; Waste Material Recovery; Zinc; ...2.1352

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ...Chelation & Complexing; Colloidal Phenomena; Filtration; Fluid Mechanics; Mathematical Models; New England Province; Rhode Island; Sedimentation; ...2.1411

GEIGY CHEMICAL WASTE TREATMENT FACILITY ...Effluent-standards; Organic Waste -see Waste Treat; Trickling Filters; Waste Water Treatment -general; ...2.1413

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Commercial Fishing; Electric Power Plants; Environmental Ecology, Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties -general; ...2.1763

Chemical Manufacturing Wastes

THE CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PETROCHEMICAL WASTES ...Chemical Industry; Groundwater; Industrial Wastes; Petroleum Industry; Petroleum Wastes - Spillage, Water Pollution Effects; ...2.0310

THE EFFECT OF CHLORINATION ON TREATED ORGANIC CHEMICALS ...Chlorination; Degradation; Disinfection; Organics; Rate of Reaction; Waste Water Degradation; ...2.0919

REUSE OF PLANT EFFLUENT AND COOLING WATER BLOWDOWN AS PROCESS WATER ...Activated; Biochemical Oxygen Demand, Chemical Oxygen Demand; Digestion; Pond, Sewer Systems; Water Reuse; ...2.0924

TREATMENT AND DISPOSAL OF COMPLEX CHEMICAL WASTES ...Chemical Industry, Disposal Wastes; Injection Wells; Waste Disposal, Underground; Waste Treatment; ...2.1146

ARMOUR INDUSTRIAL CHEMICAL SECONDARY WASTE-WATER TREATMENT ...Aerobic Waste Water Treatment; Chemical Industry; Chemical Oxygen Demand; Food Processing Industries; Local Government; Pilot Plants; Water Pollution -see Specifics; ...2.1243

DEMONSTRATION OF THE RECONDITION AND RE-USE OF ORGANICALLY CONTAMINATED BRINES FROM CHEMICAL PROCESS INDUSTRIES ...Brines; Organic Matter; Recycle Water; Waste Water Treatment -general; ...2.1307

DEEPWATER PILOT PLANT ENGINEERING AND INTERCEPTOR FEASIBILITY STUDY ...Biochemical Oxygen Demand; Delaware Bay; Dye Wastes; Industrial Wastes; New Jersey; Pilot Plants; Waste Treatment Economics; 2.1340

PROCESSING RETORTING WASTE WATERS ...Oil Removal; Oil Shale; Petroleum Wastes - Spillage; Process Design; Waste Disposal-see Solid Waste; Waste Material Recovery; ...2.1464

UNIT OPERATIONS STUDIES - WHITE PHOSPHORUS AND WASTE CONTROL ...Detectors and Sensors; Effluent-standards; Leakage; Phosphorus and Phosphorus Cpds; ...3.0027

STUDY OF WASTE DISPOSAL PROBLEMS ...Disposal Wastes; Effluent-standards; Petroleum Research; Waste Treatment; ...3.0357

CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PESTICIDE MANUFACTURING WASTES ...Bibliography; Canada; Contamination - Water; Literature Search; Pesticide Industry; Pesticides; Pesticides -see Pesticide; ...4.0986

Chemical Measurements (water)

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

SURVEY OF LAKE NO 1, WINSLOW TRACT ...Aquatic Ecology - Animal; Chemical Analysis (water); Electro-fishing; Lakes; Nets; New Jersey; Water Utilization -animal; ...2.0679

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED, WALWORTH, ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Algae -nonspecific; Chemical Water Properties; Fish; Najadaceae; Physical Water Properties; Range Or Territorial Distr.; Water Pollutant Identification; Watersheds; ...2.0868

FACTORS INFLUENCING FREE-LIVING NEMATODES IN WATER SUPPLIES ...Animal Pollutant Sources; Chlorination; Chlorine; Environmental Ecology; Mineralogical Water Properties; Nematoda; Sand Filters; ...2.0893

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Aquatic Ecology - Animal; Chemical Water Properties; Ictalurus Punctatus; Lakes; Lime Treatment, Neutralization; Population Dynamics -general; Stocking of Fish & Shellfish; ...2.1027

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

LIMESTONE DRUM PRODUCTIVITY STUDY -- POPULATION STUDY ...Acidity (water); Contamination - Water; Environmental Ecology; Limestone-general; Population Dynamics -general, Spawn Or Nesting Sites; Stocking of Fish & Shellfish; ...2.1131

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Aquatic Ecology - Animal; Chlorination; Effluents - Waste Water; Physical Water Properties; Pollution Effects -see Water; Protozoa; Temperature (water); ...2.1262

ECOLOGY OF COLORADO MOLLUSKS ...Colorado; Contamination - Water; Environmental Ecology; Invertebrate Physiology; Mollusca; Range Or Territorial Distr.; ...2.1504

ENVIRONMENTAL CONTROL SYSTEM FOR OYSTER FARMING ...Circulation (water); Delaware; Nutrient Studies -animal; Salinity (water); Spawning & Nesting Sites; Temperature (water); ...2.1521

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Recreation, Water Resources; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

Chemical Mechanisms & Kinetics

THIRTEENTH INTERNATIONAL SYMPOSIUM ON COMBUSTION ...Combustion ; Fluid Mechanics; Meetings; Propellants; ...1.0131

CHEMISTRY OF SULFUR IN HOT COMBUSTION GASES ...Adsorption; Air Pollution-chemistry; Catalysis, Heterogeneous; Kinetics; Nitrogen and Nitrogen Cpds.; Oxidation; Temperature Effects; ...1.0164

PROPERTIES OF PARTICULATE POLLUTANTS ...Adsorption; Air Pollution-chemistry; Catalysis; Gases; Humidity - Water Vapor; Particulates - Air Pollution; Temperature; ...1.0188

GAS-OFF STUDIES ON NONMETALLIC MATERIALS USED IN AIR FORCE SYSTEMS ...Aircraft, Space Applcn.; Gas Chromatography; Impurity; Infrared Spectroscopy; Liquid Chromatography; Mass Spectroscopy; ...1.0285

BASIC STUDY OF AIR POLLUTION WET-SCRUBBERS ...Absorption - Chemistry; Energy Conversion; Foam; Particulate Matter - Air Poll.; Washing; ...1.0538

FUNDAMENTAL STUDIES ON THE PROCESS FOR REMOVING NOX FROM FLUE GASES ...Chemical Effects; Combustion; Nitrogen and Nitrogen Cpds.; Scrubbers; Sulfur Dioxide Removal; ...1.0555

GAS CLEANING PROCESS STUDIES ...Adsorption; Air Cleaning Devices; Air Pollution-chemistry; Kinetics; Nitrogen and Nitrogen Cpds.; Scrubbers; Waste Material Recovery; ...1.0602

INCLUSION ADDUCTS FOR AIR PURIFICATION ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; ...1.0636

ENTHALPIMETRIC ANALYSIS ...Air Pollution-chemistry; Catalysis, Homogeneous; Functions and Properties; Precipitation; Substitution; ...1.0639

PILOT PLANT STUDY OF AMMONIA SCRUBBING OF POWER PLANT STACK GASES ...Combustion; Furnace and Incinerator Design; Pilot Plants; Power Plants -see Specifics; Scrubbers; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0647

STACK GAS SULFUR REMOVAL PROCESSES ...Air Pollution-chemistry; Combustion; Energy Conversion; Waste Material Recovery; ...1.0662

USE OF SOLID STATE DETECTORS IN AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Detectors and Sensors; Electrical Phenomena; Lead; Nitrogen and Nitrogen Cpds.; Trace Analysis; ...1.0709

PORTABLE TOXIC VAPOR DETECTOR ...Detectors and Sensors; Electronic Detection, Tracking; Propellants; Solid State Engineering; ...1.0711

IONIZATION METHODS OF GAS ANALYSIS ...Air Pollution-chemistry; Detectors and Sensors; Inorganic Gases; Instrument Services; Solid State Engineering; ...1.0847

NUCLEAR METHODS OF ANALYSIS ...Activation Analysis; Coal Research; Desulfurization; Fluid Mechanics; Pilot Plants; ...1.0857

PHOTOCHEMICAL STUDIES BY ESR SPIN TRAPPING TECHNIQUES ...Photolysis; Trace Analysis; ...1.0879

CHEMISTRY AND PROPERTIES OF OZONIDES ...Air Pollution - see Specifics; Catalysis, Homogeneous; Hydrolysis, Esterification, Ozonization; Reduction Reactions; Thermochemistry -biophysics; ...1.0880

FORMATION OF NONVOLATILE PARTICULATES FROM ORGANIC VAPORS ...Air Pollution-chemistry; Electromagnetic Radiation; Humidity - Water Vapor; Organic Compounds; Particulates and Aerosols, Solar Radiation -sunshine; ...1.0881

ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF THE REACTION KINETICS OF MAJOR AIR POLLUTANTS ...Air Pollution, Fuels; Kinetics, Shock-wave; ...1.0885

E.P.R. STUDY OF PHOTOREACTIONS IN THE ATMOSPHERE ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Spectrographic Techniques; ...1.0895

PERACETOXYL RECOMBINATION ...Oxidation; Photoinitiators; ...1.0898

TRACE ELEMENT ANALYSIS BY DIRECT DETERMINATION ON ION EXCHANGE RESINS ...Analysis and Detection; Ion Exchange; Salt Water; Water Quality -general; X-ray Spectroscopy; ...2.0554

APPLICATION OF MODERN ELECTROANALYTICAL TECHNIQUES TO THE ANALYSIS OF HEAVY METALS IN WATER ...Analysis and Detection; Electroanalyses; Mineralization; Trace Analysis; ...2.0557

ADSORPTION FROM AQUEOUS SOLUTION ...Adsorption; Fluid Mechanics; Fluidized Bed Reactor; Organic Matter; Organics; Waste Water Treatment -general; ...2.0914

OXYGENATION OF AQUEOUS BODIES USING LIQUID OXYGEN ...Aeration (water); Diffusion; Process Development; Waste Treatment Economics; ...2.0916

ADSORPTION OF ORGANIC COMPOUNDS ONTO SOLIDS FROM AQUEOUS SOLUTIONS ...Adsorption; Constants; Fluid Mechanics; Forecasting - Prediction; Model Studies; Organic Matter; Organics; ...2.0949

ENRICHMENT OF METALS IN SEAWATER BY FOAM PRODUCTION ...Bubbles; Foam; Marine Pollution; Sea Water Chemistry; Trace Elements; Water Chemistry; X-ray Spectroscopy; ...2.1043

GAMMA RADIATION OF TEXTILE WASTE WATER TO REDUCE POLLUTION ...Biochemical Oxygen Demand; Detergents -see Surfactants; Industrial Wastes; Radiolysis; Temperature; Textile Industry; Waste Water Treatment -general; ...2.1141

PARAMETRIC STUDY OF THE KINETICS OF PRECIPITATION AND NATURE OF THE PRECIPITATE OBTAINED IN PHOSPHATE REMOVAL USING IRON AND ALUMINUM SALT ...Precipitation; Tertiary Treatment; ...2.1173

AIR OXIDATION OF ORGANIC COMPOUNDS IN AQUEOUS SYSTEMS ...Air; Kinetics; Organics; Pressure; Temperature; Wet Oxidation; ...2.1204

ROTATIONAL STABILITY IN DILUTE POLYMER SOLUTIONS ...Fluid Mechanics; ...2.1210

THE CATALYTIC OXIDATION OF ORGANICS IN WASTE-WATER ...Catalysts; Chemical Industry; Chemical Treatment (water); Kinetics; Organic Matter; Oxidation; ...2.1211

COMPETITIVE ADSORPTION IN THE REMOVAL OF ORGANIC POLLUTANTS FROM AQUEOUS SOLUTION ...Adsorption; Model Studies; Organic Matter; Organics; Waste Water Treatment -general; Water Chemistry; ...2.1263

NON-AQUEOUS TREATMENTS TO IMPROVE FABRIC PROPERTIES AND REDUCE WATER POLLUTION ...Fabrication; Home Economics; Materials -properties; Textile Industry; Water Quality Control -general; ...2.1283

EFFECT OF SURFACTANT MICELLES ON METAL ION REMOVAL BY FLOTATION FROM METALLURGICAL WASTEWATER ...Flotation; Lead; Metal Processing Wastes; Surfactants -see Detergents; Ultrasonics; Zinc; ...2.1327

METHODS TO REDUCE WATER POLLUTION CAUSED BY STORM WATER SEWER LOADING BY USING FLUID FLOW FRICTION REDUCERS ...Electrochemistry; Groundwater; Pipe; Sewage - Domestic; ...2.1432

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific; Calorimetry; Degradation; Fungi -nonspecific; Industrial Wastes; Photolysis; Pulp and Paper Wastes; Thin Layer Chromatography; Waste Water Degradation; ...3.0284

TREATMENT AND DISPOSAL OF CONDENSATE WASTES FROM HIGH LEVEL WASTE SOLIDIFICATION PROCESSES ...Atomic Plants; Crystallization; Distillation; Fuel; Nuclear Reactors; Temperature Effects; Waste Management -see Specific; ...3.0339

MECHANISMS OF THE OXIDATIVE DEGRADATION OF PESTICIDE MALEIC-HYDRAZIDE ...Chemical Analysis; Environment Accumulation Rates; Isotope Tracer -see Tracers; Oxidation; Pesticide Action on Plants; Pesticide Residues; Thin Layer Chromatography; ...4.1068

HIGH TEMPERATURE STUDIES OF RADIOACTIVE FALLOUT PARTICLE FORMATION ...Diffusion; Fallout -see Radioactive; Furnaces and Incinerators; Mechanism Determination; Nuclear Detonations; Radiation; Rate of Reaction; ...5.0046

RADIOACTIVE FALLOUT FORMATION ...Condensation; Condensation Physics; Fallout -see Radioactive; Forecasting - Prediction; Radioactive Fallout Rate of Reaction; ...5.0047

FUNDAMENTAL STUDIES IN FALLOUT FORMATION PROCESSES ...Electrochemistry; Fission Products-see Radioact.; Plasmas; Radiotracers -see Tracers; ...5.0048

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Algae - Cyanophyta; Mechanism Determination; Photolysis; Pulse Radiolysis; Radiation Chemistry -biophys.; Radiation Sensitivity - man; Radiolysis; ...5.0223

THE ROLE OF STRUCTURE AND ENERGY (OR IONIZATION) TRANSFER IN RADIATION CHEMISTRY AND BIOLOGY ...Algae - Cyanophyta; Plants; Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0224

AFRRI RADIATION CHEMISTRY PROGRAM ...Cell Injury and Autolysis; Ionizing Radiation -see Rad.; Radiation Chemistry - biophys.; Radiation Injury Prevention; ...5.0242

RADIOLYSIS OF HETEROGENEOUS SYSTEMS ...Adsorption; Colloidal Phenomena; Conductrometry; Light Scattering Analysis; Radiation; Radiochemical Analysis; Spectrographic Techniques; ...5.0259

PULSE RADIOLYSIS IN RADIATION BIOLOGY ...Kinetics; Pulse Radiolysis, Radiation Chemistry -biophys.; Radiation Sources - general; ...5.0298

THE ACTIONS OF RADIATIONS ON SOME BIOLOGICAL MODEL SYSTEMS ...Ionizing Radiation -see Rad.; Mechanism Determination; Pulse Radiolysis; Radiation Chemistry -biophys.; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0327

RADICAL AND RADIATION CHEMISTRY OF SULFUR COMPOUNDS ...Cell Injury and Autolysis; Free Radical Reactions; Photolysis; Radiation Chemistry -biophys.; Radiolysis; ...5.0341

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Hydrogen; Isotope Tracer -see Tracers; Kinetics; Mass Spectroscopy; Polymerization; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0353

BIOENERGETIC MECHANISMS INVOLVING FREE RADICALS - RADIOMIMETIC MECHANISMS AND IRRADIATION STUDIES RELATED TO AGING ...Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiolysis; Spectrographic Techniques; ...5.0516

RADIATION CHEMISTRY, PHOTOCHEMISTRY AND EXCITED STATES OF A) OXYANIONS, B) D.N.A ...Free Radical Reactions; Mechanism Determination; Photochemical Reactions; Radiation Effects - Biological; Radiolysis; X and Gamma Rays; ...5.0576

PULSE RADIOLYSIS OF NUCLEIC ACID DERIVATIVES ...Detectors and Sensors; Ionizing Radiation -see Rad.; Mechanism Determination; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiolysis; ...5.0714

SPACE NUCLEAR SYSTEMS STUDIES ...Aerosols; Body Isotope Burden; Plutonium; Radiation Dose Studies-general; Radioactive Hazard; Space Medicine - Exobiology; Sus; ...5.0735

SPECIAL PROBLEMS IN NUCLEAR INSTRUMENTATION AND MEASUREMENT OF W IN GASES ...Alpha Particles; Ionization Chambers; Kinetic Isotope Effects; Plastics; Radiological Instruments; ...5.0838

INVESTIGATIONS OF THERMOLUMINESCENT RADIATION DOSIMETRY ...Chemical Dosimetry; Dosimetry; Instrumentation; Neutron -see Radiation; Photochromism; Thermoluminescent Detectors; ...5.0964

Kinetics

AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Combustion; Energy Conversion; Fuels; Mass Spectroscopy; Photochemical Reactions; Wall Effects; ...1.0009

KINETICS OF ASSOCIATION-DISSOCIATION REACTIONS ...Combustion; Flash; Propellants; Upper Atmospheric Chemistry; ...1.0020

NITROGEN-OXIDE KINETICS IN AUTO COMBUSTION EXHAUST ...Air Pollution Control Systems; Air Pollution-chemistry; Combustion; Engines; Nitrogen and Nitrogen Cpds.; ...1.0074

NON-EQUILIBRIUM EFFECTS IN AN INTERNAL COMBUSTION ENGINE ...Air Pollution-chemistry; Combustion; Engines; Nitrogen and Nitrogen Cpds.; ...1.0083

KINETICS OF SULFUR-OXIDE FORMATION IN FLAMES ...Air Pollution-chemistry; Combustion; Oxidation; Sulfur Dioxide Removal; Vacuum Techniques; ...1.0118

CHEMISTRY OF SULFUR IN HOT COMBUSTION GASES ...Adsorption; Air Pollution-chemistry; Catalysis, Heterogeneous; Chemical Mechanisms & Kinetics; Nitrogen and Nitrogen Cpds.; Oxidation; Temperature Effects; ...1.0164

COMBUSTION PROCESS ANALYSIS ...Combustion; Engine; Engines; Nitrogen and Nitrogen Cpds.; ...1.0166

REDUCTION OF NITRIC OXIDE BY GRAPHITE ...Adsorption; Air Pollution-chemistry; Combustion; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Reduction Reactions; ...1.0540

SO2 AND NOX REMOVALS FROM STACKS GASES BY CO ...Air Pollution-chemistry; Catalysis, Heterogeneous; Catalytic; Combustion; Nitrogen and Nitrogen Cpds.; ...1.0563

REVERSIBLE METAL COMPLEXES WITH AIR POLLUTANTS ...Absorption - Chemistry; Air Pollution-chemistry; Catalysts; Chelation & Complexing; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0597

GAS CLEANING PROCESS STUDIES ...Adsorption; Air Cleaning Devices; Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Nitrogen and Nitrogen Cpds.; Scrubbers; Waste Material Recovery; ...1.0602

SO2 WET SCRUBBING REACTION RESEARCH ...Adsorption; Mass Transfer; Scrubbers; Sulfur Dioxide Removal; ...1.0606

CONTROL OF COMBUSTION CHEMISTRY - KINETICS AND CATALYST ...Air Pollution-chemistry; Catalysts; Combustion; Combustion Air Pollution-gen; Fuels; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0607

ODOR FORMATION IN ALKALINE PULPING ...Air Pollution; Noise -see Noise; Odor; Proce... Development; Pulp and Paper Wastes; ...1.0657

ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF THE REACTION KINETICS OF MAJOR AIR POLLUTANTS ...Air Pollution; Chemical Mechanisms & Kinetics; Fuels; Shockwave; ...1.0885

ASPECTS OF CHEMICAL REACTIONS OF AIR POLLUTANTS ...Air Pollution-chemistry; Degradation; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; ...1.0900

MATRIX-ISOLATED SPECTRA OF NITROGEN OXIDES ...Air Pollution-chemistry; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Photolysis; Temperature Effects; ...1.0909

KINETIC STUDIES OF THE OXIDATIVE DEGRADATION OF DETERGENT, AND RELATED CHEMICAL SPECIES IN AQUEOUS SOLUTION ...Biodegradation; Chemical Degradation; Detergents -see Surfactants; Rate of Reaction; Waste Water Degradation; ...2.0171

PHYSICO-CHEMICAL PROCESSES AND IONIC STATES OF MICROCONSTITUENTS IN SEA WATER AND THEIR RELATION TO RADIOECOLOGY OF NORTH ADRIATIC ...Chelation & Complexing; Marine Environments; Mediterranean Sea; Radioactivity; Sea Water Chemistry; Water Chemistry; ...2.0460

RI - AN EVALUATION OF THE BOD TEST ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Primary Treatment; Secondary Treatment; Sedimentation; Sewage - Domestic; Tertiary Treatment; ...2.0830

ORTHOKINETIC FLOCCULATION OF HETERODISPERSED SYSTEMS ...Flocculation; Water Chemistry; Water Properties - general; ...2.0875

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Chemical Analysis -general; Fluid Mechanics; Ion Exchange; Isotope Tracer -see Tracers; Mechanism Determination; Reactors; Sand Filters; Utilization; ...2.0888

WATER QUALITY IMPROVEMENT - KINETICS AND MECHANISM OF THE CHLORINATION-DEGRADATION OF UREA AND URIC ACID ...Chlorination; Chlorine; Light Visible Specroscopy; Oxidation; Sterilants; Water Chemistry; ...2.0926

KINETICS OF BIOLOGICAL FILTERS ...Aerobic Waste Water Treatment; Cellular Model Systems; Mathematical Models; Microorganisms -nonspecific; Organics; Trickling Filters; ...2.0943

METAL ION-CATALYZED OXIDATION OF PHENOLS AND AROMATIC AMINES ...Catalysis, Homogeneous; Chelation & Complexing; Isotope Tracer -see Tracers; Mechanism Determination; Organics; Oxygen; ...2.1109

REMOVAL OF TRACE ORGANICS FROM WATER BY ADSORPTION ON COAL ...Adsorption; Coal; Fluidized Bed Reactor, Organics; Utilization; Waste Water Treatment -general; Water Chemistry; ...2.1120

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Algae -nonspecific; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Pilot Plants; Process Design; Turbidity (water); Waste Water Treatment -general; ...2.1170

AIR OXIDATION OF ORGANIC COMPOUNDS IN AQUEOUS SYSTEMS ...Air; Chemical Mechanisms & Kinetics; Organics; Pressure; Temperature; Wet Oxidation; ...2.1204

THE CATALYTIC OXIDATION OF ORGANICS IN WASTEWATER ...Catalysts; Chemical Industry; Chemical Treatment (water); Organic Matter; Oxidation; ...2.1211

RECLAMATION OF ENERGY FROM ORGANIC REFUSE ...Anaerobic Wastewater Treatment; Digestion; Fuels; Organic Matter; Sewage - Domestic; Waste Material Recovery; ...2.1261

A STUDY OF THE KINETICS OF THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Differential Equations; Nitrobacter; Waste Water Treatment -general; ...2.1372

KINETICS AND MECHANISMS IN ACTIVATED SLUDGE PROCESSES ...Activated Sludge; Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Process Design; Sewage Bacteria; Waste Water Treatment -general; ...2.1386

PHOSPHATE EXCHANGE WITH SEDIMENTS ...Analysis and Detection; Chemical Water Properties; Eutrophication; Sedimentation; Water Quality Control -general; ...2.1582

PULP INDUSTRY POLLUTION ABATEMENT THROUGH PROCESS MODIFICATION ...Chemical Treatment (water); Forest Industry; Process Design; Pulp and Paper Wastes; Recycle Water; ...3.0254

PHOSPHATE REMOVAL BY ACTIVATED SLUDGE PROCESS APPLICATION - PLANT SCALE DEMONSTRATION ...Activated Sludge; Mechanism Determination; Recycle Water; Waste Water Treatment -general; ...3.0269

SCRAP AND RECYCLE RESEARCH ...Automotive Application; Electrical, Electronic Mtl.; Mechanism Determination; Oxidation; Photography; ...3.0382

SUPPORTING RESEARCH FOR IN SITU RESEARCH ...Mechanism Determination; Oxidation; Petroleum Research; Photochemical Reactions; ...3.0409

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

MECHANISM OF ADSORPTION OF VARIOUS HERBICIDES BY SOIL HUMIC SUBSTANCES ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil Amendments; Soil Chemical Properties; ...4.0171

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

CHEMICAL REACTIONS INDUCED BY ULTRAVIOLET AND IONIZING RADIATION ...Mechanism Determination; Nuclear Radiation; Photochemical Reactions; Radiation; Radiolysis; ...5.0017

RADIATION INDUCED FREE RADICALS AND RADICAL PAIRS ...Electromagnetic Radiation; Light-catalyzed; Nuclear Radiation; Radiation Induced Chem. React., Temperature Effects; ...5.0253

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Hydrogen; Isotope Tracer -see Tracers; Mass Spectroscopy; Polymerization; Radiation Induced Chem. React., Ultra Violet Radiation; ...5.0353

Rapid Reactions

INTERDISCIPLINARY STUDIES - QUANTUM ELECTRONICS IN LIFE SCIENCES ...Industrial Pollution -general; Lasers and Masers; Photosynthesis; Reactors; ...**1.0348**

ENTHALPIMETRIC ANALYSIS ...Air Pollution-chemistry; Catalysis, Homogeneous; Chemical Mechanisms & Kinetics; Functions and Properties; Precipitation; Substitution; ...**1.0639**

TECHNIQUES FOR IMPROVING THE AMOUNT AND EFFICIENCY OF OXYGEN INCORPORATION INTO RAPID-RATE BIOLOGICAL WASTE TREATMENT SYSTEMS ...Activated Sludge; Oxidation; Sewage Bacteria; Waste Treatment; Waste Treatment Economics; ...**3.0087**

DISPLACEMENT REACTIONS OF ANTI-RADIATION DRUGS ...Displacement; ..adiation; Radiation Injury Prevention; ...**5.0842**

Rate of Reaction

CHARACTERIZATION OF SMOKE FROM CELLULOSIC FUELS ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Controlled Atmosphere; Fire Research -see Forest Fire; Fuels; Pyrolysis; ...**1.0015**

ATOMIC REACTION KINETICS ...Air Pollution-chemistry; Combustion; Mass Spectroscopy; Oxidation; ...**1.0035**

CHEMICAL COMPOSITION OF POLLUTED AIR ...Air Pollution Analysis; Air Pollution-chemistry; Cars, Chemical Analysis - general; Energy Storage -general; Industrial Wastes; Temperature; ...**1.0038**

KINETICS OF NO AND CO FORMATION IN COMBUSTION GASES ...Air Pollution-chemistry; Cars; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; Turbines; ...**1.0060**

SULFUR DIOXIDE OXIDATION ...Air Pollution-chemistry; Catalytic; Gases; Mechanism Determination; ...**1.0088**

CHARACTERISTICS AND PHOTOCHEMICAL REACTIVITY OF FUEL COMPONENTS AND COMBUSTION PRODUCTS ...Air Pollution-chemistry; Combustion; Gas Chromatography; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; ...**1.0127**

KINETICS OF NITRIC OXIDE AT HIGH TEMPERATURES ...Air Pollution-chemistry; Combustion; Degradation; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Temperature; ...**1.0130**

KINETICS OF NITROGEN-OXIDE AUTOMOTIVE POLLUTION ...Air Pollution-chemistry; Combustion; Degradation; Engine; Engines; Fuels; Nitrogen and Nitrogen Cpds.; ...**1.0163**

AIR POLLUTION CONTROL BY CATALYSIS ...Air Pollution-chemistry; Catalysts; Combustion; Fuels; Oxidation; Reduction Reactions; ...**1.0535**

SULFATION KINETICS IN SO2 ABSORPTION FROM FLUE GAS ...Absorption - Chemistry; Air Pollution-chemistry; Costs - see Economics Entries; Furnaces; Sulfur Dioxide Removal; ...**1.0536**

REDUCTION OF NITRIC OXIDE BY GRAPHITE ...Adsorption; Air Pollution-chemistry; Combustion; Kinetics; Nitrogen and Nitrogen Cpds.; Reduction Reactions; ...**1.0540**

ADSORPTION RATE STUDIES - AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Gases; Packed Bed Reactor; Sulfur Dioxide Removal; ...**1.0569**

ALKALINE ADDITIVES FOR SULFUR DIOXIDE CONTROL ...Adsorption; Scrubbers; Sulfur Dioxide Removal; ...**1.0600**

ODOR CONTROL RESEARCH - COMPLETE KINETICS STUDY AND INITIATE SCRUBBER DEVELOPMENT ...Costs -see Economics Entries; Industrial Wastes; Mass Transfer; Odor; Pilot Plants; Scrubbers; ...**1.0608**

APPLIED SCRUBBER RESEARCH FOR CONTROL OF SOX AND NOX ...Adsorption; Mass Transfer; Nitrogen and Nitrogen Cpds.; Pilot Plants; Scrubbers; Sulfur Dioxide Removal; Waste Material Recovery; ...**1.0609**

SOME TRANSITION METAL CHEMISTRY AND STRUCTURES OF COMPLEXES INVOLVING TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Chelation & Complexing; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Ultraviolet Spectroscopy; ...**1.0619**

A NEW INSTRUMENT FOR KINETIC STUDIES OF AIR POLLUTION ...Air Pollution Monitoring; Air Pollution-chemistry; Analytical Instruments; Atmospheric Dynamics; Photoionization; Trace Analysis; ...**1.0672**

CONTROLLED CONVERSION OF GASES INTO DETECTABLE PARTICLES ...Air Pollution Analysis; Chemical Analysis - general; Gases; Particulates - Air Pollution; ...**1.0741**

PHOTOCHEMISTRY OF SUBSTANCES PRESENT IN URBAN AIR ...Air Pollution-chemistry; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Spectrographic Techniques; Urban Research -general; ...**1.0862**

CATALYTIC REDUCTION OF OXIDES OF NITROGEN ...Air Pollution-chemistry; Catalysis, Heterogeneous; Catalytic; Nitrogen and Nitrogen Cpds.; ...**1.0863**

PHOTOLYTIC OXIDATION IN THE PRESENCE OF NO2 ...Air Poulution-chemistry, Light-catalyzed; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Oxidation; Photolysis; Urban Research -general; ...**1.0864**

SINGLET MOLECULAR OXYGEN - OXIDATION IN POLLUTED AIR ...Air Pollution -see Specifics; Atmospheric Dynamics; Detectors and Sensors; Infrared Spectroscopy; Photosensitizer; Spectrographic Techniques; ...**1.0870**

TRACER STUDIES IN AIR POLLUTION - SULFUR DIOXIDE ...Aerosols; Catalysis, Heterogeneous; Energy Conversion; Isotope Tracer -see Tracers; Nitrogen and Nitrogen Cpds.; ...**1.0875**

STUDIES OF O ATOM REACTIONS OF ATMOSPHERIC IMPORTANCE ...Air Pollution-chemistry; Gas Chromatography; Mass Spectroscopy; Mechanism Determination; Oxidation; Spectrographic Techniques; ...**1.0876**

STUDY OF THE EFFECT OF CARBON MONOXIDE ON THE RATE OF PHOTOOXIDATION OF HYDROCARBONS IN THE PRESENCE OF ULTRAVIOLET LIGHT & OXIDES OF NITROGEN ...Air Pollution-chemistry; Impurity; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Oxidation; ...**1.0901**

EVALUATION OF THE EFFECTS OF SO2 AND NO ON THE PHOTOCHEMICAL REACTIVITY OF AIR PARCELS OF THE N.Y.C. - N.J. AREA ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidants; Photochemical Reactions; ...**1.0902**

MEASURE AND COMPARE REACTIVITIES AND COMPOSITION OF AIR PARCELS FROM BAYONNE, LINDEN, WILLOWBROOK, AND BRONX (ABBREV) ...Air Pollution Sampling; Constants; New Jersey; Nitrogen and Nitrogen Cpds.; ...**1.0903**

ELEMENTARY REACTIONS IN POLLUTED ATMOSPHERES ...Air Pollution-chemistry; Degradation; Free Radical Reactions; Mechanism Determination; Oxidation; Photochemical Reactions; Photolysis; ...**1.0905**

ELEMENTARY REACTIONS IN PHOTOCHEMICAL SMOG ...Air Poliution-chemistry; Atmospheric Dynamics; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Smog; ...**1.0907**

MECHANISMS OF PHOTOCHEMICALLY INITIATED OXIDATION ...Air Pollution-chemistry; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Oxidation, Photochemical Reactions; ...**1.0908**

THE KINETICS OF GAS-SOLID SURFACE REACTIONS AT ELEVATED TEMPERATURES ...Corrosion, Deterioration; Mechanism Determination; Temperature Effects; ...**1.0911**

CONVERSION OF NO TO NO2 IN POLLUTED ATMOSPHERES ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions, Photolysis; Quantum Yield; Urban Research -general; ...**1.0912**

THE REACTION OF O(1D) ATOMS WITH WATER VAPOR ...Air Pollution-chemistry; Degradation; Photolysis; ...**1.0916**

KINETIC STUDIES OF THE OXIDATIVE DEGRADATION OF DETERGENT, AND RELATED CHEMICAL SPECIES IN AQUEOUS SOLUTION ...Biodegradation; Chemical Degradation; Detergents -see Surfactants; Kinetics; Waste Water Degradation; ...**2.0171**

THE EFFECT OF CHLORINATION ON TREATED ORGANIC CHEMICALS ...Chemical Manufacturing Wastes; Chlorination; Degradation; Disinfection; Organics; Waste Water Degradation; ...**2.0919**

DETERMINATION OF BIODEGRADATION RATES IN SOME POLLUTED TROPICAL WATERS AND IN SOME TYPES OF LIQUID WASTES COMMON IN PUERTO RICO ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Puerto Rico; Salinity (water); Total Organic Carbon; Tropical Regions; Waste Water Degradation; ...**2.1409**

CHLORINATION OF SEWAGE EFFLUENTS ...Bacteria; Chlorination; Chlorine; Effluent-standards; ...**3.0129**

MICROBIOLOGY OF ANAEROBIC SLUDGE ...Anaerobic Bacteria; Bacterial Population Surveys; Fermentation; Methane Bacteria -nonspecific; Waste Water Treatment -general; ...**3.0251**

BIOLOGICAL TREATMENT OF SPENT VEGETABLE TANNINS ...Color (water); Industrial Wastes; Oxidation; Tannery Wastes; Waste Water Treatment -general; ...**3.0343**

ENHANCED CELLULASE PRODUCTION BY MUTATION ...Biodegradation-see Degradation; Catalysts; Costs -see Economics Entries; Industrial Wastes; Mutagenesis -nonspecific; Plant Waste Removal, Treatment; Product Development Research; ...**3.0381**

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticide Absorption Rates; Pesticides -nonspecific; Soil Chemical Properties; Soil Profile; Surfactants - Wetting Agents; Tension and Measurement; ...4.0094

HIGH TEMPERATURE STUDIES OF RADIOACTIVE FALLOUT PARTICLE FORMATION ...Chemical Mechanisms & Kinetics; Diffusion; Fallout -see Radioactive; Furnaces and Incinerators; Mechanism Determination; Nuclear Detonations; Radiation; ...5.0046

RADIOACTIVE FALLOUT FORMATION ...Chemical Mechanisms & Kinetics; Condensation; Condensation Physics; Fallout -see Radioactive; Forecasting - Prediction; Radioactive Fallout; ...5.0047

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Mechanism Determination; Photolysis; Pulse Radiolysis; Radiation Chemistry - biophys.; Radiation Sensitivity -man; Radiolysis; ...5.0223

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION ...Carbon; Cellular Biosynthesis; Cellular Metabolism - Controls; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0687

Mechanism: Determination

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Air Pollution-chemistry; Combustion; Effects; Oxidants; Photochemical Reactions; Solar Radiation -sunshine; ...1.0006

SULFUR DIOXIDE OXIDATION ...Air Pollution-chemistry; Catalytic; Gases; Rate of Reaction; ...1.0088

CHARACTERISTICS AND PHOTOCHEMICAL REACTIVITY OF FUEL COMPONENTS AND COMBUSTION PRODUCTS ...Air Pollution-chemistry; Combustion; Gas Chromatography; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Rate of Reaction; ...1.0127

KINETICS OF NITRIC OXIDE AT HIGH TEMPERATURES ...Air Pollution-chemistry; Combustion; Degradation; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Temperature; ...1.0130

BASIC STUDY OF AIR POLLUTION WET-SCRUBBERS ...Absorption - Chemistry; Chemical Mechanisms & Kinetics; Energy Conversion; Foam; Particulate Matter - Air Poll.; Washing; ...1.0538

REDUCTION OF ATMOSPHERIC POLLUTION BY THE APPLICATION OF FLUIDIZED-BED COMBUSTION ...Coal; Combustion Air Pollution-gen; Gases; Oil and Natural Gas - Sulfur; ...1.0550

STUDY OF MECHANISM FOR INCREASING THE SOLUBILITY/HYDRATION OF LIME/LIMESTONE IN THE WET SCRUBBING SYSTEM FOR SOX CONTROL ...Scrubbers; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0556

FUNDAMENTALS OF AIR CLEANING BY SORPTION PROCESSES ...Adsorption; Air Cleaning Devices; Air Pollution chemistry; Heat Transmission; Infrared Spectroscopy; Spectrographic Techniques; ...1.0596

MOLECULAR-BEAM SAMPLING FROM CYCLING-PRESSURE SOURCES ...Combustion; Engine; Engines; Spark Ignition; ...1.0673

PHOTOCHEMISTRY OF SUBSTANCES PRESENT IN URBAN AIR ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Rate of Reaction; Spectrographic Techniques; Urban Research -general; ...1.0862

PHOTOLYTIC OXIDATION IN THE PRESENCE OF NO2 ...Air Pollution-chemistry; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Oxidation; Photolysis; Rate of Reaction; Urban Research - general; ...1.0864

STUDIES OF O ATOM REACTIONS OF ATMOSPHERIC IMPORTANCE ...Air Pollution-chemistry; Gas Chromatography; Mass Spectroscopy; Oxidation; Rate of Reaction; Spectrographic Techniques; ...1.0876

CHEMISTRY AND PROPERTIES OF OZONIDES ...Air Pollution - see Specifics; Catalysis, Homogeneous; Hydrolysis, Esterification; Ozonization; Reduction Reactions; Thermochemistry -biophysics; ...1.0880

PHOTOSENSITIZED OXYGENATIONS ...Air Pollution -see Specifics; Isotope Effects; Photoactivation and React; Pollution Effects -see Water; Vertebrates -nonspecific; ...1.0889

THE RELATION BETWEEN IONIC AND RADICAL BOND CLEAVAGE ...Cycloaddition; Free Radical Reactions; Kinetic Isotope Effects; Oxidation; ...1.0891

ELEMENTARY REACTIONS IN POLLUTED ATMOSPHERES ...Air Pollution-chemistry; Degradation; Free Radical Reactions; Oxidation; Photochemical Reactions; Photolysis; Rate of Reaction; ...1.0905

MECHANISMS OF PHOTOCHEMICALLY INITIATED OXIDATION ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Rate of Reaction; ...1.0908

THE KINETICS OF GAS-SOLID SURFACE REACTIONS AT ELEVATED TEMPERATURES ...Corrosion, Deterioration; Rate of Reaction; Temperature Effects; ...1.0911

A PRELIMINARY INVESTIGATION OF THE ROLE OF SEDIMENTS IN EUTROPHICATION ...Chemical Water Properties; Isotope Tracer -see Tracers; Phosphorus and Phosphorus Cpds; Sediments; ...2.0578

STUDY OF MICROBIOLOGICAL-BIOCHEMICAL PHOSPHATE SORPTION MECHANISM BY ACTIVATED SLUDGE ...Absorption - Chemistry; Activated; Bacterial Identification; Cell Membrane Permeability; Recycle Water; Sewage Bacteria; ...2.0737

EVALUATION OF PYRITIC OXIDATION BY NUCLEAR METHODS ...Acid Mine Drainage; Autotrophic Bacteria; Cellular Catabolism-see Degrad; Oxidation; ...2.0758

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes; Pesticides -see Pesticide; Wisconsin; ...2.0858

PHYSICAL-CHEMICAL PHENOMENA ASSOCIATED WITH ORGANO-COLLOIDAL SURFACE INTERACTIONS ...Adsorption; Calorimetry; Colloidal Phenomena; Degradation -see Pesticide Deg; Organic Matter; Spectrographic Techniques; Water Chemistry; Xray Diffraction; ...2.0886

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Chemical Analysis -general; Fluid Mechanics; Ion Exchange; Isotope Tracer -see Tracers; Reactors; Sand Filters; Utilization; ...2.0888

THE REMOVAL OF EXCESS NITRATES AND NITRITES FROM POLLUTED WATER ...Chemical Regeneration; Chemical Treatment (water); Ion Exchange; Marketing; Polymerization; Water Chemistry; ...2.0898

WATER QUALITY IMPROVEMENT - KINETICS AND MECHANISM OF THE CHLORINATION-DEGRADATION OF UREA AND URIC ACID ...Chlorination; Chlorine; Light Visible Specroscopy; Oxidation; Sterilants; Water Chemistry; ...2.0926

METAL ION-CATALYZED OXIDATION OF PHENOLS AND AROMATIC AMINES ...Catalysis, Homogeneous; Chelation & Complexing; Isotope Tracer -see Tracers; Organics; Oxygen; ...2.1109

THE CATALYTIC OXIDATION OF ORGANICS IN WASTEWATER ...Catalysts; Chemical Industry; Chemical Treatment (water); Kinetics; Organic Matter; Oxidation; ...2.1211

MECHANISMS OF SLUDGE THICKENING ...Activated Sludge; Solid Waste; Thickening; Waste Treatment; ...2.1256

REMOVAL OF PHOSPHATE FROM WASTE WATER BY ALUMINUM AND IRON ...Precipitation; Waste Water Treatment - general; ...2.1336

PRECIPITATION OF PHOSPHATES FROM WATER WITH FERROUS SALTS ...Biochemical Oxygen Demand; Chemical Treatment -general; Flotation; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1377

THE ECOLOGY OF THE MICROBIAL POPULATION OF ACTIVATED SLUDGE ...Activated; Degradation -see Pesticide Deg; Toxic Substances; Waste Management -see Specific; ...3.0021

PHOSPHATE REMOVAL BY ACTIVATED SLUDGE PROCESS APPLICATION - PLANT SCALE DEMONSTRATION ...Activated Sludge; Kinetics; Recycle Water; Waste Water Treatment -general; ...3.0269

RESEARCH INITIATION-PHYSIOLOGICAL AND STRUCTURAL STUDIES OF SPHAEROTILUS NATANS IN RELATION TO THE BULKING OF ACTIVATED SLUDGE ...Activated Sludge; Bacterial Morphology; Chemical Analysis (water); Isotope Tracer -see Tracers; Microscopy; Sphaerotilus; ...3.0271

SCRAP AND RECYCLE RESEARCH ...Automotive Application; Electrical, Electronic Mtl.; Oxidation; Photography; ...3.0382

SUPPORTING RESEARCH FOR IN SITU RESEARCH ...Kinetics; Oxidation; Petroleum Research; Photochemical Reactions; ...3.0409

BEHAVIOR OF DILUTE SOLUTIONS OF MERCURIC SALTS ...Catalysts; Mercury; Oxidation; Reduction Reactions; Thermodynamics -biophysics; Toxicology; Water Pollution Sources; ...4.0779

ENZYMIC MECHANISMS OF INSECTICIDE METABOLISM ...Animal; Catalysts; Organophosphorous Cpds.; Pesticide Action on Animals; Rabbits; Radioisotopes -nonspecific; ...4.0853

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Animal; Furadan; Muridae; Pesticide Residues Removal; Plant; Residues in Foods; ...4.0932

INDUCED PHOTOLYSIS OF ORGANIC HALIDES PATHWAYS FOR PHOTODECOMPOSITION OF DDT ...DDT; Photolysis; Physical Degradation; ...4.1010

CHEMICAL REACTIONS INDUCED BY ULTRAVIOLET AND IONIZING RADIATION ...Kinetics; Nuclear Radiation; Photochemical Reactions; Radiation; Radiolysis; ...5.0017

HIGH TEMPERATURE STUDIES OF RADIOACTIVE FALLOUT PARTICLE FORMATION ...Chemical Mechanisms & Kinetics; Diffusion; Fallout -see Radioactive; Furnaces and Incinerators; Nuclear Detonations; Radiation; Rate of Reaction, ...5.0046

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Photolysis; Pulse Radiolysis; Radiation Chemistry -biophys.; Radiation Sensitivity - man; Radiolysis; ...5.0223

THE ACTIONS OF RADIATIONS ON SOME BIOLOGICAL MODEL SYSTEMS ...Chemical Mechanisms & Kinetics; Ionizing Radiation -see Rad.; Pulse Radiolysis; Radiation Chemistry - biophys.; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0327

RADICAL AND RADIATION CHEMISTRY OF SULFUR COMPOUNDS ...Cell Injury and Autolysis; Free Radical Reactions; Photolysis; Radiation Chemistry -biophys.; Radiolysis; ...5.0341

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Hydrogen; Isotope Tracer -see Tracers; Kinetics; Mass Spectroscopy; Polymerization; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0353

DERMATOLOGIC REACTIONS INDUCED BY SOLAR RADIATION ...Burns; Cellular Repair Mechanisms; Light-catalyzed; Radiation Injury Prevention; Radiation Sources -general; Ultra Violet Radiation; ...5.0381

RADIATION CHEMISTRY, PHOTOCHEMISTRY AND EXCITED STATES OF A) OXYANIONS, B) D.N.A ...Chemical Mechanisms & Kinetics; Free Radical Reactions; Photochemical Reactions; Radiation Effects - Biological; Radiolysis; X and Gamma Rays; ...5.0576

RADIATION CHEMISTRY AND RADIOBIOLOGY OF MEDIUM EFFECTS ...Aldehydes -nonspecific; Gas Chromatography; Microorganisms; Radiation; Radiation Dose Studies-general; Radiolysis; Thin Layer Chromatography, ...5.0590

PULSE RADIOLYSIS OF NUCLEIC ACID DERIVATIVES ...Chemical Mechanisms & Kinetics; Detectors and Sensors; Ionizing Radiation -see Rad.; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiolysis; ...5.0714

Chemical Oxygen Demand

TOTAL ORGANIC CARBON AS A POLLUTION CONTROL PARAMETER IN SUB-ARCTIC WATERS ...Alaska; Organic Matter; Polar Regions; Water Pollutant Identification; ...2.0007

POLLUTION POTENTIAL OF RUNOFF FROM LIVESTOCK FEEDING OPERATIONS ...Agricultural Runoff; Biochemical Oxygen Demand; Coliforms -nonspecific; Livestock -nonspecific; Precipitation; South Dakota; ...2.0361

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages; Rainfall - Runoff Relationship; Storm Sewer Quantity, Urban Environment; Water Quality -general; ...2.0385

RI - AN EVALUATION OF THE BOD TEST ...Biochemical Oxygen Demand; Kinetics; Primary Treatment; Secondary Treatment; Sedimentation; Sewage - Domestic; Tertiary Treatment; ...2.0830

PHOTOCHEMICAL METHODS FOR PURIFYING WATER ...Effluents - Waste Water; Pesticide Residues Removal; Pesticides - nonspecific; Photolysis; Pilot Plants; Washington; ...2.0877

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY REVERSE OSMOSIS ...Carbon Filters; Effluents - Waste Water; Fouling; Reverse Osmosis; Tertiary Treatment; ...2.0879

REUSE OF PLANT EFFLUENT AND COOLING WATER BLOWDOWN AS PROCESS WATER ...Activated; Biochemical Oxygen Demand; Digestion; Pond; Sewer Systems; Water Reuse; ...2.0924

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

EFFECTS OF CONTAMINANTS ON REAERATION ...Aeration (water); Illinois River; Management (water); Turbidity (water); Water Purification; ...2.1009

GAMMA RADIATION OF TEXTILE WASTE WATER TO REDUCE POLLUTION ...Biochemical Oxygen Demand; Chemical Mechanisms & Kinetics; Detergents -see Surfactants; Industrial Wastes; Radiolysis; Temperature; Textile Industry; Waste Water Treatment -general; ...2.1141

ADVANCED WASTEWATER TREATMENT USING POWDERED ACTIVATED CARBON IN RECIRCULATING SLURRY CONTACTOR-CLARIFIERS ...Activated Sludge; Adsorption; Bench Scale; Coagulation; Tertiary Treatment; Waste Water Treatment -general; ...2.1153

DRY CAUSTIC PEELING OF TREE FRUIT TO REDUCE LIQUID WASTE VOLUME AND STRENGTH ...Food Processing Industries; Industrial Wastes; Lye; ...2.1166

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Farm Animal Wastes; Food Processing Industries; Plant Waste Removal, Treatment; Solid Waste; Water Costs; Water Resources Development; ...2.1213

ARMOUR INDUSTRIAL CHEMICAL SECONDARY WASTE-WATER TREATMENT ...Aerobic Waste Water Treatment; Chemical Industry; Food Processing Industries; Local Government; Pilot Plants; Water Pollution see Specifics; ...2.1243

NUTRIENT REMOVAL IN A WATER TREATMENT PLANT ...Biochemical Oxygen Demand; Coagulation; Flocculation; Nutrients; Sand Filters; ...2.1252

BIOMASS PRODUCTION FOR THE IMPROVEMENT OF THE QUALITY OF FOOD PROCESSING PLANT EFFLUENTS ...Biochemical Oxygen Demand; Farm Animal Wastes; Industrial Wastes; Nitrogen and Nitrogen Cpds.; Waste Water Treatment - general; ...2.1260

BIOLOGICAL TREATMENT OF BEEF ANIMAL WASTES TO REDUCE WATER POLLUTION ...Aeration (water); Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Oxidation; ...2.1278

CHARACTERIZATION OF FOOD PROCESSING WASTE-WATERS ...Biochemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Food Processing Wastes; Industrial Wastes; Northwest U. S.; Plant Waste Removal, Treatment; ...2.1388

DETERMINATION OF BIODEGRADATION RATES IN SOME POLLUTED TROPICAL WATERS AND IN SOME TYPES OF LIQUID WASTES COMMON IN PUERTO RICO ...Biochemical Oxygen Demand; Puerto Rico; Rate of Reaction; Salinity (water); Total Organic Carbon; Tropical Regions; Waste Water Degradation; ...2.1409

TERTIARY TREATMENT BY COUNTER-CURRENT CARBON FILTRATION ...Biochemical Oxygen Demand; Pilot Plants; Sewage Treatment Plant; Total Organic Carbon; ...2.1427

RESEARCH AND REFERENCE TO SEWAGE EFFLUENT PONDS ...Activated Sludge; Biochemical Oxygen Demand; Linings - Pavings; Pond; Waste Water Treatment -general; ...2.1457

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Tillage, Cropping System; Waste Water Treatment - general; Water Pollution Effects; ...2.1665

RECOVERY OF AMINO ACIDS FROM POTATO STARCH FACTORY SECONDARY WASTES ...Biochemical Oxygen Demand; Ion Exchange; Process Development; Product Development Research, Solanum; Water Quality Control -general; ...3.0041

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY GRANULAR ACTIVATED CARBON ...Organics; Process Design; Sewage - Domestic; Tertiary Treatment; Waste Treatment Economics; Waste Water Treatment -general; ...3.0075

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Bos; Chlorine; Contamination - Soil; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Soil Moisture; Zea Mays - Field Corn; ...3.0097

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Biochemical Oxygen Demand; Environment Resistance-animals; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage Lagoons; Space Requirements; Taste & Odor of Water; ...3.0132

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Farm Animal Wastes; Lagoon; Noise -see Noise; Recycle Water; Sus; ...3.0145

OXYGEN TRANSFER IN CONCENTRATED MICROBIAL SYSTEMS ...Industrial Wastes; Mathematical Models; Waste Management -see Specific; Waste Water Degradation; ...3.0250

CATTLE FEEDLOT PEN DESIGN ...Biochemical Oxygen Demand; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sludge; Water Quality Control -general; ...3.0273

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

AEROBIC AND ANAEROBIC BIODEGRADATION OF DETERGENTS ...Aerobic Bacteria; Anaerobic Bacteria; Analysis and Detection; Home Economics; Product Development Research; ...4.1106

Chemical Treatment (water)

TESTING METHODS FOR EVALUATION OF BOTH EFFECTIVENESS AND TOXICITY TO AQUATIC LIFE OF VARIOUS TREATING MATERIALS ...Adsorption; Degradation -see Pesticide Deg; Oil Removal; Pesticide Toxicity -general; Physiological Effects; Surfactants -see Detergents; ...2.0845

PHOTOCHEMICAL METHODS FOR PURIFYING WATER ...Chemical Oxygen Demand; Effluents - Waste Water; Pesticide Residues Removal; Pesticides -nonspecific; Photolysis; Pilot Plants; Washington; ...2.0877

EFFECTIVENESS OF IODINE FOR DISINFECTION OF PUBLIC WATER SUPPLIES & TO DETERMINE PHYSIOLOGICAL EFFECTS ON A HUMAN POPULATION ...Iodine; Physiological Effects; Residues in Potable Water; Water Pollution -see Specifics; ...2.0884

THE REMOVAL OF EXCESS NITRATES AND NITRITES FROM POLLUTED WATER ...Chemical Regeneration; Ion Exchange; Marketing; Mechanism Determination; Polymerization; Water Chemistry; ...2.0898

LIVESTOCK FARMSTEAD WATER SYSTEMS ...Farm Structures & Design; Flow Characteristics (water); Mathematical Models; Pumps; Water Distribution Systems; Water Utilization -general; ...2.0901

EFFECTS OF INTERACTIONS OF CHEMICALS FOR WATER TREATMENT ...Bacterial Pollutant Sources; Chemical Water Properties; Chlorine; Organic Water Properties; Potable Water; Turbidity (water); ...2.0908

EVALUATION OF FIELD WATER PURIFICATION SYSTEMS ...Field Water Purification; Potable Water; ...2.0925

STUDIES CONCERNING THE EFFECTIVENESS, STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Biochemical Analysis - Tissues; Disinfectants & Antiseptics Ns; Field Water Purification; Pesticide Evaluation; Sanitation; Viral Pollutant Sources; ...2.0929

DESTRUCTION OF INFECTIOUS VIRAL NUCLEIC ACID BY IODINE ...Food Contamination; Iodine; Phenols; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.0930

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacterial Pollutant Sources; Coliforms -nonspecific; Filtration; Foreign Agriculture; Hydrolysis, Esterification; Pilot Plants; Recharge (water); Sediments; Turbidity (water); ...2.1023

PHOTOSYNTHETIC REAERATION IN THE UPPER PASSAIC RIVER ...Aeration (water); New Jersey; Oxygen Content (water); Photosynthesis; Streams & Rivers; Water Purification; ...2.1056

CONCENTRATION OF SUGAR BEET WASTES FOR ECONOMIC TREATMENT WITH BIOLOGICAL SYSTEMS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Effluent-standards; Precipitation; Waste Treatment Economics; ...2.1199

COMBINED COOLING AND BIO-TREATMENT OF BEET-SUGAR FACTORY CONDENSER WATER EFFLUENT ...Condensers; Food Processing Industries; Industrial Wastes; Organic Matter; Sugar Refining Wastes; Thermal Pollution; Waste Water Degradation; ...2.1201

THE CATALYTIC OXIDATION OF ORGANICS IN WASTE-WATER ...Catalysts; Chemical Industry; Kinetics; Organic Matter; Oxidation; ...2.1211

PRODUCTION OF WATER AND WASTEWATER TREATMENT EQUIPMENT ...Digestion; Disposal; Filtration; ...2.1220

METAL REMOVAL/RECOVERY FROM POLLUTED WATER BY COMPLEXATION WITH LINEAR POLYELECTROLYTES ...Chelation & Complexing; Desalination; Industrial Wastes; Plastics; Waste Material Recovery; Zinc; ...2.1352

PRECIPITATION OF PHOSPHATES FROM WATER WITH FERROUS SALTS ...Biochemical Oxygen Demand; Chemical Treatment -general; Flotation; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1377

MARKETS TO 1980 FOR WASTE WATER TREATMENT AND RENOVATION FACILITIES ...Economic Impact; Forecasting - Prediction; Marketing; Waste Water Treatment -general; ...2.1795

CHEMICAL AND PHYSICAL TREATMENTS OF CATTLE EXCRETA FOR REDUCING ENVIRONMENTAL POLLUTION ...Animal Wastes - Feed Lots; Farm Animal Wastes; Feces; Product Development Research; Waste Water Treatment - general; ...3.0161

REMOVAL OF PHOSPHATE FROM WATER BY ALUMINUM AND IRON ...Adsorption; Coagulation; Diffraction; Precipitation; Sewage; Water Chemistry; Water Pollution Sources; ...3.0218

PULP INDUSTRY POLLUTION ABATEMENT THROUGH PROCESS MODIFICATION ...Forest Industry; Kinetics; Process Design; Pulp and Paper Wastes; Recycle Water; ...3.0254

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

Chemical Treatment -general

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Activated Sludge; Environmental Hazards; Groundwater; Landfill; Precipitation; Sanitary Sewage Quantity; Sewage Lagoons; Trickling Filters; ...2.0442

REMOVAL OF ORGANIC AND EUTROPHYING POLLUTANTS BY COMBINED CHEMICAL AND BIOLOGICAL TREATMENT ...Biological Treatment-general; Denitrification -see Nitrogen; Eutrophication; Nitrogen and Nitrogen Cpds.; Organics; Sewage - Domestic; Waste Management -see Specific; ...2.1268

EVALUATION OF CURRENT TECHNIQUES OF NUTRIENT REMOVAL FROM WASTE WATERS ...Biological Treatment-general; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Waste Treatment Economics; ...2.1318

PRECIPITATION OF PHOSPHATES FROM WATER WITH FERROUS SALTS ...Biochemical Oxygen Demand; Flotation; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1377

CHEMICAL TREATMENT OF ACID MINE DRAINAGE ...Acid Mine Drainage; Acid Mine Wastes; Mining Industry; ...2.1396

MICROBIOLOGICAL CHARACTERIZATION OF ACTIVATED SLUDGE IN A WASTEWATER TREATMENT PLANT CHEMICALLY MODIFIED FOR PHOSPHORUS REMOVAL ...Activated Sludge; Bacterial Identification; Cellular Physiology- Env. Eff.; Organics; Phosphorus and Phosphorus Cpds; ...2.1405

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT Aerobic Bacteria; Anaerobic Bacteria; Color; Disinfection; Farm Animal Wastes; Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment -general; ...3.0168

Chemical Warfare

STANDARD MONITORING SECTIONS A-6 AND A-7 CRUISE AND AIGIST 1970 NERVE GAS DUMP SITE SURVEY ...Atlantic Ocean; Depth; Environmental Hazards; Marine Pollution; Ocean Currents; Salinity; Temperature; ...2.0536

Chemical Water Properties

DYNAMICS OF ALGAE POPULATIONS IN FARM FISH PONDS ...Algae - Cyanophyta; Algal Pollutant Sources; Farm Pond; Lower Plants; Phytoplankton; Seasonal Distribution; Taxonomy - plant; ...2.0001

THE INFLUENCE OF DECOMPOSING SALMON ON WATER CHEMISTRY ...Alaska; Food Processing Industries; Nitrogen and Nitrogen Cpds.; Nutrients; Physiological Effects; Water Pollutants - Path of; ...2.0010

DISTRIBUTION OF ORGANICS FROM SALMON DECOMPOSITION ...Alaska; Carbon; Chemical Effects; Estuaries; Nitrogen; Organic Matter; Water Pollutants - Path of; ...2.0011

DOMESTIC WASTE DISCHARGE INTO A SILT LADEN ESTUARY ...Alaska; Data Reduction and Analysis; Forecasting - Prediction; Silting (water) -see Sediment; Sub - Polar Regions; Water Pollution Sources; ...2.0012

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Suspension; Urban Runoff; Water Reuse; Watersheds; ...2.0019

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal; Environmental Ecology; Fish Food Organisms; Lake Stages; Pathology; Plankton; Reservoirs and Impoundments; ...2.0021

A STUDY OF PHYTOPLANKTON DYNAMICS IN LAKE FAYETTEVILLE AS A MEANS OF ASSESSING WATER QUALITY ...Algae -nonspecific; Biological Water Properties; Eutrophication; Lake Stages; Physical Water Properties; Primary Productivity - Plants; ...2.0022

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Acidity (water); Arkansas; Biological Water Properties; Energy Conversion; Plankton; Reactor Sites & Rad Waste; Thermal Pollution; ...2.0023

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Acid Mine Drainage; Aquatic Plants - nonspecific; Biological Effects; Iowa; Lakes; Oklahoma; Population Dynamics -general; Strip Mines; ...2.0024

GEOCHEMISTRY-MINERALOGY OF THE MACKENZIE RIVER ...Adsorption Capacity; Geochemical Analysis (water); Polar Oceanic Areas; Suspension; ...2.0056

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Carbonates; Chemical Effects; Forecasting - Prediction; Groundwater Movement; Mass Transfer; Nuclear; Petrology; Seismology; Water Pollutants - Path of; ...2.0062

FIELD INVESTIGATION OF THE SUBMERSED AQUATIC ENVIRONMENT ...Algae - Chlorophyta; Aquatic Ecology - Animal; Canals; Irrigation; Physical Water Properties; Soil Chemical Properties; ...2.0072

CHEMISTRY OF ATMOSPHERIC PRECIPITATION ...Chemical Analysis -general; New York; North Carolina; Precipitation; Virgin Islands; ...2.0092

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Algae -nonspecific; Benthic Organisms -nonspecific; Bottom Sampling; Microorganisms -nonspecific; Plant Freshwater Ecology; Spectrographic Techniques; Waste Water Treatment -general; Water Quality Control -general; ...2.0114

POLLUTION IN HAWAIIAN WATERSHEDS ...Bacterial Pollutant Sources; Biological Water Properties; Hawaii; Nutrients; Water Pollutant Identification; Water Pollution Effects; Water Pollution Sources; Watersheds; ...2.0118

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination - Water; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Pollution Effects -see Water; Primary Productivity - Plants; Sewage; Water Quality -general; ...2.0119

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Biological Water Properties; Chlorine; Drainage; Fertilizers; Irrigation; Mineralogical Water Properties; Soil Chemical Properties; Temperature (water); Water Quality -general; ...2.0120

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AS AFFECTED BY IRRIGATION ...Aquifers; Chemical Analysis (water); Fertilizers; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.0121

FATE OF TRACE METALS DERIVED FROM POLLUTION SOURCES IN LAKE MICHIGAN ...Adsorption; Chemical Properties; Lake Deposits; Lead; Trace Elements; ...2.0131

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Eutrophic Lakes; Eutrophication; Iowa; Oxygen Content (water); Water Pollutants - Path of; Water Quality Control - general; ...2.0144

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water); Alkalinity (water); Drainage; Drainage Engineering; Mineralogical Water Properties; Pesticide Residues; Phosphorus and Phosphorus Cpds; Zea Mays - Field Corn; ...2.0149

LIMNOLOGICAL FACTORS AFFECTING PESTICIDE RESIDUES IN SURFACE WATERS ...Agricultural Runoff; Eutrophication; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reservoirs and Impoundments; ...2.0150

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology; Benthic Organisms -nonspecific; Coliforms -nonspecific; Fish Food Organisms; Nutrients; Plankton; Survey Studies (water); Water Properties -general; ...2.0158

DEGRADATION OF RIPARIAN LEAVES AND THE RECYCLING OF RELEASED NUTRIENTS IN A STREAM ECOSYSTEM ...Degradation -see Pesticide Deg; Ecological Effects; Energy Budgets; Forest Debris; Nutrients; Organic Matter; Physical Water Properties; ...2.0162

THRESHOLD ODOR DETERMINATIONS OF WATER SAMPLES FROM THE LOWER MISSISSIPPI RIVER ...Chemical Analysis (water); Mathematical Models; Mississippi River; Potable Water; Taste & Odor of Water; Water Pollutant Identification; Water Quality -general; ...2.0163

THE COLIFORM BACTERIA, PLANKTON, & RELATED PHYSICO-CHEMICAL FACTORS IN LAKE PONTCHARTRAIN AT NEW ORLEANS, LA ...Acidity (water); Bottom Sampling; Louisiana; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Sediments; Water; ...2.0164

PHOSPHATE RETENTION BY LAKE SEDIMENTS AS A FACTOR IN THE EUTROPHICATION OF LAKES ...Chemical Properties; Effluents - Waste Water; Eutrophication; Geochemical Analysis (water); Land Use; Water Chemistry; ...2.0167

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation; Water Resources; Urban Research -general; ...2.0180

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

CHEMICAL TRANSFORMATION, GRAND TRAVERSE BAY, LAKE MICHIGAN ...Bays; Lake Michigan; Rural Areas; Urban Environment; Water Pollutants - Path of; ...2.0193

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Analysis and Detection; Atomic Absorption; Contamination - Water; Lead; Mine Hydrology; Missouri; Pollution Effects -see Water; Water Pollution Effects; Zinc; ...2.0226

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Evaporation; Montana; Oxygen Content (water); Phytoplankton; Productivity of Freshwater; Stratification (water); Wyoming; ...2.0233

NATURAL WATER SYSTEMS IN WESTERN MONTANA ...Aquatic Ecology - Animal; Montana; Plant Freshwater Ecology; Water Properties -general; ...2.0234

SILTATION RATES AND LIFE EXPECTANCIES OF SMALL HEADWATER RESERVOIRS IN MONTANA ...Geology - general; Morphology; Radioactive Fallout; Reservoirs and Impoundments; ...2.0235

EUTROPHICATION OF SMALL RESERVOIRS IN THE GREAT PLAINS ...Algae -nonspecific; Flood Control Reservoirs; Great Plains Province; Nebraska; Physical Water Properties; Temporal Distribution; ...2.0238

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

CANADARAGO LAKE EUTROPHICATION STUDY ...Agricultural Runoff; Biological Water Properties; Data Acquisition; New York; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Soil Tillage; Urban Runoff; ...2.0256

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Agnatha; Control of Nuisance Species; Engineering Structures-general; Flow Characteristics (water); Lake Ontario; Salmonidae; Survey Studies (water); ...2.0260

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Ecological Effects, Eutrophication; Microorganisms -nonspecific; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus -nonspecific; ...2.0264

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Coastal Engineering -general; Eutrophic Lakes; Eutrophication; General Recreation Studies; New York; Plant Productivity -general; Turbidity (water); Waves -see Ocean Waves; ...2.0271

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN ...Aquatic Distribution; Environmental Influences; Lower Plants; Phosphorus and Phosphorus Cpds; Phytoplankton; Runoff (water); Taxonomy -plant; Water Quality -general; ...2.0274

ENVIRONMENTAL INVENTORY, AQUATIC AND TERRESTRIAL, BELEWS CREEK-BELEWS LAKE, N.C. ...Aquatic Ecology - Animal; Electric Power Plants; Nutrient Studies -animal; Ponds; Power Reservoirs; Pre-impoundment Sites; Water Standards & Baselines; ...2.0286

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Contamination - Water; Environmental Influences; Mineral Nutrition; Nutrient Studies -animal; Photosynthesis; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines; ...2.0298

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICRO-ORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Bacterial Ecology; Ecological Effects; Lake Erie; Microorganisms -nonspecific; Physical Water Properties; Plant Freshwater Ecology; Plant Physiological Ecology; ...2.0300

SPOILS WEATHERING - WATER, SOILS GROWTH ...Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0308

STRIP-MINING AND WATER QUALITY ...Acidity (water); Chemical Analysis (water); Coal; Erosion; Mine Wastes; Rainfall Simulators; Spoil Banks; Thermal Poll. -see Water Poll.; ...2.0309

CHEMISTRY OF MINERALIZED WATERS ...Arsenic; Bromine; Chlorine; Fluorine; Geology -general; Iodine; Origin; Water Quality -general; ...2.0311

STUDIES ON EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Forest Cutting Operations; Forest Watersheds; Optical Properties of Water; Periphyton; Primary Productivity - Plants; Suspension; ...2.0321

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply -general; ...2.0322

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Drainage; Erosion, Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

EUROPHICATION - PHYSICAL ECOLOGICAL CONTROL ...Algae -nonspecific; Cultural Control; Environmental Influences; Eutrophication; Physical Water Properties; Stratification (water); Water Quality Control -general; ...2.0334

THE MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Absorbed Load; Estuaries; Washington; Water Pollution Sources; ...2.0339

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Drilling Operation; Groundwater; Iron; Pennsylvania; Underground Workings; Water Table; ...2.0340

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology Animal Productivity; Eutrophication; Fish; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Primary Productivity - Plants; Zooplankton; ...2.0363

STATUS OF THERMAL POLLUTION AND RESEARCH NEEDS ...Bibliography; Hydraulics; Thermal Pollution; Water Quality Control -general; ...2.0371

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Data Reduction and Analysis; Geology -general; Hydraulics; Texas; Water Pollution Sources; Water Supply -general; Water Wells; ...2.0375

PHYSIOCHEMICAL RESPONSES OF RIVERS TO NATURAL AND MANMADE ENVIRONMENTAL CHANGES ...Mans Pollutional Activities; Model Studies; Nutrients; Physical Water Properties; Water Cycle; Water Pollutants - Path of; ...2.0377

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties; Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of; Water Pollution Sources; Water Quality -general; ...2.0400

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Contamination Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

ACID MINE POLLUTION ...Acid Mine Drainage; Biological Water Properties; Catostomidae; Mining Industry; Physical Water Properties; Rehabilitation -streams -lakes; Sediments; Strip Mines; Water Pollution Abatement; ...2.0409

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS ...Amphibious Plants; Biological Water Properties; Mineralogical Water Properties; Pesticides -nonspecific; Plant Freshwater Ecology; Radioisotopes; Springs; Washington; ...2.0414

GEOCHEMICAL BEHAVIOR OF IRON AND MANGANESE IN A RESERVOIR (LAKE LYNN, WEST VIRGINIA) FED BY STREAMS CONTAINING ACID MINE DRAINAGE ...Acid Mine Wastes; Analysis and Detection; Geochemical Analysis (water); Precipitation; Sediments; Stratification (water); West Virginia; ...2.0431

EVALUATION OF WETLAND IMPOUNDMENTS ON STATE-OWNED WILDLIFE AREAS ...Amphibious Plants; Demand and Use -recreation, Management (water); Recreation, Water Resources; Submerged Plants; Water Depth, Water Levels; Wetlands; Wildlife -nonspecific; ...2.0435

MERCURY UPTAKE AND RELEASE BY BOTTOM SEDIMENTS ...Adsorption; Aquatic Soils, Chemical Properties; Mercury; Physical Water Properties; Soil Chemical Properties; Wisconsin; ...2.0446

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection; Growth; Lakes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Stratification (water); Temperature; ...2.0448

EUTROPHICATION OF NATURAL WATERS ...Biological Water Properties; Eutrophic Lakes; Forecasting - Prediction; Physical Water Properties; Water Quality Control -general; ...2.0451

EFFECTS OF SOUTH SHORE DRAINAGE BASINS AND CLAY EROSION ON THE PHYSICAL AND CHEMICAL LIMNOLOGY OF WESTERN LAKE SUPERIOR. ...Chemical Analysis (water); Clay Soils; Facies; Lake Superior; Pleistocene Epoch; Water Quality -general; ...2.0459

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological Water Properties; Construction Land Use Effects; Environmental Ecology; Geological Exploration; Lakes; Marine Biology - General; Sea Ice; Water Standards & Baselines; ...2.0470

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona, Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; Zooplankton; ...2.0477

ENVIRONMENTAL BIOLOGY OF TOMALES BAY ...Animal Habitat Studies; Bays; Environment Resistance-animals; Mans Pollutional Activities; Marine Environments; Water Standards & Baselines; ...2.0489

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

WATER QUALITY ASSESSMENT AND POLLUTION CONTROL ...Biological Water Properties; Data Networks; Groundwater; Irrigation; Physical Water Properties; Sewage; Water Pollution Abatement; ...2.0510

AN ECOLOGICAL STUDY OF THE LOWER HOUSATONIC RIVER - PHASE I - SURVEY OF THE CHEMICAL ASPECTS OF THE RIVER ...Alkalinity (water); Connecticut; Ecological Effects; Optical Properties of Water; Survey Studies (water); Zinc; ...2.0523

VARIABILITY IN DIATOM MORPHOLOGY AND WATER POLLUTION ...Diatoms (see Also Algae); Environmental Influences; Water Pollutant Identification; ...2.0530

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Estuaries; Geology -general; River Basins; Soil Tillage; Water Depth, Water Levels; Water Table; Wind; ...2.0558

DISSOLVED OXYGEN AND OXYGEN DEMAND IN A SALT MARSH BORDERED ESTUARY ...Biological Water Properties; Computer Models; Georgia; Physical Water Properties; Tidewater Areas; ...2.0559

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering -geologic; ...2.0566

A PRELIMINARY INVESTIGATION OF THE ROLE OF SEDIMENTS IN EUTROPHICATION ...Isotope Tracer -see Tracers; Mechanism Determination; Phosphorus and Phosphorus Cpds; Sediments; ...2.0578

ECOLOGIC IMPACT OF HUMAN ACTIVITIES ON WATER RESOURCE ENVIRONMENTS ...Animal Pollutant Sources; Ecological Effects; Mans Pollutional Activities; Physical Water Properties; Water Pollutant Identification; ...2.0584

PHYSICAL AND CHEMICAL CHARACTERISTICS OF MAINE STREAMS AND RIVERS ...Industrial Wastes; Maine; Physical Water Properties; Water Pollution Sources; ...2.0606

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection; Electrochemistry; Lead; Physical Water Properties; Trace Elements; Water Distribution Systems; Water Quality -general; Zinc; ...2.0623

NUTRIENT ENRICHMENT AND EUTROPHICATION OF LAKE MICHIGAN ...Algal Physiology; Eutrophic Lakes; Eutrophication; Mineralogical Water Properties; Phytoplankton; Water Pollution Sources; ...2.0627

TECHNOLOGICAL ASSESSMENT OF REMOTE SENSING ...Aircraft Remote Sensing; Estuaries; Management (water); Ponds; Water Pollutant Identification; ...2.0632

DIATOMS IN LAKES AND LAKE SEDIMENTS AS AN INDEX TO ENVIRONMENT ...Aquatic Soils; Core Analysis; Lake Deposits; Literature Search; Paleontology; Pollens -see Air Pollution; Water Standards & Baselines; ...2.0647

A STUDY OF THE ECOLOGY OF THE MISSISSIPPI TEST FACILITY ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Mississippi; Physical Water Properties; Plant Freshwater Ecology; Research Facilities; Water Standards & Baselines; ...2.0654

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Planktou; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Missouri; Physical Water Properties; Taxonomy -animal; Water Quality -general; ...2.0659

LIMNOLOGICAL INVESTIGATIONS OF LAKE MEAD ...Lakes; Physical Water Properties; Water Pollution Effects; Water Quality -general; ...2.0667

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ...Acidity (water); Aquatic Soils; Bacterial Ecology; Bacterial Pollutant Sources; New Jersey; Plant Distribution; Temperature (water); ...2.0674

MINERALIZATION OF ORGANIC PHOSPHORUS IN OLIGOTROPHIC LAKE SEDIMENTS ...Aluminum; Catalysts; Hydrolysis, Esterification; Lime Treatment; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; ...2.0692

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Mineralogical Properties; Salt Water; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties -general; Water Standards & Baselines; ...2.0701

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water); Animal Productivity; Ohio; Physical Water Properties; River Basins; Systems Analysis - Water Mgmt; Taxonomy -plant; Water Pollutant Identification; ...2.0722

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Contamination - Water; Environmental Influences; Physical Water Properties; Sediments; Water Pollutants - Path of ...2.0724

A SYSTEMATIC AND ECOLOGICAL SURVEY OF THE ZOOPLANKTON AND PHYTOPLANKTON OF NORTHEASTERN OHIO GLACIAL LAKES ...Biological Water Properties; Ecological Effects; Eutrophication; Glaciology; Nutrients; Physical Water Properties; ...2.0730

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Aquatic Ecology - Animal; Biological Water Properties; Chemical Analysis (water); Data Acquisition; Fish; Organic Water Properties; Pollution Effects -see Water; Survey Studies (water); ...2.0731

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage; Alkalinity (water); Automatic Data Aquisition; Mine Drainage Control; Mineralogical Water Properties; Ohio; Water Properties -general; Zinc; ...2.0733

CHARACTERISTICS OF DRAINAGE FROM DEEP BITUMINOUS COAL MINES IN WESTERN PENNSYLVANIA ...Acid Mine Drainage; Bituminous; Data Reduction and Analysis; Pennsylvania; Waste Water Treatment -general; ...2.0751

HYDROGEOLOGY OF PUBLIC GROUND WATER SUPPLIES IN PENNSYLVANIA ...Chemical Analysis (water); Groundwater; Management (water); Potomac River; Susquehanna River; Water Yield; ...2.0753

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Bacterial Pollutant Sources; Benthic Flora; Marine Bacteria; Marine Environments; Marine Plants; Plant Population Dynamics -gen; Water Analysis; ...2.0767

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling; Chlorine; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics -general, Rural Areas; Size; ...2.0776

ANALYTICAL PHYSICAL MODEL ...Bays; Biological Water Properties; Marine Pollution; Mathematical Analysis; Mathematical Models; Physical Models, Rhode Island; Thermodynamics; ...2.0777

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Contamination - Water; Growth; Periphyton; Physiological Effects; Plant Habitat Studies; Sewage; Water Pollutant Identification; Water Pollution Sources; ...2.0778

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC, DDE; Dieldrin; Fish; Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

GEOHYDROLOGY OF SHALLOW AQUIFERS IN HENRY AND WEAKLEY COUNTIES, TENNESSEE ...Aquifers; Chemical Analysis (water); Geophysical Analysis; Permeability; Tennessee; Water Wells; ...2.0803

LIMNOLOGICAL INVESTIGATIONS OF TEXAS IMPOUNDMENTS FOR WATER QUALITY MANAGEMENT PURPOSES ...Eutrophication; Nutrients; Streams & Rivers; Water Quality -general; Water Supply Augmentation; ...2.0812

MACROBENTHOS AS INDICATORS OF ECOLOGICAL CHANGE ...Aquatic Ecology - Animal; Benthic Fauna; Physical Water Properties; River Basins; Water Pollutant Identification; ...2.0816

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Computer Models; Cybernetics; Development of Models; Land Use; River Basins; Urban Environment; Urban Research -general; Watersheds; ...2.0822

GEOCHEMISTRY OF WATERS OF THE HOG CREEK BASIN - HAMILTON, CORYELL, AND BOSQUE COUNTIES, TEXAS ...Agricultural Runoff; Animal Pollutant Sources; Geology -general; Plant Pollutants; Soil Fertility; Texas; ...2.0826

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

A PRE-IMPOUNDMENT ECOLOGICAL STUDY OF THE BOTTOM FAUNA AND WATER QUALITY IN THE NORTH ANNA RIVER ...Atomic Plants; Chemical Analysis (water); Contamination - Water; Environmental Ecology; Management (water); Thermal Pollution; Water Standards & Baselines; ...2.0834

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; Sewage; ...2.0848

CHEMICAL CHARACTERISTICS OF WATERS IN FLOODED BITUMINOUS-COAL MINESHAFTS ...Acidity (water); Bituminous; Geochemical Analysis (water); Mine Drainage Control; Mine Hydrology; Mineralization; Water Pollutant Identification; ...2.0851

WATER QUALITY MONITORING STUDIES ...Aquatic Ecology - Animal; Dams -general; Fish and Shellfish; Monitoring; Population Dynamics -general; Water Quality -general; ...2.0854

WATER REOURCES OF SOUTHEASTERN WISCONSIN - RACINE AND KENOSHA COUNTIES ...Groundwater; Hydrographs; Recharge (water); Water Quality -general; Water Table; Water Wells; ...2.0856

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl. Adsorption); Arsenic; Chemical Properties; Contamination - Soil; Industrial Wastes; Particulates - Air Pollution; Precipitation; Soil Chemical Properties; Water Pollutants - Path of; ...2.0862

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED, WALWORTH, ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Algae -nonspecific; Fish; Najadaceae; Physical Water Properties; Range Or Territorial Distr.; Water Pollutant Identification; Watersheds; ...2.0868

BUFFER CAPACITY IN AQUATIC ECOSYSTEMS ...Acidity (water); Alkalinity (water); Biological Water Properties; Mathematical Models; Plant Freshwater Ecology; Water Quality Control -general; ...2.0889

WATER SUPPLIES ...Chlorination; Disinfectants; Filtration; Iowa; Turbidity (water); Water Quality -general; Water Utilization - domestic; ...2.0895

EFFECTS OF INTERACTIONS OF CHEMICALS FOR WATER TREATMENT ...Bacterial Pollutant Sources; Chlorine; Organic Water Properties; Potable Water; Turbidity (water); ...2.0908

LIMNOLOGY-NUTRIENT-BIOTIC RELATIONSHIPS IN THE UPLAKE REGION OF BEAVER RESERVOIR ...Animal Productivity; Benthic Organisms -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plankton; Reservoirs and Impoundments; Water Properties -general; ...2.0961

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EFFLUENT PRIOR TO A MAJOR FLOW INCREASE ...Arthropods; Biological Water Properties, Estuaries; Recreation, Water Resources; Secondary Treatment; Sewage Treatment Plant; Water Pollutant Identification; ...2.0987

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Biological Water Properties; Contamination - Water; Effluents - Waste Water; Management (water); Physical Water Properties; Reservoirs and Impoundments; Water Pollutants - Path of; Water Quality Control - general; ...2.1008

EFFECTS OF LIMNOLOGICAL FACTORS ON WATER TREATMENT ...Iowa; Public Utilities; Reservoirs and Impoundments; Water Chemistry; Water Quality -general; ...2.1018

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Aquatic Ecology - Animal; Ictalurus Punctatus; Lakes; Lime Treatment; Neutralization; Population Dynamics -general; Stocking of Fish & Shellfish; ...2.1027

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

EVALUATION OF LOW-FLOW AUGMENTATION ON THE CHEMISTRY AND BIOLOGY OF THE BUFFALO RIVER, BUFFALO, NEW YORK ...Biological Water Properties; Chemical Analysis (water); Industrial Wastes; New York; Sediments; Sewage; Water Supply Augmentation; ...2.1064

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Absorbed Load; Channels; Estuaries; Mineralogical Properties; Streams; Tides; Water Pollutants - Path of; ...2.1066

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

LIMESTONE DRUM PRODUCTIVITY STUDY – POPULATION STUDY ...Acidity (water); Chemical Measurements (water); Contamination - Water; Environmental Ecology; Limestone-general; Population Dynamics -general; Spawn Or Nesting Sites; Stocking of Fish & Shellfish; ...2.1131

WATERSHED RANGE CONDITIONS AND THEIR EFFECTS ON WATER QUALITY ...Agricultural Watersheds; Bacterial Pollutant Sources; Range Management; Water Bacteria; Water Quality -general; ...2.1140

FILTRATION OF AQUEOUS EFFLUENTS CARRYING EMULSIFIED OILS ...Coalescence; Filters-filtration; Fluid Mechanics; Turbidity (water); ...2.1169

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated; Artificial Recharge; Hawaii; Land Use; Primary Treatment; Storm Water; Urban Runoff; Water Standards & Baselines; ...2.1239

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Aquatic Ecology - Animal; Chemical Measurements (water); Chlorination; Effluents - Waste Water; Physical Water Properties; Pollution Effects -see Water; Protozoa; Temperature (water); ...2.1262

DISINFECTION OF SEWAGE EFFLUENTS ...Bacteria; Bromine; Chlorination; Chlorine; Disinfection; Sewage; ...2.1264

EFFECTS OF DOMESTIC POLLUTION ABATEMENT ON A EUTROPHIC LAKE ...Biological Water Properties; Eutrophic Lakes; Physical Water Properties; Water Pollution Abatement, Water Pollution Sources; ...2.1267

UNDERGROUND DISPOSAL OF LIQUID WASTES IN BRACKISH WATER FORMATIONS, MARYLAND ...Artificial Recharge; Cooperative Studies; Government -see Federal Gov.; Maryland; Soil Tillage; Waste Disposal, Underground; Water Resources Planning; ...2.1286

MICROBIAL MEDIATION IN GENERATION OF ACID MINE WASTES ...Acid Mine Drainage; Biological Water Properties; Cellular Biosynthesis; Mineralogical Water Properties; ...2.1298

THERMAL AND CONVENTIONAL RIVER POLLUTION ...Atomic Plants; Effluents - Waste Water; Legislation - Zoning; Tennessee River; Water Quality Control -general; ...2.1472

FACTORS INFLUENCING THE PRODUCTION OF PLANKTONIC AND BENTHIC PLANTS ...Algal Physiology; Effluents - Waste Water; Nutrients; Optical Properties of Water; Phytoplankton; Plant Succession; Water Pollution Sources; ...2.1473

EFFECTS OF LARGE SCALE FOREST FIRES ON WATER QUALITY IN THE INTERIOR OF ALASKA ...Alaska; Ecological Effects; Fire Damage, Recovery; Fire Research -see Forest Fire; Forest Watersheds; Soil Chemical Properties; ...2.1474

EFFECTS OF WATER DIVERSION ON BIOTA AND WATER QUALITY IN THE STATE OF ARKANSAS ...Animal Productivity; Aquatic Ecology - Animal; Eutrophication; Physical Water Properties; Population Dynamics -general; Vertebrate Anatomy; ...2.1482

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots; Arkansas; Chemical Analysis (water); Ecological Effects; Eutrophic Lakes; Mineralogical Water Properties; Nutrients; Plankton Sampling; Population Dynamics -general; Zooplankton; ...2.1483

ENVIRONMENTAL STUDY OF PORT PHILLIP BAY ...Algae - nonspecific; Bays; Color (water); Environment; Organic Matter; Waste Treatment; Water Quality Control -general; ...2.1485

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Biological Water Properties; Circulation (water); Ecological Effects; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plant Freshwater Ecology, Soil Tillage; Water Properties -general; ...2.1494

EFFECTS OF CHEMICAL VARIATIONS IN AQUATIC ENVIRONMENTS ...Aluminum; Chemical Analysis (water); Colorado River; Data Acquisition; Lead; Oil Shale; Salinity (water); ...2.1512

ENVIRONMENTAL CONTROL SYSTEM FOR OYSTER FARMING ...Chemical Measurements (water); Circulation (water); Delaware; Nutrient Studies -animal; Salinity (water); Spawning & Nesting Sites; Temperature (water); ...2.1521

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal; Estuaries; Georgia; Invertebrates -nonspecific; Physical Water Properties; Pulp and Paper Wastes; Turbidity (water); ...2.1537

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Ecological Effects; Environmental Influences; India; Lower Plants; Organic Water Properties; Physiological Effects; ...2.1549

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Acid Mine Drainage; Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Lakes; Mining Industry; Physical Water Properties; Waste Water Treatment -general; ...2.1551

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Fish; Induced Temperature; Oxygen Content (water); Plankton; Temperature (water); Turbidity (water); Turbines; ...2.1552

WATER QUALITY - CEDAR BLUFF IRRIGATION DISTRICT, KANSAS ...Effluents - Waste Water; Groundwater; Kansas; Salinity (water); Seepage (water); Water Quality -general; ...2.1556

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

PHOSPHATE EXCHANGE WITH SEDIMENTS ...Analysis and Detection; Eutrophication; Sedimentation; Water Quality Control -general; ...2.1582

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

RECOVERY FROM ACID POLLUTION IN FOUR STRIP-MINE LAKES ...Acid Mine Drainage; Animal Productivity; Biological Water Properties; Energy Budgets; Lake Stages; Physical Water Properties; Primary Productivity - Plants; Strip Mines; ...2.1617

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Benthic Organisms -nonspecific; Ecological Effects; Environment Resistance-animals; Heat Recovery, Industrial; Photosynthesis; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Gastropoda; Mollusca; Physical Water Properties; Taxonomy -animal; Water Pollution Sources; ...2.1623

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Atomic Plants; Biological Water Properties; Energy Conversion; Fish; Missouri River; Temperature (water); ...2.1633

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources, Forecasting - Prediction; Mathematical Models; Planning; Rain; Runoff (water); Soil Types -also See Specifics; Water Quality Control -general; ...2.1711

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Biological Water Properties; Destratification; Flow Characteristics (water); Model Studies; Physical Water Properties; Reservoirs and Impoundments; Tennessee; Water Quality Control -general; Water Supply -general; ...2.1713

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF JONES BAY ...Animal Habitat Studies; Bays; Construction Industry; Physical Water Properties; Texas; ...2.1726

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF MOSES LAKE ...Animal Habitat Studies; Censusing; Data Reduction and Analysis; Lakes; Pre-impoundment Sites; Sediments; Texas; ...2.1727

SOME EFFECTS OF THE RECENT INTRODUCTION OF HARD WATER INTO THE WATER SUPPLY RESERVOIR OF CARVIN COVE, VIRGINIA ...Animal Productivity; Benthic Fauna; Environmental Ecology; Mineralogical Water Properties; Physical Water Properties; Vertical Distribution; Water Pollution Effects; ...2.1747

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants; Filtration; Model Studies; Power Plants - see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Model Studies; Nutrients; Physical Water Properties; Primary Productivity - Plants; Statistics; Washington; Water Purification; ...2.1768

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

LAKE MICHIGAN WATER QUALITY MODEL ...Management (water); Mineralogical Water Properties; Rain; Water Quality - general; ...2.1825

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Aquatic Ecology - Animal; Economic Impact; Kentucky; Plant Freshwater Ecology; Regional Economics; Social Aspects; Water Quality -general; ...2.1835

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Model Studies; Optimization, Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Administration and Management; Biological Water Properties; Chesapeake Bay; Information Systems; Management (water); Social Aspects; Soil Tillage; Systems Analysis - Water Mgmt; ...2.1840

SUPPORT OF TWO RESEARCH VESSELS ...Biological Water Properties; Core Analysis; Great Lakes -see Specific Lake; Physical Water Properties; Research Facilities; Thermal Pollution; ...2.1851

COORDINATING THE EFFORTS OF PARTICIPATING AGENCIES IN A STUDY OF ENVIRONMENTAL EFFECTS OF WARM-WATER DISCHARGES INTO THE MISSOURI RIVER ...Biological Effects; Environment; Management (water); Missouri River; Thermal Pollution; ...2.1865

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Recreation, Water Resources; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

CATTLE FEEDLOT WASTE AND AIR AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Bos; Chlortetracycline; Farm Animal Wastes; Hydrographs; Process Design; ...3.0092

MICROBIOLOGICAL TREATMENT OF POTATO WASTES ...Bench Scale; Degradation -see Pesticide Deg; Food Processing Wastes; Plant Waste Removal, Treatment; Waste Water Treatment -general; ...3.0286

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

GROSS EFFECTS OF HEXADECANOL AND PLASTIC SHEET BOTTOMS ON AQUATIC LIFE IN PONDS ...Aquatic Ecology - Animal; Environmental Ecology; Linings - Pavings; Physical Water Properties; Ponds; Water Quality -general; ...4.0054

FISHERIES UNIT ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Catostomidae; Cladocera; Mark, Tag Or Capture -other; Pesticides -see Pesticide; Population Dynamics -general; ...4.0066

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL INFORMATION PROCESSING, STORAGE, AND RETRIEVAL. ...Applied Climatology; Data Reduction and Analysis; Electric Power Plants; Information Science; Information Systems; Thermal Pollution; Water Pollution Sources; ...5.0072

Chesapeake Bay

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE ...Aircraft Remote Sensing; Estuaries; Fluorometry; Monolayers; Petroleum Wastes - Spillage; Water Pollutants - Path of; Wind; ...2.0411

VIBRIO PARAHAEMOLYTICUS IN CHESAPEAKE BAY - ISOLATION, INCIDENCE AND PATHOGENICITY ...Animal Interrelationships -gen; Bacterial Pollutant Sources; Estuaries; Muridae; Swamps - Marshes; ...2.0532

TO DETERMINE THE PROPERTIES OF THE SUSPENDED SEDIMENT POPULATION OF CHESAPEAKE BAY ...Mineralogical Properties; Organic Properties; Physical Properties; Sediments; Size; Structural Source; Suspension; ...2.0610

DETERMINE EFFECTS OF RESERVOIRS ALONG SUSQUEHANNA RIVER ON SEDIMENT BEING DISCHARGED INTO CHESAPEAKE BAY AT HAVRE DE GRACE, MD. ...Maryland; Mineralogical Properties; Reservoirs and Impoundments; Sediment Yield; Sediments; Size; Susquehanna River; ...2.1571

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

BIOGEOCHEMISTRY OF ESTUARINE ECOSYSTEM WITH EMPHASIS ON HEAVY METALS AND SHELLFISH ...Chemical Analysis (water); Contamination - Water; Geochemical Analysis (water); Organic Matter; Physiological Effects; ...2.1578

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Administration and Management; Biological Water Properties; Information Systems; Management (water); Social Aspects; Soil Tillage; Systems Analysis - Water Mgmt; ...2.1840

Children

TOOTH COLLECTION FOR RADIOACTIVE NUCLIDE STUDY ...Food Contamination; Human Developmental Biology; Radiation Effects - Biological; Radiologic Health; Strontium; ...5.0060

Chile

MODIFICATION OF CHRONIC MANGANESE POISONING ...Cooperative Studies; Miners; Toxicology; ...2.0276

URBAN INFRASTRUCTURE INVESTMENT IN DEVELOPING COUNTRIES ...Housing; Public Utilities; Residential Buildings; Urban Environment; Water Supply Facilities; ...2.1811

VARIATION IN THE ISOTOPIC CONTENT OF PRECIPITATION WITH ALTITUDE ...Precipitation; Radioactivity; ...5.0018

China

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Chlorophyll; Foreign Agriculture; Hordeum Vulgare; Neutron -see Radiation; Oryzeae; Plants; X and Gamma Rays; ...5.0602

Chlorination

PLANT PHENOLS AND RELATED ORGANIC COMPOUNDS IN PUBLIC WATER SOURCES, THEIR RELATIONSHIP TO CHLORINATION ...Forest Debris; New England Province; Phenols; Toxicology; Water Pollution Effects; ...2.0354

COMPOSITION OF RESIDUES FROM PULP BLEACHING TREATMENTS ...Chlorine; Pulp and Paper Wastes; ...2.0702

SELF-ADJUSTING AND SELF-CLEANING FILTER FEASIBILITY STUDY ...Filters-filtration; Materials, Composite; Pollutant Removal; Pressure Effects; Storm Sewer Quantity; ...2.0882

FACTORS INFLUENCING FREE-LIVING NEMATODES IN WATER SUPPLIES ...Animal Pollutant Sources; Chemical Measurements (water); Chlorine; Environmental Ecology; Mineralogical Water Properties; Nematoda; Sand Filters; ...2.0893

WATER SUPPLIES ...Chemical Water Properties; Disinfectants; Filtration; Iowa; Turbidity (water); Water Quality -general; Water Utilization -domestic; ...2.0895

EFFECTS OF INTERACTIONS OF CHEMICALS FOR WATER TREATMENT ...Bacterial Pollutant Sources; Chemical Water Properties; Chlorine; Organic Water Properties; Potable Water; Turbidity (water); ...2.0908

KINETICS OF DISINFECTION WITH CHLORINE ...Chlorine; Disinfection; Organics; Sewage - Domestic; Water Chemistry; ...2.0909

THE EFFECT OF CHLORINATION ON TREATED ORGANIC CHEMICALS ...Chemical Manufacturing Wastes; Degradation; Disinfection; Organics; Rate of Reaction; Waste Water Degradation; ...2.0919

WATER QUALITY IMPROVEMENT - KINETICS AND MECHANISM OF THE CHLORINATION-DEGRADATION OF UREA AND URIC ACID ...Chlorine; Light Visible Spectroscopy; Oxidation; Sterilants; Water Chemistry; ...2.0926

DISINFECTION OF RENOVATED WASTEWATER ...Disinfection; General Recreation Studies; Ozonization; Sewage - Domestic; Water Reuse; ...2.0931

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chemical Analysis (water); Chlorine; District of Columbia; Potomac River; Viral Pollutant Sources; Water Pollution -see Specifics; ...2.0941

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chlorine; Disinfection; Feces; Potable Water; Viral Pollutant Sources; Viruses - Animal; Water Supply -general; ...2.0942

VIRUS REMOVAL-WATER AND WASTEWATER ...Bacteriophage; Carbon; Flocculation; Ion Exchange; Viral Pollutant Sources; Virus; Waste Water Treatment -general; ...2.0946

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EFFLUENT PRIOR TO A MAJOR FLOW INCREASE ...Arthropods; Biological Water Properties; Chemical Water Properties; Estuaries; Recreation, Water Resources; Secondary Treatment; Sewage Treatment Plant; Water Pollutant Identification; ...2.0987

PRACTICALITY OF CHLORINATING ALGAE-LADEN EFFLUENTS FROM STABILIZATION PONDS ...Algae -nonspecific; Disinfection; Organics; Sewage Lagoons; Water Pollutant Identification; ...2.1198

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Alum Waste Water Treatment; Disinfection; Electrical Phenomena; Fluid Mechanics; Pilot Plants; Tertiary Treatment; Waste Water Treatment -general; ...2.1231

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Effluent-standards; Forest Management; Idaho; Irrigation; Sediment Thickness; Water Costs; Water Reuse; ...2.1241

NEW MICROBIAL INDICATOR OF WASTEWATER CHLORINATION EFFICIENCY ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Chlorine; Coliforms -nonspecific; Intestinal Bacteria; Sewage - Domestic; Water Pollutant Identification; ...2.1288

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Bacterial Ecology; Cellular Physiology- Env. Eff.; Chlorine; Effluent-standards; Illinois; Sewage Bacteria; Water Bacteria; ...2.1289

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Aquatic Ecology - Animal; Chemical Measurements (water); Effluents - Waste Water; Physical Water Properties, Pollution Effects -see Water; Protozoa; Temperature (water); ...2.1362

DISINFECTION OF SEWAGE EFFLUENTS ...Bacteria; Bromine; Chemical Water Properties; Chlorine; Disinfection; Sewage; ...2.1364

EAST CHICAGO TREATMENT LAGOON ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Effluent-standards; Sewer Systems; Waste Water Treatment -general; ...2.1365

AN INVESTIGATION OF LIGHT-CATALYZED CHLORINE FOR TREATMENT OF WASTE WATER ...Chlorine; Light-catalysed; Organics; Oxidation; Waste Treatment Economics; Waste Water - general; Waste Water Treatment -general; ...2.1321

TREATMENT NEEDED BY SEWAGE BEFORE INJECTION-WELL RECHARGE ...Artificial Recharge; Filters-filtration; Rapid Filters; Sand Filters; Tertiary Treatment; Waste Disposal, Underground; ...2.1343

TREATMENT OF WATERCRAFT WASTES ...Boat Discharges; Coagulation; Disposal; Electrochemistry; Process Design; Ship Wastes; ...2.1395

EVALUATE PERFORMANCE OF POULTRY AS AFFECTED BY WATER QUALITY ...Biological Effects; Chlorine; Filtration; Nutrition; Ponds; Water Utilization -animal; West Virginia; ...2.1774

CHLORINATION OF SEWAGE EFFLUENTS ...Bacteria; Chlorine; Effluent-standards; Rate of Reaction; ...3.0129

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Combustible Filters; Filters-filtration; Massachusetts; Pumps; Sewage Bacteria; Storm Sewer Quantity; Waste Treatment Economics; ...3.0169

WEST COXSACKIE PROJECT - HIGH-PERFORMANCE BIO-TREATMENT OF MUNICIPAL SEWAGE ...Activated Sludge; Aerobic Waste Water Treatment; New York; Oxidation; Precipitation; Process Design; Sewage - Domestic; ...3.0225

PULP INDUSTRY POLLUTION ABATEMENT THROUGH PROCESS MODIFICATION ...Chemical Treatment (water); Forest Industry; Kinetics; Process Design; Pulp and Paper Wastes; Recycle Water; ...3.0284

LIVESTOCK WASTE DISPOSAL SYSTEM INVOLVING REUSE OF WATER ...Aeration (water); Aluminum; Bog; Farm Animal Wastes; Livestock -nonspecific; Sand Filters; Water Reuse; ...3.0287

CONSERVATION AND RENOVATION OF WASTE WATER ...Effluents - Waste Water; Growth; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0290

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS . Algae -nonspecific; Effluents - Waste Water; Pseudomonas; Sewage; Sewage Lagoons; Water Pollution -see Specifics; Zooplankton; ...3.0386

CHEMICAL PROCESSING OF TITANIUM SCRAP AND RESIDUES. TITANIUM CHLORINATION RESIDUES ...Acid Mine Wastes; Mine Wastes; Titanium; Waste Material Recovery; ...3.0390

FERRIC CHLORIDE PROCESSING ...Chlorine; Metal Processing Wastes; Waste Material Recovery; ...3.0396

Chlorine

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0030

CHARACTERISTICS OF PARTICULATE EMISSIONS IN AUTO EXHAUSTS - DESIGN AND TEST SIMPLIFIED SAMPLING SCHEME ...Air Pollution Analysis; Air Pollution-chemistry; Cars; Combustion; Particulates - Air Pollution; ...1.0097

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE ...Activation Analysis; Atmospheric Dynamics; Bromine; Iodine; New Zealand; Trace Elements; Urban Research -general; ...1.0137

RADIOACTIVE FALLOUT RATES AND MECHANISMS ...Cosmic Rays; Fluorine; Radioactive Isotopes; ...1.0160

FURNISHING NOTICE OF RESEARCH PROJECTS RELATIVE TO ALL BIOLOGICAL INFORMATION ...Air Pollution -see Specifics; Asbestos; Carbon Monoxide; Lead; Pollens -see Air Pollution; Zinc; ...1.0193

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Industrial Pollution -general; Lycopersicum; Nicotiana; Northeast U. S.; ...1.0418

REVIEW AND PREPARATION OF CRITERIA DOCUMENTS FOR NO, F, ODORS (INCLUDING H2S) HCL, CL2 (GAS) ...Corrosion, Deterioration; Fluorine; Gases; Nitrogen and Nitrogen Cpds.; Noise -see Noise; ...1.0326

CONTROL TECHNIQUES FOR CHLORINE AND HYDROGEN CHLORIDE EMISSIONS ...Air Pollution-chemistry; Gases; ...1.0599

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution Control Systems; Air Pollution-chemistry; Chemical Analysis - general; Combustion; Energy Conversion; Engines; Inorganic Gases; Radiometric Analysis; ...1.0721

DEVELOPMENT OF IN-HOUSE INSTRUMENTAL METHODS ...Air Pollution Analysis; Air Pollution-chemistry; Analytical Instruments; Gases; ...1.0779

OPERATE A NATIONAL NETWORK FOR SAMPLING GASEOUS POLLUTANTS AT AN INCREASED FREQUENCY ...Air Pollution Sampling; Automatic Weather Stations; Gases; Mercury; ...1.0816

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Acidity (water); Arkansas; Biological Water Properties; Chemical Water Properties; Energy Conversion; Plankton; Reactor Sites & Rad Waste; Thermal Pollution; ...2.0023

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure - other; Water Reuse; ...2.0031

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality - general; Water Table - Depth of; ...2.0096

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Aluminum; Fluorine; Iodine; Precipitation Gages; Rain; Zinc; ...2.0097

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Biological Water Properties; Chemical Water Properties; Drainage; Fertilizers; Irrigation; Mineralogical Water Properties; Soil Chemical Properties; Temperature (water); Water Quality -general; ...2.0120

EFFECT OF URBANIZATION ON WATER QUALITY ...Acidity (water); Kansas; Rainfall - Runoff Relationship; Urban Environment; Urban Runoff; Water Quality -general; ...2.0155

CHEMISTRY OF MINERALIZED WATERS ...Arsenic; Bromine; Fluorine; Geology -general; Iodine; Origin; Water Quality - general; ...2.0311

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Forecasting - Prediction; Lakes; Mineralogical Water Properties; Primary Productivity - Plants; Reservoirs and Impoundments, Thermal Pollution; Water Pollution Sources; ...2.0359

NUTRIENT BUDGETS, RECYCLING, AND WATER TRANSPORT IN LAKE CHAMPLAIN ...Biochemical Oxygen Demand; Lake Champlain; Lakes; Mineralogical Water Properties; Nutrients; Organic Water Properties; Vermont; ...2.0404

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Fish; Literature Search; Rock - Soil Pollution; Soil Chemical Properties; Soil Saline Properties; Virginia; Water Supply Facilities; ...2.0408

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Bioindicators; Contamination - Water; Mercury; Organic Matter; Pesticides -nonspecific; Population Dynamics -general; Water Pollutant Identification; Zinc; ...2.0466

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Air Pollution -see Specifics; Atomic Absorption; Electrochemistry; Fluorine; Iodine; Rain; ...2.0544

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering - geologic; ...2.0566

COMPOSITION OF RESIDUES FROM PULP BLEACHING TREATMENTS ...Chlorination; Pulp and Paper Wastes; ...2.0702

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics -general; Rural Areas; Size; ...2.0776

SALT-WATER ENCROACHMENT IN THE BRUNSWICK AREA, GEORGIA ...Aquifers; Brackish Water; Georgia; Saline Water Intrusion; Water Quality Control -general; Water Table; Water Wells; ...2.0890

FACTORS INFLUENCING FREE-LIVING NEMATODES IN WATER SUPPLIES ...Animal Pollutant Sources; Chemical Measurements (water); Chlorination; Environmental Ecology; Mineralogical Water Properties; Nematoda; Sand Filters; ...2.0893

EFFECTS OF INTERACTIONS OF CHEMICALS FOR WATER TREATMENT ...Bacterial Pollutant Sources; Chemical Water Properties; Organic Water Properties; Potable Water; Turbidity (water); ...2.0908

KINETICS OF DISINFECTION WITH CHLORINE ...Chlorination; Disinfection; Organics; Sewage - Domestic; Water Chemistry; ...2.0909

WATER QUALITY IMPROVEMENT - KINETICS AND MECHANISM OF THE CHLORINATION-DEGRADATION OF UREA AND URIC ACID ...Chlorination; Light Visible Specroscopy; Oxidation; Sterilants; Water Chemistry; ...2.0926

DISINFECTION OF RENOVATED WASTEWATER ...Chlorination; Disinfection; General Recreation Studies; Ozonization; Sewage - Domestic; Water Reuse; ...2.0931

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chemical Analysis (water); Chlorination; District of Columbia, Potomac River; Viral Pollutant Sources; Water Pollution -see Specifics; ...2.0941

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chlorination; Disinfection; Feces; Potable Water; Viral Pollutant Sources; Viruses - Animal; Water Supply -general; ...2.0942

MIXING PROCESSES IN SATURATED AND UNSATURATED SOIL-WATER SYSTEMS IN RELATION TO POLLUTION ...Fluid Mechanics; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; ...2.0965

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Clay Soils; Leaching; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Filters; Soil Organic Content; Soil Texture; Waste Disposal on Soils; ...2.0988

PRACTICALITY OF CHLORINATING ALGAE-LADEN EFFLUENTS FROM STABILIZATION PONDS ...Algae -nonspecific; Chlorination; Disinfection; Organics; Sewage Lagoons; Water Pollutant Identification; ...2.1198

THE MECHANISMS OF WASTE WATER TREATMENT AT LOW TEMPERATURE ...Bacterial Identification; Cellular Catabolism-see Degrad; Colorado; Hypothermal; Microorganisms -nonspecific; Waste Water Degradation; Waste Water Treatment - general; ...2.1202

NEW MICROBIAL INDICATOR OF WASTEWATER CHLORINATION EFFICIENCY ...Bacterial Pollutant Sources, Cellular Physiology- Env. Eff.; Coliforms -nonspecific; Intestinal Bacteria; Sewage - Domestic; Water Pollutant Identification; ...2.1258

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Bacterial Ecology; Cellular Physiology- Env. Eff.; Effluent-standards; Illinois; Sewage Bacteria; Water Bacteria; ...2.1259

DISINFECTION OF SEWAGE EFFLUENTS ...Bacteria; Bromine; Chemical Water Properties; Chlorination; Disinfection; Sewage; ...2.1264

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Animal Wastes - Feed Lots; Chemical Analysis (water); Escherichia Coli; Farm Animal Wastes; Lysimeters; Physical Models; Salmonella -nonspecific & - or ; Waste Disposal on Soils; ...2.1288

DEMONSTRATION OF THE RECONDITION AND RE-USE OF ORGANICALLY CONTAMINATED BRINES FROM CHEMICAL PROCESS INDUSTRIES ...Brines; Chemical Manufacturing Wastes; Organic Matter; Recycle Water; Waste Water Treatment -general; ...2.1307

AN INVESTIGATION OF LIGHT-CATALYZED CHLORINE FOR TREATMENT OF WASTE WATER ...Chlorination; Light-catalyzed; Organics; Oxidation; Waste Treatment Economics; Waste Water -general; Waste Water Treatment -general; ...2.1321

RECOVERY OF BY-PRODUCTS FROM SHELLFISH WASTE ...Farm Animal Wastes; Lye; Product Development Research; Waste Material Recovery; ...2.1446

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Data Acquisition; Effluent-standards; Fish; Population Dynamics -general; Species Diversity Measurement; Water Properties -general; ...2.1577

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

DISTRIBUTION AND ECOLOGY OF RIVER MOLLUSKS IN CENTRAL AND WESTERN NORTH DAKOTA ...Animal Distribution; Atlantic Ocean; Mollusca; Paleontology; Pollution Effects -see Water; Water Pollution Effects; ...2.1667

EVALUATE PERFORMANCE OF POULTRY AS AFFECTED BY WATER QUALITY ...Biological Effects; Filtration; Nutrition; Ponds; Water Utilization -animal; West Virginia; ...2.1774

EFFECT OF MUNICIPAL SEWAGE PLANT EFFLUENT UPON AQUATIC SNAIL POPULATIONS ...Aquatic Ecology - Animal; Ecological Effects; Lake Champlain; Mercury; Pollution Effects - see Water; Sewage; ...3.0053

CHEMICAL REACTIONS OF WOODS AND BARKS ...California; Combustion; Fuels; Industrial Wastes; Pulp and Paper Wastes; Pulp-waste; Water Chemistry; Wet Oxidation; ...3.0065

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Bos; Contamination - Soil; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Soil Moisture; Zea Mays - Field Corn; ...3.0097

CHLORINATION OF SEWAGE EFFLUENTS ...Bacteria; Chlorination; Effluent-standards; Rate of Reaction; ...3.0129

CHLORINE CONTACT TANK DESIGN ...Chemical Analysis - general; Disinfection; Flume Studies; Physical Models, Tanks; ...3.0130

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Animal Wastes - Feed Lots; Farm Animal Wastes; Lysimeters; Percolation (water); Sprinkler Irrigation; Water Application Methods; ...3.0166

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Anseriformes; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Detergents -see Surfactants; Feces; Poultry -nonspecific; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...3.0220

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types also See Specifics; Waste Disposal on Soils; ...3.0223

PHYSICAL AND CHEMICAL CHARACTERISTICS AND STABILITY OF CUCUMBER PRODUCTS ...Lactobacillus Sp; Plant Waste Removal, Treatment; Yeasts -nonspecific; ...3.0253

SUBSURFACE DISPOSAL OF ANIMAL MANURE ...Animal Wastes - Feed Lots; Denitrification; Farm Animal Wastes; Feces; Plant Tissue Analysis -chem.; Soil Fertility; Waste Disposal, Underground; ...3.0296

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Contamination - Soil; Farm Animal Wastes; Groundwater; Playas; Rock - Soil Pollution; Soil Microbiology; Sorghum; Water Pollutants - Path of; ...3.0320

RECOVERING AND REFINING SECONDARY METALS AND ALLOYS ...Constants; Distillation; Lead; Mercury; Metal Processing Wastes; Tin; Zinc; ...3.0378

UTILIZATION OF WASTE PLASTICS FROM URBAN REFUSE ...Disposable Materials; Plastics; Recoverable Materials; Urban Research -general; ...3.0386

FERRIC CHLORIDE PROCESSING ...Chlorination; Metal Processing Wastes; Waste Material Recovery; ...3.0396

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

DEVELOPMENT OF FIELD METHODS IN SAMPLING WATER FOR PESTICIDE ANALYSIS ...Chemical Analysis; Chemical Extraction; Membranes; Pesticides -see Pesticide; Plastics; Water Chemistry; ...4.0049

THE RECOVERY AND CHARACTERIZATION OF AGRICULTURAL CHEMICALS FROM SPENT PULP CHLORINATION LIQUORS ...Algacides -nonspecific; Ceratocystis; Insecticides - nonspecific; Penicillium; Phenols; Waste Material Recovery; ...4.0058

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

THE ROLE OF MICROFLORA IN THE PERSISTENCE AND DECOMPOSITION OF PESTICIDE RESIDUES ...Biodegradation-see Degradation; Degradation; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg, Pesticide Phytotoxicity; ...4.0151

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Air Pollution -see Specifics; Herbicides -nonspecific; Pesticide Action on Plants; Temperature - Air; ...4.0211

ETIOLOGY OF MERCURIAL PHYTOTOXICITY (FAT LEG) OF SEED PEANUTS ...Arachis; Herbicides and Other Chem; Mercury; Metal Organics -nonspecific; Pesticide Phytotoxicity; Soil Depth; Soil Temp. -non-specific; ...4.0290

CHEMICAL INVESTIGATION OF SURFACE CONTAMINATION OF COTTON FIBERS ...Arsenic; Chemical Analysis; Defoliants; Fibers; Gossypium; Impurity; ...4.0474

OXIDATIVE DEALKYLATION OF INSECTICIDES ...Bidrin; Laboratory Animals; Muridae; Pesticide Formulation; ...4.0650

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Dieldrin; Endrin; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Salmo Gairdneri; Water Pollution Effects; ...4.0697

SERUM ANALYSIS OF CUTTHROAT TROUT EXPOSED CHRONICALLY TO METHOXYCHLOR PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Fish; Methoxychlor; Pesticide Action on Animals; Salmo Clarki; ...4.0701

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

AUTOMATED ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Organophosphorous Cpds.; Pesticide Residues; Residues in Foods; ...4.1005

INSECTICIDE RESIDUES FROM EXPERIMENTAL TREATMENTS TO PREVENT OR CONTROL INSECTS IN STORED PRODUCTS ...Bromine; Food Contamination; Malathion; Pesticide Residues; Piperonyl Butoxide; ...4.1019

ANALYTICAL METHODS FOR PESTICIDES, TIFTON ...Bayer 25141; Carbamates -nonspecific; Chlorinated Hydrocarbons; Fluorine; Gramineae -other; Metabolites From Pesticides; Pesticide Residues; ...4.1021

EFFECT OF PESTICIDES ON ENZYMES ...Caldariomyces; Cellular Catabolism-see Degrad, DDT; Gel Chromatography; Parathion; ...4.1031

EVALUATION OF NATURALLY OCCURRING HALOGENATED COMPOUNDS AS POSSIBLE INTERFERENCES IN PESTICIDE RESIDUE ANALYSIS ...Chemical Analysis; Chlorinated Hydrocarbons; Gas Chromatography; Infrared Spectroscopy; Polychlorinated Biphenyl Cpds.; Thin Layer Chromatography; ...4.1059

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Deltas; Electrical Properties; Marine Biology - General; Marine Environments; Radioactive Isotopes; Temperature; Trace Elements; Xray Diffraction; ...5.0068

NUCLIDE METABOLISM ...Calcium; Cesium; Feces; Iron; Mammals -nonspecific; Radiation Injury Prevention; Sodium; Whole Body; ...5.0155

MECHANISM OF RADIATION EFFECTS ON THE TRANSPORT AND BIOELECTRIC PROPERTIES OF RAT INTESTINE ...Ionic Effect; Muridae; Radiation; Radiation Chemistry - biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0263

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Gases; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

IN-VIVO NEUTRON ACTIVATION ...Americum; Calcium; Fast Neutrons; Iodine; Models (physical) of Anim.&man; Neutron Generator; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Radiation, Whole Body; ...5.0896

Chlorophyll

A STUDY OF THE EFFECTS OF ISLAND DEVELOPMENT ON LAKE WATER QUALITY ...Acidity (water); Economics -recreation; Lakes; Nitrogen and Nitrogen Cpds.; Plankton; Recreation, Water Resources; Types of Resources; ...2.0115

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity;

Carbon; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; Water Depth, Water Levels; ...2.0285

EUTROPHICATION AS A PROBLEM IN THE FINGER LAKES ...Acidity (water); Eutrophication; New York; Oxygen Content (water); Transparency; Water Properties -general; ...2.0267

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Em Radiation; Marine Biology - General; Monolayers; Polarimetry; Reflectance; Survey Studies (water); Water Pollutant Identification; ...2.0499

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California, Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

UPPER DELAWARE WASTE ASSIMILATIVE CAPACITY MODEL ...Acidity (water); Biological Water Properties; Delaware River; New Jersey; Sewage - Domestic; Waste Disposal-see Solid Waste; ...2.0678

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys, Cellular Physiology- Env. Eff., Chemical Water Properties; Contamination - Water; Environmental Influences; Physical Water Properties; Sediments; Water Pollutants - Path of; ...2.0724

EFFECTS OF AUGMENTED STREAM FLOW ON WATER QUALITY ...Alkalinity (water); Chemical Analysis (water); Coliforms -nonspecific; Fluorine; Ohio; ...2.0734

PIGMENT ANALYSIS FOR THE DETECTION OF ENRICHMENT ...Algal Physiology; Carotenoid Pigments; Effluents - Waste Water; Nutrients; Phytoplankton; Water Pollutant Identification; ...2.0736

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Acid Mine Drainage; Algae -nonspecific; Neutralization; Organic Waste -see Waste Treat; Rehabilitation -streams -lakes; Strip Mines; Waste Water Degradation; Waste Water Treatment -general; ...2.1319

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1575

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Absorption (incl. Adsorption); Captan; Dieldrin; Metabolites From Pesticides; Photosynthesis; Respiration; Translocation; ...4.0443

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysi -chem.; Secale; Solanum; Vicia; ...4.0469

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0490

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...China; Foreign Agriculture; Hordeum Vulgare; Neutron -see Radiation; Oryzeae; Plants; X and Gamma Rays; ...5.0602

THE NATURE, INDUCTION AND REPAIR OF RADIATION-INDUCED GENETIC DAMAGE IN PLANTS ...Enzymes; Growth Substances; Hordeum Vulgare; Physical Mutagenesis; Plants; Radiation Effects -see Rad.; Respiration; ...5.0732

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Cell Membrane Permeability; Electronic Components; Permeability; Physical Control; Potamogetonaceae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

Chromatography

COMBUSTION GAS COMPOSITION ...Air Pollution-chemistry; Combustion; Engines; Infrared Spectroscopy; Mass Spectroscopy; Nitrogen and Nitrogen Cpds.; Ultraviolet Spectroscopy; ...1.0005

ANALYSIS OF CHEMICAL COMPOUNDS IN AN URBAN AEROSOL ...Aerosols; Air Pollution; Air Pollution-chemistry; Coulometry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0135

CONTINUOUS CHROMATOGRAPHIC MONITORING OF GAS STREAMS ...Air Pollution Monitoring; Air Pollution-chemistry; Gases; ...1.0720

LIQUID CHROMATOGRAPHY STUDIES ...Air Pollution -see Specifics; Air Pollution-chemistry; Biochemical Analysis - Tissues; Chemical Carcinogenesis; Column Chromatography; Liquid Chromatography; ...1.0793

SEPARATION AND IDENTIFICATION OF TOXIC COMPOUNDS IN OIL REFINERY EFFLUENTS ...Atomic Absorption; Effluents - Waste Water; Industrial Wastes; Mass Spectroscopy; Petroleum Research; Waste Management -see Specific; Waste Water Treatment -general; ...2.0316

THE SIGNIFICANCE AND CONTROL OF WASTEWATER FLOATABLES IN COASTAL WATERS ...Bacterial Pollutant Sources; Coliforms -nonspecific; Effluents - Waste Water; Infrared Spectroscopy; Marine Pollution; Waste Management -see Specific; ...2.0488

ORGANIC SUBSTANCES IN WATER ...Analysis and Detection; Chemical Analysis (water); Chlorinated Hydrocarbons; Distillation; Herbicides -nonspecific; Organic Matter; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0496

ANALYTICAL METHODS - WATER CHEMISTRY ...Analysis and Detection; Electroanalyses; Photometry; Trace Analysis; Water Pollutant Identification; Zinc; ...2.0514

DEVELOPMENT OF INSTRUMENTAL TECHNIQUES FOR THE ANALYSIS OF TRACE ORGANIC CONSTITUENTS IN WATER ...Gas Chromatography; Odor; Potable Water; Trace Analysis; ...2.0525

DETERMINATION OF DEGRADED DYES AND AUXILIARY CHEMICALS IN EFFLUENTS FROM TEXTILE DYEING PROCESSES ...Dye Wastes; Industrial Wastes; Lagoon; Spectrographic Techniques; Textile Industry; Waste Water Treatment - general; ...2.0555

MINERALIZATION OF ORGANIC PHOSPHORUS IN OLIGOTROPHIC LAKE SEDIMENTS ...Aluminum; Catalysts; Chemical Water Properties; Hydrolysis, Esterification; Lime Treatment; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; ...2.0692

WASTE COMPOSTS AS CHELATING AGENTS IN PLANT NUTRITION ...Absorption (incl. Adsorption); Mineral Nutrition; Soil - Crop Relationships; Waste Disposal on Soils; Zinc; ...3.0091

EVALUATION OF LOW VOLUME CONCENTRATE FORMULATIONS OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Evaluation; Potted Plants -see Ornamentals; ...4.0045

REACTIONS OF TRIAZINE-HERBICIDES WITH SOIL COMPONENTS ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil - Calcareous; Soil Organic Content; ...4.0082

CHEMISTRY OF ADSORPTION OF PESTICIDES ON SOIL SILICATES ...Diquat; Humidity; Paraquat; Pesticide Persistance in Soils; Soil Chemical Properties; Soil pH; ...4.0157

MECHANISM OF ADSORPTION OF VARIOUS HERBICIDES BY SOIL HUMIC SUBSTANCES ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Kinetics; Pesticide Persistance in Soils; Soil Amendments; Soil Chemical Properties; ...4.0171

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdaa; Chemical Analysis; Citrus; D, 2,4-; Gel Chromatography; Naa; Pesticide Residues; Vernolate; ...4.0237

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Herbicides - nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Spectrographic Techniques; Surfactants - Wetting Agents; ...4.0502

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Estuaries; Laboratory Animals; Parathion; Physiological Effects; Spawn Or Nesting Sites; ...4.0653

CHROMATOGRAPHIC SEPARATION OF URANIUM AND PLUTONIUM FROM REPROCESSING PLANT LIQUID WASTE ...Detectors and Sensors; Energy Conversion; Nuclear Radiation; Photometry; Radioactive Isotopes; Safety Design - Radioisotopes; Waste Management -see Specific; ...5.0080

Column Chromatography

ANALYSIS OF CHEMICAL COMPOUNDS IN AN URBAN AEROSOL ...Aerosols; Air Pollution; Air Pollution-chemistry; Chromatography; Coulometry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0135

LIQUID CHROMATOGRAPHY STUDIES ...Air Pollution -see Specifics; Air Pollution-chemistry; Biochemical Analysis - Tissues; Chemical Carcinogenesis; Chromatography; Liquid Chromatography; ...1.0793

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Bacterial Population Surveys; Electrophoresis; Isotope Tracer -see Tracers; Phosphorus; Sewage; Sewage Bacteria; ...2.0020

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Bioindicators; Chlorine; Contamination - Water; Mercury; Organic Matter; Pesticides -nonspecific; Population Dynamics -general; Water Pollutant Identification; Zinc; ...2.0466

DEVELOPMENT OF INSTRUMENTAL TECHNIQUES FOR THE ANALYSIS OF TRACE ORGANIC CONSTITUENTS IN WATER ...Chromatography; Gas Chromatography; Odor; Potable Water; Trace Analysis; ...2.0525

CHROMATOGRAPHIC CONCENTRATION OF PESTICIDES FROM A LARGE MASS OF WATER ...Analysis and Detection; Chemical Extraction; Distribution Coefficient; Partition Chromatography; Pesticide Residues Removal; Pesticides -nonspecific; Pesticides -see Pesticide; ...2.0710

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticide Absorption Rates; Pesticides -nonspecific; Rate of Reaction; Soil Chemical Properties; Soil Profile; Surfactants - Wetting Agents; Tension and Measurement; ...4.0094

MICROANALYSIS TECHNIQUE TO DETECT HERBICIDES AND THEIR DEGRADATION ...Atrazine; Chemical Analysis; D, 2,4-; Pesticide Action on Plants; Plant; ...4.0460

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics -general; Water Pollutants - Path of; ...4.0752

PESTICIDE RESIDUES IN MARKETING CHANNELS ...Chlorinated Hydrocarbons; Gas Chromatography; Insect Resistance; Insecticides -nonspecific; Organophosphorous Cpds.; Zea Mays - Field Corn; ...4.0949

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

IMPROVED CLEANUP PROCEDURE FOR THE REMOVAL OF LIPIDS FROM FISH EXTRACTS--CHLORINATED HYDROCARBON RESIDUE ANALYSIS ...Chemical Analysis; Fish; Gas Chromatography; Pesticides -nonspecific; Thin Layer Chromatography; ...4.1058

HERBICIDE RESIDUE METHODS ...Atrazine; Chemical Analysis; Microwave Spectroscopy; Pesticide Residues; Prometone; Propazine; Urea Cpds. -nonspecific; ...4.1064

BEHAVIORAL AND NEURAL EFFECTS OF RADIATIONS AND TOXINS ...Burns; Digestive System - Human; Mammals -nonspecific; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; .. 5.0512

CHARACTERIZATION OF RADIOPROTECTIVE FACTOR IN ALFALFA ...Bioindicators; Cruciidae; Medicago; Radiation Resistance; Radiation Sources -general; ...5.0774

Gas Chromatography

SOURCE TESTS OF PULP AND PAPER MILLS ...Air Pollution Sampling; Noise -see Noise; Particulates - Air Pollution; Pulp and Paper Wastes; ...1.0112

AIR & WATER POLLUTION PPBS-20-55-12 FUELS COMBUSTION RESEARCH ...Combustion; Diesel; Engines; Fuels; Oxidants; ...1.0125

EXPERIMENTAL METHODS FOR DETERMINING OXYGENATES IN AUTOMOTIVE EXHAUST ...Cars; Combustion; Fuels; ...1.0126

CHARACTERISTICS AND PHOTOCHEMICAL REACTIVITY OF FUEL COMPONENTS AND COMBUSTION PRODUCTS ...Air Pollution-chemistry; Combustion; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Rate of Reaction; ...1.0127

ANALYSIS OF CHEMICAL COMPOUNDS IN AN URBAN AEROSOL ...Aerosols; Air Pollution; Air Pollution-chemistry; Chromatography; Coulometry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0135

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Catalysts; Combustion; Fire Research -see Forest Fire; Food Contamination; Fuels; Mass Spectroscopy; Pyrolysis; Thin Layer Chromatography; ...1.0149

GAS-OFF STUDIES ON NONMETALLIC MATERIALS USED IN AIR FORCE SYSTEMS ...Aircraft, Space Applcn.; Chemical Mechanisms & Kinetics; Impurity; Infrared Spectroscopy; Liquid Chromatography; Mass Spectroscopy; ...1.0285

RESEARCH INITIATION - RATES OF SORPTION OF MOLECULAR SIEVES IN MULTICOMPONENT SORBATE SYSTEMS ...Adsorption; Catalysts; Combustion; Energy Conversion; Sulfur Dioxide Removal; ...1.0567

SOME TRANSITION METAL CHEMISTRY AND STRUCTURES OF COMPLEXES INVOLVING TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Chelation & Complexing; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Ultraviolet Spectroscopy; ...1.0619

NAVY ENVIRONMENT - COMPUTER CONTROL OF CHEMICAL INSTRUMENTS ...Air Pollution; Air Pollution -see Specifics; Air Pollution-chemistry; Trace Elements; ...1.0667

GAS CHROMATOGRAPHY AND AIR POLLUTION CONTROL ...Adsorption; Air Pollution-chemistry; Inorganic Gases; Vacuum Techniques; ...1.0722

ANALYTICAL METHODS FOR AROMATICS IN AUTO EXHAUST ...Air Pollution-chemistry; Chemical Carcinogenesis; Combustion; Trace Analysis; ...1.0739

CONTROLLED CONVERSION OF GASES INTO DETECTABLE PARTICLES ...Air Pollution Analysis; Chemical Analysis - general; Gases; Particulates - Air Pollution; Rate of Reaction; ...1.0741

EXTENSION OF CAPABILITY OF AUTOMATED CHROMATOGRAPHIC ANALYZER TO MEASURE ACETYLENE AND ETHYLENE ...Air Pollution Monitoring; Cars; Combustion; Organic Compounds; ...1.0746

DEVELOPMENT OF AIR SAMPLING METHODOLOGY ...Air Pollution -see Specifics; Air Pollution-chemistry; Biochemical Analysis - Tissues; Computer Methods -general; Coulometry; Electrochemistry; Monitoring Devices; ...1.0830

METEOROLOGICAL TRACER TECHNIQUES - SERVICE AND METHOD IMPROVEMENT ...Atmospheric Dynamics; Gases; Tracers; ...1.0849

PHOTOCHEMICAL REACTIONS IN A FLOW REACTOR ...Aerosols; Flow Reactor; Infrared Spectroscopy; Light-catalyzed; Photochemical Reactions; ...1.0871

TRACER STUDIES IN AIR POLLUTION - SULFUR DIOXIDE ...Aerosols; Catalysis, Heterogeneous; Energy Conversion; Isotope Tracer -see Tracers; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0875

STUDIES OF O ATOM REACTIONS OF ATMOSPHERIC IMPORTANCE ...Air Pollution-chemistry; Mass Spectroscopy;

Mechanism Determination; Oxidation; Rate of Reaction; Spectrographic Techniques; ...1.0876

DYNAMICS OF THE NITROGEN CYCLE IN LAKES ...Algal Physiology; Analysis and Detection; Denitrification -see Nitrogen; Eutrophication; Hydrogen; Nitrogen and Nitrogen Cpds.; Nitrogen Cycle -see Denitrif.; Plant Productivity -general; Sub - Polar Regions; ...2.0009

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides - see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

CONTROL OF POLLUTION FROM OUTBOARD ENGINES EXHAUST: A RECONNAISSANCE STUDY ...Air Cleaning Devices; Combustion; Thin Layer Chromatography; Water Purification; ...2.0275

SEPARATION AND IDENTIFICATION OF TOXIC COMPOUNDS IN OIL REFINERY EFFLUENTS ...Atomic Absorption; Chromatography; Effluents - Waste Water; Industrial Wastes; Mass Spectroscopy; Petroleum Research; Waste Management -see Specific; Waste Water Treatment -general; ...2.0316

NATURALLY OCCURRING TASTES AND ODORS IN WATER SUPPLIES ...Actinomyces Sp; Food Contamination; Odor; Spectrographic Techniques; Taste & Odor of Water; Water Chemistry; ...2.0382

ORGANIC COMPOUNDS IN ALASKA PERMAFROST GROUNDWATER ...Alaska; Groundwater; Permafrost - Frozen Soils; Thin Layer Chromatography; Water Pollutant Identification; ...2.0471

ORGANIC SUBSTANCES IN WATER ...Analysis and Detection; Chemical Analysis (water); Chlorinated Hydrocarbons; Distillation; Herbicides -nonspecific; Organic Matter; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0496

GEOSECS - ACQUISITION AND CONSTRUCTION OF SHIPBOARD ANALYTICAL EQUIPMENT AND HYDROGRAPHIC AND SAMPLING SYSTEMS ...Marine Biology - General; Organics; Radioactivity; Sea Water Properties; ...2.0502

DEVELOPMENT OF INSTRUMENTAL TECHNIQUES FOR THE ANALYSIS OF TRACE ORGANIC CONSTITUENTS IN WATER ...Chromatography; Odor; Potable Water; Trace Analysis; ...2.0525

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Mass Spectroscopy; Potable Water; Taste & Odor of Water; Water Pollution Sources; ...2.0526

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Analysis and Detection; Mass Spectroscopy; Microorganisms -nonspecific; Water Bacteria; Water Pollution - see Specifics; Water Pollution Sources; ...2.0527

THE SEPARATION AND IDENTIFICATION OF TRACE ORGANICS OF INDUSTRIAL ORIGIN IN NATURAL WATERS ...Adsorption; Concentration; Infrared Spectroscopy; Organic Matter; Spectrographic Techniques; ...2.0581

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Detergents -see Surfactants; Industrial Wastes; Lasers and Masers; Mass Spectroscopy; Pesticides -see Pesticide; Petroleum Research; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

RECOVERY, SEPARATION AND IDENTIFICATION OF PHENOLIC COMPOUNDS, NEW JERSEY ...Chemical Analysis (water); Distillation; Infrared Spectroscopy; New Jersey; Separation; Ultraviolet Spectroscopy; ...2.0681

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Industrial Wastes; Marine Biology - General; Ocean Circulation - general; Organics; Radioactivity; Sea Water Properties; Water Standards & Baselines; ...2.0699

NATURE OF EXOTIC SUBSTANCES IN SURFACE WATERS AND IMPLICATIONS AS WATER SUPPLY CONTAMINANTS ...Arthropods; Atomic Absorption; Detectors and Sensors; Emission Spectroscopy; Periphyton; Water Poiutant Identification; Water Pollution -see Specifics; ...2.0706

THE MOLECULAR NATURE OF ORGANIC WASTE REMOVAL PATTERNS ...Activated Sludge; Aquatic Fungi -nonspecific; Bacterial Population Surveys; Organic Matter; Process Design; Total Organic Carbon; ...2.0817

DETERMINE FEASIBILITY CHARACTERISTICS OF TUBULAR RO PROCESS ...Field Water Purification; Military Sciences; Reverse Osmosis; Tubular Membranes; Water Quality Control - general; ...2.0953

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Diffusion; Groundwater Movement; Organic Matter; Oxidation; Polarography; Septic Tanks; Soil Chemical Properties; Soil Moisture; ...2.0989

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - WATER QUALITY EFFECTS ...Acidity (water); Atomic Absorption; Mineralogical Water Properties; Waste Management -see Specific; ...2.1561

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Management (water); Mining Industry; Sewage; Waste Water Treatment -general; ...2.1775

BIOLOGICAL NITROGEN FIXATION IN LAKES, PHASE II ...Algae - Cyanophyta; Eutrophic Lakes; Eutrophication; Hydrogenation; Nitrogen Metabolism; Water Utilization -plant; ...2.1779

CHEMICAL INDICATORS OF FECAL POLLUTION ...Animal Wastes - Feed Lots; Chemical Analysis (water); Chemical Extraction; Sewage; Water Pollutant Identification; ...3.0049

UTILIZATION OF BARK WASTE ...Additives; Casting of Materials; Inspection and Control; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Pseudotsuga; Pulp-waste; ...3.0277

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific; Calorimetry; Degradation; Fungi -nonspecific; Industrial Wastes; Photolysis; Pulp and Paper Wastes; Thin Layer Chromatography; Waste Water Degradation; ...3.0284

RESEARCH ON AN ANIMAL-WASTE POLLUTION CONTROL SYSTEM ...Air Pollution; Animal Wastes - Feed Lots; Dewatering; Farm Animal Wastes; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds., Waste Water Treatment -general; ...3.0289

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Industrial Wastes; Lakes; Mollusca; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

CHLORINATED ORGANIC CONTAMINANTS IN THE MILWAUKEE RIVER ...Analysis and Detection; Bioassays; Degradation -see Pesticide Deg; Lake Michigan; Organic Water Properties; Polychlorinated Biphenyl Cpds.; ...4.0076

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Colloidal Phenomena; Degradation; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

EQUIPMENT AND TECHNIQUES FOR WEED CONTROL ...Bioassay; Physical Control; Spectrographic Techniques; ...4.0111

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

PESTICIDE RESIDUES IN FOODS - REMOVAL, DEGRADATION, AND ANALYSIS ...Metabolites From Pesticides; Methyl Bromide; Pesticide Residue Analysis; Pesticide Residues Removal; Residues in Foods; Ultra Violet Radiation; ...4.0450

CHEMICAL INVESTIGATION OF SURFACE CONTAMINATION OF COTTON FIBERS ...Arsenic; Chemical Analysis; Defoliants; Fibers; Gossypium; Impurity; ...4.0474

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics - general; Water Pollutants - Path of; ...4.0752

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Fenac; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; Residues in Foods; ...4.0770

TOXICOLOGICAL STUDIES OF DIELDRIN AND STEROIDS IN DOGS ...Canidae; Dieldrin; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0773

PESTICIDE MONITORING ...Captive Rearing; Chemical Analysis; Chlorinated Hydrocarbons; Fish; Fish Food Supply -other; Monitoring Systems; Pesticides -see Pesticide; ...4.0892

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

PESTICIDE RESIDUES AND METABOLITES ...Arachis; Pesticide in Food Chains; Pesticide Residue Analysis; Pesticide Tolerance Rate; Sevin; ...4.0942

PESTICIDE RESIDUES IN MARKETING CHANNELS ...Chlorinated Hydrocarbons; Column Chromatography; Insect Resistance; Insecticides -nonspecific; Organophosphorous Cpds.; Zea Mays - Field Corn; ...4.0949

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

ANALYTICAL METHODS FOR PESTICIDES, TIFTON ...Bayer 25141; Carbamates -nonspecific; Chlorinated Hydrocarbons; Fluorine; Gramineae -other; Metabolites From Pesticides; Pesticide Residues; ...4.1021

ANALYTICAL METHODS FOR HERBICIDES AND RESIDUES ...Chemical Analysis; Metabolites From Pesticides; Pesticide Residues; Solvents Or Carriers; Temperature - Air; ...4.1027

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENT ...Chemical Analysis; Pesticide Persistance in Soils; Pesticides -nonspecific; Soil Chemical Properties; ...4.1034

METHODS OF ANALYSIS FOR PESTICIDES ...Aroclor; Chemical Analysis; Metabolites From Pesticides; Pesticide Toxicity in Animals; Wildlife Toxicity; ...4.1040

DEVELOPMENT OF TECHNIQUES FOR IDENTIFICATION OF PESTICIDES AND THEIR METABOLITES BY MASS SPECTROMETRY ...Carbon; Chemical Analysis (water); Insecticides -nonspecific; Mass Spectroscopy; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.1056

IMPROVED CLEANUP PROCEDURE FOR THE REMOVAL OF LIPIDS FROM FISH EXTRACTS--CHLORINATED HYDROCARBON RESIDUE ANALYSIS ...Chemical Analysis; Column Chromatography; Fish; Pesticides -nonspecific; Thin Layer Chromatography; ...4.1058

EVALUATION OF NATURALLY OCCURRING HALOGENATED COMPOUNDS AS POSSIBLE INTERFERENCES IN PESTICIDE RESIDUE ANALYSIS ...Chemical Analysis; Chlorinated Hydrocarbons; Chlorine; Infrared Spectroscopy; Polychlorinated Biphenyl Cpds.; Thin Layer Chromatography; ...4.1059

DEVELOPMENT OF ANALYTICAL METHODS FOR SELECTED HERBICIDES ...Chemical Analysis; Chemical Analysis (water); Handbooks; Herbicides -nonspecific; Literature Search; Pesticides -see Pesticide; Radioisotopes -nonspecific; ...4.1060

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analysis; D, 2,4-; Diazinon; Malathion; Methoxychlor; Ponds; Thin Layer Chromatography; ...4.1061

STRUCTURE ANALYSIS OF TRACE PESTICIDE RESIDUES BY GLC ...Biodegradation; Metabolites From Pesticides; Pesticides - nonspecific; ...4.1065

MECHANISMS OF THE OXIDATIVE DEGRADATION OF PESTICIDE MALEIC-HYDRAZIDE ...Chemical Analysis; Environment Accumulation Rates; Isotope Tracer -see Tracers; Oxidation; Pesticide Action on Plants; Pesticide Residues; Thin Layer Chromatography; ...4.1068

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Ciodrin; DDT; Ericaceae; Gardona; Metabolites From Pesticides; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant Growth Regulators -ns.; ...4.1076

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Dichlobenil; Groundwater; Pesticide Legal Aspects; Pesticide Persistance in Soils; Soil Chemical Properties; Terbacil; Water Pollutants - Path of; ...4.1091

PESTICIDE ANALYSIS, COLLEGE STATION ...Aliphatic Carbamates; Gc 6506; Muridae; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Thin Layer Chromatography; ...4.1122

PHYSICAL METHODS OF IDENTIFICATION AND DETERMINATION OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ...Chemical Analysis; Metabolites From Pesticides; Organophosphorous Cpds.; ...4.1129

METHODS OF ANALYSIS FOR PESTICIDES, YAKIMA ...Aliphatic Carbamates; Chemical Analysis; Furadan; Metabolites From Pesticides; Pesticide Persistance in Soils; Sevin; ...4.1130

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Bacillus Thuringiensis; Brassica Species; Chemical Analysis; Pesticide Evaluation; Pesticide Residues; Soil Contamination -other; Thimet; ...4.1132

RADIATION CHEMISTRY AND RADIOBIOLOGY OF MEDIUM EFFECTS ...Aldehydes -nonspecific; Microorganisms; Radiation; Radiation Dose Studies-general; Radiolysis; Thin Layer Chromatography; ...5.0590

ULTRA LOW LEVEL RADIONUCLIDE ANALYSIS ...Analysis and Detection; Chemical Analysis (water); Detectors and Sensors; Gamma Spectroscopy; Ion Exchange; Organic Matter; Trace Elements; ...5.0919

Gel Chromatography

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdaa; Chemical Analysis; Citrus; D, 2,4-; Naa; Pesticide Residues; Vernolate; ...4.0237

EFFECT OF PESTICIDES ON ENZYMES ...Caldariomyces; Cellular Catabolism-see Degrad; DDT; Parathion; ...4.1031

Ion Exchange Chromatography

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Bacterial Population Surveys; Column Chromatography; Electrophoresis; Isotope Tracer -see Tracers; Phosphorus; Sewage; Sewage Bacteria; ...2.0020

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

Liquid Chromatography

AIR & WATER POLLUTION PPBS-20 5-12 FUELS COMBUSTION RESEARCH ...Combustion; Diesel; Engines; Fuels; Gas Chromatography; Oxidants; ...1.0125

GAS-OFF STUDIES ON NONMETALLIC MATERIALS USED IN AIR FORCE SYSTEMS ...Aircraft, Space Applcn.; Chemical Mechanisms & Kinetics; Gas Chromatography; Impurity; Infrared Spectroscopy; Mass Spectroscopy; ...1.0285

DEVELOP A SEMI-AUTOMATED ANALYSIS FOR BENZO(A)PYRENE ...Air Pollution-chemistry; ...1.0763

LIQUID CHROMATOGRAPHY STUDIES ...Air Pollution -see Specifics; Air Pollution-chemistry; Biochemical Analysis - Tissues; Chemical Carcinogenesis; Chromatography; Column Chromatography; ...1.0793

Paper Choromatography

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Bacterial Population Surveys; Column Chromatography; Electrophoresis; Isotope Tracer -see Tracers; Phosphorus; Sewage; Sewage Bacteria; ...2.0020

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Digestive System - Human; Freezing; Muridae; Photochemical Reactions; Radiation; Radiation Effects - Biological; Urine; ...5.0573

Partition Chromatography

CHROMATOGRAPHIC CONCENTRATION OF PESTICIDES FROM A LARGE MASS OF WATEP ...Analysis and Detection;

Chemical Extraction; Column Chromatography; Distribution Coefficient; Pesticide Residues Removal; Pesticides -nonspecific; Pesticides -see Pesticide; ...2.0710

Thin Layer Chromatography

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Air Pollution-chemistry; Combustion; Effects; Mechanism Determination; Oxidants; Photochemical Reactions; Solar Radiation - sunshine; ...1.0006

ANALYSIS OF CHEMICAL COMPOUNDS IN AN URBAN AEROSOL ...Aerosols; Air Pollution; Air Pollution-chemistry; Chromatography; Coulometry; Particulates - Air Pollution; ...1.0135

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Catalysts; Combustion; Fire Research -see Forest Fire; Food Contamination; Fuels; Mass Spectroscopy; Pyrolysis; ...1.0149

DEVELOP AND EVALUATE A ROUTINE METHOD FOR MEASURING BENZANTHRONE ...Air Pollution-chemistry; Fluorometry; Particulates - Air Pollution; ...1.0764

ANALYZE COLLECTED SAMPLES OF SUSPENDED PARTICULATE MATTER FOR BENZENE SOLUBLE ORGANICS AND FOR BENZO(A)PYRENE ...Air Pollution Analysis; Air Pollution-chemistry; Fluorometry; Particulates - Air Pollution; ...1.0825

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Water Pollutants - Path of; ...2.0239

CONTROL OF POLLUTION FROM OUTBOARD ENGINES EXHAUST: A RECONNAISSANCE STUDY ...Air Cleaning Devices; Combustion; Gas Chromatography; Water Purification; ...2.0275

ORGANIC COMPOUNDS IN ALASKA PERMAFROST GROUNDWATER ...Alaska; Groundwater; Permafrost - Frozen Soils; Water Pollutant Identification; ...2.0471

DEVELOPMENT OF INSTRUMENTAL TECHNIQUES FOR THE ANALYSIS OF TRACE ORGANIC CONSTITUENTS IN WATER ...Chromatography; Gas Chromatography; Odor; Potable Water; Trace Analysis; ...2.0525

RECOVERY, SEPARATION AND IDENTIFICATION OF PHENOLIC COMPOUNDS, NEW JERSEY ...Chemical Analysis (water); Distillation; Infrared Spectroscopy; New Jersey; Separation; Ultraviolet Spectroscopy; ...2.0681

THE CHARACTERIZATION OF SOLUBLE PHOSPHORUS COMPOUNDS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Activated Sludge; Densitometer; Hydrolysis, Esterification; Sewage - Domestic; Tertiary Treatment; ...2.1303

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific; Calorimetry; Degradation; Fungi -nonspecific; Industrial Wastes; Photolysis; Pulp and Paper Wastes; Waste Water Degradation; ...3.0284

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Gas Chromatography; Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; ...4.0123

DEVELOPMENT OF TECHNIQUES FOR IDENTIFICATION OF PESTICIDES AND THEIR METABOLITES BY MASS SPECTROMETRY ...Carbon; Chemical Analysis (water); Insecticides - nonspecific; Mass Spectroscopy; Pesticides -see Pesticide; ...4.1056

IMPROVED CLEANUP PROCEDURE FOR THE REMOVAL OF LIPIDS FROM FISH EXTRACTS-CHLORINATED HYDROCARBON RESIDUE ANALYSIS ...Chemical Analysis; Column Chromatography; Fish; Gas Chromatography; Pesticides - nonspecific; ...4.1038

EVALUATION OF NATURALLY OCCURRING HALOGENATED COMPOUNDS AS POSSIBLE INTERFERENCES IN PESTICIDE RESIDUE ANALYSIS ...Chemical Analysis; Chlorinated Hydrocarbons; Chlorine; Gas Chromatography; Infrared Spectroscopy; Polychlorinated Biphenyl Cpds.; ...4.1059

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analysis; D, 2,4-; Diazinon; Gas Chromatography; Malathion; Methoxychlor; Ponds; ...4.1061

MECHANISMS OF THE OXIDATIVE DEGRADATION OF PESTICIDE MALEIC-HYDRAZIDE ...Chemical Analysis; Environment Accumulation Rates; Isotope Tracer -see Tracers; Oxidation; Pesticide Action on Plants; Pesticide Residues; ...4.1068

PESTICIDE ANALYSIS, COLLEGE STATION ...Aliphatic Carbamates; Gc 6506; Muridae; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; ...4.1122

RADIATION CHEMISTRY AND RADIOBIOLOGY OF MEDIUM EFFECTS ...Aldehydes -nonspecific; Gas Chromatography; Microorganisms; Radiation; Radiation Dose Studies-general; Radiolysis; ...5.0590

Circulation (water)

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Cladocera; Eutrophication; New York; Percidae; Plankton Sampling; Primary Productivity - Plants; Zooplankton; ...2.0265

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

EUROPHICATION - PHYSICAL ECOLOGICAL CONTROL ...Algae -nonspecific; Chemical Water Properties; Cultural Control; Environmental Influences; Eutrophication; Physical Water Properties; Stratification (water); Water Quality Control -general; ...2.0334

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Copepoda; Eutrophication; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Puget Sound; Tides; Wind; ...2.0423

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS ...Biological Water Properties; Eutrophication; Fish Food Organisms; Nutrients; Phytoplankton; Water Bacteria; Wisconsin; ...2.0443

AN ECOLOGICAL STUDY OF THE LOWER HOUSATONIC RIVER - PHASE I - SURVEY OF THE CHEMICAL ASPECTS OF THE RIVER ...Alkalinity (water); Chemical Water Properties; Connecticut; Ecological Effects; Optical Properties of Water; Survey Studies (water); Zinc; ...2.0523

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

THE BEHAVIOR OF SMALLMOUTH BASS AS RELATED TO ARTIFICIAL COVER ...Acidity (water); Aquatic Ecology - Animal; Fish Food Supply -other; Mining Industry; Population Dynamics -general; Water Pollutant Identification; ...2.0762

RADIONUCLIDES IN SAVANNAH RIVER ESTUARY AND COASTAL WATERS ...Atlantic Ocean; Estuaries; Marine Geology; Radioactivity; South Carolina; Water Pollution Sources; ...2.0792

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

ARTIFICIAL SUBSTRATE SAMPLERS AS INDICATORS OF WATER QUALITY ...Bioindicators; Bottom Sampling; Currents (water); Periphyton; Statistics; Water Pollutant Identification; ...2.0860

APPLICATION OF REMOTE SENSING TO SURFACE PARAMETERS OF LARGE WATER BODIES ...Aircraft Remote Sensing; Energy Conversion; Microwave Radiation; Petroleum Wastes - Spillage; Thermal Pollution; ...2.0864

DETERMINATION OF THE FEASIBILITY OF REMOVAL OF ALGAL NUTRIENTS IN LAKE WATERS BY ION-EXCHANGE ...Acidity (water); Eutrophication; Ion Exchange; Massachusetts; Nutrients; Water Chemistry; ...2.1660

WATER QUALITY CONTROL ...Economic Efficiency; Flow Characteristics (water); Industrial Wastes; Model Studies; North Carolina; Systems Analysis - Water Mgmt; Water Quality - general; Water Resources Protection; ...2.1104

HORIZONTAL DISPERSION IN SHALLOW ESTUARIES OF IRREGULAR SHAPE ...Development of Models; Dispersion (water); Estuaries; Gulf of Mexico; Model Studies; Ocean Circulation -general; Water Quality -general; ...2.1107

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

DIATOM REMOVAL BY FLOCCULATION ...Algal Pollutant Sources; Contamination - Water; Flocculation; Oxidation; Pollutant Removal; Temperature (water); ...2.1251

RELATIONSHIPS BETWEEN LOGGING ACTIVITIES AND SALMON PRODUCTION ...Aquatic Ecology - Animal; Environmental Ecology; Sediments; Spawn Or Nesting Sites; ...2.1478

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Biological Water Properties; Ecological Effects; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plant Freshwater Ecology; Soil Tillage; Water Properties -general; ...2.1494

ECOLOGICAL AND LIMNOLOGICAL IMPACT OF THE CONSTRUCTION AND OPERATION OF PUMP-BACK STORAGE PROJECTS ...Electric Power Plants; Environmental Aspects; Power Reservoirs; Temperature Or Heat Budgets; Western U. S.; ...2.1509

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Contamination - Water; Environmental Ecology; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Pesticides -nonspecific; Spawn Or Nesting Sites; Temperature (water); ...2.1516

ENVIRONMENTAL CONTROL SYSTEM FOR OYSTER FARMING ...Chemical Measurements (water); Delaware; Nutrient Studies -animal; Salinity (water); Spawning & Nesting Sites; Temperature (water); ...2.1521

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Preimpoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

AN ENVIRONMENTAL SURVEY OF THE DAMARISCOTTA RIVER ESTUARY, LINCOLN COUNTY, MAINE ...Bottom Sampling; Core Analysis; Estuaries; Maine; Salinity (water); Sewage; ...2.1570

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bays; Ecological Effects; Energy Conversion; Invertebrate Physiology; Long Island Sound; Mollusca; Population Dynamics - general; Temperature (water); Zooplankton; ...2.1638

ENVIRONMENTAL FACTORS AFFECTING FISHERIES ...Clupeidae; Delaware River; Environment Resistance-animals; Osteichthyes -other; Pleuronectidae; Spawning & Nesting Sites; Temperature (water); ...2.1642

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

IMMEDIATE EFFECTS OF LOGGING ON THE FRESHWATER ENVIRONMENT OF SALMONIDS ...Acidity (water); Forest Debris; Lumbering -general; Population Dynamics -general; Salmonidae; Temperature (water); ...2.1681

PHYSICAL FACTORS AFFECTING OREGON COASTAL POLLUTION ...Density; Marine Environments; Oregon; Tides; ...2.1683

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology; Degradation -see Pesticide Deg; Energy Conversion; Fish; Heat Recovery, Industrial; Induced Temperature; Organic Water Properties; Phytoplankton; Primary Productivity - Plants; ...2.1736

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

TOXICITY OF POLYCHLOROBIPHENYL (PCB) COMPOUNDS TO FRESHWATER INVERTEBRATES ...Bioassay; Invertebrates -nonspecific; Pesticide Toxicity in Animals; Temperature (water); ...4.0735

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Cesium; Contamination - Water; Cyprinidae; Energy Budgets; Plant Ecology -nonspecific; Radioactive Fallout; Reactor Sites & Rad Waste; Strontium; ...5.0038

Civil Defense

CIVIL DEFENSE IMPLICATIONS OF A NUCLEAR POWER REACTOR IN A THERMONUCLEAR TARGET AREA ...Atomic Plants; Core Reactors; Fission Products-see Radioact.; Nuclear Detonations; Nuclear Power; Radiation, Lethal Dose; X and Gamma Rays; ...5.0070

BIOMEDICAL EFFECTS OF EXPLOSIONS ...Atomic Bomb; Injury and Shock; Nuclear Warfare; Radioisotopes -nonspecific; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0437

CALCULATION OF BETA DOSES FROM FALLOUT ...Beta Particles; Radiation Dose Studies-general; Radiologic Health; ...5.0789

CIVIL DEFENSE IN THE SOVIET UNION ...Russia; ...5.0932

Clay Soils

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Animal Wastes - Feed Lots; Contamination - Soil; Fertilizers; Nutrients; Percolation (water); Soil Analysis; Soil Minerals -natural; Water Pollutants - Path of; ...2.0081

NITRATES IN PLANTS AND WATER SUPPLIES FROM NITROGEN FERTILIZATION ...Agricultural Runoff; Groundwater; Soil Depth; Soil Types -also See Specifics; Water Wells; ...2.0223

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

EFFECTS OF SOUTH SHORE DRAINAGE BASINS AND CLAY EROSION ON THE PHYSICAL AND CHEMICAL LIMNOLOGY OF WESTERN LAKE SUPERIOR ...Chemical Analysis (water); Facies; Lake Superior; Pleistocene Epoch; Water Quality -general; ...2.0459

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-, Erosion; Infiltration; Lysimeters, Mathematical Models; Pesticide Movement in Soils;

Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Leaching; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Filters; Soil Organic Content; Soil Texture; Waste Disposal on Soils; ...2.0988

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Tillage, Cropping Systems; Waste Water Treatment -general; Water Pollution Effects; ...2.1665

EFFECTS OF SUGAR REFINING LOGOON EFFLUENTS ON FARGO CLAY ...Biochemical Oxygen Demand; Chemical Effects; Effluents - Waste Water; Infiltration; Sewage Lagoons; Tillage, Cropping Systems; ...2.1666

EVALUATION OF THE NITROGEN, PHOSPHORUS AND POTASSIUM CONTENT OF POULTRY MANURE ...Farm Animal Wastes; Mineral Nutrition; Poultry -nonspecific; ...3.0002

CLAY-WATER SYSTEMS IN RELATION TO ENGINEERING PROPERTIES OF CLAY MATERIALS ...Infiltration; Mass Wasting, Geological; Septic Tanks; Size; Suburban Areas; Urban Research -general; ...3.0050

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Farm Animal Wastes; Irrigation; Livestock -nonspecific; Poultry -nonspecific; Silty Soils; Soil Types -also See Specifics; Waste Disposal on Soils; Zea Mays - Field Corn; ...3.0147

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Contamination - Soil; Farm Animal Wastes; Groundwater; Playas; Rock - Soil Pollution; Soil Microbiology; Sorghum; Water Pollutants - Path of; ...3.0320

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Aquatic Ecology - Animal; Dieldrin; Farm Pond; Georgia; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Plant Ecology -nonspecific; ...4.0025

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Low Temp. - But Above 32f; Pesticide Action on Plants; Pesticide Residues; Plant Resistance; Soil Microbiology; Translocation; ...4.0032

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Loam -see Soil Types; Pesticide Persistance in Soils; Silty Soils; Soil Moisture; Soil Temp. -non-specific; ...4.0084

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Formulations -nonspecific; Herbicides -nonspecific; Loam -see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Environmental Geology; Groundwater; Ipazine; Pesticides -see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Cotoran; Foreign Agriculture; Igran, Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

NEUTRALIZATION REACTIONS IN ACID SOIL AND CLAY SYSTEMS AND THEIR EFFECT ON PLANT GROWTH ...Atrazine; Plant Tissue Analysis -chem.; Soil Chemical Properties; Soil pH; ...4.0122

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

FATE OF PESTICIDES IN CLAY AND SOIL SYSTEMS ...Diphenamid; Linuron; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0147

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils - see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

INTERACTION OF HERBICIDES AND SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Degradation -see Pesticide Deg; Microorganisms -nonspecific; Pesticide Persistance in Soils; Pesticide Residues Removal; Soil Aeration; Soil Microbiology; ...4.0153

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Fenuron; Monuron; Pesticide Movement in Soils; Soil Chemical Properties; Soil Monture; ...4.0156

CHEMISTRY OF ADSORPTION OF PESTICIDES ON SOIL SILICATES ...Chromatography; Diquat; Humidity; Paraquat; Pesticide Persistance in Soils; Soil Chemical Properties; Soil pH; ...4.0157

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Na; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion, Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

SOILS, PESTICIDES, AND THE QUALITY OF WATER ...Adsorption; Pesticide Formulation; Pesticides -nonspecific; Sandy Soils - see Soil Type; Soil Thermal Properties; ...4.0187

TRANSFORMATION, MOVEMENT, DISAPPEARANCE OF PESTICIDES AND RESIDUES IN SOILS ...Pesticide Movement in Soils; Pesticide Persistance in Soils; Picloram; Silty Soils; Soil Organic Content; Soil pH; Soil Texture; ...4.0193

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Climates -general; Flood Irrigation; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Residues; Sandy Soils -see Soil Type; Sprinkler Irrigation; Urea Cpds. -nonspecific; ...4.0484

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; Trifluralin; ...4.0950

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC. IN SOILS ...Antibiotics -nonspecific; Benzoic Acid Cpds.; Herbicides -nonspecific; Loam -see Soil Types; Microorganisms -nonspecific; Nitrosomonas -nonspecific; Pesticide Persistance in Soils; Plant Residues, Humus, Compost; Soil Microbiology; ...4.1051

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Adsorption Capacity; Cesium; Composition Controls; Diffraction; Ion Exchange; Mineralogy; Soil Chemical Properties; Soil Chemistry; X-ray Spectroscopy; ...5.0025

DEVELOP TECHNIQUES FOR DECONTAMINATING SOILS POLLUTED WITH RADIOACTIVE MATERIALS OR HEAVY METALS ...Bioindicators; Lead; Mineral Nutrition; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Zea Mays - Field Corn; ...5.0041

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Arid and Desert Regions; Mineral Nutrition; Plants; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Soil Moisture; X and Gamma Rays; ...5.0159

CHARACTERIZATION OF SOIL & VEGETATION TO SERVE AS A BASIS FOR FUTURE EVALUATIONS OF RADIOACTIVE CONTAMINATION EFFECTS (ABBREV) ...Absorption (incl. Adsorption); Chemical Extraction; Diquat; Paraquat; Radioactive Fallout; Soil Water Plant Relationships; Water Pollutants - Path of; ...5.0579

Climates -general

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS ...Air Pollution - see Specifics; Carbon Monoxide; Fire Behavior - Identification; Fire Prevention; Fire Research -see Forest Fire; Forest Environment -general; Forest Litter, Duff & Humus; Pinus Taeda; ...1.0043

PRODUCTION PRACTICES FOR FRUITS ...Air Pollution -see Specifics; Cold Resistance; Fruit, Nut, and Berry Crops; Indiana; Prunus Persica; Temperature - Air; ...1.0084

TRAVELS OF AIRBORNE POLLEN ...Air Pollution; Air Pollution -see Specifics; Atmospheric Dynamics; Engineering Sources-other; Mathematical Models; Pollen -see Pollen; Range Or Territorial Distr.; Urban Environment; ...1.0079

USSR LITERATURE ON AIR POLLUTION AND RELATED DISEASES ...Air Pollution -see Specifics; Air Pollution Effects; Environmental Effects - Human; Literature Search; Plant Habitat Studies; ...1.0211

CONTINUE QUANTITATIVE STUDIES OF RAGWEED POLLEN IN SARATOGA SPRINGS, NEW YORK IN RELATION TO DIURNAL VARIATIONS, LOCATION AND OTHER CONDITIONS ...Air Pollution Sampling; Atmospheric Dynamics; Diel, Diurnal Distribution; Humidity - Water Vapor; Pollen -see Pollen, Temperature - Air; ...1.0256

AIR POLLUTION TRAINING PROGRAM ...Air Pollution -see Specifics; Motivation and Instinct; Pesticide Action on Animals; Pesticides -nonspecific; Wildlife -nonspecific; ...1.0295

ENVIRONMENT - AIR POLLUTION INTERACTIONS ON PLANTS ...Air Pollution -see Specifics; Herbicides and Other Chem; Moisture Deficiency; Plant Pathology - Env. Relat.; Plant Response to Env. -nt; Temperature - Air; ...1.0326

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Bioindicators; B9; Liquids Or Sprays; Mineral Nutrition; Nicotiana; Pesticide Evaluation; Pesticides -other; Pollutant Resistance; Zea Mays - Field Corn; ...1.0338

ATMOSPHERIC OZONE AND WEATHER FLECK ON FLORIDA CIGAR-WRAPPER TOBACCO ...Air Masses; Gases; Nicotiana; Soil Moisture; ...1.0342

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Abscission; Air Pollution -see Specifics; Computer Methods -general; Herbicides and Other Chem; Pollutant Resistance; ...1.0357

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Humidity; Northeast U. S.; Permeability; Solanaceae; Vegetables; ...1.0369

RELATIONSHIPS BETWEEN CERTAIN AIR POLLUTANTS AND VARIOUS METEOROLOGICAL FACTORS ...Air Pollution; Air Pollution -see Specifics; Mathematical Models; Models of Biological Systems; New Jersey; Weather Forecasting; Wind; ...1.0371

AIR POLLUTION PROBLEMS IN NORTHEAST ...Air Pollution; Air Pollution -see Specifics; Nicotiana; Synoptic Weather Observations; Wind -see Air Motion; ...1.0378

EFFECTS OF AIR POLLUTANTS ON PLANT SYSTEMS ...Absorption (incl. Adsorption); Aging; Growth; Humidity; Ornamentals; Respiration; ...1.0383

FIELD BURNING AIR POLLUTION ABATEMENT INVESTIGATIONS ...Air Pollution -see Specifics; General Sanitation Methods; Herbicides -nonspecific; Plant Residues, Humus, Compost; Planting Methods; Temperature - Air; ...1.0623

THE CLIMATIC RESOURCES OF THE NORTH CENTRAL REGION ...Agricultural Studies -general; Atmospheric Dynamics; North Central U. S.; Radiation Sources -general; Weather Data; ...1.0734

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0837

ATMOSPHERIC DIFFUSION OF RADON ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Soil Conditions; Tracers; Urban Research -general; Wind; ...1.0910

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS

...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure - other; Water Reuse; ...2.0031

VEGETATIVE STABILIZATION OF MINE TAILINGS, WASTES, AND SPOILS ...Graminese -other; Mineral Nutrition; Oil Shale; Setaria, Soil Chemical Properties; Spoil Banks; ...2.0077

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects, Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

RESERVOIR SEDIMENTATION ...Aquatic Soils; Chemical Properties; Model Studies; Physical Properties; Reservoirs and Impoundments; Sedimentation; Soil Chemical Properties; Spillways; ...2.0213

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties; Contamination - Water; Environmental Influences; Mineral Nutrition; Nutrient Studies -animal; Photosynthesis; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines, ...2.0298

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension, ...2.0313

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality -general; ...2.0349

POLLUTION POTENTIAL OF RUNOFF FROM LIVESTOCK FEEDING OPERATIONS ...Agricultural Runoff; Biochemical Oxygen Demand; Chemical Oxygen Demand; Coliforms -nonspecific; Livestock -nonspecific; Precipitation; South Dakota; ...2.0361

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Agricultural Runoff; Conservation -see Soil Conser.; Land Use; Sediment Yield; Small Watersheds; Soil Cover Crops; Thunderstorms, ...2.0387

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control; Flood Routing; Forecasting - Prediction; Land Use; Mathematical Models; Rain Amount; Sediment Yield; Texas, ...2.0388

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

NUTRIENT REMOVAL FROM AGRICULTURAL WASTE WATER ...Algae -nonspecific; Drainage; Groundwater; Nutrients; Water Pollution Sources; ...2.1176

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

LAGOONS FOR DISPOSAL OF BARN YARD WASTES ...Aeration (water); Box; Effluents - Waste Water; Farm Animal Wastes; Lagoon; Microorganisms -nonspecific; Sewage Lagoons; Taste & Odor of Water; ...3.0152

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Farm Animal Wastes; Microorganisms -nonspecific; Solid Waste; Waste Disposal on Soils; ...3.0197

EVALUATION OF MEAT ANIMAL HOUSING SYSTEMS IN RELATION TO POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Dust; Farm Structures & Design; Groundwater; Space Requirements; Wind -see Air Motion; ...3.0209

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Cynodon; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

CONTROL METHODS FOR JUNIPERS, SHRUB LIVE OAK, AND ASSOCIATED WEEDS ...Fenuron; Granules, Capsules; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Plants - Dicotyledons; ...4.0007

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Aerosols - Smokes, Fogs, Steam; DDE; Endrin; Monitoring Systems; Pesticide Phytotoxicity; Radioisotopes -nonspecific; ...4.0033

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

INVESTIGATION OF PESTICIDE DRIFT IN THE LOWER RIO GRANDE VALLEY OF TEXAS ...Biological Control; Insects - Beneficial; Pesticide Drift; Population Dynamics -general; ...4.0071

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

PERSISTENCE AND DETOXIFICATION OF HERBICIDES IN SOIL ...Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Aeration; Soil pH; ...4.0136

SYSTEMS OF WEED CONTROL ...Atrazine; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Environment Accumulation Rates; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...4.0155

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

STORED GRAIN INSECT PESTS AND THEIR CONTROL IN UTTAR PRADESH, INDIA ...Foreign Agriculture; Insecticides - nonspecific; Pesticide Evaluation; Temperature - Air; Zea Mays - Field Corn; ...4.0305

INVESTIGATIONS WITH ORNAMENTAL PLANTS ...Dichlobenil; Kansas; Ornamentals; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0322

EQUIPMENT FOR IMPROVED CONTROL AND PRECISION OF APPLICATION OF AGRICULTURAL CHEMICALS ...Formulations -nonspecific; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; ...4.0370

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Economic Losses (or Benefits); Furadan; Malathion; Oleaceae; Pesticide Phytotoxicity; Population Dynamics -general; Thimet; ...4.0433

INVESTIGATIONS ON THE INFLUENCE OF HERBICIDES IN RELATION TO CROP PRODUCTION ...Herbicides and Other

Chem; Pisum; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0452

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Flood Irrigation; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Residues; Sandy Soils -see Soil Type; Sprinkler Irrigation; Urea Cpds. -nonspecific; ...4.0484

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

BEE INVESTIGATIONS ...Aquifoliaceae; Ericaceae; Lindane; Pollens -see Air Pollution; ...4.0760

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

PESTICIDE RESIDUES ...Environment Accumulation Rates; Herbicides -nonspecific; Herbicides and Other Chem, Oregon; Pesticide Action on Animals; Pesticide Persistance in Soils; Pesticides -nonspecific; ...4.0979

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Elevation Levels, Altitude; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

Climatology

URBAN AIR POLLUTION AND CLIMATIC CHANGE ...Aerosols; Particulates - Air Pollution; Urban Environment; Weather Modification; ...1.0072

STUDY BY CONTRACT THE INDOOR-OUTDOOR POLLUTION RELATIONSHIPS AT AN AIR-RIGHTS STRUCTURE AND A CANYON TYPE STRUCTURE ...Air Pollution-chemistry; Cars; Combustion; Engines; Lead; Particulates - Air Pollution; Urban Research -general; ...1.0090

DATA ANALYSIS OF LAPPES ...Atmospheric Dynamics; Energy Conversion; Gases; Power Plants; ...1.0104

PUBLIC HEALTH ECOLOGY ...Air Pollution -see Specifics; Air Pollution Effects; Aircraft Remote Sensing; Biological Effects; Sanitation; Spacecraft Sensory Devices; Water Pollution -see Specifics; ...1.0296

CLIMATOLOGICAL ASSESSMENT OF URBAN EFFECTS ON PRECIPITATION ...Atmospheric Dynamics; Clouds - Precipitation; Precipitation Patterns; Urban Research -general; ...1.0347

REGIONAL CLIMATOLOGY ...Air Pollution; Weather Data; ...1.0508

TURBIDITY NETWORK ...Aerosols; Automatic Weather Stations; Energy-radiation; Optics; Visible Light; ...1.0769

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Agricultural Runoff; Climates -general; Conservation -see Soil Conser.; Land Use; Sediment Yield; Small - Watersheds; Soil Cover Crops; Thunderstorms; ...2.0387

RESEARCH AND BASIC DATA ON THERMAL POLLUTION ...Energy Conversion; Fluid Mechanics; Heat Balance - Budget; Temperature; Weather Data; ...2.1506

FORMULATION OF A GENERAL MATHEMATICAL MODEL FOR THE PREDICTION OF THERMAL ENERGY CHANGES IN IMPOUNDMENTS ...Development of Models, Hydraulics; Reservoirs and Impoundments; Water - Alternative Uses; ...2.1798

Applied Climatology

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Model Studies; Nevada; Precipitation Forecasting; Radioactive Fallout; Seismology; Weather Forecasting; ...1.0021

METEOROLOGY FOR URBAN AID POLLUTION ...Air Pollution-chemistry; Atmospheric Dynamics; California; Gases; Oxidants; Urban Research -general; ...1.0023

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Aerosols; Air Pollution Effects; Atmospheric Dynamics; Energy-radiation; Heat Balance - Budget; Parametric Statistics; Tectonics; Visibility; ...1.0489

CLIMATOLOGY ...Atmospheric Dynamics; Diffusion; Management; Planning; Power Plants; ...1.0510

AIR POLLUTION POTENTIAL CLIMATOLOGY ...Atmospheric Dynamics; Meteorologic Instruments -gen.; Planning; Weather Data; Wind; ...1.0511

FORECAST SUPPORT ...Air Pollution; Consultants, Advisory Services; Model Studies; Weather Forecasting; ...1.0760

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0837

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

OCEAN CIRCULATION ...Air Pollution; Atlantic Ocean; Marine Environments; Mathematical Models; Model Studies; Ocean Currents; Ocean Turbulence; Temperature; ...2.0508

CHARACTERISTICS OF WASTE FROM SOUTHWESTERN CATTLE FEEDLOTS ...Agricultural Runoff; Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Management (water); Slope; Southwest U. S.; ...3.0321

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL INFORMATION PROCESSING, STORAGE, AND RETRIEVAL ...Chemical Water Properties; Data Reduction and Analysis; Electric Power Plants; Information Science; Information Systems; Thermal Pollution; Water Pollution Sources; ...5.0072

Climatography

URBAN CLIMATOLOGY ...Microclimates; Minnesota; Precipitation Amount; Rain; Temperature; Urban Research -general; Weather Data; ...1.0067

INTERDISCIPLINARY RESEARCH PROGRAM IN CLIMATOLOGY ...Energy Conversion; Model Studies; Paleoclimatology; Particulates - Air Pollution; Physical Climatology; Weather Modification; ...1.0434

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0837

Physical Climatology

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

INTERDISCIPLINARY RESEARCH PROGRAM IN CLIMATOLOGY ...Climatography; Energy Conversion; Model Studies; Paleoclimatology; Particulates - Air Pollution; Weather Modification; ...1.0434

THE CLIMATIC RESOURCES OF THE NORTH CENTRAL REGION ...Agricultural Studies -general; Atmospheric Dynamics; North Central U. S.; Radiation Sources -general; Weather Data; ...1.0734

EUTROPHIC EVALUATION OF A SMALL MULTI-LAND USE WATERSHED ...Environmental Geology; Lake Michigan; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Small Watersheds; Urban Environment; Wisconsin; ...2.0455

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research -general; ...2.0811

Clouds

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Atmosphere Disturbance; Cloud Temperature; Color - Brightness; Computer Models; Cumulus; Microwave Radiation; Radiation Balance -cloud; Simulation Theory; Temperature; ...1.0388

LIDAR MEASUREMENT OF BACKSCATTER COEFFICIENT RELATED TO INFRARED EMISSIVITY OF CLOUDS ...Airplanes; Bomex; Cirrus; Infrared Radiation; Weather Radar; ...1.0674

Cirrus

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution; Circulation - Patterns; Forecasting - Prediction; Mesometeorology; Prediction; Statistics; Urban Environment; Weather Modification; ...1.0022

THERMAL MODIFICATION ...Aerosols; Great Lakes -see Specific Lake; Heat Balance - Budget; Humidity - Water Vapor; New York; Solar Radiation -sunshine; Temperature; Weather Modification; ...1.0024

LIDAR MEASUREMENT OF BACKSCATTER COEFFICIENT RELATED TO INFRARED EMISSIVITY OF CLOUDS ...Airplanes; Bomex; Clouds; Infrared Radiation; Weather Radar; ...1.0674

Cloud Formation and Evolution

IN-CLOUD SCAVENGING ...Adsorption Capacity; Atmospheric Dynamics; Cloud Motions - Movement; Model Studies; Radioactive Fallout; Tracers; Wind; ...2.0417

Cloud Motions - Movement

IN-CLOUD SCAVENGING ...Adsorption Capacity; Atmospheric Dynamics; Model Studies; Radioactive Fallout; Tracers; Wind; ...2.0417

Cloud Patterns

INTERACTIONS BETWEEN THE GREAT LAKES AND THE ATMOSPHERE ...Air - Sea Boundary Studies; Circulation - Patterns; Condensation Physics; Mesometeorology; Model Studies; Snow Modification; ...1.0377

Cloud Physics

URBAN AIR POLLUTION AND CLIMATIC CHANGE ...Aerosols; Climatology; Particulates - Air Pollution; Urban Environment; Weather Modification; ...1.0072

WIND TUNNEL INVESTIGATION OF MICROPHYSICAL PROCESSES IN SUPERCOOLED CLOUDS ...Atmospheric Dynamics; California; Condensation Physics; Nucleation Physics; Wind Tunnels; ...1.0315

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Illinois; Model Studies; Precipitation Gages; Radiotracers -see Tracers; Tracers; ...2.0133

RAIN SCAVENGING STUDIES ...Air Pollution; Atmosphere Disturbance; Diffusion; Lead; Tracers; ...2.0194

IN-CLOUD SCAVENGING ...Adsorption Capacity; Atmospheric Dynamics; Cloud Motions - Movement; Model Studies; Radioactive Fallout; Tracers; Wind; ...2.0417

Cloud Structure

INADVERTENT WEATHER MODIFICATION BY URBAN POLLUTION ...Aerosols; Air Pollution Effects; Mathematical Models; Precipitation Modification; ...1.0438

Cloud Temperature

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Atmosphere Disturbance; Color - Brightness; Computer Models; Cumulus; Microwave Radiation; Radiation Balance -cloud; Simulation Theory; Temperature; ...1.0358

Cumulus

LIDAR OBSERVATIONS OF LOWER TROPOSPHERIC AEROSOL DISTRIBUTIONS DURING BOMEX ...Aerosols; Atmospheric Dynamics; Condensation Physics; Electronic Detection, Tracking; Heat and Radiation Transfer; Inversion; Particulates - Air Pollution; ...1.0011

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Atmosphere Disturbance; Cloud Temperature; Color - Brightness; Computer Models; Microwave Radiation; Radiation Balance -cloud; Simulation Theory; Temperature; ...1.0358

Radiation Balance -cloud

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Atmosphere Disturbance; Cloud Temperature; Color - Brightness; Computer Models; Cumulus; Microwave Radiation; Simulation Theory; Temperature; ...1.0358

Coal

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Combustion Air Pollution-gen; Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

AERODYNAMICS OF FORMATION OF CLOUDS OF FLOAT COAL DUST ...Geological Exploration; Mine Atmosphere Conditions; Particulates - Air Pollution; ...1.0134

THE SOCIAL AND ECONOMIC IMPACT OF THE SUBSTITUTION OF LOW SULFUR COAL FOR HIGH SULFUR COAL - A PILOT STUDY OF MONONGALIA COUNTY, W. VA. ...Combustion Air Pollution-gen; Economic Geology -general; Extractive Natural Resources; Legal Studies-general; Regional Economics; West Virginia; ...1.0445

REDUCTION OF ATMOSPHERIC POLLUTION BY THE APPLICATION OF FLUIDIZED-BED COMBUSTION ...Combustion Air Pollution-gen; Gases; Mechanism Determination; Oil and Natural Gas - Sulfur; ...1.0550

ENVIRONMENTAL CONTROL RESEARCH - CONTROL TECHNIQUES DEVELOPMENT ...Air Pollution Analysis; Drilling and Coring; Gases; Mine Atmosphere Conditions; Mine Hydrology; ...1.0630

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0139

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0308

STRIP-MINING AND WATER QUALITY ...Acidity (water); Chemical Analysis (water); Erosion; Mine Wastes; Rainfall Simulators; Spoil Banks; Thermal Poll. -see Water Poll.; ...2.0309

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Drilling Operation; Groundwater; Iron; Pennsylvania; Underground Workings; Water Table; ...2.0340

SANITARY LANDFILLS IN COAL STRIP MINES ...Groundwater; Leaching; Sanitary Landfills; Water Pollutants - Path of; Water Quality Control -general; ...2.0341

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser., Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation; Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

MINING OPERATIONS FOR THE REDUCTION OF HARMFUL DRAINAGE FROM UNDERGROUND COAL MINES ...Acid Mine Drainage; Mine Engineering; Survey Studies (water); Underground Working; Water Pollution Abatement; Water Resources Protection; ...2.0433

HYDROLOGY AND WATER QUALITY OF SURFACE MINING FOR COAL IN PIKE COUNTY, INDIANA ...Automatic Data Aquisition; Indiana; Mining Industry; Soil Tillage; Strip Mines; Water Quality -general; ...2.0582

ESTIMATING ACID MINE DRAINAGE POTENTIAL FROM COAL BEDS BY USE OF THE SOXHLET EXTRACTOR ...Acid Mine Wastes; Acidity (water); Coal Research; Drainage; Mine Hydrology; Temperature; Water Pollutant Identification; ...2.0732

TREATMENT OF COAL MINE WATERS TO MEET CURRENT COMMONWEALTH WATER DISCHARGE REQUIREMENTS

...Pennsylvania; Waste Management -see Specific; Waste Treatment Economics; Water Pollution Sources; ...3.0937

INORGANIC SULFUR OXIDATION BY IRON-OXIDIZING BACTERIA ...Acid Mine Drainage; Alkalinity (water); Bacterial Pollutant Sources; Iron Bacteria; ...2.1068

REMOVAL OF TRACE ORGANICS FROM WATER BY ADSORPTION ON COAL ...Adsorption; Fluidized Bed Reactor; Kinetics; Organics; Utilization; Waste Water Treatment -general; Water Chemistry; ...2.1120

DEVELOPMENT OF PULSATING ADSORPTION FILTER FOR TERTIARY TREATMENT OF WASTE WATERS ...Adsorption; Ash-coal Filters; Organic Matter; Pilot Plants; Sand Filters; Tertiary Treatment; Waste Water Degradation; ...2.1270

LIME-LIMESTONE NEUTRALIZATION OF ACID MINE DRAINAGE ...Acid Mine Wastes; Acidity (water); Drainage; Illinois; Lime Treatment; Limestone-general; Neutralization; ...2.1329

RECOVERY OF IRON IN A MORE DENSE FORM FROM COAL MINE DRAINAGE ...Acid Mine Wastes; Bench Scale; Mine Drainage Control; Mineral Processing Industry; Waste Material Recovery; ...2.1393

ENVIRONMENTAL CONTROL RESEARCH CONTROL TECHNIQUES, FIELD TESTING, AND EVALUATION ...Acid Mine Drainage; Chemical Analysis (water); Data Acquisition; Effluents - Waste Water; Mine Drainage Control; Mining Industry; Water Pollution Sources; ...2.1491

IMPROVED EXTRACTION SYSTEM - WATER CONTROL - CONTROL TECHNIQUES, FIELD TESTING AND EVALUATION ...Acid Mine Drainage; Analytical Instruments; Data Acquisition; Geology -general; Mine Atmosphere Conditions; Soil Tillage; ...2.1492

A DEMONSTRATION OF A NEW MINING TECHNIQUE TO PREVENT THE FORMATION OF MINE ACID IN AN ACTIVE DEEP COAL MINE ...Acid Mine Drainage; Explosions - Fires; Mine Drainage Control; Mine Hydrology; ...2.1450

STUDY OF POSSIBLE EFFECTS OF STRIP COAL MINING ON THE HYDROLOGICAL REGIMEN IN EASTERN MONTANA ...Groundwater; Mine Wastes; Montana; Rainfall - Runoff Relationship; Soil Tillage; Water Pollution Sources; Water Storage; ...2.1636

HYDROLOGIC INFLUENCES OF STRIP MINING, BEAVER CREEK, KENTUCKY ...Appalachia; Cumberland River; Kentucky; Small Watersheds; Strip Mines; ...2.1670

COAL STRIP MINE WATERSHED DEMONSTRATION--JACKSON COUNTY, ALABAMA ...Alabama; Strip Mines; Water Pollution Effects; Water Quality -general; ...2.1715

COAL STRIP MINE WATERSHED STUDY ...Alabama; Data Acquisition; Engineering Structures-general; Pollution Effects -see Water; Soil Tillage; Strip Mines; Water Quality -general; Watersheds; ...2.1719

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

EVALUATION AND DEVELOPMENT OF SPECIAL PURPOSE COALS ...Ash-coal Filters; Chemical Analysis -general; Coal Research; Gasification; Reaction; Separation; Utilization; ...3.0304

Anthracite

DRAINAGE OF PENNSYLVANIA ANTHRACITE MINES ...Acid Mine Drainage; Data Acquisition; Local Stratigraphy; Mine Hydrology; Structural Analysis - Geology; ...3.0093

NORTHERN ANTHRACITE FIELD ...Economic Mineral Appraisals; Geologic Maps; Pennsylvanian Period; Structural Analysis - Geology; ...3.0024

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES ...Contamination; Industrial Wastes; Infiltration; Leaching; Mine Wastes; Percolation (water); Site -see Waste Disposal; ...3.0032

Bituminous

CHARACTERISTICS OF DRAINAGE FROM DEEP BITUMINOUS COAL MINES IN WESTERN PENNSYLVANIA ...Acid Mine Drainage; Data Reduction and Analysis; Pennsylvania; Waste Water Treatment -general; ...2.0751

CHEMICAL CHARACTERISTICS OF WATERS IN FLOODED BITUMINOUS-COAL MINESHAFTS ...Acidity (water); Chemical Water Properties; Geochemical Analysis (water); Mine Drainage Control; Mine Hydrology; Mineralization; Water Pollutant Identification; ...3.0032

Peat

PEAT STUDIES ...Environmental Geology; Maryland; Pennsylvania; Sediment Lithification; West Virginia; ...3.0360

Coal Research

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0010

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Energy Conversion; Heating Units; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers; Wind Tunnels; ...1.0031

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Air Pollution-chemistry; Boilers; Combustion; Energy Conversion; Lignite; Pilot Plants; Power Plants -see Specifics; ...1.0117

INFRARED SPECTROSCOPIC ANALYSIS OF TRACE POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Combustion; Fluidized Bed Reactor; Infrared Spectroscopy; Power Plants; Trace Analysis; ...1.0165

SYSTEMS EVALUATION OF REFUSE AS A LOW SULFUR FUEL ...Air Cleaning Devices; Disposal; Incineration; Power Plants; Urban Research -general; ...1.0439

HIGH SULFUR COMBUSTOR STUDY ...Combustion; Desulfurization; Sulfur Dioxide Removal; ...1.0449

FOSSIL FUEL COST AVAILABILITY MODELS ...Literature Search; Marketing; Sulfur Dioxide Removal; ...1.0472

DETERMINATION OF MASS FLOW AND CONCENTRATION OF SUSPENSIONS ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Dust; Electrostatic; Fuels; Furnace and Incinerator Design; ...1.0554

PILOT PLAN STUDY OF LIMESTONE-WET SCRUBBING IN A TURBULENT CONTACT ABSORBER ...Absorption - Chemistry; Combustion; Oxidation; Pilot Plants; Scrubbers; Sulfur Dioxide Removal; ...1.0594

APPLICATIONS OF CRYOGENIC TECHNIQUES TO PROBLEMS IN AIR POLLUTION ...Air Pollution Monitoring; Atomic Plants; Combustion; Detectors and Sensors; Gases; Nuclear Reactor; Temperature Effects; ...1.0624

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GASES ...Absorption - Chemistry; Air Pollution-chemistry; Energy Conversion; Petroleum Research; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0632

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Air Pollution-chemistry; Combustion; Furnace and Incinerator Design; Packed Bed Reactor; Process Waste Recovery; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0661

CONTINUOUS PARTICULATE MONITORS FOR FOSSIL FUEL COMBUSTION SOURCES ...Air Pollution Monitoring; Air Pollution-chemistry; Combustion; Exhaust, Combustion -see Auto; Particulate Matter - Air Poll.; Particulates - Air Pollution; ...1.0733

NUCLEAR METHODS OF ANALYSIS ...Activation Analysis; Desulfurization; Fluid Mechanics; Pilot Plants; ...1.0857

ESTIMATING ACID MINE DRAINAGE POTENTIAL FROM COAL BEDS BY USE OF THE SOXHLET EXTRACTOR ...Acid Mine Wastes; Acidity (water); Drainage; Mine Hydrology; Temperature; Water Pollutant Identification; ...2.0752

REFRACTORY ADSORPTION ON CHEMCOKE ...Adsorption; Refractory; Synthetic, Substitute Mtl.; Waste Water Treatment - general; ...2.0947

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES ...Anthracite; Contamination; Industrial Wastes; Infiltration; Leaching; Mine Wastes; Percolation (water); Site -see Waste Disposal; ...3.0032

EVALUATION AND DEVELOPMENT OF SPECIAL PURPOSE COALS ...Ash-coal Filters; Chemical Analysis -general; Coal; Gasification; Reaction; Separation; Utilization; ...3.0304

MINERALS AND SULFUR MODES IN COAL ...Combustion; Desulfurization; Energy Conversion; ...3.0404

Combustion

PILOT PLANT COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Air Pollution-chemistry; Energy Conversion; Furnaces and Incinerators; Lignite; Pilot Plants; ...1.0116

COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Air Pollutionechemistry; Boilers; Coal Research; Energy Conversion; Lignite; Pilot Plants; Power Plants -see Specifics; ...1.0117

CATALYTIC DECOMPOSITION OF NITROGEN OXIDES ...Catalysts; Degradation; Fuels; Inert Atmosphere; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; ...1.0133

TVA PLUME STUDIES ...Air Pollution-chemistry; Furnace and Incinerator Design; Particulates - Air Pollution; Power Plants; ...1.0141

INFRARED SPECTROSCOPIC ANALYSIS OF TRACE POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Fluidized Bed Reactor; Infrared Spectroscopy; Power Plants; Trace Analysis; ...1.0169

HIGH SULFUR COMBUSTOR STUDY ...Coal Research; Desulfurization; Sulfur Dioxide Removal; ...1.0449

DEVELOPMENT OF SULFUR OXIDE CONTROL COSTS FOR COMBUSTION SOURCES ...Costs -see Economics Entries; Desulfurization; Sulfur Dioxide Removal; ...1.0451

REDUCTION OF ATMOSPHERIC POLLUTION BY THE APPLICATION OF FLUIDIZED-BED COMBUSTION ...Coal; Combustion Air Pollution-gen; Gases; Mechanism Determination; Oil and Natural Gas - Sulfur; ...1.0550

FLUIDIZED-BED COMBUSTION ...Boilers; Combustion Air Pollution-gen; Fluidized Bed Reactor; Fossil Fuels; Furnaces; Heat Transmission; ...1.0660

CONTINUOUS PARTICULATE MONITORS FOR FOSSIL FUEL COMBUSTION SOURCES ...Air Pollution Monitoring; Air Pollution-chemistry; Coal Research; Exhaust, Combustion -see Auto; Particulate Matter - Air Poll.; Particulates - Air Pollution; ...1.0733

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Analysis; Air Pollution Monitoring; Combustion Air Pollution-gen; Energy Conversion; Heat Balance - Budget; Power Plants; Urban Research -general; ...1.0735

TREATMENT OF ACID MINE DRAINAGE-SULFUR AND IRON RECOVERY ...Acid Mine Wastes; Distillation; Neutralization; Waste Material Recovery; Waste Water Treatment -general; ...2.1397

CHEMICAL REACTIONS OF WOODS AND BARKS ...California; Fuels; Industrial Wastes; Pulp and Paper Wastes; Pulp-waste; Water Chemistry; Wet Oxidation; ...3.0065

UTILIZATION OF SOLID WASTES FROM THE COMBUSTION AND MINING OF COAL ...Automotive Application; Elastomers; Pavement; Product Development Research; Soil Amendments; Soil pH; ...3.0341

MINERALS AND SULFUR MODES IN COAL ...Coal Research; Desulfurization; Energy Conversion; ...3.0404

Deashing

REMOVAL OF PYRITE FROM COAL BY DRY METHODS ...Air Pollution-chemistry; Combustion; Desulfurization; Electrostatic; Energy Conversion; Magnetic; ...1.0658

Desulfurization

HIGH SULFUR COMBUSTOR STUDY ...Coal Research; Combustion; Sulfur Dioxide Removal; ...1.0449

DEVELOPMENT OF SULFUR OXIDE CONTROL COSTS FOR COMBUSTION SOURCES ...Combustion; Costs -see Economics Entries; Sulfur Dioxide Removal; ...1.0451

TECHNOLOGICAL AND ECONOMIC FEASIBILITY STUDY OF ADVANCED POWER CYCLES AND METHODS OF PRODUCING NON-POLLUTING FUELS ...Air Pollution-chemistry; Combustion; Electric Power Generation; Energy Storage -general; Fuels; Thermal Cycles; ...1.0541

CHARACTERISTICS AND REMOVAL OF PYRITE FROM AMERICAN COALS ...Air Pollution-chemistry; Energy Conversion; Heating Systems; Separation; Washing; ...1.0631

REMOVAL OF PYRITE FROM COAL BY DRY METHODS ...Air Pollution-chemistry; Combustion; Deashing; Electrostatic; Energy Conversion; Magnetic; ...1.0658

REMOVAL OF PYRITE FROM COAL BY DRY METHODS ...Centrifugation; Electrostatic; Screening; ...1.0659

NUCLEAR METHODS OF ANALYSIS ...Activation Analysis; Coal Research; Fluid Mechanics; Pilot Plants; ...1.0857

MINERALS AND SULFUR MODES IN COAL ...Coal Research; Combustion; Energy Conversion; ...3.0404

Gasification

EVALUATION AND DEVELOPMENT OF SPECIAL PURPOSE COALS ...Ash-coal Filters; Chemical Analysis -general; Coal; Coal Research; Reaction; Separation; Utilization; ...3.0304

Lignite

PILOT PLANT COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Air Pollution-chemistry; Combustion; Energy Conversion; Furnaces and Incinerators; Pilot Plants; ...1.0116

COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Air Pollution-chemistry; Boilers; Coal Research; Combustion; Energy Conversion; Pilot Plants; Power Plants -see Specifics; ...1.0117

Reaction

EVALUATION AND DEVELOPMENT OF SPECIAL PURPOSE COALS ...Ash-coal Filters; Chemical Analysis -general; Coal; Coal Research; Gasification; Separation; Utilization; ...3.0304

Utilization

ESTIMATING ACID MINE DRAINAGE POTENTIAL FROM COAL BEDS BY USE OF THE SOXHLET EXTRACTOR ...Acid Mine Wastes; Acidity (water); Coal Research; Drainage; Mine Hydrology; Temperature; Water Pollutant Identification; ...2.0782

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Chemical Analysis -general; Fluid Mechanics; Ion Exchange; Isotope Tracer -see Tracers; Mechanism Determination; Reactors; Sand Filters; ...2.0888

REMOVAL OF TRACE ORGANICS FROM WATER BY ADSORPTION ON COAL ...Adsorption; Coal; Fluidized Bed Reactor; Kinetics; Organics; Waste Water Treatment -general; Water Chemistry; ...2.1120

EVALUATION AND DEVELOPMENT OF SPECIAL PURPOSE COALS ...Ash-coal Filters; Chemical Analysis -general; Coal; Coal Research; Gasification; Reaction; Separation; ...3.0304

Washing

BASIC STUDY OF AIR POLLUTION WET-SCRUBBERS ...Absorption - Chemistry; Chemical Mechanisms & Kinetics; Energy Conversion; Foam; Particulate Matter - Air Poll.; ...1.0538

CHARACTERISTICS AND REMOVAL OF PYRITE FROM AMERICAN COALS ...Air Pollution-chemistry; Desulfurization; Energy Conversion; Heating Systems; Separation; ...1.0631

Coastal Engineering -general

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Eutrophic Lakes; Eutrophication; General Recreation Studies; New York; Plant Productivity -general; Turbidity (water); Waves -see Ocean Waves; ...2.0271

ADVANCED STUDY OF COASTAL ZONE OCEANOGRAPHIC REQUIREMENTS FOR EARTH RESOURCES TECHNOLOGY SATELLITE ...Land Use; Modification Effects; Marine Biology - General; Marine Pollution; Spacecraft Sensory Devices; Water Pollution Sources; ...2.0713

Coastlines - Shorelines

THE GEOLOGY, HYDROLOGY AND CONTAMINATION OF SHALLOW COASTAL AQUIFERS IN THE ROCKINGHAM DISTRICT, WESTERN AUSTRALIA ...Aquifers; Australia; Geology -general; Soil Tillage; Water Quality -general; ...2.0026

ORGANIC DEBRIS ON CONNECTICUT BEACHES AND SHORES ...Bacterial Identification; Cellular Catabolism-see Degrad; Connecticut; Marine Plants; Organic Matter; Physical Water Properties; Salinity (water); ...2.0084

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

ALLEVIATION OF LAKE POLLUTION BY UTILIZATION OF AQUATIC PLANTS FOR NUTRITIONAL, MEDICINAL OR INDUSTRIAL PURPOSES ...Aquatic Plants -nonspecific; Cultural Control; Mammals -nonspecific; Minnesota; Taxonomy -plant; ...2.0207

FATE OF POLLUTANTS IN ESTUARIES AND MARINE BAYS ...Bays; Estuaries; Forecasting - Prediction; Turbidity (water); Water Pollutants - Path of; Water Pollution Effects; ...2.0285

THE SIGNIFICANCE AND CONTROL OF WASTEWATER FLOATABLES IN COASTAL WATERS ...Bacterial Pollutant Sources; Chromatography; Coliforms -nonspecific; Effluents - Waste Water; Infrared Spectroscopy; Marine Pollution; Waste Management -see Specific; ...2.0488

ULTRAVIOLET ABSORPTION IN COASTAL WATERS ...Algae - nonspecific; California; Organic Matter; Plant Productivity - general; Ultra Violet Radiation; ...2.0493

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

POLLUTION OF COASTAL WATERS ...Economic Geology - general; Management; Marine Environments; Social Aspects; Water Quality Control -general; ...2.0565

ECOLOGIC IMPACT OF HUMAN ACTIVITIES ON WATER RESOURCE ENVIRONMENTS ...Animal Pollutant Sources; Chemical Water Properties; Ecological Effects; Mans Pollutional Activities; Physical Water Properties; Water Pollutant Identification; ...2.0584

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Data Reduction and Analysis; Estuaries; Mathematical Models; Radioactivity; Streams; Tides; Water Pollution Sources; ...2.0749

THE GAUZE PAD METHOD FOR THE ISOLATION OF VIRUSES FROM INLAND AND ESTUARINE WATERS ...Bacterial Pollutant Sources; Coliforms -nonspecific; Estuaries; Streptococcus Fecalis; Water Pollutant Identification; ...2.0774

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Economic Geology -general; Infrared Radiation; Legal Studies-general; Navigation; Tides; Tidewater Areas; Water Quality -general; ...2.0795

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF MIXING ZONE FOR WASTE EFFLUENTS DISCHARGED INTO STREAMS OR RIVERS ...Effluents - Waste Water; Lakes; Outlets; Streams & Rivers; ...2.0861

APPLICATION OF REMOTE SENSING TO SURFACE PARAMETERS OF LARGE WATER BODIES ...Aircraft Remote Sensing; Circulation (water); Energy Conversion; Microwave Radiation; Petroleum Wastes - Spillage; Thermal Pollution; ...2.0864

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS ...Aquatic Soils; Degradation -see Pesticide Deg; Marine Biology - General; North Carolina; Petroleum -see Oil; Swamps - Marshes; Water Chemistry; ...2.1072

POLLUTION AND THE ECOLOGY OF NEAR-SHORE PERIPHYTON OF LAKE SUPERIOR ...Cellular Physiology- Env. Eff.; Contamination - Water; Environmental Influences; Eutrophication; Nutrients; ...2.1599

ENVIRONMENTAL EFFECTS OF COASTAL ZONE POWER GENERATION ...Animal Habitat Studies; Consultants, Advisory Services; Energy Conversion; Environmental Ecology; Federal Government; North Carolina; Power Development; ...2.1664

PHYSICAL FACTORS AFFECTING OREGON COASTAL POLLUTION ...Circulation (water); Density; Marine Environments; Oregon; Tides; ...2.1683

EFFECTS OF LOGGING ON SALMON POPULATIONS IN COASTAL STREAMS ...Animal Migration; Fish and Shellfish; Forest Watersheds; Lumbering -general; Oregon; Pseudotsuga; ...2.1688

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE DENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

ENVIRONMENTAL DECISION-MAKING IN THE LAKE TAHOE BASIN ...Environmental Hazards; Eutrophication; Model Studies; Recreation, Water Resources; Urban Environment; Water Resources Planning; ...2.1790

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation, Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

MATHEMATICAL AND COMPUTER SERVICES FOR THE ANALYSIS OF DATA AND DESIGN OF EXPERIMENTS FOR CERTAIN FWQA PROGRAMS ...Electric Power Plants; Facilities; Marine Environments; Pulp and Paper Wastes; ...2.1897

A NEW LOOK AT THE OCEAN RECREATION MARKET ...Environment; Erosion; Ocean Waves -see Waves; Recreation, Water Resources; Shoreline Structures; Types of Resources; Water Resources Planning; ...2.1924

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Economics of Natural Resources; Lake Superior; Recreation, Outdoor; Regional Economics; Solid Waste; Tectonics; Water Quality Control -general; ...2.1937

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ...Building Design; Economic Planning; Mathematical Models; Planning; Regional Economics; Urban Planning; Water Quality -general; ...3.0084

OCEAN DISPOSAL OF INDUSTRIAL WASTES ...Acidity (water); Chemical Effects; Disposal Wastes; Industrial Wastes; Mathematical Models; Model Studies; ...3.0101

FLOWING BIOLOGICAL SYSTEM IN AQUACULTURE, SEWAGE TREATMENT AND POLLUTION ASSAY ...Effluents - Waste Water; General Recreation Studies; Recreation, Water Resources; Sewage; Waste Water Treatment -general; ...3.0178

Coatings -see Materials

THE EFFECTS OF ATMOSPHERIC CONTAMINANTS ON THE DURABILITY OF BUILDING MATERIALS ...Air Pollution; Corrosion, Deterioration; Coulometry; Inspection and Control; Plastics; ...1.0339

EFFECTS OF OZONE ON SELECTED MATERIALS ...Air Pollution-chemistry; Automotive Application; Controlled Atmosphere; Corrosion, Deterioration; Elastomers; Plastics; ...1.0386

CONTROLLED ENVIRONMENT STUDIES ON METAL CORROSION CAUSED BY AIR POLLUTION ...Air Pollution Effects; Gases; Nitrogen and Nitrogen Cpds.; X-ray Spectroscopy; ...1.0405

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides -nonspecific; Biological; Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Plastics; Water Distribution Systems; ...2.0977

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials, Dewatering; Effluents - Waste Water; Industrial Wastes; Metal Processing Wastes; Pilot Plants; Sludge; Waste Treatment Economics; ...2.1208

WARP SIZES THAT AVOID STREAM POLLUTION AND IMPROVE DURABLE-PRESS FABRICS ...Fibers; Home Economics; Industrial Wastes; Materials -properties; Plastics; Textile Industry; Water Quality Control -general; ...2.1284

AN INVESTIGATION OF TECHNIQUES FOR THE REMOVAL OF CHROMIUM AND CYANIDES FROM ELECTROPLATING WASTES ...Chelation & Complexing; Flotation; Inspection and Control; Plating Wastes; Precipitation; Waste Material Recovery; ...2.1334

METAL REMOVAL/RECOVERY FROM POLLUTED WATER BY COMPLEXATION WITH LINEAR POLYELECTROLYTES ...Chelation & Complexing; Chemical Treatment (water); Desalination; Industrial Wastes; Plastics; Waste Material Recovery; Zinc; ...2.1352

DESIGN OF A WATER DISPOSABLE PACKAGING CONTAINER ...Ceramics; Corrosion, Deterioration; Fluid Mechanics; Materials -properties; Packaging Materials; ...3.0309

SOLID WASTE RESEARCH UTILIZATION OF WASTE GLASS FROM MUNICIPAL REFUSE ...Ceramics; Incineration; Recoverable Materials; Thermal; ...3.0360

RECOVERY OF COPPER AND OTHER BASE METALS FROM COMPLEX METAL MIXTURES ...Colorimetric Methods; Disposal; Lead; Recoverable Materials; Waste Type; Xray Diffraction; Zinc; ...3.0379

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR PROCESS CONTROL AND POLLUTION ABATEMENT ...Isotope Tracer -see Tracers; Plating Wastes; Radioactive Isotopes; Reactors; Zinc; ...5.0804

CORROSION OF EXHAUST SILENCERS IN SERVICE ...Automobile & Components; Automotive Application; Characteristics; Control Devices; Corrosion, Deterioration; Noise; ...6.0048

Coelenterata

COHERENT AREA RESEARCH PROGRAM IN ECOLOGY ...Animal Behavioral Ecology; Animal Succession; Eutrophication; Invertebrate Physiology; Poeciliid; ...2.1518

PHARMACEUTICALS RESEARCH ...Animal Productivity; Invertebrate Physiology; Sphyraenidae; Toxicology; ...2.1528

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Echinodermata; Electric

Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

Cold Climates

WATER AND WASTE MANAGEMENT (MUST) ...Hospitals; Sanitation; Waste Disposal-see Solid Waste; Water Pollution Sources; Water Quality Control -general; Water Supply Development; ...3.0064

WINTER STORAGE OF DAIRY WASTES IN NORTHERN CLIMATES ...Anaerobic Wastewater Treatment; Bos; Farm Animal Wastes; Feces; Noise -see Noise; Sewage Lagoons; ...3.0352

DECONTAMINATION TESTING AND PROCEDURES UNDER COLD WEATHER CONDITIONS ...Radiation Injury Prevention; Radioactive Hazard; ...5.0852

Colloidal Phenomena

MULTIPLE LIGHT SCATTERING OF POLLUTED ATMOSPHERES ...Adsorption; Aerosols; Air Pollution-chemistry; Light Scattering Analysis; ...1.0381

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Marine Biology - General; Marine Geology; Mercury; Pacific Ocean; Radioactivity; Sea Water Sampling; Trace Analysis; ...2.0418

WATER PURIFICATION BY LARGE-SCALE ELECTROPHORESIS ...Air Pollution-chemistry; Bacteriophage; Electrophoresis; Membranes; Sewage Bacteria; ...2.0872

PHYSICAL-CHEMICAL PHENOMENA ASSOCIATED WITH ORGANO-COLLOIDAL SURFACE INTERACTIONS ...Adsorption; Calorimetry; Degradation -see Pesticide Deg; Organic Matter; Spectrographic Techniques; Water Chemistry; Xray Diffraction; ...2.0886

FOAM SEPARATION FLOTATION OF COLLOID ORGANIC SYSTEMS ...Chelation & Complexing; Demineralization; Fluid Mechanics; Mineralogical Water Properties; Process Design; Surfactants -see Detergents; Waste Water Treatment -general; ...2.0899

THE REMOVAL OF IMPURITIES IN TRICKLING FILTER EFFLUENTS ...Coagulation; Electrophoresis; Pond; Tertiary Treatment; Types of Resources; Zeta Potential; ...2.0944

ELECTROPHORETIC CLARIFICATION OF WATER ...Adsorption; Filtration; Pesticide Residues Removal; Pesticides -see Pesticide; Size; Waste Water Treatment -general; Water Pollutant Identification; ...2.0948

REMOVAL OF SUSPENDED MATTER AND TURBIDITY FROM WATER BY FLOCCULATION ...Electrochemistry; Floods; Israel; Salinity (water); Suspension; Water Chemistry; ...2.1022

ANAEROBIC TREATMENT OF STARCH WASTEWATERS ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Flotation; Sedimentation; Waste Digestion; Waste Management -see Specific; Waste Water Treatment -general; ...2.1212

CARBON COLUMN OPERATION IN WATER TREATMENT ...Carbon; Cellular Physiology- Env. Eff.; Filtration; Microorganisms -nonspecific; Total Organic Carbon; Waste Water Treatment -general; ...2.1355

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ...Chelation & Complexing; Filtration; Fluid Mechanics, Mathematical Models; New England Province; Rhode Island; Sedimentation; ...2.1411

DEWATERING AND DRYING OF SLUDGE ON POROUS MEDIA ...Dewatering; Fluid Mechanics; Gamma Spectroscopy; Porous Filters; Sand Filters; Sludge; ...2.1419

APPLICATIONS OF AGGLOMERATE SIZE MEASUREMENT TO PROBLEMS IN WATER RESOURCES MANAGEMENT ...Activated Sludge; Coagulation; Flocculation; Management (water); Waste Water Treatment -general; ...2.1458

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Adsorption; Algal Physiology; Eutrophication; Gases; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Sewage Bacteria; Waste Water Treatment -general; ...2.1463

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL--FLOCCULATION BY ORGANIC POLYMERS ...Electrochemistry; Electrophoresis; Flocculation; Sand Filters; Thickening; ...3.0260

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL--SOLIDS SEPARATION BY CHEMICAL TREATMENT AND FILTRATION ...Ash-coal Filters; Fluid Mechanics; Sand Filters; Turbidity; ...3.0261

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

RADIOLYSIS OF HETEROGENEOUS SYSTEMS ...Adsorption; Chemical Mechanisms & Kinetics; Conductrometry; Light Scattering Analysis; Radiation; Radiochemical Analysis; Spectrographic Techniques; ...5.0259

Colloids

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

REMOVAL OF SUSPENDED MATTER AND TURBIDITY FROM WATER BY FLOCCULATION ...Colloidal Phenomena; Electrochemistry; Floods; Israel; Salinity (water); Suspension; Water Chemistry; ...2.1022

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Aroclor; DDT; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticides -see Pesticide; Radioisotopes -nonspecific; Soil Chemical Properties; Soil Organic Content; ...4.0087

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides -see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

TRANSLOCATION OF PESTICIDES FROM CRANBERRY BOGS TO THEIR SURROUNDINGS ...Aquatic Soils; Ericaceae; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutants - Path of; ...4.0124

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Fenuron; Monuron; Pesticide Movement in Soils; Soil Chemical Properties; Soil Moisture; ...4.0156

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Bioassay; Pesticide Formulation; Pesticide Persistance in Soils; Pesticide Residues; Plant Tissue Analysis -chem.; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Gossypium; Metabolites From Pesticides; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Piedmont Province; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0174

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

STUDIES ON HAZARDS OF THE TRANSPLUTONIUM ELEMENTS ...Actinium A C; Body Isotope Burden; Gold; Muridae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0117

ABILITY OF ISOLATED KUPFFER CELLS TO POPULATE EXPERIMENTAL GRANULOMAS AND IRRADIATED BONE MARROW ...Antibiotics -nonspecific; Carbon; Muridae; Radiation Injury Prevention; Radiation, Whole Body; X and Gamma Rays; ...5.0205

EFFECT OF IONIZING RADIATION ON BIOLOGIC HALF-LIFE OF 57COBALT IN THE MOUSE ...Cobalt; Muridae; Radiation Dose Studies-general; Technetium; X and Gamma Rays; ...5.0401

Color (water)

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Lime Treatment; Model Studies; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0142

INFLUENCE OF WATER QUALITY IN MAINTAINING WHITENESS WHEN LAUNDERING WHITE FABRICS ...Bleaching, Coloring; Fibers; Home Economics; Materials -properties; Mineralogical Water Properties; Organic Matter; Water Quality -general; ...2.0297

CHANGES IN WATER QUALITY PARAMETERS OF RESERVOIRS DURING REGULATED FLOW CONDITIONS ...Acidity (water); Chemical Analysis (water); Eutrophication; Organic Matter; Tennessee; Water Bacteria; Water Quality -general; ...2.0369

MECHANISM OF ORGANIC ADSORPTION ON ACTIVATED CARBON ...Adsorption; Color; Hydrolysis, Esterification; Organic Matter; Taste & Odor of Water; Waste Water Treatment -general; ...2.0904

COLOR REMOVAL FROM TEXTILE DYE WASTES BY COAGULATION ...Biochemical Oxygen Demand; Coagulation; Color; Dye Wastes; Electrochemistry; Industrial Wastes; Textile Industry; ...2.1142

COLOR AND MINERAL REMOVAL FROM KRAFT BLEACH WASTES ...Demineralization; Lime Treatment; Pulp and Paper Wastes; Waste Treatment Economics; ...2.1330

ENVIRONMENTAL STUDY OF PORT PHILLIP BAY ...Algae - nonspecific; Bays; Environment; Organic Matter; Waste Treatment; Water Quality Control -general; ...2.1485

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Contamination - Water; Fish; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; Zinc; ...2.1628

BIOLOGICAL TREATMENT OF SPENT VEGETABLE TANNINS ...Industrial Wastes; Oxidation; Rate of Reaction; Tannery Wastes; Waste Water Treatment -general; ...3.0343

Colorado

GEOCHEMICAL EXPLORATION STUDIES OF VOLATILE ELEMENTS ...Arizona; Maps -general; Nevada; Utah; ...1.0029

THE THEORY OF MAN-ENVIRONMENT RELATIONSHIPS ...Air Pollution; Meetings; Weather Modification; ...1.0480

AWARENESS OF AIR POLLUTION AND ITS CAUSES IN A NUMBER OF COLORADO COMMUNITIES ...Air Pollution -see Specifics; ...1.0482

DENVER METROPOLITAN AREA, COLORADO ...Aggregrates - Crushed Rock; Engineering Geology; Floods; Geologic Maps; Land Use; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Environment; Urban Research -general; ...2.0066

DATA ACQUISITION SYSTEMS IN WATER QUALITY MANAGEMENT ...Aircraft Remote Sensing; Data Acquisition; Detectors and Sensors; Regional Or State Studies; Water Chemistry; Water Standards & Baselines; ...2.0519

WATER QUALITY MANAGEMENT DECISIONS IN COLORADO ...Administrative Organizations; Law Enforcement; Management (water); Water Pollutant Identification; Water Quality -general; Water Resources Planning; Water Standards & Baselines; ...2.0520

APPLIED ECOLOGICAL STUDY OF SPRING CREEK, FORT COLLINS, COLORADO ...Annelida; Invertebrates -nonspecific; Species Diversity Measurement; Water Pollution Sources; Watersheds; ...2.0522

RIVER BASINS - SOUTH FORK DAM ...Agricultural Studies - general; Dams -general; Irrigation; Model Studies; Platte River; River Basins; ...2.0978

RESEARCH INTO THE ECOLOGICAL ASPECTS OF PRECIPITATION MANAGEMENT ...Clouds - Precipitation; Precipitation; ...2.0980

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Federal Government; Legal Studies; Management (water); State Government; Water Quality Control -general; ...2.0981

EVALUATION OF TREATMENT FOR URBAN WASTEWATER REUSE ...Coagulation; Filtration; Pilot Plants; Urban Environment; Urban Research -general; Water Reuse; ...2.1197

THE MECHANISMS OF WASTE WATER TREATMENT AT LOW TEMPERATURE ...Bacterial Identification; Cellular Catabolism-see Degrad; Hypothermal; Microorganisms -nonspecific; Waste Water Degradation; Waste Water Treatment - general; ...2.1202

ECOLOGY OF COLORADO MOLLUSKS ...Chemical Measurements (water); Contamination - Water; Environmental Ecology; Invertebrate Physiology; Mollusca; Range Or Territorial Distr.; ...2.1504

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Efficiency; Legal Review; Management (water); Model Studies; Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

WILDLIFE VS. BIDRIN AND DIMETHOATE USE IN SEED ORCHARDS ...Animal Distribution, Bidrin; Birds; Dimethoate; Mammals; Pesticide Legal Aspects; Population Dynamics - general; ...4.0575

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Environmental Effects - Human; Miners; Radiation Carcinogenesis; Radiation Sources -general; Radon; Respiratory Irritants, Inhaled; Uranium; ...5.0044

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic Bomb; Grasslands; Ochotonidae; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; X and Gamma Rays; ...5.0211

EFFECT OF URANIUM ON THE TRACHEOBRONCHIAL TREE ...Meetings; Occupational Hazards; Radiation Effects - Biological, Respiratory Irritants, Inhaled; ...5.0423

Colorado River

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; Zooplankton; ...2.0477

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

GRAND VALLEY SALINITY CONTROL ...Canals; Linings - Pavings; Salinity (water); Water Quality Control -general; ...2.0985

ECOLOGICAL IMPACTS OF RECLAMATION PROJECTS ...Aquatic Ecology - Animal; Ecological Effects; Plant Freshwater Ecology; Reservoirs and Impoundments; Water Distribution Systems; ...2.1508

EFFECTS OF CHEMICAL VARIATIONS IN AQUATIC ENVIRONMENTS ...Aluminum; Chemical Analysis (water); Data Acquisition; Lead; Oil Shale; Salinity (water); ...2.1512

Colorimetric Methods

ATMOSPHERIC CHEMISTRY OF BORON ...Aerosols; Air - Water; Air Pollution-chemistry; Electrochemistry; Spectrographic Techniques; ...1.0697

INSOLUBLE ION ASSOCIATION COMPOUNDS AS ANALYTICAL REAGENTS ...Air Pollution-chemistry; Analysis and Detection; Chelation & Complexing; ...1.0705

RECOVERY OF COPPER AND OTHER BASE METALS FROM COMPLEX METAL MIXTURES ...Coatings-see Materials; Disposal; Lead; Recoverable Materials; Waste Type; Xray Diffraction; Zinc; ...3.0379

INTERACTION OF THERMAL AND RADIATIVE PROCESSES IN BIOLOGICAL SYSTEMS ...Catalysis; Radiation Chemistry - biophys.; Radiation Dose Studies-general; Radiation Effects - Biological; Thermochemistry -biophysics; X and Gamma Rays; ...5.0527

Columbia River

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

POWER PRODUCTION ...Atomic Plants; Chemical Effects; Density; Effluents - Waste Water; Energy Conversion; Mathematical Models; Reservoirs and Impoundments; Thermal Pollution; ...2.0337

THE MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Absorbed Load; Chemical Water Properties; Estuaries; Washington; Water Pollution Sources; ...2.0339

COLUMBIA RIVER SEDIMENT STUDIES ...Adsorption Capacity; Estuaries; Nuclear Geochemistry; Sediments; Water Pollution Sources; ...2.0416

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Atomic Plants; Energy Conversion; Fish; Periphyton; Phosphorus and Phosphorus Cpds; Water Pollution Sources; Zinc; ...2.0420

EFFECT OF TEMPERATURE ON BACTERIA ...Atomic Plants; Bacterial Population Surveys; Environmental Aspects; Ictaluridae; Water Bacteria; ...2.0422

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Data Reduction and Analysis; Estuaries; Mathematical Models; Radioactivity; Streams; Tides; Water Pollution Sources; ...2.0749

CORRELATED STUDIES OF VANCOUVER LAKE--WATER QUALITY PREDICTION STUDY ...Dredging; Lakes; Model Studies; Organic Matter; Sediments; Water Quality Control -general; ...2.0840

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Electric Power Plants; Fishing; Heat Flow (water); Nitrogen and Nitrogen Cpds.; Recreation, Water Resources; Types of Resources; Water Storage; ...2.0841

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Absorbed Load; Channels; Chemical Water Properties; Estuaries; Mineralogical Properties; Streams; Tides; Water Pollutants - Path of; ...2.1086

COLUMBIA RIVER THERMAL EFFECTS STUDY ...Aquatic Ecology - Animal; Environment Resistance-animals; Fish; Forecasting - Prediction; Model Studies; Temperature (water); Thermal Pollution; ...2.1523

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

SIMULATION MODELING OF THERMAL EFFECTS ON SELECTED RIVER SYSTEMS ...Atomic Plants; Development of Models; Energy Conversion; Illinois River; Model Studies; River Basins; Water Pollution Effects; ...2.1754

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Conflicts; Ecological Effects; Electric Power Plants; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...2.1755

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Dyes; Electric Power Plants; Filtration; Model Studies; Power Plants -see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

EFFECTS OF MODIFICATIONS ON THE COLUMBIA RIVER ...Animal Productivity; Benthic Fauna; Commercial Fishing; Electric Power Plants; Environmental Ecology; Salmo Gairdneri; Thermal Pollution; ...2.1758

SIMULATION MODELING OF ENVIRONMENTAL EFFECTS OF THERMAL GENERATION ...Atomic Plants; Electric Power Plants; Environment; Great Lakes -see Specific Lake; Model Studies; Simulation Theory; ...2.1759

REGIONAL MODELING OF SURFACE WATER TEMPERATURES FROM PROJECTED POWER GROWTH ...Atomic Plants; Computer Models; Forecasting - Prediction; Mississippi River; River Basins; Thermal Pollution; ...2.1760

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties -general; ...2.1763

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

FORMULATION OF A GENERAL MATHEMATICAL MODEL FOR THE PREDICTION OF THERMAL ENERGY CHANGES IN IMPOUNDMENTS ...Climatology; Development of Models; Hydraulics; Reservoirs and Impoundments; Water - Alternative Uses; ...2.1798

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...California; Data Reduction and Analysis; Fluid Mechanics; Ocean; Ocean Waves -see Waves; Pacific Ocean; Salinity; Sewer Systems; Thermal Properties; ...3.0068

MACRO-NEKTON INVESTIGATIONS OFF THE COLUMBIA RIVER MOUTH ...Aquatic Ecology - Animal; Engraulidae; Gadidae; Osmeridae; Reactor Sites & Rad Waste; Vertical Distribution; ...5.0086

COLUMBIA RIVER STUDIES, 1970-1971 ...Atomic Plants; Energy Conversion; Ionizing Radiation -see Rad.; Ostreidae (oyster); Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...5.0762

MECHANISMS OF ENVIRONMENTAL EXPOSURE ...Atomic Plants; Environmental Effects - Human; Radiologic Health; Washington; Zinc; ...5.0958

Combustion

THE VARIOUS POLLUTING SUBSTANCES EMITTED IN DIESEL ENGINE EXHAUST GASES ...Air Pollution-chemistry; Diesel; Engine; Engines; Fuels; ...1.0003

COMBUSTION GAS COMPOSITION ...Air Pollution-chemistry; Chromatography; Engines; Infrared Spectroscopy; Mass Spectroscopy; Nitrogen and Nitrogen Cpds.; Ultraviolet Spectroscopy; ...1.0005

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Air Pollution-chemistry; Effects; Mechanism Determination; Oxidants; Photochemical Reactions; Solar Radiation -sunshine; ...1.0006

AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Energy Conversion; Fuels; Mass Spectroscopy; Photochemical Reactions; Wall Effects; ...1.0009

CHARACTERIZATION OF SMOKE FROM CELLULOSIC FUELS ...Air Pollution-chemistry; Chemical Analysis -general; Controlled Atmosphere; Fire Research -see Forest Fire; Fuels; Pyrolysis, Rate of Reaction; ...1.0015

AIR POLLUTION FROM FOREST AND AGRICULTURAL BURNING ...Air Pollution -see Specifics; Fire Research -see Forest Fire; Gramineae -other; Plant Waste Removal, Treatment; ...1.0016

KINETICS OF ASSOCIATION-DISSOCIATION REACTIONS ...Flash; Kinetics; Propellants; Upper Atmospheric Chemistry; ...1.0020

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Coal Research; Energy Conversion; Heating Units; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers; Wind Tunnels; ...1.0031

ATOMIC REACTION KINETICS ...Air Pollution-chemistry; Mass Spectroscopy; Oxidation; Rate of Reaction; ...1.0035

RESEARCH INITIATION - DISPERSION OF POLLUTANTS FROM TALL CHIMNEYS. ...Air Pollution-chemistry; Diffusion; Energy Conversion; Furnace and Incinerator Design; ...1.0053

VEHICLE AND HIGHWAY SAFETY ON WINTER TIRES, WINDSCREENS, BRAKING SYSTEMS AND AIR POLLUTION ...Automotive Application; Body; Brake; Ceramics; Pavement; Tires; Traffic Engineering; ...1.0056

SELENIUM AND ITS SIGNIFICANCE AS AN AIR POLLUTANT ...Adsorption; Catalysts; Disposal; Fuels; Solid Waste; Trace Elements; ...1.0057

COMBUSTION STUDIES RELATING TO CETANE IMPROVERS, COMBUSTION CATALYSTS AND SMOKE SUPPRESSANTS ...Air Pollution-chemistry; Catalysts; Fuels; ...1.0059

KINETICS OF NO AND CO FORMATION IN COMBUSTION GASES ...Air Pollution-chemistry; Cars; Fuels; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Turbines; ...1.0060

EFFECTS OF GASOLINE VOLATILITY ON EMISSIONS AND DRIVEABILITY ...Air Pollution-chemistry; Engines; Fuels; ...1.0062

PARTICULATE EMISSIONS FROM TWO-CYCLE GASOLINE ENGINES ...Air Pollution; Engines; Fuels; Particulate Matter - Air Poll.; Particulates - Air Pollution; Spark Ignition; ...1.0064

PARTICULATE POLLUTANT SYSTEM STUDY - MODIFICATION AND EXTENSION ...Air Pollution Analysis; Air Pollution-chemistry; Atmospheric Dynamics; Forecasting - Prediction; Gases; Particulates - Air Pollution; ...1.0069

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation; Handbooks; Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; ...1.0071

NITROGEN-OXIDE KINETICS IN AUTO COMBUSTION EXHAUST ...Air Pollution Control Systems; Air Pollution-chemistry; Engines; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0074

GASOLINE COMPOSITION AND VEHICLE EXHAUST GAS POLYNUCLEAR AROMATIC CONTENT ...Air Cleaning Devices; Air Pollution-chemistry; Chemical Analysis -general; Engines; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0075

NON-EQUILIBRIUM EFFECTS IN AN INTERNAL COMBUSTION ENGINE ...Air Pollution-chemistry; Engines; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0083

DOCUMENT ODOROUS CONSTITUENTS IN DIESEL EXHAUST ...Chemical Analysis -general; Fuels; Odor; ...1.0085

TRANSVERSE JET PLUMES ...Air Motion Meters; Energy Conversion; Sampling; Tracers; Wind Tunnels; ...1.0087

SULFUR DIOXIDE OXIDATION ...Air Pollution-chemistry; Catalytic; Gases; Mechanism Determination; Rate of Reaction; ...1.0088

STUDY BY CONTRACT THE INDOOR-OUTDOOR POLLUTION RELATIONSHIPS AT AN AIR-RIGHTS STRUCTURE AND A CANYON TYPE STRUCTURE ...Air Pollution-chemistry; Cars; Engines; Lead; Particulates - Air Pollution; Urban Research - general; ...1.0090

SULFUR DIOXIDE DECAY ...Air Pollution-chemistry; Atmospheric Dynamics; Diffusion; Power Plants; ...1.0092

ASSIST OCS IN THE DEVELOPMENT OF COMPUTERIZED SYSTEM FOR PROJECTING MOTOR VEHICLE EMISSIONS AND SUPPLY ADJUNCT ANALYSES ...Air Pollution; Characteristics; Engine; Nitrogen and Nitrogen Cpds.; Traffic Engineering; Trucks; ...1.0093

CHARACTERISTICS OF PARTICULATE EMISSIONS IN AUTO EXHAUSTS - DESIGN AND TEST SIMPLIFIED SAMPLING SCHEME ...Air Pollution Analysis; Air Pollution-chemistry; Cars; Particulates - Air Pollution; ...1.0097

UPDATE NAPCA DATA FILE OF NATION-WIDE EMISSIONS ...Air Pollution-chemistry; Fluorine; Lead; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Refuse Dumps; Statistics; ...1.0098

EVALUATION OF CONTRIBUTIONS OF VEHICULAR EXHAUST AND OTHER SOURCES TO ATMOSPHERIC LOADINGS OF POLLUTANTS IN THE N.Y.C. - N.J. AREA ...Air Pollution Sampling; Atmospheric Dynamics; New Jersey; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0099

ENGINEERING STUDIES RELATED TO THE TECHNIQUES AND INSTRUMENTATION USED FOR FUEL AND FUEL ADDITIVE EVALUATIONS ...Air Pollution Monitoring; Air Pollution Sampling; Air Pollution-chemistry; Chemical Analysis - general; Fuels; Meteorological Studies; Nitrogen and Nitrogen Cpds.; ...1.0100

DETERMINATION OF THE EFFECTS OF FUEL ADDITIVES ON VEHICULAR EMISSIONS ...Air Pollution-chemistry; Fuels; Lead; ...1.0105

DEVELOP AND MAINTAIN AN INFORMATION SYSTEM ON NATION-WIDE EMISSIONS FROM GASOLINE FUEL ADDITIVES ...Air Pollution Analysis; Air Pollution-chemistry; Cars; Fuels; Gases; ...1.0106

EVALUATE FEASIBILITY AND NATURE OF A POSSIBLE PARTICULATE STANDARD FOR MOTOR VEHICLES ...Air Pollution; Cars; Fuels; Lead; Particulates - Air Pollution; Visibility; ...1.0108

SOURCE TESTS OF PULP AND PAPER MILLS ...Air Pollution Sampling; Gas Chromatography; Noise -see Noise; Particulates - Air Pollution; Pulp and Paper Wastes; ...1.0112

MODEL RESIDUAL OIL COMBUSTOR ...Air Pollution-chemistry; Fuels; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0114

PILOT PLANT COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Air Pollution-chemistry; Energy Conversion; Furnaces and Incinerators; Lignite; Pilot Plants; ...1.0116

KINETICS OF SULFUR-OXIDE FORMATION IN FLAMES ...Air Pollution-chemistry; Kinetics; Oxidation; Sulfur Dioxide Removal; Vacuum Techniques; ...1.0118

5 - YEAR BATTELLE COMBUSTION STUDY ...Air Pollution -see Specifics; Air Pollution-chemistry; ...1.0119

EFFECTS OF IMPROVED FUEL ATOMIZATION - VAPORIZATION AND MIXING ON EMISSIONS FROM MOBILE SOURCES ...Engine; Engines; Spark Ignition; ...1.0120

AN ENGINEERING STUDY OF LP GAS AS AUTOMOTIVE FUEL ...Engine; Engines; Fuel-systems; Fuels; Lead; ...1.0122

EFFECT OF FUEL VOLATILITY ON AUTOMOTIVE EMISSIONS ...Air Pollution-chemistry; Engine; Engines; Fuels; Photochemical Reactions; ...1.0123

PRODUCTS OF COMBUSTION OF DISTILLATE FUELS FOR MOTIVE POWER ...Buses; Diesel Equipment; Fuels; Nitrogen and Nitrogen Cpds.; Odor; Trucks; ...1.0124

AIR & WATER POLLUTION PPBS-20-55-12 FUELS COMBUSTION RESEARCH ...Diesel; Engines; Fuels; Gas Chromatography; Oxidants; ...1.0125

EXPERIMENTAL METHODS FOR DETERMINING OXYGENATES IN AUTOMOTIVE EXHAUST ...Cars; Fuels; Gas Chromatography; ...1.0126

CHARACTERISTICS AND PHOTOCHEMICAL REACTIVITY OF FUEL COMPONENTS AND COMBUSTION PRODUCTS ...Air Pollution-chemistry; Gas Chromatography; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Rate of Reaction; ...1.0127

KINETICS OF NITRIC OXIDE AT HIGH TEMPERATURES ...Air Pollution-chemistry; Degradation; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Temperature; ...1.0130

THIRTEENTH INTERNATIONAL SYMPOSIUM ON COMBUSTION ...Chemical Mechanisms & Kinetics; Fluid Mechanics; Meetings; Propellants; ...1.0131

CATALYTIC DECOMPOSITION OF NITROGEN OXIDES ...Catalysts; Degradation; Fuels; Inert Atmosphere; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; ...1.0133

CONDUCT A STUDY OF EMISSIONS FROM OFF HIGHWAY INTERNAL COMBUSTION ENGINES (GASOLINE AND DIESEL) ...Air Pollution-chemistry; Engines; Fuels; Nitrogen and Nitrogen Cpds.; Spark Ignition; ...1.0148

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Catalysts; Fire Research -see Forest Fire; Food Contamination; Fuels; Mass Spectroscopy; Pyrolysis; Thin Layer Chromatography; ...1.0149

PARAMETRIC STUDY OF PETROL ENGINE PERFORMANCE, EFFICIENCY AND EXHAUST COMPOSITION ...Air Pollution-chemistry; Engine; Engines; Nitrogen and Nitrogen Cpds.; Spark Ignition; ...1.0150

COMPOSITION AND DISTRIBUTION OF FOREST FIRE SMOKE ...Abies; Air Pollution -see Specifics; Chemical Analysis -general; Combustion Air Pollution-gen; Fire Research -see Forest Fire; Larix; Mathematical Models; ...1.0156

THE CONTRIBUTION OF FOREST FIRES TO ATMOSPHERIC POLLUTION ...Air Pollution -see Specifics; Air Pollution-chemistry; Fire Behavior - Identification; Fire Damage, Recovery; Fire Research -see Forest Fire, Smoke; ...1.0162

KINETICS OF NITROGEN-OXIDE AUTOMOTIVE POLLUTION ...Air Pollution-chemistry; Degradation; Engine; Engines; Fuels; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0163

COMBUSTION PROCESS ANALYSIS ...Engine; Engines; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0166

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE REACTIVITY OF BENZALDEHYDE-NO AIR MIXTURES ...Aerosols; Air Pollution-chemistry; Chemical Analysis -general; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Oxidants; ...1.0239

A STUDY OF ACUTE RESPIRATORY ILLNESS IN RELATION TO NITROGEN OXIDES AIR POLLUTION LEVELS IN CHATTANOOGA, TENNESSEE ...Air Pollution; Air Pollution -see Specifics; Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Respiratory Disease; Respiratory Irritants, Inhaled; Tennessee; ...1.0274

CONTINUE STUDIES OF HUMAN BLOOD LEAD LEVELS IN RELATION TO ATMOSPHERIC LEAD LEVELS ...Air Pollution -see Specifics; Air Pollution-chemistry; Fuels; Lead; Mammals - nonspecific; Toxicology; ...1.0284

HIGH SULFUR COMBUSTOR STUDY ...Coal Research; Desulfurization; Sulfur Dioxide Removal; ...1.0449

AIR POLLUTION CONTROL BY CATALYSIS ...Air Pollution-chemistry; Catalysts; Fuels; Oxidation; Reduction Reactions; ...1.0535

SULFATION KINETICS IN SO2 ABSORPTION FROM FLUE GAS ...Absorption - Chemistry; Air Pollution-chemistry; Costs - see Economics Entries; Furnaces; Sulfur Dioxide Removal; ...1.0536

LOW EMISSION FUELS FOR VEHICLES ...Air Pollution-chemistry; Engines; Fuel-systems; Fuels; Heat Recovery, Industrial; Thermal Decomposition; ...1.0539

REDUCTION OF NITRIC OXIDE BY GRAPHITE ...Adsorption; Air Pollution-chemistry; Kinetics; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Reduction Reactions; ...1.0540

TECHNOLOGICAL AND ECONOMIC FEASIBILITY STUDY OF ADVANCED POWER CYCLES AND METHODS OF PRODUCING NON-POLLUTING FUELS ...Air Pollution-chemistry; Desulfurization; Electric Power Generation; Energy Storage -general; Fuels; Thermal Cycles; ...1.0541

RESEARCH INITIATION - APPLICATION OF HIGH VOLTAGE ELECTRIC FIELDS TO THE REMOVAL OF SO2 AND NO2 FROM COMBUSTION EFFLUENT ...Electric Field; Energy Conversion; Humidity; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0549

CONTROL OF PARTICULATE EMISSIONS FROM GASOLINE ENGINES ...Air Cleaning Devices; Engine; Fluidized Bed Reactor; Particulates - Air Pollution; ...1.0552

DETERMINATION OF MASS FLOW AND CONCENTRATION OF SUSPENSIONS ...Air Pollution-chemistry; Chemical Analysis -general; Coal Research; Dust; Electrostatic; Fuels; Furnace and Incinerator Design; ...1.0554

FUNDAMENTAL STUDIES ON THE PROCESS FOR REMOVING NOX FROM FLUE GASES ...Chemical Effects; Chemical Mechanisms & Kinetics; Nitrogen and Nitrogen Cpds.; Scrubbers; Sulfur Dioxide Removal; ...1.0555

CONTROL OF NOX EMISSIONS FROM AIRCRAFT GAS TURBINES ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Turbines; ...1.0557

SO2 AND NOX REMOVALS FROM STACKS GASES BY CO ...Air Pollution-chemistry; Catalysis, Heterogeneous; Catalytic; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0563

RECOVERY OF NITROGEN AND SULFUR OXIDES FROM BOILER FLUE GASES ...Air Pollution-chemistry; Chemical Analysis -general; Nitrogen and Nitrogen Cpds.; Pilot Plants; Waste Material Recovery; ...1.0565

RESEARCH INITIATION - RATES OF SORPTION OF MOLECULAR SIEVES IN MULTICOMPONENT SORBATE SYSTEMS ...Adsorption; Catalysts; Energy Conversion; Gas Chromatography; Sulfur Dioxide Removal; ...1.0567

ADSORPTION RATE STUDIES - AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Gases; Packed Bed Reactor; Sulfur Dioxide Removal; ...1.0569

DIESEL EMISSION CONTROL ...Air Cleaning Devices; Engine; Environmental Aspects; Fuels; Odor; ...1.0574

EVALUATION OF EMISSION CONTROL SYSTEMS FOR NEW VEHICLE ...Air Pollution; Air Pollution-chemistry; Cars; ...1.0575

CATALYTIC MEDIA TO REDUCE NOX EMISSIONS FROM GASOLINE ...Air Pollution-chemistry; Catalysts; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0578

FUEL INJECTION ...Air Cleaning Devices; Engines; Fuel Induction Devices; Nitrogen and Nitrogen Cpds.; Spark Ignition; ...1.0579

REDUCTION OF EMISSION CONTROL SYSTEM DEGRADATION ...Air Cleaning Devices; Air Pollution-chemistry; Engine; Engines; ...1.0580

INVESTIGATE NON-CARBONACEOUS ALTERNATIVE FUELS FOR CONTROL OF EMISSIONS ...Air Pollution; Air Pollution - see Specifics; Fuels; ...1.0581

FUEL MODIFICATION FOR ABATEMENT OF AIRCRAFT ENGINE EMISSIONS ...Air Pollution-chemistry; Catalysts; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0589

PILOT PLAN STUDY OF LIMESTONE-WET SCRUBBING IN A TURBULENT CONTACT ABSORBER ...Absorption - Chemistry; Coal Research; Oxidation; Pilot Plants; Scrubbers; Sulfur Dioxide Removal; ...1.0594

FILTRATION OF AEROSOLS BY GRANULAR BEDS ...Additives; Air Cleaning Devices; Energy Conversion; Furnace and Incinerator Design; ...1.0595

CONTROL OF COMBUSTION CHEMISTRY - KINETICS AND CATALYST ...Air Pollution-chemistry; Catalysts; Combustion Air Pollution-gen; Fuels; Kinetics; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0607

COMPLETE EVALUATION OF STANDARDS FOR MOTOR VEHICLE FUEL COMPOSITION (INCLUDING ADDITIVES) ...Air Pollution-chemistry; Cars; Constants; Fuels; ...1.0615

AQCR ASSISTANCE - EMERGENCY EPISODE PROCEDURES ...Exhaust, Combustion -see Auto; Fuels; Furnace and Incinerator Design; Safety -see Farm Safety; ...1.0618

INTERACTION OF FUEL AND ENGINE FACTORS INFLUENCING EXHAUST EMISSIONS ...Engines; Fuels; Lead; ...1.0620

EVALUATION OF METAL OXIDES AS SORBENTS FOR SO2 IN POWER PLANT FLUE GASES ...Adsorption; Energy Storage - general; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0621

APPLICATIONS OF CRYOGENIC TECHNIQUES TO PROBLEMS IN AIR POLLUTION ...Air Pollution Monitoring; Atomic Plants; Detectors and Sensors; Gases; Nuclear Reactor; Temperature Effects; ...1.0624

SO2 SORPTION BY AND REMOVAL FROM POLYMERIC MATERIALS ...Adsorption; Air Pollution-chemistry; Ion Exchange; Waste Material Recovery; ...1.0628

CHARACTERISTICS AND REMOVAL OF PYRITE FROM AMERICAN COALS ...Air Pollution-chemistry; Desulfurization; Energy Conversion; Heating Systems; Separation; Washing; ...1.0631

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Energy Conversion; Petroleum Research; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0632

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Chemical Regeneration; Nitrogen and Nitrogen Cpds.; Reduction Reactions; Thermal Regeneration; . 1.0633

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GAS--PART C ...Adsorption; Catalysts; Energy Conversion; Mass Spectroscopy; Spectrographic Techniques; Waste Material Recovery; ...1.0635

SORPTION OF GASEOUS POLLUTANTS BY CYCLED OPERATION ...Absorption - Chemistry; Adsorption; Air Pollution-chemistry; Energy Conversion; Scrubbers; Solvent; Sulfur Dioxide Removal; ...1.0637

USE OF ELECTRIC FIELDS IN COMBUSTION ...Air Pollution-chemistry; Electric Field; Furnace and Incinerator Design; Furnaces; Incineration; Nitrogen and Nitrogen Cpds.; Pilot Plants; ...1.0638

ENGINE EMISSION REDUCTION BY COMBUSTION CONTROL ...Air Cleaning Devices; Air Pollution-chemistry; Engines; Interferometry; ...1.0640

INTERACTION OF FLUE GASES WITH CARBON SURFACES ...Air Pollution-chemistry; Catalysis, Heterogeneous; Impurity; Oxidation; Porosity; Reduction Reactions; Sulfur Dioxide Removal; ...1.0642

REGENERABLE CHAR SORPTION PROCESS FOR SOX CONTROL ...Adsorption; Pilot Plants; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0645

PILOT PLANT STUDY OF AMMONIA SCRUBBING OF POWER PLANT STACK GASES ...Chemical Mechanisms & Kinetics; Furnace and Incinerator Design; Pilot Plants; Power Plants -see Specifics; Scrubbers; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0647

RI - ADAPTIVE MIXTURE CONTROL FOR INTERNAL COMBUSTION ...Engines; Fuel Induction Devices; Fuels; Inorganic Gases; Spark Ignition; ...1.0651

REMOVAL OF PYRITE FROM COAL BY DRY METHODS ...Air Pollution-chemistry; Deashing; Desulfurization; Electrostatic; Energy Conversion; Magnetic; ...1.0658

FLUIDIZED-BED COMBUSTION ...Boilers; Combustion Air Pollution-gen; Fluidized Bed Reactor; Fossil Fuels; Furnaces; Heat Transmission; ...1.0660

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Furnace and Incinerator Design; Packed Bed Reactor; Process Waste Recovery; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0661

STACK GAS SULFUR REMOVAL PROCESSES ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Energy Conversion; Waste Material Recovery; ...1.0662

MOLECULAR-BEAM SAMPLING FROM CYCLING-PRESSURE SOURCES ...Engine; Engines; Mechanism Determination; Spark Ignition; ...1.0673

SPREADING OF LEAD IN RURAL AREAS ...Air Pollution -see Specifics; Air Pollution-chemistry; Food Contamination; Lead;

Rural Areas; Toxic Substances; Water Pollutants - Path of; X-ray Spectroscopy; ...1.0703

FEASIBILITY OF RAMAN SCATTER TECHNIQUE FOR REMOTE MONITORING OF NO AND SO2 IN STACK EMISSIONS ...Air Pollution-chemistry; Detectors and Sensors; Nitrogen and Nitrogen Cpds.; ...1.0718

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution Control Systems; Air Pollution-chemistry; Chemical Analysis - general; Energy Conversion; Engines; Inorganic Gases; Radiometric Analysis; ...1.0721

DIESEL IGNITION AND COMBUSTION ENGINE RESEARCH ...Air Pollution -see Specifics; Diesel; Engines; Temperature; ...1.0724

ADAPTATION OF OXIDES OF NITROGEN ANALYTICAL METHOD TO LIGHT DUTY VEHICLE EXHAUST EMISSION PROCEDURE ...Air Pollution; Air Pollution Analysis; Cars; Chemical Analysis -general; Gases; Nitrogen and Nitrogen Cpds.; ...1.0726

DEVELOPMENT OF PARTICULATE EMISSION PROCEDURE ...Air Pollution; Air Pollution Sampling; Cars; Particulates - Air Pollution; ...1.0727

CONDUCT EMISSION TESTS ON DEVICES ...Air Pollution; Chemical Analysis -general; Gases; ...1.0729

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Analysis; Air Pollution Monitoring; Combustion Air Pollution-gen; Energy Conversion; Heat Balance - Budget; Power Plants; Urban Research -general; ...1.0735

ANALYTICAL METHODS FOR AROMATICS IN AUTO EXHAUST ...Air Pollution-chemistry; Chemical Carcinogenesis; Gas Chromatography; Trace Analysis; ...1.0739

EXTENSION OF CAPABILITY OF AUTOMATED CHROMATOGRAPHIC ANALYZER TO MEASURE ACETYLENE AND ETHYLENE ...Air Pollution Monitoring; Cars; Gas Chromatography; Organic Compounds; ...1.0746

START OF FIELD STUDY OF IR EMISSION SPECTRA FROM SO2 IN POWER PLANT PLUMES ...Air Pollution-chemistry; Exhaust, Combustion -see Auto; Gases; Infrared Spectroscopy; Power Plants -see Specifics; ...1.0752

DEFINITION AND ANALYSES OF HIGHER MOLECULAR WEIGHT ALDEHYDES ...Air Pollution -see Specifics; Aldehydes -nonspecific; Auto Exhaust -see Air Poll.; Biochemical Analysis - Tissues; Toxicology; ...1.0753

EMISSION INVENTORIES OF FEDERAL FACILITIES IN AQCR'S ...Air Pollution-chemistry; Data Reduction and Analysis; Exhaust, Combustion -see Auto; Furnaces; Nitrogen and Nitrogen Cpds.; Smoke -see Air Pollution; Statistics; ...1.0768

MAINTAIN AND PROVIDE UP-TO-DATE INFORMATION ON AIR POLLUTANT EMISSION FACTORS ...Air Pollution; Air Pollution-chemistry; Data Acquisition; ...1.0777

DEVELOPMENT OF HEAVY HYDROCARBON ANALYZER AND EVALUATION OF CONTINUOUS OXIDES OF NITROGEN ANALYZER FOR ADVANCED POWER PLANT STUDIES ...Air Pollution-chemistry; Chemical Analysis -general; Fuels; Nitrogen and Nitrogen Cpds.; Power Plants -see Specifics; ...1.0778

OPERATE A NETWORK OF CONTINUOUS MONITORING RESEARCH STATIONS (CAMP) ...Air Pollution; Air Pollution Monitoring; Automatic Weather Stations; Cars; Combustion Air Pollution-gen; Fuels; Lead; ...1.0783

CONTACT MONITORING OF INSTRUMENTATION DEVELOPMENTS FOR MOBILE SOURCES ...Air Pollution Monitoring; Air Pollution-chemistry; Combustion Air Pollution-gen; Gases; Mass Spectroscopy; Organic Compounds; ...1.0794

EVALUATION OF METHODS FOR DETERMINATION OF NITROGEN OXIDES IN AUTOMOTIVE EMISSIONS ...Air Pollution-chemistry; Electroanalyses; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Ultraviolet Spectroscopy; ...1.0795

FRABRICATION AND EVALUATION OF A PORTABLE FLAME PHOTOMETRIC DETECTOR DESIGNED TO MEASURE SO2 AND NOX IN STACK PLUMES ...Air Pollution-chemistry; Detectors and Sensors; Emission Spectroscopy; Nitrogen and Nitrogen Cpds.; ...1.0807

EVALUATION OF ELECTROCHEMICAL SENSORS FOR SOURCE CONCENTRATIONS OF SO2 AND NOX ...Air Pollution-chemistry; Electroanalyses; Energy Conversion; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0808

DEVELOP EMISSION RATES FOR MOBILE SOURCES ...Lead; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0812

ANALYZE SAMPLES OBTAINED FROM THE COOPERATIVE STUDY CONDUCTED IN ENGLAND ...Air Pollution Sampling; Air Pollution-chemistry; British Isles; Particulates - Air Pollution; Trace Elements; ...1.0814

DEVELOPMENT OF A WORKING MODEL FOR MEASUREMENT OF SULFUR DIOXIDE IN STACK GASES ...Detectors and Sensors; Mercury; Radiation Instruments; Radioactive Isotopes; Scintillation Counting; Sulfur Dioxide Removal; X and Gamma Rays; ...1.0834

SINGLE COMBUSTOR RIG INVESTIGATION OF TURBINE ENGINE EXHAUST EMISSIONS ...Air Cleaning Devices; Air Pollution-chemistry; Chemical Analysis -general; Engines; Fuels; Turbines; ...1.0836

POLLUTANTS IN CHIMNEY STACK PLUMES ...Air Pollution - see Specifics; Air Pollution-chemistry; Energy Conversion; Infrared Spectroscopy; Particulate Matter - Air Poll.; Radiation Detectors; ...1.0846

ATMOSPHERIC POLLUTION BY DIESEL ENGINES ...Air Pollution Monitoring; Diesel Equipment; Engines; Smoke; ...1.0850

AN INTEGRATED SYSTEM FOR SAMPLING STACK EMISSIONS ...Air Pollution Analysis; Air Pollution Monitoring; Air Pollution Sampling; Combustion Air Pollution-gen; Dust; Fluid Mechanics; Furnace and Incinerator Design; ...1.0858

OXIDATION MECHANISMS ON SUPPORTED CHROMIA CATALYSTS ...Air Pollution-chemistry; Catalysis, Heterogeneous; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; ...1.0884

TURBOPROPULSION AUGMENTOR EXHAUST EMISSIONS INVESTIGATION ...Chemical Analysis -general; Engines; Turbines; ...1.0914

RAIN SCAVENGING STUDIES ...Air Pollution; Atmosphere Disturbance; Cloud Physics; Diffusion; Lead; Tracers; ...2.0194

CONTROL OF POLLUTION FROM OUTBOARD ENGINES EXHAUST: A RECONNAISSANCE STUDY ...Air Cleaning Devices; Gas Chromatography; Thin Layer Chromatography; Water Purification; ...2.0275

USE OF GEL MATERIAL FOR SEALING DEEP MINE OPENINGS ...Catalysts; Ceramics; Plastics; Polymerization; Sealants -see Coatings; ...2.0347

TESTING METHODS FOR EVALUATION OF BOTH EFFECTIVENESS AND TOXICITY TO AQUATIC LIFE OF VARIOUS TREATING MATERIALS ...Adsorption; Chemical Treatment (water); Degradation -see Pesticide Deg; Oil Removal; Pesticide Toxicity -general; Physiological Effects; Surfactants -see Detergents; ...2.0845

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Environment; Loss Damages - Recreation; Recreation, Water Resources; Ship Wastes; Waste Management -see Specific; Water Chemistry; Water Pollutant Identification; ...2.0906

PROVIDE A COMPENDIUM OF OIL SPILL TREATING AGENTS COVERING ABSORBENTS, DISPERSANTS, SINKING AGENTS, COMBUSTION PROMOTERS, GELLING AGENTS, ETC ...Absorption - Chemistry; Dispersants; Oil; Oil Removal; Petroleum Wastes - Spillage; Sedimentation; ...2.0955

WASTE WATER PURIFICATION ...Activated Sludge; Adsorption; Dewatering; Energy Conversion; Sedimentation; Surfactants -see Detergents; ...2.1390

ENGINEERING PROPERTIES OF COMPACTED ASH FILLS ...Burning; Construction Materials; Engineering Mechanics; Materials -properties; Soil Compaction Or Density; ...3.0179

UTILIZATION OF SOLID WASTES FROM THE COMBUSTION AND MINING OF COAL ...Automotive Application; Elastomers; Pavement; Product Development Research; Soil Amendments; Soil pH; ...3.0341

MINERALS AND SULFUR MODES IN COAL ...Coal Research; Desulfurization; Energy Conversion; ...3.0404

TECHNICAL AND ECONOMIC EVALUATION OF PROCESSES TO MANUFACTURE USEFUL PRODUCTS FROM LIMESTONE MODIFIED FLYASH ...Costs -see Economics Entries; Sulfur Dioxide Removal; ...3.0406

EQUIPMENT AND METHODS FOR DECONTAMINATION AND DISPOSAL OF PESTICIDES AND PESTICIDE CONTAINERS ...Formulations -nonspecific; Incineration; Nitrification; Pesticide Degradation -see Deg; Sevin; Waste Water Degradation; ...4.1052

TRITIATED HYDROGEN IN THE ATMOSPHERE - OF A NEW ULTRA-SENSITIVE TECHNIQUE FOR ENVIRONMENTAL SAMPLING IN NATURE AND INDUSTRY (ABBREV.) ...Adsorption; Air Pollution-chemistry; Atmospheric Dynamics; Catalysis, Heterogeneous; Detectors and Sensors; Industrial Wastes; Radioactivity; ...5.0813

Commercial Buildings

RADON PROGENY EXPOSURE CONTROL IN BUILDINGS ...Building Design; Construction Materials; Radiation Injury Prevention; Radioactive Isotopes; Radon; Respiratory Irritants, Inhaled; ...5.0803

Committee Support

PARTIAL SUPPORT OF THE COMMITTEE ON GEOLOGICAL SCIENCES ...Geology -general; Seismology; Waste Disposal-see Solid Waste; ...1.0485

COMMITTEE ON ATMOSPHERIC SCIENCES ...Air Pollution; Mesometeorology; Severe Storms - Squalls; Weather Forecasting; ...1.0486

SAE COMMITTEE ON DIESEL AND AIRCRAFT GAS TURBINE EMISSIONS MEASUREMENTS ...Diesel; Engines; Inorganic Gases; Turbines; ...1.0743

ASTM SUBCOMMITTEE ON SENSORY METHODS OF MEASUREMENT ...Air Pollution; Air Pollution -see Specifics; ...1.0840

POLLUTION OF COASTAL WATERS ...Coastlines - Shorelines; Economic Geology -general; Management; Marine Environments; Social Aspects; Water Quality Control -general; ...2.0565

BOTANICAL RESEARCH - ENVIRONMENTAL GEOCHEMISTRY IN RELATION TO HEALTH AND DISEASE ...Geochemical Investigations; Health & Geographic Factors; Lead; Meetings; Soil Chemistry; ...2.1505

EXPERT, AD HOC COMMITTEES AS A SOURCE OF TECHNICAL ADVICE - DOCTORAL DISSERTATION RESEARCH ...Consumer Attitudes- Pesticides; Pesticide Usage History; Pesticides -nonspecific; Scientists & Engineers; Technology - Social Impact; ...4.1135

RADIATION DOSE FROM DIAGNOSTIC ISOTOPE PROCEDURES ...Beta Particles; Chlorine; Iodine; Mercury; Selenium; Technetium; ...5.0873

PERSONNEL TECHNOLOGY - NAS/NRC ADVISORY SERVICES ON OPERATIONAL PROBLEMS OF VISION AND HEARING ...Acoustics; Aviation Medicine; Consultants, Advisory Services; Military Personnel; Pilots; Vibrations, -bioeffects; ...6.0077

Communication

TELEVISION PROGRAMMING RELATED TO PROBLEMS OF THE ENVIRONMENT ...Psychology; Television; ...2.1882

MECHANISMS OF NOISE GENERATION, PROPAGATION AND RECEPTION AS RELATED TO AIR FORCE BIOACOUSTIC PROBLEMS ...Acoustics; Aircraft; Aviation Medicine; Noise; Sensory & Perceptual Processes; Sound Attenuation Acoustics; ...6.0011

ACOUSTIC INTERFERENCE WITH COCKPIT COMMUNICATIONS ...Aerospace Studies; Noise; Pulse Modulation; Sensory & Perceptual Processes; Signal Analysis; ...6.0015

VOICE COMMUNICATION DURING AIR FORCE IN-FLIGHT AND GROUND OPERATIONS ...Electronic Control Systems; Sensory & Perceptual Processes; Signal Analysis, ...6.0103

EFFECTS OF NOISE ON AIR FORCE PERSONNEL IN OPERATIONAL ENVIRONMENTS ...Hearing Loss and Deafness; Military Personnel; Noise; Pilots; Sensory & Perceptual Processes; Space Medicine - Exobiology; ...6.0114

Communication Systems-other

HYBRID 14-COMPUTER OPTIMIZATION OF DISTRIBUTED PARAMETER SYSTEMS ...Mathematical Analysis; Prediction; Rapid Transit; Stochastic Processes; Urban Research -general; ...1.0008

COMMUNICATIONS ...Air Pollution; Forecasting - Prediction; ...1.0509

AIR CREW PERSONNEL NOISE EXPOSURE ...Aerospace Studies; Aircraft; Aviation Medicine; Fatigue; Noise; Noise Abatement; Pilots; Sensory & Perceptual Processes; ...6.0014

Community - Social Studies

ENVIRONMENT AND HUMAN RESPONSE ...Air Pollution -see Specifics; Economics of Natural Resources; Recreation, Water Resources; Regional Economics; Rural Sociology; Urban Planning; ...1.0495

COMMUNITY ADOPTION OF WATER RECYCLING SYSTEMS ...Social Aspects; Urban Environment; Water Resources Planning; Water Supply -general; ...2.1301

CITIZEN WORKSHOPS ON CLEAN WATER FOR AMERICA ...Government -see Federal Gov.; Meetings; Water Quality -general; ...2.1823

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Effluents - Waste Water; Legal Studies; Optimization, Economic; Water Costs; Water Resources Planning; Water Standards & Baselines; Welfare Economics; ...2.1844

PUBLIC PARTICIPATION IN WATER POLLUTION CONTROL POLICY AND DECISION MAKING ...Government -see Federal Gov.; North Carolina; Social Aspects; Water Quality Control -general; Water Resources Planning; ...2.1891

COMMUNITY REACTIONS TO WATER RESOURCES PROBLEMS IN RELATION TO PLANNING ...Floods; Social Aspects; Urban Environment; Urban Planning; Water Pollution Sources; Water Resources Planning; Water Supply -general; ...2.1895

SOCIO-ECONOMIC FACTORS RELATED TO THE INCIDENCE OF A WATER-BORNE DISEASE ...Bacterial Pollutant Sources; Digestive System - Human; Economic Impact; Intestinal Bacteria; Puerto Rico; Social Aspects; Water Pollution -see Specifics; ...2.1909

ATTITUDES, OPINIONS AND GOALS CONCERNING REGIONAL RESOURCE PLANNING AND DEVELOPMENT ...Attitudes & Attitude Change; Computer Methods -general; Economic Planning; Government -see Federal Gov.; Regional Economics; River Basins; Vermont; ...2.1922

Community Health Services

AIR POLLUTION AND EMERGENCY ROOM VISITS ...Air Pollution; Air Pollution -see Specifics; New York; ...1.0227

DETERMINE THE VARIABILITY OF REPORTING OF ILLNESS & USE OF HEALTH CARE FACILITIES AS RELATED TO PERCEPTIONS OF ILLNESS (ABBREV) ...Air Pollution -see Specifics; ...1.0252

STUDIES DESIGNED TO IDENTIFY AND QUANTIFY THE EFFECTS OF AROMATIC POLYNUCLEATED MATERIALS ON MAN'S HEALTH AND HIS ENVIRONMENT (ABBREV) ...Air Pollution -see Specifics; Organic Compounds; ...1.0266

THE ORGANIZATIONAL FACTORS IN AIR POLLUTION CONTROL ...Air Pollution; Air Pollution -see Specifics; Government -see Federal Gov.; Legal Studies; Organizational Research; Urban Environment; Urban Research -general; ...1.0483

ILLINOIS AND ITS INTERSTATE COMPACTS ...Administrative Organizations; Illinois; Legal Review; Urban Environment; Urban Research -general; Water Resources Protection; ...2.1819

Computer Applications

UTILIZATION OF PHYSICAL AND MATHEMATICAL MODELS IN ESTUARINE WATER RESOURCES RESEARCH AND MANAGEMENT ...Analog Computer Applications; Dispersion (water); Estuaries; Management (water); Mathematical Models; Tides; ...2.1122

Analog Computer Applications

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

UTILIZATION OF PHYSICAL AND MATHEMATICAL MODELS IN ESTUARINE WATER RESOURCES RESEARCH AND

MANAGEMENT ...Dispersion (water); Estuaries; Management (water); Mathematical Models; Tides; ...2.1122

Digital Computer Applications

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency; Flow Characteristics (water); Industrial Wastes; Model Studies; North Carolina; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Protection; ...2.1104

UNSTEADY FLOW AND SALINE INTRUSION IN ESTUARIES ...Channels; Development of Models; Estuaries; Fluid Mechanics; Mathematical Models; Model Studies; Saline Water Intrusion; ...2.1116

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Confidence Intervals; Hudson River; Monte Carlo Methods; Optimization Technique; River Basins; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

Computer Methods -general

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Abscission; Air Pollution -see Specifics; Herbicides and Other Chem; Pollutant Resistance; ...1.0357

COMEX AIR POLLUTION COMPUTER RESEARCH PROJECT ...Administration and Management; Air Pollution; Air Pollution - see Specifics; Decision Making; Education -see Training; Social Aspects; Urban Research -general; ...1.0476

DEVELOPMENT OF AIR SAMPLING METHODOLOGY ...Air Pollution -see Specifics; Air Pollution-chemistry; Biochemical Analysis - Tissues; Coulometry; Electrochemistry; Gas Chromatography; Monitoring Devices; ...1.0830

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Bacterial Population Surveys; Column Chromatography; Electrophoresis; Isotope Tracer -see Tracers; Phosphorus; Sewage, Sewage Bacteria; ...2.0020

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties Soil Structure -other; Water Reuse, ...2.0031

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL ...Contamination; Development of Models; Forecasting - Prediction; Land Use; Mathematical Models; Model Studies; Waste Disposal on Soils; Water Quality Control -general; ...2.0343

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution - see Specifics; Energy Budgets; Metabolism and Biochemistry; Plant Competition; Plant Physiological Ecology; Plant Response to Env. -ns; Temperature - Internal; Water Utilization -plant; ...2.1629

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

ATTITUDES, OPINIONS AND GOALS CONCERNING REGIONAL RESOURCE PLANNING AND DEVELOPMENT ...Attitudes & Attitude Change; Economic Planning; Government -see Federal Gov.; Regional Economics; River Basins; Vermont; ...2.1922

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Bos; Chlorine; Contamination - Soil; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Soil Moisture; Zea Mays - Field Corn; ...3.0097

LIFE CYCLE DAIRY HOUSING, MANAGEMENT AND BEHAVIOR ...Animal Wastes - Feed Lots; Behavior -vertebrate; Bos; Dairy Industry; Farm Animal Wastes; Iodides; Sewage Lagoons; ...3.0138

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Gossypium; Herbicides -nonspecific; Insecticides -nonspecific; Liquids Or Sprays; Models of Biological Systems; Pesticide Action on Plants; Pesticide Drift; ...4.0002

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

HERBICIDE SCREENING STUDIES ON SUGAR BEETS ...Bioassay; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Residues; ...4.0251

THE INFLUENCE OF PESTICIDES ON MORTALITY RATES OF BIRDS ...Animal Productivity; Birds; Pelecaniformes; Pesticide Residue Analysis; Pesticides -nonspecific; Population Dynamics - general; ...4.0828

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Food Supply; Forest Environment -general; Mark, Tag Or Capture; Pesticide Residue Analysis; Pesticides - nonspecific; Quail; ...4.1113

SYSTEMS ECOLOGY ...Animal Predation; Energy Budgets; Environmental Ecology; Plant Ecology -nonspecific; Plant Productivity -general; Radioactive Pollution -ns; Reactor Sites & Rad Waste; Systems Analysis; ...5.0074

ANALYSIS OF THE MORBIDITY AND MORTALITY OF CHILDREN IRRADIATED IN FETAL LIFE ...Human Developmental Biology; Injury and Shock; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0302

AREA PROGRAM IN POPULATION GENETICS ...Atomic Bomb; Brazil; Demography; Japan; Population - Growth; Venezuela; ...5.0403

THE LONG-TERM TURNOVER OF RADIONUCLIDES IN MAN ...Cesium; Metabolism & Metab. Diseases; Metabolism and Biochemistry; Radiation Effects - Man; Radiologic Health; Strontium; Zinc; ...5.0521

RADIATION EFFECTS ON CELL AND POPULATIONS DYNAMICS OF U-12 FIBROBLASTS ...Cell Injury and Autolysis; Cellular Catabolism-see Degrad; Population - Growth; Radiation; Radiation, Low Level; X and Gamma Rays; ...5.0560

COMPUTER DATA REDUCTION FOR AIRCREW FLASHBLINDNESS PREDICTION ...Burns; Nuclear Warfare; Occupational Hazards; Radiation -see Specifics; Radiation Injury Prevention; Spectrographic Techniques; ...5.0701

SOMATIC EFFECTS OF LOW-DOSE RADIATION - CHROMOSOME ANALYSIS AND ANALYTICAL METHODOLOGY ...Cybernetics; Data Acquisition Systems; Data Reduction and Analysis; Image Amplifiers; Man Machine Systems; Radiation, Low Level; Research - Development; ...5.0785

PHYSICAL AND BIOLOGICAL INVESTIGATIONS OF HIGH ENERGY RADIATION DIRECTED MAINLY TOWARD THERAPY ...Beta Particles; Cancer; Facilities; Radiation Effects - Biological; Radiation Shielding; X and Gamma Rays; ...5.0833

COMPUTER APPLICATIONS ...Californium; Data & Statistics Info Storage; Data Reduction and Analysis; Dose Rate, Dose Fractionation; Man Machine Systems; Neutron -see Radiation; ...5.0897

NUCLEAR MEDICINE AND SCANNING - INSTRUMENTATION ...Monitoring Devices; Monitors and Automatic; Photography; Radiation, Whole Body; Whole Body; X and Gamma Rays; ...5.0923

WHOLE BODY RETENTION AND DISTRIBUTION MEASUREMENT OF RADIOISOTOPES IN MAN ...Cobalt; Information Systems; Iodine; Models (physical) of Anim.&man; Strontium; ...5.0943

Computer Software Programming

Computer Languages

AMMONIA STRIPPING MATHEMATICAL MODEL FOR WASTE WATER TREATMENT ...Aeration (water); Development of Models; Finance -see Economics Entries; Mathematical Models; Model Studies; Precipitation; Waste Treatment Economics; ...2.1346

OPTIMIZATION TECHNIQUES FOR AGRICULTURAL PROBLEMS ...Farm Animal Wastes; Mathematical Models; Optimization Technique; Simulation Theory; Systems Analysis; ...3.0146

DESIGN OF WASTE TREATMENT FACILITIES BY COMPUTER ...Economic Theory; Mathematical Analysis; Process Design; Sanitary Sewage Quantity; Sewage Treatment Plant; Sewer Systems; ...5.0231

Computers

Data Acquisition Systems

DIGITAL SYSTEMS FOR ON-SITE DATA COLLECTION FOR WATER QUALITY ANALYSIS ...Automatic Data Aquisition; Data Networks; Data Transmission Systems; Digital Computers; Instrument Services; Water Quality -general; ...2.0481

DATA ACQUISITION SYSTEMS IN WATER QUALITY MANAGEMENT ...Aircraft Remote Sensing; Colorado; Data Acquisition; Detectors and Sensors; Regional Or State Studies; Water Chemistry; Water Standards & Baselines; ...2.0519

SOMATIC EFFECTS OF LOW-DOSE RADIATION - CHROMOSOME ANALYSIS AND ANALYTICAL METHODOLOGY ...Computer Methods -general; Cybernetics; Data Reduction and Analysis; Image Amplifiers; Man Machine Systems; Radiation, Low Level; Research - Development; ...5.0785

Data Transmission Systems

DIGITAL SYSTEMS FOR ON-SITE DATA COLLECTION FOR WATER QUALITY ANALYSIS ...Automatic Data Aquisition; Data Acquisition Systems; Data Networks; Digital Computers; Instrument Services; Water Quality -general; ...2.0481

Digital Computers

DIGITAL SYSTEMS FOR ON-SITE DATA COLLECTION FOR WATER QUALITY ANALYSIS ...Automatic Data Aquisition; Data Acquisition Systems; Data Networks; Data Transmission Systems; Instrument Services; Water Quality -general; ...2.0481

Facilities

DATA PROCESSING - FEDERAL INSTALLATIONS ...Air Pollution; Airplanes; Data Reduction and Analysis; Ships; ...1.0516

MATHEMATICAL AND COMPUTER SERVICES FOR THE ANALYSIS OF DATA AND DESIGN OF EXPERIMENTS FOR CERTAIN FWQA PROGRAMS ...Coastlines - Shorelines; Electric Power Plants; Marine Environments; Pulp and Paper Wastes; ...2.1897

PHYSICAL AND BIOLOGICAL INVESTIGATIONS OF HIGH ENERGY RADIATION DIRECTED MAINLY TOWARD THERAPY ...Beta Particles; Cancer; Computer Methods -general; Radiation Effects - Biological; Radiation Shielding; X and Gamma Rays; ...5.0833

Recording Systems

AIR CREW PERSONNEL NOISE EXPOSURE ...Aerospace Studies; Aircraft; Aviation Medicine; Fatigue; Noise; Noise Abatement; Pilots; Sensory & Perceptual Processes; ...6.0014

Research - Development

INVESTIGATION OF PRESENT THERMAL REGIME OF MISSOURI RIVER IN MISSOURI ...Aircraft Remote Sensing; Depth (water); Energy Conversion; Infrared Radiation; Missouri River; Thermal Pollution; Water Temperature Recorders; ...2.0227

POWER PRODUCTION ...Atomic Plants; Chemical Effects; Density; Effluents - Waste Water; Energy Conversion; Mathematical Models; Reservoirs and Impoundments; Thermal Pollution; ...2.0337

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Energy Conversion; Flume Studies; Model Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

COMPUTER SIMULATION AND DESIGN OF TREATMENT INSTALLATIONS FOR DOMESTIC ...Mathematical Models, Process Design; Sewage - Domestic; Simulation Theory; Waste Treatment Economics; Water Quality Control -general; ...3.0088

HYDROGRAPH METHOD OF SEWER DESIGN ...Drainage; Hydrographs; Sewer Systems; Storm Sewer Quantity; ...3.0325

SOMATIC EFFECTS OF LOW-DOSE RADIATION - CHROMOSOME ANALYSIS AND ANALYTICAL METHODOLOGY ...Computer Methods -general; Cybernetics; Data Acquisition Systems; Data Reduction and Analysis; Image Amplifiers; Man Machine Systems; Radiation, Low Level; ...5.0785

Video

SCINTIGRAPHY USING THE SCINTILLATION CAMERA, POSITRON CAMERA, MARK II WHOLE BODY SCANNER AND MULTIPLANE TOMOGRAPHIC SCANNER (ABBREV) ...Detectors; Positron Camera; Radioactive Isotopes; Whole Body; ...5.0779

Condensation

RADIOACTIVE FALLOUT FORMATION ...Chemical Mechanisms & Kinetics; Condensation Physics; Fallout -see Radioactive; Forecasting - Prediction; Radioactive Fallout; Rate of Reaction; ...5.0047

Condensers

COMBINED COOLING AND BIO-TREATMENT OF BEET-SUGAR FACTORY CONDENSER WATER EFFLUENT ...Chemical Treatment (water); Food Processing Industries; Industrial Wastes; Organic Matter; Sugar Refining Wastes; Thermal Pollution; Waste Water Degradation; ...2.1201

Conifers

ANALYSIS OF THE ATMOSPHERIC PHOTOCHEMICAL REACTION PRODUCTS OF TERPENES ...Air Pollution -see Specifics; Air Pollution-chemistry; Chemical Analysis -general; Photochemical Reactions; ...1.0157

THE RELATIVE SUSCEPTIBILITY OF WESTERN CONIFERS TO OZONE AND AMBIENT OXIDANTS ...Abies; Air Pollution Effects; Gases; Herbicides and Other Chem; Picea; Pinus (other Specifics); Western U. S.; ...1.0396

RESPONSE OF EASTERN CONIFERS TO POLLUTANT MIXTURES AT SPECIFIED TIMES DURING NEEDLE DEVELOPMENT ...Air Pollution Effects; Eastern U. S.; Gases; Herbicides and Other Chem; Sulfur Dioxide; ...1.0398

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Agricultural Economics; Alaska; Cost-benefit Analysis; Equipment & Machinery; Forest Fires -see Fire; Helicopters; Recreation, Outdoor; Types of Resources; ...1.0656

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Aquifoliaceae; Granules, Capsules; Ornamentals; Pesticide Application Rates; Pinus (other Specifics); Senecio; Soil Types -also See Specifics; Washington; ...4.0510

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels, Altitude; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

Abies

COMPOSITION AND DISTRIBUTION OF FOREST FIRE SMOKE ...Air Pollution -see Specifics; Chemical Analysis -general; Combustion Air Pollution-gen; Fire Research -see Forest Fire; Larix; Mathematical Models; ...1.0156

THE RELATIVE SUSCEPTIBILITY OF WESTERN CONIFERS TO OZONE AND AMBIENT OXIDANTS ...Air Pollution Effects; Conifers; Gases; Herbicides and Other Chem; Picea; Pinus (other Specifics); Western U. S.; ...1.0396

FOREST TREE IMPROVEMENT THROUGH SELECTION AND BREEDING ...Air Pollution -see Specifics; Forest Pathology; Juglans; Magnoliaceae; Pinus Nigra; Populus; ...1.0414

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Climates - general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils - see Soils, Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

Cupressus

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Tropical Regions; ...5.0218

Juniperus

CONTROL METHODS FOR JUNIPERS, SHRUB LIVE OAK, AND ASSOCIATED WEEDS ...Climates -general; Fenuron; Granules, Capsules; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Plants - Dicotyledons; ...4.0007

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Aquifoliaceae; Ericaceae; Pesticide Action on Plants; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; Simazine; Terbacil; ...4.0761

Larix

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation, Handbooks, Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; ...1.0071

COMPOSITION AND DISTRIBUTION OF FOREST FIRE SMOKE ...Abies; Air Pollution -see Specifics; Chemical Analysis -general; Combustion Air Pollution-gen; Fire Research -see Forest Fire; Mathematical Models; ...1.0156

FOREST TREE IMPROVEMENT THROUGH SELECTION AND BREEDING ...Abies; Air Pollution -see Specifics; Forest Pathology, Juglans; Magnoliaceae; Pinus Nigra; Populus; ...1.0414

Picea

THE RELATIVE SUSCEPTIBILITY OF WESTERN CONIFERS TO OZONE AND AMBIENT OXIDANTS ...Abies; Air Pollution Effects; Conifers; Gases; Herbicides and Other Chem; Pinus (other Specifics); Western U. S.; ...1.0396

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0298

IMPROVED MARKETING PRACTICES AND MARKETS FOR LUMBER AND OTHER MANUFACTURED PRODUCTS OF EASTERN HARDWOODS ...Agricultural Economics; Consumption; Costs -see Economics Entries; Manufacturing; Mulches; Processing; Supply; Tsuga; ...3.0344

NEW AND IMPROVED PRODUCTS FROM WESTERN SOFTWOODS ...Costs -see Economics Entries; Lumbering -general; Materials, Composite; Pinus Ponderosa; Pseudotsuga; Southwest U. S.; ...3.0363

DEVELOPMENT OF THE EASTERN SPRUCE GALL APHID AND ITS CONTROL ...Animal Life History Studies; Lindane; Liquids Or Sprays; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0463

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

REMOVAL OF COMPETING PAMPAS GRASS (CORTADERIA SELLOANA) FROM REDWOOD REFORESTATION AREAS ...D, 2,4-; Gramineae; Mammals -nonspecific; Pesticide Application Rates; Pesticide Formulation; Sequoia; ...4.0541

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates; Arachnida; Biological Control; Chlorinated Hydrocarbons; Dimethoate; Meta - Systox; Pesticide Evaluation; Sevin; ...4.0809

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Mammals -nonspecific; Microorganisms; Plants; Populus; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0769

Pinus (other Specifics)

THE RELATIVE SUSCEPTIBILITY OF WESTERN CONIFERS TO OZONE AND AMBIENT OXIDANTS ...Abies; Air Pollution Effects; Conifers; Gases; Herbicides and Other Chem; Picea; Western U. S.; ...1.0396

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Aquifoliaceae; Conifers; Granules, Capsules; Ornamentals; Pesticide Application Rates; Senecio; Soil Types -also See Specifics; Washington; ...4.0519

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Prunus Ceracus & P. Avium; Soil Moisture; Translocation; Ulmaceae; ...4.0519

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Tropical Regions; ...5.0218

Pinus -nonspecific

PRODUCTIVITY AND MINERAL CYCLING ON NATURAL AND MANIPULATED ECOSYSTEMS ...Analysis of Ecosystems; Forest Watersheds; Nutrients; Plant Succession; Productivity of Terrestrial; ...2.0551

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Freezing & Below; Low Temp. - But Above 32f; Radioisotopes; Soil Moisture; Sprinkler Irrigation; Transpiration and Evap; ...2.1001

FOREST PRACTICE ALTERNATIVES IN CENTRAL ALABAMA ...Atrazine; D, 2,4-; Economic Feasibility; Forest Management; Liquids Or Sprays; Pesticide Evaluation; Simazine; ...4.0206

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

THE NATURE OF RADIATION SENSITIVITY IN PINES ...Literature Search; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; X and Gamma Rays; ...5.0547

ENVIRONMENTAL BIOLOGY - METABOLISM AND PRODUCTION OF A FOREST ...Carbon; Photosynthesis; Plant Ecology - nonspecific; Plants; Quercus; Radioecology - Plants; X and Gamma Rays; ...5.0900

Pinus Elliottii

RECOVERY OF A PINE FOREST FOLLOWING EXPOSURE TO IONIZING RADIATION ...Beta Particles; Dominant Organisms; Pinus Taeda; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0543

Pinus Flexilis

FOREST TREE IMPROVEMENT THROUGH SELECTION AND BREEDING ...Abies; Air Pollution -see Specifics; Forest Pathology; Juglans; Magnoliaceae; Pinus Nigra; Populus; ...1.0414

Pinus Lambertiana

EXPERIMENTAL EMBRYOGENESIS AND HISTOGENESIS IN PINUS LAMBERTIANA ...Cell Injury and Autolysis; Growth Substances; Microscopic Spectrophotometry; Plants; Reproductive Physiology; Spectrographic Techniques; Translocation; ...5.0212

Pinus Nigra

PHYSIOLOGICAL RESPONSES OF PLANTS TO TOXIC AIR POLLUTANTS ...Adenosine Triphosphate; Enzymes; Lycopersicum; Mineral Nutrition; Pathological Physiology; Respiration; Vegetables; ...1.0365

FACTORS IN RESPONSE OF AUSTRIAN PINE TO AIR POLLUTION ...Air Pollution -see Specifics; Herbicides and Other Chem; New Jersey; ...1.0366

FOREST TREE IMPROVEMENT THROUGH SELECTION AND BREEDING ...Abies; Air Pollution -see Specifics; Forest Pathology; Juglans; Magnoliaceae; Populus; ...1.0414

AIR POLLUTION EFFECTS ...Animal Life History Studies; Hamamelidaceae; Oleaceae; Pinus Virginiana; Plant Response to Env. -ns; Quercus; ...1.0419

Pinus Ponderosa

BIOLOGY AND CONTROL OF DISEASES OF CONIFER FORESTS OF CALIFORNIA AND HARDWOOD FORESTS OF HAWAII ...Elevation Levels, Altitude; Fomes; Forest Pathology; Fungal Resistance; Loranthaceae; Smog; ...1.0308

NEW AND IMPROVED PRODUCTS FROM WESTERN SOFTWOODS ...Costs -see Economics Entries; Lumbering -general; Materials, Composite; Picea; Pseudotsuga; Southwest U. S.; ...3.0363

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Economic Losses (or Benefits); Furadan; Malathion; Oleaceae; Pesticide Phytotoxicity; Population Dynamics -general; Thimet; ...4.0433

Pinus Resinosa

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Percolation (water); Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0298

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification, Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

FERTILITY OF FOREST NURSERY SOILS ...Aluminum; Cold Resistance; Forest Pathology; Maneb; Pesticide Phytotoxicity; Plant Residues, Humus, Compost; Soil Cover Crops; ...4.0517

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES ...Albizzia; Cellular Metabolism - Controls; Growth; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Temperature; X and Gamma Rays; ...5.0414

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels, Altitude; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

Pinus Strobus

INFLUENCE OF SELECTED AIR POLLUTANTS ON PHOTOSYNTHESIS OF MATURE FOREST TREES UNDER NATURAL CONDITIONS ...Air Pollution -see Specifics; Photosynthesis; Pollutant Resistance; Sulfur Dioxide; ...1.0335

LOPHODERMIUM NEEDLE CAST DISEASE AND OZONE DAMAGE ON WHITE PINES ...Forest Pathology; Gases; Humidity; Lophodermium; ...1.0356

EFFECTS ON FOREST TREES OF LONG-TERM EXPOSURE TO LOW CONCENTRATIONS OF AIR POLLUTANTS ...Fluorine; Forest Pathology; Pollutant Resistance; Smoke -see Air Pollution; ...1.0384

BIOCHEMISTRY OF OZONE INJURY TO PINES ...Air Pollution - see Specifics; Bioindicators; Forest Environment -general; Pinus Taeda; Plant Response to Env. -ns; ...1.0385

PENNSYLVANIA POWER PLANT STUDY ...Air Pollution-chemistry; Farm Pond; Industrial Pollution -general; Lead; Power Plants -see Specifics; Sulfur Dioxide; Wind -see Air Motion; ...1.0407

PLANT AIR POLLUTION STUDIES ON LOSSES, EFFECTS, AND CONTROL AND TECHNICAL ASSISTANCE ON PROBLEMS ...Air Pollution -see Specifics; Losses Due to Pollution; Moisture Deficiency; Soil Chemical Properties; Temperature - Air; ...1.0408

FOREST TREE IMPROVEMENT THROUGH SELECTION AND BREEDING ...Abies; Air Pollution -see Specifics; Forest Pathology; Juglans; Magnoliaceae; Pinus Nigra; Populus; ...1.0414

AIR POLLUTION DAMAGE IN WHITE PINE ...Phenols; Pollutant Resistance; ...1.0437

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa, Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

Pinus Sylvestris

PENNSYLVANIA POWER PLANT STUDY ...Air Pollution-chemistry; Farm Pond; Industrial Pollution -general; Lead; Pinus Strobus; Power Plants -see Specifics; Sulfur Dioxide; Wind -see Air Motion; ...1.0407

BREEDING TREES RESISTANT TO AIR POLLUTANTS ...Air Pollution -see Specifics; Ornamentals; Plant Resistance; Plant Response to Env. -ns; Pollutant Resistance; Soil Environment - other; Sulfur Dioxide; ...1.0417

AIR POLLUTION EFFECTS ...Animal Life History Studies; Hamamelidaceae; Oleaceae; Pinus Nigra; Pinus Virginiana; Plant Response to Env. -ns; Quercus; ...1.0419

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

Pinus Taeda

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS ...Air Pollution - see Specifics; Carbon Monoxide; Fire Behavior - Identification; Fire Prevention; Fire Research -see Forest Fire; Forest Environment -general; Forest Litter, Duff & Humus; ...1.0043

BIOCHEMISTRY OF OZONE INJURY TO PINES ...Air Pollution - see Specifics; Bioindicators; Forest Environment -general; Pinus Strobus; Plant Response to Env. -ns; ...1.0385

ECOLOGICAL METEOROLOGY STUDIES: A PINE PLANTATION ...Air Pollution -see Specifics; Energy Budgets; Forest Environment -general; Temperature - Air; Wind -see Air Motion; ...1.0422

USE OF FENURON IN CONTROL OF SCRUB OAK ...Fenuron; Granules, Capsules; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Quercus; ...4.0173

RECOVERY OF A PINE FOREST FOLLOWING EXPOSURE TO IONIZING RADIATION ...Beta Particles; Dominant Organisms; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0543

Pinus Virginiana

AIR POLLUTION EFFECTS ...Animal Life History Studies; Hamamelidaceae; Oleaceae; Pinus Nigra; Plant Response to Env. -ns; Quercus; ...1.0419

Pseudotsuga

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation; Handbooks; Loss Damages - Recreation; Safety - Recreation; Wildlife -nonspecific; ...1.0071

THE EFFECTS OF ATMOSPHERIC POLLUTION ON EPIPHYTES ...Air Pollution Monitoring; Bryophyta; Idaho; Iron & Steel Industry; Montana; Range Or Territorial Distr.; ...1.0421

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

EFFECTS OF LOGGING ON SALMON POPULATIONS IN COASTAL STREAMS ...Animal Migration; Coastlines - Shorelines; Fish and Shellfish; Forest Watersheds; Lumbering - general; Oregon; ...2.1688

UTILIZATION OF BARK WASTE ...Additives; Casting of Materials; Gas Chromatography; Inspection and Control; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Pulp-waste; ...3.0277

UTILIZATION OF AGRICULTURAL WASTES IN CROP PRODUCTION ...Agaricus; Farm Animal Wastes; Gramineae - other; Mineral Nutrition; Plant Residues, Humus, Compost, Zea Mays - Field Corn; ...3.0294

NEW AND IMPROVED PRODUCTS FROM WESTERN SOFTWOODS ...Costs -see Economics Entries; Lumbering -general; Materials, Composite; Picea; Pinus Ponderosa; Southwest U. S.; ...3.0363

THE BEHAVIOR AND FATE OF DDT AND ZECTRAN IN A FOREST SOIL ...DDT; Environment Accumulation Rates; Pesticide Interaction With Env; Pesticide Persistance in Soils; Soil Microbiology; Zectran; ...4.0197

Sequoia

REMOVAL OF COMPETING PAMPAS GRASS (CORTADERIA SELLOANA) FROM REDWOOD REFORESTATION AREAS ...D, 2,4-; Gramineae; Mammals -nonspecific; Pesticide Application Rates; Pesticide Formulation; Picea; ...4.0541

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radiation

Sensitivity -man; Radioactive Fallout-cf Fallout; Tropical Regions; ...5.0218

Taxus

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Aquifoliaceae; Ericaceae; Juniperus; Pesticide Action on Plants; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; Simazine; Terbacil; ...4.0761

Tsuga

IMPROVED MARKETING PRACTICES AND MARKETS FOR LUMBER AND OTHER MANUFACTURED PRODUCTS OF EASTERN HARDWOODS ...Agricultural Economics; Consumption; Costs -see Economics Entries; Manufacturing; Mulches; Processing; Supply; ...3.0344

Connecticut

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution; Air Pollution Monitoring; Attenuation; Solar Radiation -sunshine; ...1.0689

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution -see Specifics; Atmosphere; Particulates - Air Pollution; Scattering; Urban Research -general; ...1.0690

ORGANIC DEBRIS ON CONNECTICUT BEACHES AND SHORES ...Bacterial Identification; Cellular Catabolism-see Degrad; Marine Plants; Organic Matter; Physical Water Properties; Salinity (water); ...2.0084

NUTRIENT EXCHANGE IN RIVERS AND LAKES ...Agricultural Watersheds; Eutrophic Lakes; Nutrients; Urban Environment; Water Pollution Sources; ...2.0085

CONTROL OF AQUATIC WEEDS ...Chemical Analysis (water); D, 2,4-; Dichlobenil; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticide Residues; ...2.0088

HYDROGEOLOGY OF A WELL FIELD ...Flow Characteristics (water); Geology -general; Soil Tillage; Water Quality -general; Water Resources Planning; Water Wells; ...2.0367

AN ECOLOGICAL STUDY OF THE LOWER HOUSATONIC RIVER - PHASE I - SURVEY OF THE CHEMICAL ASPECTS OF THE RIVER ...Alkalinity (water); Chemical Water Properties; Ecological Effects; Optical Properties of Water; Survey Studies (water); Zinc; ...2.0523

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Leaching; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Filters; Soil Organic Content; Soil Texture; Waste Disposal on Soils; ...2.0988

WASTE WATER DISPOSAL SYSTEMS FOR DEVELOPING UNSEWERED AREAS ...Home Waste Disposal Units; Leaching; Rural Areas; Septic Tanks; Sewage - Domestic; Soil Moisture; ...3.1203

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials; Coatings -see Materials; Dewatering; Effluents - Waste Water; Industrial Wastes; Metal Processing Wastes; Pilot Plants; Sludge; Waste Treatment Economics; ...2.1208

A STUDY OF LEGAL AND ADMINISTRATIVE PRACTICES RELATING TO LAKE POLLUTION IN THE NORTHEAST ...Eutrophication; Federal Government; Legal Review; Legislation - Zoning; Northeast U. S.; State Government; ...2.1806

DISPOSAL OF LIQUID INDUSTRIAL WASTE ...Burning; Dewatering; Metal Processing Wastes; Oil Removal; Petroleum Wastes - Spillage; Sewer Systems; ...3.0094

WASTE DISPOSAL IN RURAL AREAS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rural Areas; Septic Tanks; Waste Disposal on Soils; Water Pollutant Identification; ...3.0098

Connecticut River

OIL SPILL CONTROL FACILITY ...Petroleum Wastes - Spillage; Ships and Cruises; Water Resources Planning; Water Resources Protection; ...2.0083

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ...Aircraft Remote Sensing; Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Infrared Radiation; Mapping; Survey Studies (water); Temperature (water); Thermal Pollution; ...2.0524

ANALYSIS OF FISH TISSUE FOR MERCURY CONTENT ...Analysis and Detection; Atomic Absorption; Contamination - Water; Fish; Massachusetts; Mercury; Water Pollutant Identification; ...2.0617

BEHAVIOR PATTERN OF SHAD IN THE VICINITY OF A HEATED EFFLUENT DURING A NO-HEAT PERIOD ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Electric Power Plants; Tags; Temperature (water); ...2.1515

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Expenditures; Finance -see Economics Entries; Lakes; Massachusetts; Model Studies; Riparian Rights; Water Pollution Abatement; Water Resources Planning; ...2.1843

Conservation -see Soil Conser.

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects, Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0239

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Bed Load; Erosion; Gully Or Channel Erosion; New Mexico; Sediment Yield; Semi - Arid Regions; Streams; ...2.0255

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0367

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Agricultural Runoff; Climates -general; Land Use; Sediment Yield; Small Watersheds; Soil Cover Crops; Thunderstorms; ...2.0387

DEVELOPING BROADLY COHERENT MULTIDISCIPLINARY RESEARCH AND GRADUATE TRAINING PROGRAMS IN ENVIRONMENTAL QUALITY ...Plant Ecology -nonspecific; Soil Tillage; Training Grants, Fellowships; Waste Disposal-see Solid Waste; ...2.1853

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTH MISSISSIPPI ...Benefit-cost Analysis; Economic Impact; Erosion; Land Use; Mississippi; Sediments; Water Resources Planning; Watersheds; ...2.1861

Construction

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Beta Particles; Canals; Dredging; Gamma Spectroscopy; Harbors; Marine Geology; Ocean Meteorological Studies; Radioactivity; Seismology; ...2.0424

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Conflicts; Ecological Effects; Electric Power Plants; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...2.1755

Construction Industry

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance;

Bacterial Pollutant Sources; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

DETERMINATION OF AQUATIC ECOSYSTEM RESPONSE TRENDS RESULTING FROM MAN-IMPOSED ENVIRONMENTAL STRESSES ...Construction Land Use Effects; Ecological Effects; Forecasting - Prediction; Mans Pollutional Activities; ...2.1614

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Aquatic Ecology - Animal; Construction Land Use Effects; Consultants, Advisory Services; Ecological Effects; Environment; Pollution Effects -see Water; Systems Analysis - Water Mgmt; ...2.1615

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF JONES BAY ...Animal Habitat Studies; Bays; Physical Water Properties; Texas; ...2.1726

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Consultants, Advisory Services; Ecological Effects; Fish and Shellfish; Mammals; Mans Pollutional Activities; Wildlife -nonspecific; ...2.1770

Construction Sites

EVALUATION OF ENGINEERING PROJECTS AND ESTUARINE DATA (ESTUARINE PROGRAM) ...Animal Habitat Studies; Fish; Gulf of Mexico; Water Quality Control - general; ...2.0383

PREDICTION OF WATER QUALITY CHANGE IN A STREAM DUE TO HIGHWAY CONSTRUCTION ON THE DRAINAGE BASIN ...Forecasting - Prediction; Highway Sites -see Roads; Precipitation; Soil Moisture; Water Quality -general; ...2.0754

ECONOMICS OF WATER QUALITY CONTROL IN THE UPPER MISSISSIPPI RIVER (MINNESOTA) ...Benefit-cost Analysis; Disposal Wastes; Minnesota; Model Studies; Waste Treatment Economics; Water Purification; Water Resources Planning; ...2.1860

Consultants, Advisory Services

STUDIES FOR A SURVEY OF ENVIRONMENTAL POLLUTION, CONDUCTED BY THE NEW YORK CITY SCIENCE AND TECHNOLOGY ADVISORY COUNCIL ...Air Pollution; Air Pollution -see Specifics; Urban Research -general; Water Pollution - see Specifics; Water Quality -general; ...1.0492

ENGINEERING REVIEW CONSULTATION ...Air Cleaning Devices; Air Pollution; Air Pollution-chemistry; Chemical Analysis -general; Water Quality Control -general; ...1.0543

AIR QUALITY CONTROL SERVICE ...Air Pollution; Air Pollution-chemistry; Chemical Analysis -general; ...1.0613

CONSULTATION AND ADVISORY SERVICES FOR ROCKET-BORNE CRYOGENIC WHOLE AIR SAMPLER ...Air Pollution Sampling; Analytical Instruments; Heat Transmission; Temperature Effects; ...1.0684

FORECAST SUPPORT ...Air Pollution; Applied Climatology; Model Studies; Weather Forecasting; ...1.0760

CONSULT WITH LOCAL, STATE, REGIONAL, AND OTHER FEDERAL AGENCIES ON ANALYTICAL METHODOLOGY AND PROCEDURES ...Air Pollution Analysis; Air Pollution-chemistry; Chemical Analysis -general; ...1.0820

THE ROLE OF SLUDGE WORMS IN PROMOTING EUTROPHICATION ...Animal Productivity; Bays; Eutrophication; Invertebrate Physiology; Lakes; Sewage; Water Bacteria; ...2.0057

NAVY ENVIRONMENT - ENVIRONMENTAL EFFECTS OF DEEP WATER ORDNANCE DISPOSAL ...Atlantic Ocean; Environment; Marine Biology - General; Marine Pollution; Military Aspects; Ocean Dumping; ...2.1585

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Aquatic Ecology - Animal; Construction Industry; Construction Land Use Effects; Ecological Effects; Environment; Pollution Effects -see Water; Systems Analysis - Water Mgmt; ...2.1615

ENVIRONMENTAL EFFECTS OF COASTAL ZONE POWER GENERATION ...Animal Habitat Studies; Energy Conversion; Environmental Ecology; Federal Government; North Carolina; Power Development; ...2.1664

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Construction Industry; Ecological Effects; Fish and Shellfish; Mammals; Mans Pollutional Activities; Wildlife -nonspecific; ...2.1770

AIDS FOR WASTEWATER SYSTEM PERSONNEL SAFETY AND ADVANCEMENT ...Occupational Hazards; Waste Treatment; Water Quality Control -general; ...2.1814

GOVERNMENTAL AND PRIVATE SERVICES ...Air Pollution; Groundwater; Solid Waste Management; Waste Disposal-see Solid Waste; Waste Management -see Specific; Water Quality Control - general; ...2.1871

CONSULTING IN APPLIED MATHEMATICS AND STATISTICS ...Chemical Carcinogenesis; Epidemiology; Mathematical Models; Pesticide Toxicity in Humans; Statistics; ...4.0647

HIGH FREQUENCY ELECTROMAGNETIC HAZARD MEASUREMENTS ...Biological Dosimetry; Dosimeters -see Dosimetry; Electromagnetic Field; Instrumentation; Monkey; Radiation Sources -general; ...5.0800

NUCLEAR SAFETY INFORMATION CENTER ...Air Pollution - see Specifics; General Information Services; Radioactive Hazard; ...5.0940

PERSONNEL TECHNOLOGY - NAS/NRC ADVISORY SERVICES ON OPERATIONAL PROBLEMS OF VISION AND HEARING ...Acoustics; Aviation Medicine; Military Personnel; Pilots; Vibrations, -bioeffects; ...6.0077

IMPROVED WEAPON NOISE EXPOSURE CRITERIA ...Military Personnel; Noise; Occupational Hazards; ...6.0085

Consumer Attitudes- Pesticides

ILLINOIS CONSUMERS' REACTION TO USE OF PEST CONTROL ON AGRICULTURAL PRODUCTS ...Attitudes & Attitude Change; Demography; Home Economics; Illinois; Pesticide Toxicity in Humans; Pesticides -nonspecific; Residues in Foods; ...4.0363

ARIZONA COMMUNITY STUDIES PESTICIDE PROJECT ...DDT; Literature Search; Pesticide Action on Animals; Pesticide Toxicity in Humans; Preventative Measures; ...4.0536

DETERMINE METHODS OF DIFFUSION OF IDEAS AND DO FURTHER DEPTH ANALYSIS OF DIFFUSION PROCESS ...Pesticide Industry; Pesticides -nonspecific; Rural Sociology; Soil Fertility; ...4.0946

USE AND MISUSE OF PESTICIDES ...Pesticide Industry; Pesticides -nonspecific; Rural Areas; Urban Environment; ...4.1029

PESTICIDE RESIDUES IN ENVIRONMENT AND EFFECTS ON MARKETING AGRICULTURAL COMMODITIES ...Agricultural Economics; Demeton; Medicago; Organophosphorous Cpds.; Pesticide Residues; Pesticides -nonspecific; ...4.1071

EXPERT, AD HOC COMMITTEES AS A SOURCE OF TECHNICAL ADVICE - DOCTORAL DISSERTATION RESEARCH ...Committee Support; Pesticide Usage History; Pesticides -nonspecific; Scientists & Engineers; Technology - Social Impact; ...4.1135

Consumptive Use (water)

EVAPOTRANSPIRATION BY SUGAR CANE ...Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp -non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

IMPACT OF CHANGES IN TECHNOLOGY ON WATER USE ...Agricultural Economics; Government -see Federal Gov.; Water Costs; Water Standards & Baselines; ...2.1219

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

Contamination - Soil

EFFECT OF NATURAL GAS ON SOIL ECO-SYSTEMS IN AN URBAN ENVIRONMENT ...Air Pollution -see Specifics; Fuels; Leakage; Soil Analysis; Urban Environment; ...1.0393

SHADE TREE IMPROVEMENT THROUGH BREEDING AND SELECTION ...Air Pollution -see Specifics; Ornamentals; Radioisotopes -nonspecific; Virus Resistance; ...1.0413

DAMAGE FUNCTIONS ...Air Pollution -see Specifics; Air Pollution Effects; ...1.0470

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Animal Wastes - Feed Lots; Fertilizers; Nutrients; Percolation (water); Soil Analysis; Soil Minerals -natural; Water Pollutants - Path of; ...2.0981

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Farm Animal Wastes; Groundwater; Snowmelt Runoff; Soil Microbiology; Urine; Water Pollutants - Path of; ...2.0242

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl. Adsorption); Arsenic; Chemical Properties; Industrial Wastes; Particulates - Air Pollution; Precipitation; Soil Chemical Properties; Water Pollutants - Path of; ...2.0862

PROCESSING PLANT EFFLUENTS FOR IRRIGATION IN COASTAL PLAINS OF NORTHEAST ...Biological Effects; Effluents - Waste Water; Food Processing Wastes; Industrial Wastes; Irrigation; Lye; Plant Waste Removal, Treatment; Soil Chemical Properties; Water Reuse; ...2.1443

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Tillage, Cropping Systems; Waste Water Treatment -general; Water Pollution Effects; ...2.1665

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Mans Pollutional Activities; Plant Growth; Sandy Soils -see Soil Type; Soils; Water Supply -general; ...2.1742

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots; Cynodon; Farm Animal Wastes; Fertilizer Toxicity; Groundwater; Rain; Soil Chemical Properties; Waste Disposal on Soils; ...3.0005

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

SOIL AND WATER MANAGEMENT SYSTEMS FOR DISPOSAL OF DAIRY AND POULTRY WASTES ...Animal Wastes - Feed Lots; Denitrification; Groundwater; Soil Organic Content; Waste Disposal on Soils; ...3.0076

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Bos; Chlorine; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Soil Moisture; Zea Mays - Field Corn; ...3.0097

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types - also See Specifics; Waste Disposal on Soils; ...3.0223

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Animal Wastes - Feed Lots; Denitrification; Lime Treatment; Soil Microbiology; ...3.0237

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Farm Animal Wastes; Groundwater; Playas; Rock - Soil Pollution; Soil Microbiology; Sorghum; Water Pollutants - Path of; ...3.0320

WOOD RESIDUE PRODUCTION AND FEASIBILITY OF CONVERSION TO A SALEABLE PRODUCT ...Economic Feasibility; Forest Environment -general; Forest Industry; Industrial Pollution -general; Soil Microbiology; ...3.0394

HERBICIDE RESIDUES ...Acrolein; D, 2,4-; Fixed Copper; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Xylene; ...4.0018

INSECTICIDE DECONTAMINATION OF COLORADO SOILS BY UTILIZATION OF ANIMAL WASTES ...Chlorinated Hydrocarbons; Insecticides -nonspecific; Microorganisms -nonspecific; Pesticide Persistance in Soils; Pesticide Residues Removal; Soil Microbiology; ...4.0092

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides - see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

RELATIONSHIP OF PESTICIDES IN SOIL, WATER AND PLANTS ...Herbicides -nonspecific; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Microbiology; Water Pollutants - Path of; ...4.0126

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Environment Accumulation Rates; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Residues; Pyrazon; Soil Microbiology; Soil Temp. - non-specific; ...4.0248

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Dalapon; Nitrification; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Pseudomonas; Soil Fungi -nonspecific; Soil Microbiology; ...4.0330

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Dicamba; Herbicides and Other Chem; Pesticide Formulation; Picloram; Plant Succession; ...4.0395

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Bensulide; Environment Accumulation Rates; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Triazines -nonspecific; ...4.0404

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Panicum -other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Tillage; Zea Mays - Field Corn; ...4.0445

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Dicamba; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0509

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Chemical Analysis; D, 2,4-; Environment Accumulation Rates; Pesticide Rates -general; Residues in Foods; ...4.0526

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Environment Accumulation Rates; Herbicides -nonspecific; Herbicides and Other Chem; Pesticide Persistance in Soils; Pesticide Rates -general; Pesticide Residues; Tissue Accumulation Rates; ...4.0527

EVALUATION OF PESTICIDE RESIDUE PROBLEM IN MONTANA ...Chlordan; Domestic Animals; Heptachlor Epoxide; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; ...4.0964

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Ciodrin; DDT; Ericaceae; Gardona; Metabolites From Pesticides; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant Growth Regulators -ns.; ...4.1076

Radioactive Contamination

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

RADIOECOLOGY OF DEBRIS RADIONUCLIDES AT INTERMEDIATE DISTANCES FROM NUCLEAR CRATERING EVENTS ...Contamination - Water; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Tungsten; Wildlife -nonspecific; ...5.0006

ECOLOGICAL STUDIES OF RADIONUCLIDES IN ECOSYSTEMS AT NUCLEAR DETONATION SITES ...Hydrogen; Plant Ecology -nonspecific; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Radioecology - Plants; Transpiration and Evap; ...5.0008

INFLUENCE OF SOIL HEATING ON THE GROWTH AND ELEMENTAL COMPOSITION OF BEAN PLANTS ...High Temp. -

85f Or Above; Mineral Nutrition; Organic Soils -see Soils; Plants; Soil Chemical Properties; ...5.0013

A STUDY OF UNSUPPORTED 210 PO ION EXCHANGE IN SOILS, UPTAKE IN VEGETATION AND COMPARISON WITH DIRECT AERIAL DEPOSITION ...Absorption (incl. Adsorption); Polonium; Radioactive Fallout-cf Fallout; Soil Microbiology; Soil Types -also See Specifics; Translocation; ...5.0024

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Air - Water - Plant Relations; Cesium; Environmental Ecology; Food Contamination; Pollution Effects -see Water; Radiologic Health; Soil Chemical Properties; ...5.0031

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - II. MOVEMENT OF RADIONUCLIDE IONS IN SOILS ...Absorption (incl. Adsorption); Mathematical Models; Radioisotopes; Soil Chemical Properties; Strontium; ...5.0039

DEVELOP METHOD OF REMOVING RADIO-ACTIVE CONTAMINANTS FROM AGRICULTURAL LAND ...Absorption (incl. Adsorption); Pesticides -other; Radioactive Fallout-cf Fallout; Soil Cover Crops; Zea Mays - Field Corn; ...5.0040

DEVELOP TECHNIQUES FOR DECONTAMINATING SOILS POLLUTED WITH RADIOACTIVE MATERIALS OR HEAVY METALS ...Bioindicators; Lead; Mineral Nutrition; Radiation Effects -see Rad.; Soil Chemical Properties; Zea Mays - Field Corn; ...5.0041

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOACTIVE MATERIALS ...Absorption (incl. Adsorption); Ion Transport and Elect. Pot.; Plants; Radiation Effects -see Rad.; Soil Chemical Properties; Soil Tillage; X and Gamma Rays; ...5.0043

PHASE II PLANNING STUDY FOR EVALUATION OF RADIOACTIVE CONTAMINATION OF THE FOOD CHAIN ...Food Contamination; Plant Tissue Analysis -chem.; Radiation Injury Prevention; Radioactive Fallout-cf Fallout; Radioisotopes - nonspecific; Radiologic Health; ...5.0053

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

ENVIRONMENTAL RADIATION STUDIES - EVALUATION OF NUTRIENT AND FISSION PRODUCT DISTRIBUTION AND MOVEMENT IN TERRESTRIAL ENVIRONMENTS ...Ponds; Radioecology - Plants; Radioisotopes -nonspecific; Soil Chemical Properties; ...5.0076

FIXATION REACTIONS ...Radiation Effects - Biological; Radioisotopes -nonspecific; Soil Chemical Properties; ...5.0077

ENVIRONMENTAL EFFECTS ON THE CONTENT OF CS137 IN MILK ...Air Pollution -see Specifics; Deposition-general; Food Contamination; Lakes; Radioactive Fallout; Reservoirs and Impoundments; Strontium; ...5.0081

REMOVING RADIOACTIVE FALLOUT FROM VEGETABLES AND FRUITS DURING PROCESSING ...Cesium; Fragaria; Plants; Solanum; Vegetables; ...5.0105

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Beta Particles; Lactuca; Pisum; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; Triticum; Zea Mays - Field Corn; ...5.0106

FISSION PRODUCT CYCLES IN AN AGRICULTURAL SYSTEM - VALIDATION OF MODEL ...Lycopersicum; Models of Biological Systems; Soil Chemical Properties; Strontium; Vegetables; ...5.0154

BEHAVIOR OF CERTAIN SYNTHETIC CHELATING AGENTS IN BIOLOGICAL AND SOIL SYSTEMS ...Absorption (incl. Adsorption); Chelation & Complexing; Mineral Nutrition; Radiation Effects -see Rad.; Soil Chemical Properties; Translocation; ...5.0161

EQUIPMENT AND METHODS FOR DECONTAMINATION OF AGRICULTURAL LANDS CONTAMINATED BY RADIOACTIVE FALLOUT ...Deep Plowing; Plowing; Seedbed Preparation; Soil Chemical Properties; Soil Depth; Soil Tillage; Waste Disposal on Soils; ...5.0355

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Succession; Radiation Effects -see Rad.; Radioecology - Plants; Soil - Crop Relationships; Soil Environment -other; Translocation; ...5.0422

CHARACTERIZATION OF SOIL & VEGETATION TO SERVE AS A BASIS FOR FUTURE EVALUATIONS OF RADIOACTIVE CONTAMINATION EFFECTS (ABBREV) ...Absorption (incl. Adsorption); Chemical Extraction; Diquat; Paraquat; Radioactive Fallout; Soil Water Plant Relationships; Water Pollutants - Path of; ...5.0570

RADIOACTIVE TRACER STUDIES OF SOIL AND LITTER ARTHROPOD FOOD CHAINS ...Animal Productivity; Arthropods; Energy Budgets; Pesticide in Food Chains; ...5.0816

GROSS ALPHA DETERMINATION IN ENVIRONMENTAL AND BIOLOGICAL SAMPLES ...Alpha Particles; Californium; Feces; Polonium; Radioactive Isotopes; Reduction Reactions; Urine; ...5.0823

RADIOCHEMICAL METHODS AND MEASUREMENTS ...Atomic Plants; Contamination - Water; Radioisotopes -nonspecific; Radiologic Health; Reactor Sites & Rad Waste; Water Pollution Sources; ...5.0908

Soil Contamination -other

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Waste Disposal on Soils; ...3.0217

ENVIRONMENTAL TOXICOLOGY OF PESTICIDES ...Air Pollution; Contamination - Water; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Residues in Foods; ...4.0822

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Urine; ...4.0987

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Bacillus Thuringiensis; Brassica Species; Chemical Analysis; Gas Chromatography; Pesticide Evaluation; Pesticide Residues; Thimet; ...4.1132

Contamination - Water

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Seismology; Strontium; ...1.0025

EFFECTS OF FLUORIDES IN AIR, WATER, AND SOIL ON GROWTH, QUALITY, AND YIELDS OF TREE, FIELD, AND VEGETABLE CROPS ...Air - Water - Plant Relations; Aluminum; Fluorine; Gases; Mineral Nutrition; Soil Water Plant Relationships; Zinc; ...1.0319

ENVIRONMENTAL EFFECTS OF EXPLOSIVE TESTING ...Marine Pollution; Pollution Effects -see Water; Seismology; ...1.0355

THE CHIRONOMIDAE OF CALIFORNIA Animal Life History Studies; Aquatic Ecology - Animal; California; Handbooks; Public Health Ecology; Taxonomy -animal; ...1.0376

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES. I. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE ...Algae - Chlorophyta; Cell Injury and Autolysis; Chemical Mutagenesis; Industrial Wastes; Metabolism of Algacides; Plant Ecology -nonspecific; Radiation Sources - general; X and Gamma Rays; ...2.0027

RADIONUCLIDE METABOLISM IN AQUATIC ANIMALS ...Animal Habitat Studies; Clams; Crayfish; Invertebrate Physiology; Marine Animals; Radiation Effects - Biological; Radioisotopes -nonspecific; Temperature (water); ...2.0036

ALGAE DEGRADATION IN WATERWAYS ...Algae -nonspecific; Algal Pollutant Sources; Environmental Influences; Light; ...2.0043

STUDY OF KEY WEST DESALTING PLANT EFFLUENT ...Alkalinity (water); Desalination Wastes; Florida; Physical Effects; Salinity (water); ...2.0053

RURAL RUNOFF CONTROL ...Adsorption; Nutrients; Pesticides - nonspecific; Soil Chemical Properties; ...2.0111

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Pollution Effects -see Water; Primary Productivity - Plants; Sewage; Water Quality -general; ...2.0119

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; India; Marine Biology - General; Ocean Currents; Radioactivity; Radioecology - Plants; Salinity; Vertebrates Excl. Man; Water Pollution Sources; ...2.0136

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects - see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

RADIOACTIVE CONTAMINATION IN MARINE ENVIRONMENT AND BIOTA IN THE BASIN OF THE MEDITERRANEAN SEA ...Israel; Marine Biology - General; Mediterranean Sea; Radioactivity; ...2.0152

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Atlantic Ocean; Italy; Marine Environments; Plankton; Radioactivity; Radioecology - Plants; Trace Elements; ...2.0154

EFFECT OF NITRATE AND NITRITE IN THE DRINKING WATER ON PERFORMANCE OF MARKET TURKEYS ...Meliagris; Mineralization; Nutrition; Potable Water; Water Supply - general; Water Utilization -animal; ...2.0156

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Ocean Circulation -general; Radioactive Fallout; Radioactivity; ...2.0187

FISH-MERCURY STUDIES IN THE GREAT LAKES ...Chemical Analysis; Fish; Great Lakes -see Specific Lake; Mercury; Organic Water Properties; Pesticide in Food Chains; Waterfowl -nonspecific; ...2.0190

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Animal Productivity; Aquatic Ecology - Animal; Cesium; Copper; Invertebrate Physiology; Phosphorus; Potassium; Temperature (water); Zinc; ...2.0201

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Analysis and Detection; Atomic Absorption; Lead; Mine Hydrology; Missouri; Pollution Effects - see Water; Water Pollution Effects; Zinc; ...2.0226

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Uroan Environment; Waste Water Treatment -general, Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

INVESTIGATION OF THE MERCURY POLLUTION OF LAKE ERIE AND ITS AQUATIC LIFE ...Aquatic Ecology - Animal; Ictalurus Punctatus; Lake Erie; Mercury; Physiological Effects; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...2.0259

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Agnatha; Chemical Water Properties; Control of Nuisance Species; Engineering Structures-general; Flow Characteristics (water); Lake Ontario; Salmonidae; Survey Studies (water); ...2.0260

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects - see Water; Water Pollution Sources; Zinc; ...2.0280

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Estuaries; Fish; Iron; Marine Animals; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

SEDIMENT MINERALOGY ...Adsorption Capacity; Animal Productivity; Environmental Ecology; Marine Biology - General; Mineralogy; Ponds; Vertical Distribution; Zinc; ...2.0284

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Algal Physiology; Estuaries; Eutrophication; Marine Plants; North Carolina; Phosphorus and Phosphorus Cpds; Phytoplankton; Water Pollutant Identification; ...2.0291

PHOSPHATE MINING EFFLUENT IN ESTUARINE ECOLOGY ...Amphibious Plants; Ecological Effects; Estuaries; Mining Industry; Phosphorus and Phosphorus Cpds; Pollution Effects -see Water; Toxic Minerals; ...2.0293

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties Environmental Influences; Mineral Nutrition; Nutrient Studies -animal; Photosynthesis; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines; ...2.0298

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Animal Behavioral Ecology; Atomic Plants; Ecological Effects; Environmental Ecology; Lakes; Population Dynamics - general; Thermal Pollution; ...2.0305

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Bioassays; Environmental Physiology; Fish; Reactor Sites & Rad Waste; Temperature (water); ...2.0306

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects - see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply -general; ...2.0322

RADIONUCLIDE CYCLING IN NATURAL POPULATIONS OF AMPHIBIANS ...Amphibians; Aquatic Ecology - Animal; Iodine; Manganese; Water Cycle; Zinc; ...2.0331

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Data Acquisition; Fish; Marine Pollution; Oregon; Pollution Effects -see Water; Salinity (water); Temperature (water); ...2.0335

A STUDY OF SUSPECTED LEAD POISONING OF SWANS AND GEESE ...Animal Pharmacology; Aquatic Soils; Bird Studies - general; Food Supply; Pathology; Rhode Island; ...2.0355

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

RADIOECOLOGY OF THE KUCUK CEKMECE LAGOON ...Aquatic Ecology - Animal; Biological Effects; Energy Conversion; Lagoons; Radioactive Isotopes; Sediments; Water Poliutants - Path of; ...2.0392

LEAD SHOT, ITS SETTLEMENT, OXIDATION, AND AVAILABILITY TO WATERFOWL ...Aquatic Ecology - Animal; Corrosion, Deterioration; Lead; Ordinance Materials; Swamps - Marshes; Waterfowl -nonspecific; ...2.0397

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of, Water Pollution Sources; Water Quality -general; ...2.0400

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Chlorine; Fish; Literature Search; Rock - Soil Pollution; Soil Chemical Properties; Soil Saline Properties; Virginia; Water Supply Facilities; ...2.0408

REVIEW OF THE SANTA BARBARA CHANNEL OIL POLLUTION INCIDENT ...Biological Effects; Channels; Marine Biology - General; Oil Removal; Petroleum Wastes - Spillage; ...2.0419

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Atomic Plants; Columbia River; Energy Conversion; Fish; Periphyton; Phosphorus and Phosphorus Cpds; Water Pollution Sources; Zinc; ...2.0420

TOLERANCE AND CYTOLOGICAL RESPONSE OF ALGAE TO MINE WATER ...Acidity (water); Algae -nonspecific; Industrial Wastes; Water Pollution Effects; ...2.0430

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Environmental Factors; Heterotrophic Bacteria; Ionic Effect; Sewage; Water Pollution Sources; ...2.0434

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Bioindicators; Chlorine; Mercury; Organic Matter; Pesticides -nonspecific; Population Dynamics -general; Water Pollutant Identification; Zinc; ...2.0466

BIOLOGICAL PROPERTIES OF SEWAGE LAGOONS AT TUSKEGEE, ALABAMA ...Alabama; Cellular Biosynthesis; Microorganisms -nonspecific; Sewage Lagoons; Water Pollutant Identification; Water Pollution Effects; ...2.0468

BEHAVIOR OF STREAM INSECTS ...Animal Behavioral Ecology; Animal Habitat Studies; Animal Migration; Aquatic Ecology - Animal; Drought - Meteorologic; Environment Resistance-animals; Water Pollution Sources; ...2.0529

ST. JOHNS RIVER FISHERY PROJECT ...Animal Habitat Studies; Environmental Ecology; Fish and Shellfish; Mans Pollutional Activities; Pollution Effects -see Water; ...2.0543

ENZYME SYSTEMS OF ESTUARINE ORGANISMS ...Bioassay; Fish; Invertebrate Physiology; Organophosphorous Cpds; Pesticides -see Pesticide; Wildlife Toxicity; ...2.0546

COMMERCIAL OYSTER FISHERY DEVELOPMENT INVESTIGATION ...Agricultural Economics; Captive Rearing; Coliforms -nonspecific; Commercial Fishing; Consumption; Ostreidae (oyster); Shellfish Depuration; ...2.0561

CONTAMINATION OF DRINKING WATER AS A POSSIBLE FACTOR IN RETARDATION OF GROWTH OF SUCKLING CF1/AN1 MICE ...Muridae; Physiological Effects; Water Pollution -see Specifics; Water Utilization -animal; ...2.0574

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Fish; Illinois; Invertebrates - nonspecific; Organic Matter; Pollution Effects -see Water; Sediments; ...2.0576

INTERACTIONS OF MERCURY WITH AQUATIC AND EDAPHIC ENVIRONMENTS ...Analysis and Detection; Environment; Ion Exchange; Mercury; Photosynthesis; Submerged Plants; ...2.0595

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - EFFECTS ON INDICATOR ORGANISMS ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Bottom Sampling; Effluents - Waste Water; Mollusca; Water Pollutant Identification; ...2.0597

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Acidity (water); Aquatic Ecology - Animal; Cyprinodontidae; Mineralogical Water Properties; Temperature (water); Water Pollution Effects; ...2.0613

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Cyprinodontidae; Environmental Physiology; Temperature (water); Toxic Substances; Toxicology; Water Pollution -see Specifics; Water Pollution Effects; ...2.0614

ANALYSIS OF MERCURY CONTENT OF SHELLFISH OFF THE MASSACHUSETTS SEACOAST ...Atomic Absorption; Crustacea; Invertebrate Physiology; Mercury; Mollusca; ...2.0616

ANALYSIS OF FISH TISSUE FOR MERCURY CONTENT ...Analysis and Detection; Atomic Absorption; Connecticut River; Fish; Massachusetts; Mercury; Water Pollutant Identification; ...2.0617

SHELLFISH TECHNICAL ASSISTANCE ...Captive Rearing; Commercial Fishing; Crustacea; Legislation; Marine Animals; Mollusca; ...2.0618

LAKE SUPERIOR PERIPHYTON IN RELATION TO WATER QUALITY ...Animal Interrelationships -gen; Balance of Nature - Plants; Fertilizers; Nutrients; Plankton; ...2.0644

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ...Aquatic Distribution; Bacterial Pollutant Sources; Escherichia Sp; Gulf of Mexico; Mississippi; Ostreidae (oyster); Pollution Effects -see Water; ...2.0652

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ...Annelida; Benthic Fauna; Environmental Ecology; Missouri; Physical Water Properties; Taxonomy -animal; Water Quality -general; ...2.0659

HEAVY METAL RESIDUES IN CHANNEL CATFISH FROM SELECTED WATERSHEDS IN NEBRASKA ...Aquatic Ecology - Animal; Lead; Nebraska; Watersheds; ...2.0664

POPULATION STUDIES OF MARINE AMPHIPOD CRUSTACEANS ...Amphipoda; Aquatic Ecology - Animal; Estuaries; Marine Animals; Vertical Distribution; ...2.0669

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ...Acidity (water); Aquatic Soils; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; New Jersey; Plant Distribution; Temperature (water); ...2.0674

ENTEROVIRUSES IN DEPURATED HARD CLAMS, 'MERCENARIA MERCENARIA' ...Antibiotics -nonspecific; Bacteria - nonspecific; Bacterial Population Surveys; Clams; Long Island Sound; Shellfish Depuration; Viruses - Animal; ...2.0696

ECOLOGY OF YEASTS IN LAKE CHAMPLAIN ...Acidity (water); Bioindicators; New York; Plant Freshwater Ecology; Temperature (water); Water Pollutant Identification; ...2.0700

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

BIOLOGICAL MONITORING. ...Animal Habitat Studies; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Water Pollutant Identification; ...2.0711

INFLUENCE OF SUSPENDED MICROSCOPIC SUBSTANCES ON THE METABOLISM OF MICROORGANISMS RESPONSIBLE FOR BIOLOGICAL ENRICHMENT OF WATER ...Adsorption Capacity; Ecological Effects; Microorganisms -nonspecific; Pesticides -nonspecific; Sediments; Water Pollutants - Path of; ...2.0723

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Chemical Water Properties; Environmental Influences; Physical Water Properties; Sediments; Water Pollutants - Path of; ...2.0724

CLADOPHORA AS RELATED TO POLLUTION IN WESTERN LAKE ERIE ...Algae - Chlorophyta; Algal Pollutant Sources; Lower Plants; Mulches; Product Development Research; ...2.0726

FLORISTIC AND FAUNISTIC SURVEY IN THE CUYAHOGA RIVER WATERSHED ...Algae -nonspecific; Aquatic Ecology - Animal; Fish; Ohio; Plant Freshwater Ecology; River Basins; ...2.0732

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Bacterial Pollutant Sources; Benthic Flora; Chemical Water Properties; Marine Bacteria; Marine Environments; Marine Plants; Plant Population Dynamics -gen; Water Analysis; ...2.0767

THE INSECT ORDER PLECOPTERA AS A BIOLOGICAL INDEX OF FRESH WATER QUALITY ...Acidity (water); Aquatic Ecology - Animal; Fresh Water; Organic Water Properties; Rhode Island; Temperature (water); Water Pollutant Identification; ...2.0771

COLLECTION AND ESTABLISHMENT IN CULTURE OF SPECIES AND STRAINS OF MARINE PHYTOPLANKTON ORGANISMS ...Bioindicators; Culture Collections -microorg., Marine Plants; Marine Pollution; Phytoplankton; ...2.0775

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling; Chlorine; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics -general; Rural Areas; Size; ...2.0776

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Chemical Water Properties, Growth; Periphyton; Physiological Effects; Plant Habitat Studies; Sewage; Water Pollutant Identification; Water Pollution Sources; ...2.0778

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Aquatic Ecology - Animal; Ecological Effects; Fish; Pollution Effects -see Water; Reactor Sites & Rad Waste; Survey Studies (water), Thermal Pollution; ...2.0800

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

A PRE-IMPOUNDMENT ECOLOGICAL STUDY OF THE BOTTOM FAUNA AND WATER QUALITY IN THE NORTH ANNA RIVER ...Atomic Plants; Chemical Analysis (water); Environmental Ecology; Management (water); Thermal Pollution; Water Standards & Baselines; ...2.0834

DEVELOPMENT OF AN IN SITU MARINE BIOASSAY WITH CLAMS ...Bioassays; Captive Rearing; Invertebrate Physiology; Monitoring; ...2.0839

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Animal Life History Studies; Bays; Engineering Structures-general; Estuaries; Fish and Shellfish, Physiological Effects; Water Quality -general; ...2.0846

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; Sewage; ...2.0848

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algae -nonspecific; Algal Physiology; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Plant Physiological Ecology; Plant Species Diversity; Seasonal Distribution; Wisconsin; ...2.0853

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water), Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand, Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Biological Water Properties; Effluents - Waste Water; Management (water); Physical Water Properties; Reservoirs and Impoundments; Water Pollutants - Path of; Water Quality Control -general; ...2.1008

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage, Aquatic Ecology - Animal; Chemical Water Properties; Ictalurus Punctatus; Lakes; Lime Treatment; Neutralization; Population Dynamics -general; Stocking of Fish & Shellfish; ...2.1027

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Aquifers; Cultural Control, Eutrophication; Landfill; Nutrients; Sanitary Landfills; Waste Disposal-see Solid Waste; ...2.1047

NEUTRALIZATION EXPERIMENTS ...Acidity (water); Aquatic Ecology - Animal; Fish; Lime Treatment; New Jersey; Recreation, Water Resources; ...2.1060

MICROBIAL DEGRADATION OF HYDROCARBONS ...Bacterial Studies -general; North Carolina; Petroleum -see Oil; Water Bacteria; ...2.1070

LIMESTONE DRUM PRODUCTIVITY STUDY -- POPULATION STUDY ...Acidity (water); Chemical Measurements (water); Environmental Ecology; Limestone-general; Population Dynamics - general; Spawn Or Nesting Sites; Stocking of Fish & Shellfish; ...2.1131

BIOLOGICAL ASPECTS OF TERTIARY PONDS ...Effluents - Waste Water; Phytoplankton; Pond; Protozoa; Sewage; Sewage Bacteria; Tertiary Treatment; ...2.1250

DIATOM REMOVAL BY FLOCCULATION ...Algal Pollutant Sources; Flocculation; Oxidation; Pollutant Removal; Temperature (water); ...2.1251

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Aquatic Ecology - Animal; Chemical Measurements (water); Chlorination; Effluents - Waste Water; Physical Water Properties; Pollution Effects -see Water; Protozoa; Temperature (water); ...2.1262

WINERY WASTEWATER - CHARACTERIZATION AND TREATMENT ...Acidity (water); Activated Sludge; Anaerobic Bacteria; Food Processing Industries; Sewer Systems; Waste Treatment; ...2.1348

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Amaranthaceae; Effluent-standards; Eutrophication; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Physiography -general; Pontederiaceae; Sewage; ...2.1467

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes, Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

POSSIBLE EFFECTS OF CRUDE OIL ON AQUATIC ORGANISMS ...Alaska; Environmental Physiology; Marine Animals; Petroleum Wastes - Spillage; Pollution Effects -see Water; ...2.1477

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ...Aquaria; Industrial Wastes; Mining Industry; Physiological Effects; Salinity (water); Temperature; Turbidity; Water Pollution Effects; ...2.1487

NAVY ENVIRONMENT - AVOIDANCE AND CONTROL OF THE EFFECTS ON MEN & MARINE LIFE OF TOXIC RED TIDES INITIATED BY LOCAL POLLUTION OF THE SEA ...Algae -nonspecific; Algal Physiology, Algal Toxins; Environmental Influences; Marine Plants; Water Pollution -see Specifics; Water Pollution Sources; ...2.1493

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Amphibious Plants; Biological Effects; Cirripedia; Marine Animals; Marine Environments; Petroleum -see Oil; Plant Habitat Studies; ...2.1502

ECOLOGY OF COLORADO MOLLUSKS ...Chemical Measurements (water); Colorado; Environmental Ecology; Invertebrate Physiology; Mollusca; Range Or Territorial Distr.; ...2.1504

EFFECTS OF CHEMICAL VARIATIONS IN AQUATIC ENVIRONMENTS ...Aluminum; Chemical Analysis (water); Colorado River; Data Acquisition; Lead; Oil Shale; Salinity (water); ...2.1512

EFFECTS OF SODIUM NITRATE AND WATER CONTAMINANTS ON TURKEY PERFORMANCE ...Animal Pharmacology; Environmental Physiology; Melliagra; Nutrition; Physiological Effects; Pollution Effects -see Water; Water Utilization -animal; ...2.1513

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Environmental Ecology; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Pesticides -nonspecific; Spawn Or Nesting Sites; Temperature (water); ...2.1516

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ...Acidity (water); Captive Rearing; Environmental Influences; Fish Food Organisms; Mollusca; Pesticide Toxicity to Microorg; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; ...2.1517

EFFECTS OF SIMULTANEOUS VARIATIONS OF DIEL CHANGES OF TEMPERATURE, DISSOLVED OXYGEN, SALINITY & A POLLUTANT ON THE GROWTH OF WHITE PERCH ...Environmental Physiology; Physiological Effects; Salinity (water); Temperature (water); ...2.1520

ENVIRONMENTAL CONTROL SYSTEM FOR OYSTER FARMING ...Chemical Measurements (water); Circulation (water); Delaware; Nutrient Studies -animal; Salinity (water); Spawning & Nesting Sites; Temperature (water); ...2.1521

SYNERGISTIC EFFECTS OF SUB-LETHAL POLLUTION ON THE DEVELOPMENT OF SELECTED WARM-TEMPERATE AND SUB-TROPICAL FISHES AND CRUSTACEANS ...Captive Rearing; Fish; Salinity (water); Temperature (water); ...2.1524

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology o Animal; Benthic Fauna; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

THE BIOLOGY OF THE INFAUNA OF A TROPICAL SOFT BOTTOM AREA ...Annelids; Bays; Echinodermata; Estuaries; Marine Environments; Tropical Regions; ...2.1530

THE BIOLOGY OF TROPICAL BOTTOM INVERTEBRATES ...Cirripedia; Echinodermata; Environmental Ecology; Marine Pollution; Tropical Regions; ...2.1531

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Induced Temperature; Marine Plants; Population Dynamics -general; Thermal Pollution; ...2.1532

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal; Chemical Water Properties; Estuaries; Georgia; Invertebrates -nonspecific; Physical Water Properties; Pulp and Paper Wastes; Turbidity (water); ...2.1537

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; S... Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Pre-impoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Chemical Water Properties; Ecological Effects; Environmental Influences; India; Lower Plants; Organic Water Properties; Physiological Effects; ...2.1549

THE EFFECT OF INORGANIC SEDIMENT ON STREAM BIOTA ...Animal Productivity; Invertebrates -nonspecific; Pollution Effects -see Water; Sediments; ...2.1554

DETERMINE THE EFFECT OF ORGANIC WATER POLLUTION AS IT EXISTS IN THE AREA OF DES MOINES, IOWA, ON GROWTH OF THE TURTLE CHRYSEMYS PICTA ...Environmental Ecology; Environmental Physiology; Iowa; Organic Water Properties; Reptiles; ...2.1555

EFFECTS OF POLLUTION, ESPECIALLY FROM FEEDLOTS, ON FISHES IN THE UPPER NEOSHO RIVER BASIN ...Animal Habitat Studies; Aquatic Ecology - Animal; Fish; Kansas; Pollution Effects -see Water; River Basins; ...2.1557

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - FISH DISTRIBUTION ...Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Industrial Wastes; Vertical Distribution; ...2.1559

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Captive Rearing; Effluents - Waste Water; Fish; Physiological Effects; Tennessee River; ...2.1560

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - BENTHOS DISTRIBUTION ...Benthic Organisms -nonspecific; Bottom Sampling; Ecological Effects; Effluents - Waste Water; Industrial Wastes; Tennessee River; Vertical Distribution; ...2.1562

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - CHEMICAL CONCENTRATION IN FISH ...Bioassays; Effluents - Waste Water; Fish; Industrial Wastes; Physiological Effects; ...2.1564

DETERMINATION OF THE EFFECTS OF OIL IMMERSION ON SWAMP RABBITS ...Bands; Environmental Ecology; Nets; Petroleum -see Oil; Rabbits; Temperature - Air; ...2.1565

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D 2,4-; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Environmental Geology; Estuaries; Hydrography; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Chlorine; Data Acquisition; Effluent-standards; Fish; Population Dynamics -general; Species Diversity Measurement; Water Properties -general; ...2.1577

BIOGEOCHEMISTRY OF ESTUARINE ECOSYSTEM WITH EMPHASIS ON HEAVY METALS AND SHELLFISH ...Chemical Analysis (water); Geochemical Analysis (water); Organic Matter; Physiological Effects; ...2.1578

EFFECTS OF SURFACTANTS IN WATER ON BLACKBIRD METABOLISM ...Analysis and Detection; Passeriformes; Surfactants -see Detergents; Temperature - Air; ...2.1579

INTERACTION BETWEEN MARINE ORGANISMS AND OIL POLLUTION ...Animal Migration; Environmental Geology; Marine Biology - General; Petroleum -see Oil; ...2.1584

LONG-TERM EFFECTS OF PESTICIDES ON AQUATIC INVERTEBRATES ...Amphipoda; Endrin; Parathion; Pesticides -see Pesticide; Sevin; ...2.1588

TOXIC ACTION OF WATER SOLUBLE POLLUTANTS ON FRESHWATER FISH ...Aquatic Ecology - Animal; Fresh Water; Nitrogen and Nitrogen Cpds.; Physiological Effects; Pollution Effects -see Water; Salmo Gairdneri; ...2.1591

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Iodine; Mn-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

MONITOR FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ON LAKE MICHIGAN ...Aquatic Ecology - Animal; Fish; Michigan; Physical Effects; ...2.1597

CHRONIC EFFECTS OF HEAVY METALS ON FISH ...Animal Pharmacology; Lepomis Macrochirus; Percidae; Pollution Effects -see Water; Radioisotopes -nonspecific; Zinc; ...2.1597

POLLUTION AND THE ECOLOGY OF NEAR-SHORE PERIPHYTON OF LAKE SUPERIOR ...Cellular Physiology- Env. Eff.; Environmental Influences; Eutrophication; Nutrients; ...2.1599

EFFECT OF PAPER FIBER WASTES ON FISH EGGS AND JUVENILES ...Fish; Industrial Wastes; Invertebrates -nonspecific; Physiological Effects; Pulp and Paper Wastes; Sphaerotilus; ...2.1605

EFFECT OF WATER POLLUTANTS AND WATER QUALITY ON EARLY LIFE HISTORY AND POPULATION DYNAMICS OF MINNESOTA FISHES ...Animal Life History Studies; Fish Food Organisms; Minnesota; Pollution Effects -see Water; Pulp and Paper Wastes; Temperature (water); ...2.1606

HEMATOLOGY OF FISH ...Aquatic Ecology - Animal; Fish; Mississippi; ...2.1607

A SURVEY OF THE VERTEBRATES OF THE PEARL RIVER RESERVOIR ...Aquatic Ecology - Animal; Literature Search; Mississippi; Population Dynamics -general; Reservoirs and Impoundments; Vertebrates -nonspecific; ...2.1609

THE EFFECT OF SALINITY ON THE OXIDATION OF HYDROCARBONS IN ESTUARINE ENVIRONMENTS ...Biodegradation-see Degradation; Cellular Physiology- Env. Eff.; Estuaries; Oil Removal; Petroleum Wastes - Spillage; Salinity (water); Size; ...2.1611

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Ecological Effects; Environment Resistance-animals; Heat Recovery, Industrial; Photosynthesis; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Benthic Fauna; Environmental Ecology; Gastropoda; Mollusca; Physical Water Properties; Taxonomy -animal; Water Pollution Sources; ...2.1623

POLLUTED WATERS ...Animal Habitat Studies; Aquatic Ecology - Animal; Fish; Missouri; Water Pollution Effects; Water Quality - general; ...2.1624

POLLUTION INVESTIGATIONS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Environmental Physiology; Fish; Law Enforcement; Water Pollution Sources; ...2.1625

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Fish; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; Zinc; ...2.1628

PLUMBISM IN MIGRATORY WATERFOWL FROM FOOD CHAIN ACCUMULATION OF LEAD ...Absorption (incl. Adsorption); Animal Migration; Bird Studies -general; Lead; Waterfowl -nonspecific; ...2.1631

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Fish; Industrial Wastes; Marine Animals; Mineralogical Water Properties; Physiological Effects; Zooplankton; ...2.1640

EVALUATION OF WATERFOWL MORTALITY FACTORS (EXCEPT HUNTING) ...Pathology; Pesticides -nonspecific; Petroleum -see Oil; Waterfowl -nonspecific; ...2.1645

PHYSIOLOGICAL ADAPTATION OF TWO SPECIES OF FISHES, FUNDULUS HETEROCLITUS AND SALMO GAIRDNERI, TO ALTERED WATER QUALITY PARAMETERS ...Environmental Physiology; Optical Properties of Water; Salinity (water); Salmo Gairdneri; Vertebrate Anatomy; ...2.1647

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTUARINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Energy Budgets; Estuaries; Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water); Channels; Ecological Effects; Organic Matter; Plant Freshwater Ecology; Primary Productivity - Plants; Sewage Treatment Plant; Thermal Pollution; ...2.1658

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

TOXICITY OF SELECTED METALS TO CONDITIONED FISH ...Animal Behavioral Ecology; Behavior -vertebrate; Environmental Ecology; Fish; Pesticide Action on Animals; Pollution Effects - see Water; ...2.1669

SUBLETHAL INFLUENCE OF POLLUTANTS ON FISH METABOLISM ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Fresh Water; Population Dynamics - general; ...2.1673

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS ...Animal Predation; Aquatic Ecology - Animal; Energy Budgets; Industrial Wastes; Petroleum Industry; Population Dynamics - general; Water Pollutant Identification; ...2.1674

EFFECTS OF CHEMICALLY AND BIOLOGICALLY MODIFIED PULPING EFFLUENTS ON THE PRODUCTION OF FISH ...Animal Productivity; Effluents - Waste Water; Fish and Shellfish; Irrigation; Pollution Effects -see Water; Tides; Water Purification; ...2.1676

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Chemical Analysis -general; Dispersion (water); Effluents - Waste Water; Industrial Wastes; Marine Photography- Television; Oregon; Pulp and Paper Wastes; Sea Water Sampling; Surveying; ...2.1678

LITERATURE RESEARCH ON WATER QUALITY REQUIREMENTS AND TOXICOLOGY OF FISHES ...Fish; Marine Animals; Russia; Water Quality -general; ...2.1679

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

EFFECTS OF PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Animal Productivity; Biological Effects; Fish and Shellfish; Oregon; Population Dynamics -general; ...2.1685

EFFECTS OF KRAFT PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Effluents - Waste Water; Fish and Shellfish; Fish Food Organisms; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; ...2.1687

CYTOPATHOLOGY IN FISH EXPOSED TO STREAM POLLUTANTS ...Acid Mine Drainage; Ecological Effects; Fish Hatcheries; Physiological Effects; Salvelinus; ...2.1690

FISH AND FOOD ORGANISMS IN MINE ACID WATERS OF PENNSYLVANIA ...Acid Mine Drainage; Alkalinity (water); Behavior -vertebrate; Chemical Effects; Fish; Physiological Effects; ...2.1691

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Clams; Environment Resistance-animals; Hippolyte; Marine Animals; Marine Pollution; Temperature (water); ...2.1694

HEALTH EFFECTS OF TOXIC CHEMICALS WITHIN THE WATER ENVIRONMENT ...Animal Toxins; Clams; Eastern U. S.; Lead; Marine Environments; Pollution Effects -see Water; ...2.1697

EFFECTS OF CRUDE OILS AND THEIR EMULSIONS ON MARINE ORGANISMS ...Animal Pharmacology; Fish; Oil; Ships and Cruises; ...2.1699

PHARMACOLOGY OF METAL POISONING IN ESTUARINE FISHES ...Animal Pharmacology; Environmental Physiology; Mineralogical Water Properties; Pollution Effects -see Water; ...2.1700

COMPARATIVE TOXICITIES OF METALS TO ESTUARINE FISHES ...Aluminum; Bioassays; Cyprinodontidae; Environmental Physiology; Industrial Wastes; Marine Animals; Toxic Substances; ...2.1701

EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON ...Algal Physiology; Bioassays; Cellular Physiology- Env. Eff.; Estuaries; Petroleum Wastes - Spillage; Phytoplankton; Zooplankton; ...2.1703

HISTOPATHOLOGIC EFFECTS OF POLLUTANTS ON CELLS AND TISSUES OF MARINE FISHES ...Cyprinodontidae; Lead; Marine Animals; Mineralogical Water Properties; Physiological Effects; ...2.1704

SYNERGISTIC INTERACTIONS OF ENVIRONMENTAL FLUCTUATIONS AND SUBLETHAL CONCENTRATIONS OF POLLUTANTS IN THE FIDDLER CRAB, UCA PUGILATOR ...Crabs; Invertebrate Physiology; ...2.1709

EVALUATION OF FACTORS AFFECTING SPAWNING OF DALE HOLLOW WHITE BASS ...Aquatic Ecology - Animal; Environmental Physiology; Mining Industry; Pollution Effects -see Water; Spawn Or Nesting Sites; Temperature (water); ...2.1714

EFFECTS OF WATER POLLUTION ON ZOOPLANKTON ...Cladocera; Copepoda; Insecticides -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Water Pollution Sources; ...2.1717

COAL STRIP MINE WATERSHED STUDY ...Alabama; Coal; Data Acquisition; Engineering Structures-general; Pollution Effects -see Water; Soil Tillage; Strip Mines; Water Quality -general; Watersheds; ...2.1719

AGING AND IMMUNE COMPETENCE-EFFECT OF ENVIRONMENT ON IMMUNE COMPETENCE ...Air Pollution -see Specifics; Environmental Physiology; Immunology; Muridae; Pseudomonas; Salmonella -nonspecific & -sp.; ...2.1722

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

THERMAL STUDY IN WILKES RESERVOIR ...Aquatic Ecology - Animal; Electric Power Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1728

HEAVY METALS AND LOCOMOTION IN FISH ...Behavior -vertebrate; Data Processing Services; Fish; Mineralogical Water Properties; Zinc; ...2.1730

EFFECTS OF SELECTED POLLUTANTS ON CERTAIN GAME AND ROUGH FISH ...Environmental Physiology; Industrial Wastes; Pollution Effects -see Water; Water Quality Control - general; ...2.1732

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

STUDY OF EFFECTS OF MILL WASTE WATER ON FISH LIFE ...Fish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; ...2.1735

EFFECTS OF TOXICANTS UPON FISH MOVEMENT PATTERNS ...Effluents - Waste Water; Industrial Wastes; Pilot Plants; Water Pollutant Identification; ...2.1744

TOXICANTS AND THE EKG AND RESPIRATION OF FISH ...Environmental Physiology; Fish; Industrial Wastes; Physiological Effects; Water Pollutant Identification; ...2.1745

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Catostomidae; Effluents - Waste Water; Manganese; Mining Industry; Pollution Effects -see Water; Sediments; Toxic Minerals; Water Purification; ...2.1746

BIOLOGY OF ANADROMOUS ALOSIDS ...Aging; Embryology - basic; Fish & Shellfish Biology; Marine Animals; Spawn Or Nesting Sites; Virginia; ...2.1748

EFFECTS OF POLLUTANTS ON SUBMARINE PLANT SYNECOLOGY ...Aquatic Plants -nonspecific; Industrial Wastes; Mineralogical Water Properties; Plant Succession; ...2.1749

METABOLIC ROLE OF INORGANIC ELEMENTS IN SALMONIDS - 15 - EFFECT OF TOXIC LEVELS OF COPPER OR ENZYME ACTIVITIES ...Adenosine Triphosphate; Mineralogical Water Properties; Nutrition; Salmonidae; Stress Effects; ...2.1750

ENERGY-DEPENDENT ION MOVEMENTS AND ACCUMULATION IN MEMBRANES OF SALMONID TISSUES ...Adenosine Triphosphate; Salinity (water); Salmonidae; ...2.1751

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ...Animal Productivity; Clams; Electric Power Plants; Environment Resistance-animals; Fish and Shellfish; Heat Recovery, Industrial; Ostreidae (oyster); Temperature (water); ...2.1762

EFFECT OF ENVIRONMENTAL POLLUTION ON FISH DISEASES - EFFECT OF HEAT STRESS ON DISEASE RESISTANCE MECHANISMS IN SALMONID FISHES ...Animal Migration; Oncorhynchus; Pathology; Salmo Gairdneri; Temperature (water); ...2.1764

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Acid Mine Drainage; Aquatic Ecology - Animal; Bullheads; Environment Resistance-animals; Environmental Physiology; Fish Food Supply -other; Management (water); Pollution Effects -see Water; Water Resources Planning; ...2.1771

PHYSIOLOGICAL EFFECTS OF SUBLETHAL LEVELS OF ACID WATER ON FISH ...Acidity (water); Bullheads; Fish & Shellfish Biology; Physiological Effects; Water Pollution Abatement; ...2.1773

ECOLOGICAL RESPONSES OF FISHES AND FISH-FOOD ORGANISMS TO HEATED EFFLUENT - CASE STUDY OF LAKE MONONA, WISCONSIN ...Animal Predation; Electric Power Plants; Environmental Ecology; Lepisosteidae; Temperature (water); Thermal Pollution; ...2.1780

THE AQUATIC ENVIRONMENT AND ELECTRICAL POWER GENERATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Great Lakes -see Specific Lake; Reactor Sites & Rad Waste; Temperature (water); ...2.1781

PHYSIOLOGICAL RESPONSES TO THERMAL POLLUTION ...Cyprinus Carpio; Energy Conversion; Environmental Physiology; Physiological Effects; Temperature (water); Thermal Pollution; Urine; ...2.1782

PHYSIOLOGICAL AND BIOCHEMICAL TECHNIQUES TO ASSESS THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF CHEMICAL WATER POLLUTION ON FISH ...Environmental Physiology; Fish; Mercury; Physiological Effects; Pollution Effects -see Water; Water Pollutant Identification; ...2.1783

PHYSIOLOGICAL EFFECTS OF THERMAL POLLUTION ON TROUT ...Environmental Physiology; Physiological Effects; Salmonidae; Temperature (water); Thermal Pollution; ...2.1784

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Marine Animals; Marine Biology - General; Marine Environments, Marine Geology; Marine Pollution; Oil; Pacific Ocean; Sea Water Mass & Ocean Fronts; Ships and Cruises; ...2.1794

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots; Contamination - Soil; Cynodon; Farm Animal Wastes; Fertilizer Toxicity; Groundwater; Rain; Soil Chemical Properties; Waste Disposal on Soils; ...3.0005

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

EFFECT OF MUNICIPAL SEWAGE PLANT EFFLUENT UPON AQUATIC SNAIL POPULATIONS ...Aquatic Ecology - Animal; Chlorine; Ecological Effects; Lake Champlain; Mercury; Pollution Effects -see Water; Sewage; ...3.0053

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Boi; Chlorine; Contamination - Soil; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Soil Moisture; Zea Mays - Field Corn; ...3.0097

POULTRY MANURE DISPOSAL BY FLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bog; Drainage; Effluents - Waste Water; Lysimeters; Rural Areas; Sewage; Soil Aeration; Soil pH; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

HERBICIDE RESIDUES ...Acrolein; Contamination - Soil; D, 2,4-; Fixed Copper; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Xylene; ...4.0018

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

PESTICIDE KINETICS ...Bottom Sampling; Degradation; Environment Accumulation Rates; Marine Biology - General; Pesticide Residues; Pesticides -see Pesticide; Tidewater Areas; Water Standards & Baselines; ...4.0024

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

PRESTICIDE INPUTS AND LEVELS IN MINNESOTA WATERS OF THE LAKE SUPERIOR BASIN ...Aquatic Ecology - Animal; Lake Superior; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0043

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds; Chemical Analysis; Ecological Effects; Environmental Ecology; Fish; Lakes; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

RESPONSE OF PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Amino Triazole; Dalapon; Environment Accumulation Rates; Pesticide Evaluation; Pesticide Residues; Riparian Plants; TCA; ...4.0393

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Aquatic Plants -nonspecific; Carbon; Endrin; Environmental Physiology; Fish; Pesticide Action on Animals; Soil Types -also See Specifics; ...4.0532

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Estuaries Laboratory Animals; Pesticide Interaction With Env; Pesticides - nonspecific; Physiological Effects; Water Quality -general; ...4.0544

CHOLINESTERASE ACTIVITY AND BLOOD ENZYME CHANGE STUDIES ...Air Pollution -see Specifics; Fish; Mercury; Pesticide Action on Animals; Pheasant; ...4.0568

LABORATORY BIOASSAYS ...Bioassay; Fish; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pesticides -nonspecific; ...4.0595

RELATIONSHIPS BETWEEN SUB-LETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ...Behavior - vertebrate; Cyprinodontidae; DDT -see Pesticides; Fish; Laboratory Animals; Pesticide Evaluation; Pesticides -nonspecific; Psychology; ...4.0598

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Estuaries; Laboratory Animals; Parathion; Physiological Effects; Spawn Or Nesting Sites; ...4.0653

FIELD STUDIES OF PESTICIDE EFFECTS ON FISHES ...Animal Productivity; Bioassay; Environmental Physiology; Methoxychlor; Pesticide Action on Animals; Physiological Effects; ...4.0662

THE UPTAKE OF INSECTICIDES BY FRESHWATER MUSSELS AND THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF INSECTICIDES ON THESE MUSSELS ...Fresh Water; Insecticides -nonspecific; Invertebrate Physiology; Mollusca; Pesticide Action on Animals; Pesticide Formulation; ...4.0676

EFFECTS OF DISSOLVED OXYGEN, TEMPERATURE AND POTENTIAL TOXICANTS UPON MACROINVERTEBRATES (NON-ARTHROPODS) ...Animal Productivity; Aquatic Ecology - Animal; Clams; Gastropoda; Invertebrate Physiology; Temperature (water); ...4.0680

A TISSUE ENZYME ASSAY FOR CHLORINATED HYDROCARBON INSECTICIDES ...Animal; Bioassays; Cyclodiene Cpds. - nonspecific; Lepomis Macrochirus; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0681

INTERACTIONS BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Crayfish; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0705

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Animal Productivity; Carbon; DDT; Fish; Pesticide Action on Animals; Pesticide in Food Chains; ...4.0715

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; Pesticides -nonspecific; Plant Freshwater Ecology; Temperature (water); Water Quality -general; ...4.0716

TOXICITY OF POLYCHLOROBIPHENYL (PCB) COMPOUNDS TO FRESHWATER INVERTEBRATES ...Bioassay; Circulation (water); Invertebrates -nonspecific; Pesticide Toxicity in Animals; Temperature (water); ...4.0735

RESPIRATION RATES OF FISH-FOOD INVERTEBRATES EXPOSED TO PESTICIDES ...Carbamates -nonspecific; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticides -see Pesticide; ...4.0738

MULTIPLE EXPOSURES OF ABATE TO BLUEGILL, LEPOMIS MACROCHIRUS, AND INVERTEBRATES IN WARM-WATER PONDS ...Abate; Invertebrates -nonspecific; Pesticide Action on Animals; Temperature (water); ...4.0741

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

ENVIRONMENTAL TOXICOLOGY OF PESTICIDES ...Air Pollution; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Residues in Foods; ...4.0822

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Dursban; Environmental Geology; Fish; Laborstory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

CORRELATION OF STRUCTURE VS. ACTIVITY OF POLLUTANTS OF FRESH WATER ...Analysis and Detection; Carbamates -see Pesticides; Fresh Water; Invertebrate Physiology; Pesticide Action on Animals; Water Pollutant Identification; ...4.0839

EFFECT OF ENVIRONMENTAL POLLUTION ON FISH DISEASES - ORGANOCHLORINE PESTICIDES AND DISEASE RESISTANCE MECHANISMS OF RAINBOW TROUT ...Chlordan; DDT; Pathology; Salmo Gairdneri; Thiodan; ...4.0901

CHRONIC TOXICITY OF INSECTICIDES TO COLD-WATER FISH ...Animal Resistance; Fish; Insecticides -nonspecific; Pesticide Action on Animals; Temperature (water); ...4.0919

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PESTICIDE MANUFACTURING WASTES ...Bibliography; Canada; Literature Search; Pesticide Industry; Pesticides; Pesticides -see Pesticide; ...4.0986

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination -other; Urine; ...4.0987

CHEMICAL ANALYSES ...Chemical Analysis (water); Estuaries; Invertebrate Physiology; Metabolism of Algacides; Pesticide in Food Chains; Pollution Effects -see Water; ...4.1018

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

MONITORING OF PESTICIDE LEVELS IN THE GREAT LAKES ...Aquatic Ecology - Animal; Fish; Great Lakes -see Specific Lake; Lakes; Pesticide Residue Analysis; Pollution Effects -see Water; ...4.1045

RADIOECOLOGY OF DEBRIS RADIONUCLIDES AT INTERMEDIATE DISTANCES FROM NUCLEAR CRATERING EVENTS ...Plants; Radiation Effects -see Rad.; Radioactive Contamination; Radioactive Fallout-cf Fallout; Tungsten; Wildlife - nonspecific; ...5.0006

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Cesium; Cyprinidae; Energy Budgets; Plant Ecology -nonspecific; Radioactive Fallout; Reactor Sites & Rad Waste; Strontium; ...5.0038

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Burial; Cooperative Studies; Ecological Effects; Estuaries; Marine Biology - General; Marine Environments; Radioactive Fallout; Water Pollution Sources; ...5.0039

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Developmental Biology -general; Japan; Marine Biology - General; Radioactivity; Radioisotopes -nonspecific; Water Pollution Sources; ...5.0331

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Caesium; Cobalt; Europium; Lichens; Radiation Resistance -animals; Radiologic Health; Ruthenium; Stibium; Zirconium; ...5.0742

COLUMBIA RIVER STUDIES, 1970-1971 ...Atomic Plants; Columbia River; Energy Conversion; Ionizing Radiation -see Rad.; Ostreidae (oyster); Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...5.0762

RADIOCHEMICAL METHODS AND MEASUREMENTS ...Atomic Plants; Radioactive Contamination; Radioisotopes -nonspecific; Radiologic Health; Reactor Sites & Rad Waste; Water Pollution Sources; ...5.0908

Contamination -see Air & Water

AEROBIOLOGICAL SURVEY IN THE NORTHERN ROCKY MOUNTAINS AND PLAINS ...Air Pollution -see Specifics; Biological Organisms; Montana; Pollens -see Air Pollution; Seasonal Distribution; Vertical Distribution; ...1.0070

STRUCTURE AND FUNCTION IN TRANSPORTING EPITHELIA ...Cell Membrane Permeability; Water Movement, Osmosis; ...1.0200

RED CELL DEFENSE MECHANISMS AGAINST AIR POLLUTION ...Air Pollution -see Specifics; Carbon Monoxide; Cell Injury and Autolysis; Cellular Metabolism - Controls; Gases; Respiratory Irritants, Inhaled; ...1.0228

ENVIRONMENTAL POLLUTION TOXICOLOGY OF AIR FORCE MATERIALS ...Air Pollution; Degradation; Environment; Propellants; ...1.0411

PROTECTION OF HIGHWAY AND MOTORWAY HEDGES FROM DEICING SALTS AND THE PLANTING OF SALT RESISTANT SPECIES OF PLANTS ...Plant Growth; Pollutant Resistance; ...2.0117

NUCLEAR PHYSICS PROGRAM ...Mercury; Nuclear Structure; ...2.0196

CARCINOGENS IN THE ENVIRONMENT ...Animal Wastes - Feed Lots; Capra; Developmental Physiology; Drainage; Environmental Carcinogenesis; Experimental Teratology; Feces; ...2.0399

ECOLOGY OF ANIMALS IN DDT-CONTAMINATED ENVIRONMENTS ...DDT; Degradation; Pesticide Safety Measures; Population Dynamics -general; Wildlife -nonspecific; Wildlife Toxicity; ...4.0652

THE CYCLING OF CL-36 LABELED DDT IN NATURAL ECOSYSTEMS ...Chlorine; DDT; Pesticide Residues; Radioisotopes; Tissue Accumulation Rates; ...4.0974

PESTICIDE STRESS EFFECTS ON EXPERIMENTAL ECOSYSTEMS ...Arthropods; Mammals -nonspecific; Pesticide in Food Chains; Pesticide Toxicity -general; Pesticides -nonspecific; Petroleum Industry; Pollution Effects -see Water; ...4.0975

CENTER FOR ENVIRONMENTAL MANAGEMENT ...Administration and Management; Building Design; Environmental Effects - Human; Environmental Hazards; Management (water); Pesticide Toxicity -general; Planning; ...4.0980

UPTAKE OF MERCURY BY PLANTS AND ITS DISTRIBUTION IN LIVING ORGANISMS IN AN ENVIRONMENT WITH INCREASED CONCENTRATION OF THIS ELEMENT ...Absorption (incl. Adsorption); Mercury; Translocation; ...4.0998

ESTIMATING THE GENETIC HAZARDS OF ENVIRONMENTAL AGENTS ...Cell Injury and Autolysis; Environmental Carcinogenesis; Plants; Radiation Carcinogenesis; Vicia; ...5.0179

MECHANISM OF DIVALENT ION ABSORPTION ...Arsenic; Cobalt; Gallus Domesticus; Iron; Mercury; Whole Body; Zinc; ...5.0256

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

Radioactive Pollution -ns

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

ECOLOGICAL STUDIES OF RADIONUCLIDES IN ECOSYSTEMS AT NUCLEAR DETONATION SITES ...Hydrogen; Plant Ecology -nonspecific; Pollution Effects -see Water; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioecology - Plants; Transpiration and Evap; ...5.0008

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Cesium; Environmental Ecology; Invertebrate Physiology; Plant Ecology -nonspecific; Plant Freshwater Ecology; Productivity of Freshwater; Ruthenium; ...5.0069

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americium; Atomic Plants; Environment; Krypton; Mammals - nonspecific; River Basins; Water Pollutants - Path of; ...5.0073

SYSTEMS ECOLOGY ...Animal Predation; Computer Methods - general; Energy Budgets; Environmental Ecology; Plant Ecology - nonspecific; Plant Productivity -general; Reactor Sites & Rad Waste; Systems Analysis; ...5.0074

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

ULTRA-HIGH DOSE RATE RADIOBIOLOGY ...Animal Productivity; Hydrogen; Muridae; Pollution Effects -see Water; Radioecology - Plants; ...5.0181

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general; Plants; Productivity of Freshwater; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

RECOVERY OF A PINE FOREST FOLLOWING EXPOSURE TO IONIZING RADIATION ...Beta Particles; Dominant Organisms; Pinus Taeda; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0543

ANIMAL METABOLISM OF FISSION PRODUCTS AND RELATED NUCLIDES ...Beta Particles; Calcium; Ovis; Radioactive Fallout-cf Fallout; Rumen Bacteria; Sus; Yttrium; ...5.0611

RADIOTOXICITY OF FISSION PRODUCT ELEMENTS ...Beta Particles; Injury -animal; Radiation Effects; Vertebrates Excl. Man; Yttrium; Zinc; ...5.0612

RADIATION EFFECTS ON MATURE CHICKENS ...Cobalt; Gallus Domesticus; Neutron -see Radiation; Radiation, Lethal Dose; Vertebrates Excl. Man; X and Gamma Rays; ...5.0680

PRECIPITATION, AIR TEMPERATURES, SOIL MOISTURE, & GAMMA RADIATION, IN 68 MOJAVE & GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, 1962-70 (ABBREV) ...Air Pollution Sampling; Nevada; Population Dynamics -general; Precipitation Amount; Soil Moisture; Temperature; ...5.0787

Control Theory

Dynamic Control System

WATER QUALITY MODELING AND PREDICTION ...Economic Theory; Filters-filtration; Forecasting - Prediction; Model Studies; Prediction Models; Water Pollutants - Path of; ...2.0594

Information Control Theory

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Economic Theory; Hydrographs; Mathematical Analysis; Prediction; Rural Areas; Storm Sewer Quantity; Urban Research -general; ...2.0619

PROCESS CONTROL MODEL FOR OXYGEN REGENERATION OF POLLUTED RIVERS ...Aeration (water); Benefit-cost Analysis; Mathematical Analysis; Model Studies; Systems Analysis - Water Mgmt; ...2.1335

Optimization Problems

Optimal Control

PROCESS CONTROL MODEL FOR OXYGEN REGENERATION OF POLLUTED RIVERS ...Aeration (water); Benefit-cost Analysis; Information Control Theory; Mathematical Analysis; Model Studies; Systems Analysis - Water Mgmt; ...2.1335

Sensitivity Problems

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

INTERRELATIONSHIP OF METEOROLOGICAL FACTORS AND THERMAL PLUMES ...Correlation; Forecasting - Prediction; Meteorological Studies; Random Variables; Thermal Pollution; ...2.0804

Cooling Towers

METEOROLOGICAL CONSEQUENCES OF THERMAL POLLUTION ...Atomic Plants; Energy Conversion; Lake Michigan; Solar Radiation -sunshine; Temperature; ...1.0344

COOLING TOWER STUDY ...Energy Conversion; Fog, Haze, Mist; Legislation - Zoning; Oxidation; Thermal Pollution; Weather Modification; ...2.1002

INDUSTRIAL COMPLEX OF AL KHARDJ ...Demineralization; Flash Evaporation; Ion Exchange; Waste Management -see Specific; ...2.1230

TREATMENT OF SELECTED INTERNAL KRAFT MILL WASTES IN COOLING TOWERS ...Biochemical Oxygen Demand; Industrial Wastes; Pilot Plants; Pulp and Paper Wastes; Waste Treatment Economics; ...2.1238

Cooperative Studies

THE EFFECTS OF ENVIRONMENTAL POLLUTANTS IN GERMFREE RODENTS ...Air Pollution -see Specifics; Environmental Physiology; Muridae; Ohio; ...1.0204

A PROGRAM IN ENVIRONMENTAL PHYSIOLOGY AND TOXICOLOGY ...Air Pollution -see Specifics; Carbon Monoxide; Environmental Effects - Human; Respiratory Irritants, Inhaled; Toxicology; ...1.0208

URBAN CHRONIC DISEASE EPIDEMIOLOGICAL STUDY PROGRAM ...Air Pollution -see Specifics; Environmental Effects -

Human; Occupational Hazards; Social Aspects; Urban Environment; ...1.0234

SALINE WATER RESOURCES OF INDIANA ...Groundwater; Indiana; Recovery - Production; Saline Water Intrusion; Water Pollutants - Path of; ...2.0138

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN NEW HAMPSHIRE ...Mans Pollutional Activities; Permeability; Soil Permeability; Water Pollutants - Path of; ...2.0184

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Biological Effects; Estuaries; Invertebrates -nonspecific; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Size; Texture; ...2.0210

MODIFICATION OF CHRONIC MANGANESE POISONING ...Chile; Miners; Toxicology; ...2.0276

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects -see Water; Water Pollution Sources; Zinc; ...2.0290

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Estuaries; Gases; Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

SEDIMENT MINERALOGY ...Adsorption Capacity; Animal Productivity; Contamination - Water; Environmental Ecology; Marine Biology - General; Mineralogy; Ponds; Vertical Distribution; Zinc; ...2.0284

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Animal Behavioral Ecology; Atomic Plants; Contamination - Water; Ecological Effects; Environmental Ecology; Lakes; Population Dynamics -general; Thermal Pollution; ...2.0305

WESTERN BEAUFORT SEA ECOLOGICAL CRUISE (WEBSEC 9-70) ...Alaska; Bays; Ecological Effects; Marine Biology - General; Oil; Sea Water Chemistry; Ships and Cruises; Water Standards & Baselines; ...2.0537

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Estuaries; Geology -general; River Basins; Soil Tillage; Water Depth; Water Levels; Water Table; Wind; ...2.0558

WATER RESOURCES OF THE BOWLING GREEN AREA, KENTUCKY ...Aquifers; Floods; Groundwater Movement; Land Use; Water Resources Planning; Water Supply -general; ...2.0602

SEDIMENTOLOGY OF LOUISIANA'S ESTUARIES ...Aquatic Soils; Chemical Properties; Drilling and Coring; Louisiana; Nitrogen and Nitrogen Cpds.; Sedimentation; Size; ...2.0604

TIME-OF-TRAVEL - PRINCIPAL MARYLAND STREAMS ...Dyes; Maryland; Water Pollutants - Path of; ...2.0611

SPECIAL TEMPERATURE SURVEY OF RIVER AND ESTUARINE AREAS IN RELATION TO THERMAL POLLUTION AND FISHERY PROBLEMS ...Energy Conversion; Estuaries; Infrared Radiation; Temperature (water); Thermal Pollution; ...2.0673

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research - general; ...2.0811

A UNIFIED APPROACH TO WATER, FOOD AND POWER IN A COASTAL DESERT COMMUNITY ...Arid and Desert Regions; Auto Exhaust -see Air Poll.; Desalination; Electric Power Plants; Humidity; Mexico; Temperature - Air; ...2.1157

UNDERGROUND DISPOSAL OF LIQUID WASTES IN BRACKISH WATER FORMATIONS, MARYLAND ...Artificial Recharge; Chemical Water Properties; Government -see Federal Gov.; Maryland; Soil Tillage; Waste Disposal, Underground; Water Resources Planning; ...2.1286

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Fish and Shellfish; Forest Debris; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Creel Census; Environment; Fish; Lakes; Performance; Power Reservoirs; Temperature (water); Temperature - Air; User Patterns; ...2.1620

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology - Animal; Embryology -basic; Environmental Physiology; Fish Food Supply -other; Micropterus Salmoides; Temperature (water); Water Pollution Effects; Water Quality -general; ...2.1649

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Currents (water); Engineering Structures-general; Mapping; Shoreline Geomorphology; Structural Mechanics; Surveying; Utah; Waves -see Ocean Waves; ...2.1738

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

COLLABORATIVE PROGRAMS WITH GOVERNMENT AND PRIVATE AGENCIES FOR SOLUTION OF ENVIRONMENTAL PROBLEMS ...Air Pollution; Government -see Federal Gov.; Organizational Research; Water Quality -general; ...2.1852

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation; Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Canada Goose; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Burial; Ecological Effects; Estuaries; Marine Biology - General; Marine Environments; Radioactive Fallout; Water Pollution Sources; ...5.0059

SR-90 METABOLIC BALANCE STUDIES ...Digestive System - Human; Radiation Injury Prevention; Strontium; Urine; ...5.0494

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

NAVY RADIOLOGICAL CONTROL TEAM ...Accident; Military Personnel; Nuclear Warfare; Occupational Hazards; Radiation Injury Prevention; ...5.0854

Core Analysis

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Chemical Composition; Energy Conversion; Glaciology; Ion Exchange; Particulates - Air Pollution; Technology - Social Impact; ...1.0073

AREAL DISTRIBUTION AND PROVENANCE OF SEDIMENTS IN ST. GEORGE RIVER, KNOX COUNTY, MAINE ...Drilling and Coring; Estuaries; Maine; Mineral Analysis; Sediment Provenance Studies; Sediments; Size; ...2.0168

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

ACID MINE DRAINAGE - PILOT PLANT EVALUATION ...Acid Mine Drainage; Aeration (water); Microorganisms -nonspecific; Model Studies; ...2.0345

CONTROL OF PRODUCTIVITY AND POPULATION CHARACTERISTICS IN AQUATIC COMMUNITIES ...Animal Productivity; Invertebrate Physiology; Lakes; Rehabilitation -streams -lakes; Sedimentation; ...2.0436

RELATION OF PHOSPHORUS IN LAKE BOTTOM DEPOSITS AND POLLUTIONAL HISTORY OF MINNESOTA LAKES ...Environmental Geology; Lakes; Nutrients; Phosphorus and Phosphorus Cpds; ...2.0645

DIATOMS IN LAKES AND LAKE SEDIMENTS AS AN INDEX TO ENVIRONMENT ...Aquatic Soils; Lake Deposits; Literature Search; Paleontology; Pollens -see Air Pollution; Water Standards & Baselines; ...2.0647

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling; Chlorine; Industrial Wastes; Nematoda; Population Dynamics - general; Rural Areas; Size; ...2.0776

INVESTIGATION OF PERMEABILITY OF FINE GRAINED GLACIAL SEDIMENTS IN RELATION TO WASTE DISPOSAL IN ILLINOIS ...Aquifers; Drainage; Illinois; Land Use; Permeability; Till; Water Quality Control -general; ...2.1006

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Contamination; Groundwater Movement; Landfill; Sanitary Landfills; Waste Disposal on Soils; ...2.1007

CONSERVATION OF FRESH-WATER RESOURCES BY DEEP-WELL DISPOSAL OF LIQUID WASTES ...Burial; Engineering Geology; Geophysical Analysis; Mathematical Models; Porosity; Subsurface; ...2.1148

COMPATIBILITY OF SUBSURFACE RESERVOIRS WITH INJECTED LIQUID WASTES ...Chemical Analysis (water); Economic Efficiency; Industrial Wastes; Porosity; Sediment Lithification; ...2.1149

PILOT SCALE INVESTIGATIONS OF WELL RECHARGE USING CORED SAMPLES ...Aquifers; Cambrian Period; Effluents - Waste Water; Injection Wells; Sandstones; Sewage; Waste Water Treatment -general; ...2.1254

IMPROVED EXTRACTION SYSTEM - WATER CONTROL - CONTROL TECHNIQUES, FIELD TESTING AND EVALUATION ...Acid Mine Drainage; Analytical Instruments; Coal; Data Acquisition; Geology -general; Mine Atmosphere Conditions; Soil Tillage; ...2.1402

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Fish and Shellfish; Lumbering -general; Pulp and Paper Wastes; Sedimentation; Temperature (water); Water Pollution Effects; ...2.1496

AN ENVIRONMENTAL SURVEY OF THE DAMARISCOTTA RIVER ESTUARY, LINCOLN COUNTY, MAINE ...Bottom Sampling; Estuaries; Maine; Salinity (water); Sewage; ...2.1570

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

SUPPORT OF TWO RESEARCH VESSELS ...Biological Water Properties; Great Lakes -see Specific Lake; Physical Water Properties; Research Facilities; Thermal Pollution; ...2.1851

Corrosion, Deterioration

SWINE HOUSING ENVIRONMENT ...Air Pollution -see Specifics; Farm Structures & Design; Humidity; Sun; Wind -see Air Motion; ...1.0055

EFFECT OF AIR POLLUTANTS ON TEXTILE FABRICS ...Air Pollution Effects; Air Pollution-chemistry; Effects; Fibers; Home Economics; Humidity - Water Vapor; Temperature; ...1.0313

THE EFFECTS OF ATMOSPHERIC CONTAMINANTS ON THE DURABILITY OF BUILDING MATERIALS ...Air Pollution; Coatings -see Materials; Coulometry; Inspection and Control; Plastics; ...1.0339

EFFECTS OF OZONE ON SELECTED MATERIALS ...Air Pollution-chemistry; Automotive Application; Coatings -see Materials; Controlled Atmosphere; Elastomers; Plastics; ...1.0386

EFFECTS OF PARTICULATES ON SOILING OF BUILDING MATERIALS ...Air Pollution-chemistry; Alabama; Construction Materials; New York; Particulates - Air Pollution; ...1.0387

CONTROLLED ENVIRONMENT STUDIES ON METAL CORROSION CAUSED BY AIR POLLUTION ...Air Pollution Effects; Coatings -see Materials; Gases; Nitrogen and Nitrogen Cpds.; X-ray Spectroscopy; ...1.0405

EFFECT OF DIESEL FUMES ON CONCRETE ...Air Pollution; Automotive Application; Ceramics; Engines; Materials -properties; Structural Mechanics; ...1.0425

STATE OF THE ART SURVEY (EFFECTS AND ECONOMICS) FOR METALS AND ALLOYS ...Air Pollution Effects; Urban Research -general; ...1.0438

DEVELOPMENT OF A PACKAGE OF ECONOMICALLY IMPORTANT MATERIALS TO MONITOR THE DAMAGING EFFECTS OF AIR POLLUTION ...Air Pollution Effects; Air Pollution Monitoring; Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0440

REVIEW AND PREPARATION OF CRITERIA DOCUMENTS FOR NO, F, ODORS (INCLUDING H2S) HCL, CL2 (GAS) ...Chlorine; Fluorine; Gases; Nitrogen and Nitrogen Cpds.; Noise - see Noise; ...1.0526

HETEOGENEOUS REACTIONS IN AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Zinc; ...1.0861

THE KINETICS OF GAS-SOLID SURFACE REACTIONS AT ELEVATED TEMPERATURES ...Mechanism Determination; Rate of Reaction; Temperature Effects; ...1.0911

LEAD SHOT, ITS SETTLEMENT, OXIDATION, AND AVAILABILITY TO WATERFOWL ...Aquatic Ecology - Animal; Contamination - Water; Lead; Ordinance Materials; Swamps - Marshes; Waterfowl -nonspecific; ...2.0397

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algicides -nonspecific; Biological; Coatings -see Materials; Construction Materials; Engineering Structures-general; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Plastics; Water Distribution Systems; ...2.0977

CORROSION AND ENCRUSTATION MECHANISMS IN WATER SUPPLIES ...Demineralization; Mineralization; Oxidation; Thermodynamics; Water Wells; ...2.0991

DETERGENT DISPERSANT CHARACTERISTICS OF PETROLEUM FUELS ...Additives; Detergents -see Surfactants; Filtration; Lubricants and Fluids; Petroleum Research; ...2.1033

NAVY ENVIRONMENT CONTROL OF ENVIRONMENTAL FACTORS AFFECTING NAVAL PERSONNEL AND MATERIALS ...Marine Fouling; Marine Materials; Marine Plants; ...2.1489

MICROBIOLOGICAL INVESTIGATIONS ...Algal Pollutant Sources; Construction Materials; Fungal Pollutant Sources; Microorganisms -nonspecific; Taxonomy -plant; Water Pollution Sources; ...2.1511

DESIGN OF A WATER DISPOSABLE PACKAGING CONTAINER ...Ceramics; Coatings -see Materials; Fluid Mechanics; Materials -properties; Packaging Materials; ...3.0309

SCRAP AND RECYCLE RESEARCH ...Automotive Application; Electrical; Electronic Mtl.; Mechanism Determination; Oxidation; Photography; ...3.0382

SYNTHETIC FILLER FOR USE IN HIGHWAY CONSTRUCTION ...Ceramics; Lubricants and Fluids; Materials -properties; Pavement; Recoverable Materials; ...3.0393

CORROSION OF EXHAUST SILENCERS IN SERVICE ...Automobile & Components; Automotive Application; Characteristics; Coatings -see Materials; Control Devices; Noise; ...6.0048

Cosmic Rays

CONTUNUOUS MEASUREMENTS OF AIRBORNE AND PRECIPITATION RADIOACTIVITY AND METEOROLOGICAL APPLICATION ...Atmospheric Dynamics; Fallout -see Radioactive; Nuclear Detonations; Radioactive Fallout; Scintillation Counting; Spectrographic Techniques; Tracers; Troposphere; ...1.0044

RADIOACTIVE FALLOUT RATES AND MECHANISMS ...Chlorine; Fluorine; Radioactive Isotopes; ...1.0160

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Environmental Hazards; Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

RADIATION INJURY ASSOCIATED WITH HIGH ALTITUDE FLIGHTS AND SPACE OPERATIONS ...Altitude; Beta Particles; Injury and Shock; Mammals -nonspecific; Protons; Radiation Effects - Biological; Radiologic Health; X and Gamma Rays; ...5.0079

EFFECTS OF PRENATAL AND EARLY POSTNATAL IRRADIATION ...Aviation Medicine; Developmental Physiology; Mutation; Radiation Effects - Biological; Radiation, Whole Body; ...5.0071

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Aircraft; Altitude; Radiation Injury Prevention; ...5.0043

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Aerosols; Balloons; Electrical Phenomena; Gamma Radiation; Mineral Processing Industry; Radiation -terrestrial; Radioactivity; Uranium; ...5.0079

NUCLEONIC TRANSPORT STUDIES ...Cosmic Radiation; Dosimetry; Radiation Injury Prevention; Radiation Penetration; Radiation Shielding; Radiologic Health; Upper Atmospheric Chemistry; ...5.0080

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Dose Rate, Dose Fractionation; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies -general; Water Pollution Sources; ...5.0081

CONCORDE RADIATION WARNING DEVICE TESTS ...Aerospace Studies; Altitude; Aviation Medicine; Radiation Injury Prevention; Warning Systems; ...5.0913

Costa Rica

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Energy Conversion; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radiation Sensitivity - man; Radioactive Fallout-of Fallout; Tropical Regions; ...5.0218

Costs -see Economics Entries

CALIFORNIA ASSEMBLY - STEAM BUS ...Buses -see Transportation, Engine; Engines; External Combustion Engines; Noise; Spark Ignition; ...1.0417

ECONOMIC IMPACT OF REDUCED VISIBILITY AT AIRPORTS FROM AIR POLLUTION ...Air Pollution Effects; Economic Geology -general; Visibility; Weather Data; ...1.0456

ECONOMIC EVALUATION OF ALTERNATIVE POLICIES FOR AIR RESOURCE MANAGEMENT ...Air Pollution -see Specifics; Government -see Federal Gov.; Mathematical Models; Urban Research -general; ...1.0443

AN EVALUATION OF FREE TRANSIT SERVICE ...Consumption; Economic Studies -general; Land Use; Massachusetts; Social Aspects; Traffic Engineering; Transportation; Transportation Management; Urban Research -general; ...1.0446

OPTIMIZATION STUDIES IN INDUSTRIAL POLLUTION CONTROL ...Air Cleaning Devices; Air Pollution-chemistry; Industrial Wastes; Waste Material Recovery; Waste Treatment; ...1.0447

AN EMISSION AND CONTROL COST STUDY OF THE REACTIVE METALS INDUSTRY ...Air Pollution; Air Pollution-chemistry; Chemical Industry; Economic Geology -general; Industry, Management; ...1.0450

DEVELOPMENT OF SULFUR OXIDE CONTROL COSTS FOR COMBUSTION SOURCES ...Combustion; Desulfurization; Sulfur Dioxide Removal; ...1.0451

REGIONAL CONTROL COST STUDY IN BUFFALO ...Cost-benefit Analysis; Gases; Particulates - Air Pollution; Urban Research -general; ...1.0452

REGIONAL CONTROL COST STUDY IN PHILADELPHIA ...Gases; Particulates - Air Pollution; Pennsylvania; Urban Research -general; ...1.0453

AN EMISSION AND CONTROL COST STUDY OF THE FEED AND GRAIN INDUSTRY ...Agricultural Studies -general; Air Pollution -see Specifics; Dust; Feed Processing Industries; ...1.0462

EMISSION AND CONTROL COST STUDY OF THE CEMENT INDUSTRY ...Air Pollution-chemistry; Ceramics; Industrial Wastes; Mineral Processing Industry; Particulates - Air Pollution; Waste Material Recovery; ...1.0464

TECHNICAL SUPPORT FOR THE THIRD & FOURTH COMPREHENSIVE COSTS REPORTS TO CONGRESS ...Air Pollution, Economic Geology -general; ...1.0465

ENGINEERING AND ECONOMIC STUDY OF PRIMARY ALUMINUM SMELTING INDUSTRY ...Air Pollution; Casting of Materials; Gases; Iron & Steel Industry; Particulates - Air Pollution; ...1.0466

GROSS DAMAGE ESTIMATES ...Air Pollution Effects; Data Reduction and Analysis; Economic Geology -general; ...1.0471

ESTIMATE LEVEL AND COST OF AIR POLLUTION ...Air Pollution; Air Pollution -see Specifics; ...1.0473

SULFATION KINETICS IN SO2 ABSORPTION FROM FLUE GAS ...Absorption - Chemistry; Air Pollution-chemistry; Furnaces; Sulfur Dioxide Removal; ...1.0836

EVALUATION OF EMISSION CONTROL SYSTEMS FOR EXISTING VEHICLE ...Air Cleaning Devices; Engine; Engines; Legal Studies; ...1.0979

ODOR CONTROL RESEARCH - COMPLETE KINETICS STUDY AND INITIATE SCRUBBER DEVELOPMENT ...Industrial Wastes; Mass Transfer; Odor; Pilot Plants; Rate of Reaction; Scrubbers; ...1.0698

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Chemical Regeneration; Combustion; Nitrogen and Nitrogen Cpds.; Reduction Reactions; Thermal Regeneration; ...1.0633

OPTIMAL RECREATIONAL DEVELOPMENT IN URBAN RIVERINE AREAS ...Industrial Wastes; Optimization, Economic; Reservoirs and Impoundments; Sewage and Investment; Urban Environment; Urban Research -general; ...2.0346

BRACKISH WATER PURIFICATION BY BIOLOGICAL FUEL CELL POWERED ELECTRODIALYSIS ...Brackish Water; Desalination; Effluents - Waste Water; Electrodialysis; Microorganisms -nonspecific; Salt Water; Water Costs; ...2.0917

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algicides -nonspecific; Biological; Coatings -see Materials; Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Plastics; Water Distribution Systems; ...2.0977

COMPARATIVE ANALYSIS OF ADVANCED WATEWATER TREATMENT PROCESSES ...Process Design; Waste Water Treatment -general; ...2.1182

THE IMPACT OF MUNICIPAL SEWERAGE CHARGES ...Economic Impact; Industrial Wastes; Price & Value -see Economics; Public Utilities; Sewage; Waste Treatment Economics; ...2.1194

DEVELOPMENT AND DEMONSTRATION OF MATERIALS TO REDUCE OR ELIMINATE WATER INFILTRATION INTO SEWERAGE ...Groundwater Movement; Infiltration; Materials - properties; Sanitary Sewage Quantity; Waste Dilution- Self Purifying; ...2.1433

TREATMENT OF OIL WASTES ...Oil; Petroleum Research; Polymerization; Ships and Cruises; ...2.1434

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Desalination; Electrodialysis; Irrigation; Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1984

ENVIRONMENT AND TECHNOLOGY ASSESSMENT ...Aquatic Soils; Government -see Federal Gov.; Social Aspects; Thermal Pollution; Water Pollution -see Specifics; ...2.1812

NETWORK EVALUATION OF WASTEWATER COLLECTION ECONOMICS ...Benefit-cost Analysis; Cost-benefit Analysis; Demography; Public Utilities; Pumps; Social Aspects; Urban Research -general; ...2.1930

ECONOMIC EVALUATION OF THE EFFECT OF SELECTED CROP PRACTICES ON NON-AGRICULTURAL USES OF WATER ...Agricultural Studies -general; Mathematical Models; Optimization, Economic; Sediments; Water Costs; Water Quality - general; ...2.1828

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Consumption; Economic Projections- /orecast; Forecasting - Prediction; Statistics; Water Costs; Water Resources Planning; Water Transfer; ...2.1874

A SOCIO-ENVIRONMENTAL STUDY OF A RIVER VALLEY ...Mammals -nonspecific; Ohio; River Basins; Social Aspects; Towns; ...2.1894

PUBLIC INVESTMENT CRITERIA FOR WATER-ORIENTED RECREATION IN THE LAKE ERIE BASIN ...Benefit-cost Analysis; Finance -see Economics Entries; Lake Erie; User Expenditures; Water Quality -general; Water Standards & Baselines; ...2.1896

ECONOMIC EFFECTS OF SUBSIDIES FOR POLLUTION ABATEMENT ...Cost-benefit Analysis; Effluents - Waste Water; Expenditures; Fiscal Analysis -general; Government -see Federal Gov.; Water Pollution Abatement; Water Standards & Baselines; ...2.1914

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Erosion; Gramineae -other; Leguminosae; Mine Wastes; Soil Chemical Properties; Soil Fertility; Soil Moisture; Water Pollution Sources; ...3.0039

ECONOMICS OF GRADE A DAIRYING ...Agricultural Economics; Bos; Dairy Industry; Farm Animal Wastes; Optimization - Feasibility; ...3.0057

LABOR EFFICIENCY AS AFFECTED BY DAIRY HOUSING FACILITIES ...Agricultural Economics; Dairy Industry; Farm Animal Wastes; Farm Structures & Design; Labor Input; ...3.0187

IMPROVE METHODS, EQUIPMENT & FACILITIES FOR HANDLING WASTE MATERIAL FROM LIVESTOCK MARKETS & FEEDLOT ...Agricultural Runoff; Farm Animal Wastes; Lagoon; Taste & Odor of Water; Water Costs; ...3.0203

SYSTEMS FOR ALLEVIATING ODORS FROM POULTRY WASTES ...Aeration (water); Carbon; Farm Animal Wastes; Feces; Poultry -nonspecific; ...3.0235

POULTRY MANURE DISPOSAL AND ASSOCIATED ODOR CONTROL ...Disposal; Farm Animal Wastes; Feces; Poultry -nonspecific; Waste Type; ...3.0241

ENGINEERING SYNTHESIS OF EFFICIENT, ECONOMICAL DAIRY PRODUCTION SYSTEMS ...Bos; Farm Animal Wastes; Farm Structures & Design; Literature Search; Mathematical Models; ...3.0268

CATTLE FEEDLOT PEN DESIGN ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sludge; Water Quality Control -general; ...3.0273

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Hydrogenation; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Soil Amendments; Waste Disposal on Soils; ...3.0281

PIPE TRANSPORT OF SOLID WASTE ...Biological Treatment-general; Pipelines; Pipes; Sewage - Domestic; Transportation; Urban Research -general; ...3.0291

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues, Drying; Food Processing Industries; Freeze Drying; Pilot Plants; Precipitation; Waste Drying; Waste Treatment Economics; ...3.0305

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Food Processing Industries; Industrial Wastes; Plant Waste Removal, Treatment; South Carolina; Waste Disposal on Soils; Waste Water Treatment -general; ...3.0311

INFLUENCE OF ENVIRONMENT ON PERFORMANCE OF HENS ...Environmental Physiology; Farm Animal Wastes; Farm Structures & Design; Gallus Domesticus; Space Requirements; ...3.0317

IMPROVED MARKETING PRACTICES AND MARKETS FOR LUMBER AND OTHER MANUFACTURED PRODUCTS OF EASTERN HARDWOODS ...Agricultural Economics; Consumption; Manufacturing; Mulches; Processing; Supply; Tsuga; ...3.0344

APPRAISAL OF ADJUSTMENTS IN WISCONSIN AND OTHER LAKE STATES DAIRY FARMING ...Agricultural Economics; Bos; Farm Animal Wastes; Farm Structures & Design; Optimization - Feasibility; Supply; Wisconsin; ...3.0349

NEW AND IMPROVED PRODUCTS FROM WESTERN SOFTWOODS ...Lumbering -general; Materials, Composite; Picea; Pinus Ponderosa; Pseudotsuga; Southwest U. S.; ...3.0363

ENHANCED CELLULASE PRODUCTION BY MUTATION ...Biodegradation-see Degradation; Catalysts; Industrial Wastes; Mutagenesis -nonspecific; Plant Waste Removal, Treatment; Product Development Research; Rate of Reaction; ...3.0381

TECHNICAL AND ECONOMIC EVALUATION OF PROCESSES TO MANUFACTURE USEFUL PRODUCTS FROM LIMESTONE MODIFIED FLYASH ...Combustion; Sulfur Dioxide Removal; ...3.0406

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor, Chenopodiaceae, Dalapon; Herbicides -nonspecific; Panicum - other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; D, 2,4-; Diuron; Pesticide Application Rates; Pesticide Formulation; Pesticide Safety Measures; Simazine; Terbacil; Vitaceae; ...4.0415

CONTROL OF ARTHROPOD PESTS OF COTTON ...Animal Resistance; Gossypium; Pesticide Action on Plants; Pesticide Persistance in Soils; Pesticides Compatibility; Toxephene; ...4.0425

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Chlorinated Hydrocarbons; Gallus Domesticus; Pesticide in Food Chains; Pesticide Residues Removal; Solanum; ...4.0440

AN INVESTIGATION INTO THE RELOCATION OF A PORTION OF THE WHEAT SUPPLY FOR NATIONAL SECURITY CONSIDERATIONS ...Agricultural Economics; Management; Marketing; Political Processes & Systems; Regional Economics; ...5.0071

IMPACTS AND ALLEVIATION OF TRANSPORTATION NOISE ...Noise; Noise Abatement; Social Aspects; Urban Research - general; ...6.0022

Cost-benefit Analysis

ECONOMICS OF ENVIRONMENTAL EFFECTS ON SEASONAL HOMES ...Access; Environmental Effects - Human; Landscaping Methods - Recreation; Recreation; Water Resources; Water Pollution -see Specifics; ...1.0441

MEASURING PERFORMANCE IN PUBLIC PROGRAMS ...Air Pollution; Economic Projections- Forecast; Public Health; Technology - Social Impact; Water Quality -general; ...1.0443

ECONOMIC EVALUATION OF ALTERNATIVE POLICIES FOR AIR RESOURCE MANAGEMENT ...Air Pollution -see Specifics; Costs -see Economics Entries; Government -see Federal Gov., Mathematical Models; Urban Research -general; ...1.0463

REGIONAL CONTROL COST STUDY IN BUFFALO ...Costs -see Economics Entries; Gases; Particulates - Air Pollution; Urban Research -general; ...1.0492

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Agricultural Economics; Alaska; Equipment & Machinery; Forest Fires -see Fire; Helicopters; Recreation, Outdoor; Types of Resources; ...1.0656

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis; Management (water); Multiple Purpose Reservoirs; Potable Water; Regional Economics; Social Aspects; Waste Water Treatment -general; Water Resources Planning; ...2.0967

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

AN ECONOMIC STUDY OF MUNICIPAL SURCHARGES ON INDUSTRIAL WASTES ...Budgeting Analysis; Disposal Wastes; Industry; Regression Analysis; Social Aspects; Urban Environment; Waste Treatment; ...2.1589

NETWORK EVALUATION OF WASTEWATER COLLECTION ECONOMICS ...Benefit-cost Analysis; Demography; Public Utilities; Pumps; Social Aspects; Urban Research -general; ...2.1820

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Air Pollution -see Specifics; Economics of Natural Resources; Northeast U. S.; Types of Resources; ...2.1837

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Community - Social Studies; Effluents - Waste Water; Legal Studies; Optimization, Economic; Water Costs; Water Resources Planning; Water Standards & Baselines; Welfare Economics; ...2.1844

PUBLIC INVESTMENT CRITERIA FOR WATER-ORIENTED RECREATION IN THE LAKE ERIE BASIN ...Benefit-cost Analysis; Costs -see Economics Entries; Finance -see Economics Entries; Lake Erie; User Expenditures; Water Quality -general; Water Standards & Baselines; ...2.1896

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Consumption; Development of Models; Floods; Land Use; Mathematical Models; Recreation, Water Resources; Statistical Models; Urban Research; ...2.1904

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Benefit-cost Analysis; Demand and Use -recreation; Estuaries; Land Use; Oceanography -general; Rhode Island; Survey Studies (water); Water Quality Control -general; ...2.1911

ECONOMIC EFFECTS OF SUBSIDIES FOR POLLUTION ABATEMENT ...Costs -see Economics Entries; Effluents - Waste Water; Expenditures; Fiscal Analysis -general; Government -see Federal Gov.; Water Pollution Abatement; Water Standards & Baselines; ...2.1914

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Land Use; Optimization, Economic; Recreation, Outdoor; Texas; User Characteristics -rec.; Water Resources Planning; Water Resources Protection; ...2.1930

URBAN SCIENCE AND ENGINEERING ...Building Fire Considerations; Disposal; Simulation Theory; Urban Research; Urban Research -general; ...3.0246

Medical Economics & Cost

A SURVEY OF THE PROCEDURES FOR EVALUATING HEALTH COSTS DUE TO AIR POLLUTION ...Air Pollution - see Specifics; Literature Search; Respiratory Disease; Welfare Economics; ...1.0461

Equipment Costs

STUDY OF ECONOMICS OF HOSPITAL SOLID WASTE SYSTEMS ...Administration and Management; Hospitals; Production Size: Economies of; Solid Waste Management; ...3.0192

Counties

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Oregon; Regional Economics; Water Demand; Welfare Economics; ...2.1900

ATTITUDES, OPINIONS AND GOALS CONCERNING REGIONAL RESOURCE PLANNING AND DEVELOPMENT ...Attitudes & Attitude Change; Computer Methods -general; Economic Planning; Government -see Federal Gov.; Regional Economics; River Basins; Vermont; ...2.1922

Criminology

MEASURING PERFORMANCE IN PUBLIC PROGRAMS ...Air Pollution; Cost-benefit Analysis; Economic Projections- Forecast; Public Health; Technology - Social Impact; Water Quality - general; ...1.0442

Crustacea

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases, Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Contamination - Water; Data Acquisition; Fish; Marine Pollution; Oregon; Pollution Effects -see Water; Salinity (water); Temperature (water); ...2.0335

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies -animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

ANALYSIS OF MERCURY CONTENT OF SHELLFISH OFF THE MASSACHUSETTS SEACOAST ...Atomic Absorption; Contamination - Water; Invertebrate Physiology; Mercury; Mollusca; ...2.0616

SHELLFISH TECHNICAL ASSISTANCE ...Captive Rearing; Commercial Fishing; Contamination - Water; Legislation; Marine Animals; Mollusca; ...2.0618

MERCURY CONCENTRATIONS IN THE AQUATIC LIFE FORMS AND THE WATERS OF THE UPPER CLARK FORK RIVER ...Fish; Mercury; Mollusca; Montana; Pollution Effects - see Water; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0663

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Aquatic Ecology - Animal; Eutrophic Lakes; Eutrophication; Ohio; Plant Habitat Studies; Reservoirs and Impoundments; Survey Studies (water); Vertical Distribution; ...2.0729

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ...Acidity (water); Captive Rearing; Contamination - Water; Environmental Influences; Fish Food Organisms; Mollusca; Pesticide Toxicity to Microorg; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; ...2.1517

SYNERGISTIC EFFECTS OF SUB-LETHAL POLLUTION ON THE DEVELOPMENT OF SELECTED WARM-TEMPERATE AND SUB-TROPICAL FISHES AND CRUSTACEANS ...Captive Rearing; Contamination - Water; Fish; Salinity (water); Temperature (water); ...2.1524

EFFECTS OF SEWAGE SLUDGE ON FINFISH AND BENTHIC AND PLANKTONIC COMMUNITIES ...Atlantic Ocean; Benthic Organisms -nonspecific; Ecological Effects; New Jersey; Sewage; ...2.1639

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

EFFECTS OF CRUDE OILS AND THEIR EMULSIONS ON MARINE ORGANISMS ...Animal Pharmacology; Contamination - Water; Fish; Oil; Ships and Cruises; ...2.1699

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ...Animal Productivity; Clams; Contamination - Water; Electric Power Plants; Environment Resistance-animals; Fish and Shellfish; Heat Recovery, Industrial; Ostreidae (oyster); Temperature (water); ...2.1762

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

STUDIES ON THE ECOLOGICAL PHYSIOLOGY OF MIDWATER CRUSTACEANS ...Carbon; Invertebrate Physiology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Vertical Distribution; ...4.0570

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Mollusca; Pesticide Toxicity to Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

UPTAKE, DEGRADATION, AND RETENTION OF C14-METHOXYCHLOR IN INVERTEBRATE POPULATIONS ...Animal Productivity; Bioassay; Invertebrate Physiology; Methoxychlor; Pesticide Action on Animals; ...4.0739

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...4.1055

Amphipoda

POPULATION STUDIES OF MARINE AMPHIPOD CRUSTACEANS ...Aquatic Ecology - Animal; Estuaries; Marine Animals; Vertical Distribution; ...2.0649

LONG-TERM EFFECTS OF PESTICIDES ON AQUATIC INVERTEBRATES ...Endrin; Parathion; Pesticides -see Pesticide; Sevin; ...2.1588

Cirripedia

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Amphibious Plants; Biological Effects; Contamination - Water; Marine Animals; Marine Environments; Petroleum -see Oil; Plant Habitat Studies; ...2.1502

THE BIOLOGY OF TROPICAL BOTTOM INVERTEBRATES ...Echinodermata; Environmental Ecology; Marine Pollution; Tropical Regions; ...2.1531

Cladocera

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Eutrophication; New York; Percidae; Plankton Sampling; Primary Productivity - Plants; Zooplankton; ...2.0265

ENERGY EXPENDITURES FOR OSMOTIC AND IONIC REGULATION IN DAPHNIA ...Bioassay; Invertebrate Physiology; Salinity (water); ...2.0761

EFFECTS OF WATER POLLUTION ON ZOOPLANKTON ...Copepoda; Insecticides -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Water Pollution Sources; ...2.1717

FISHERIES UNIT ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Catostomidae; Mark, Tag Or Capture -other; Pesticides - see Pesticide; Population Dynamics -general; ...4.0066

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Aldrin; Animal Resistance; DDT; Invertebrate Physiology; Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -see Pesticide; ...4.0734

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

PESTICIDE RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Bioassay; Brassica Species; Fish; Leaf Analysis; Pesticide in Food Chains; Trifluralin; ...4.1111

Copepoda

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Eutrophication; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Puget Sound; Tides; Wind; 2.0423

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Arkansas; Environmental Ecology; Micropterus Dolomieui; Pathology; Recreation, Outdoor; Water Depth; Water Levels; 2.1481

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

PARASITES OF FRESH-WATER FISHES IN NORTH CAROLINA ...Animal Life History Studies; Annelida; Lakes; Nets; Ponds; Temperature (water); ...2.1663

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Environmental Ecology; Fish; Marine Animals; Mollusca; Population Dynamics -general; Salinity (water); Thermal Properties; ...3.1693

EFFECTS OF WATER POLLUTION ON ZOOPLANKTON ...Cladocera; Insecticides -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Water Pollution Sources; 2.1717

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

Crabs

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects - see Water; Water Pollution Sources; Zinc; ...2.0280

VIBRIO PARAHAEMOLYTICUS IN CHESAPEAKE BAY - ISOLATION, INCIDENCE AND PATHOGENICITY ...Animal Interrelationships -gen; Bacterial Pollutant Sources; Chesapeake Bay; Estuaries; Muridae; Swamps - Marshes; ...3.0532

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

REARING AND SENSITIVITY STUDIES OF VARIOUS LIFE STAGES OF MARINE MACROINVERTEBRATES ...Animal Pharmacology; Invertebrate Physiology; Marine Animals; Prawns; Water Pollutant Identification; ...2.0791

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Animal Productivity; Benthic Fauna; Diatoms -see Also Algae; Energy Budgets; Fish; Marine Plants; New England Province; Oxygen Content (water); Sewage; ...2.1586

HISTOPATHOLOGIC EFFECTS OF POLLUTANTS ON CELLS AND TISSUES OF MARINE INVERTEBRATES ...Clams; Hippolyte; Lobsters; Marine Animals; Ostreidae (oyster); Physiological Effects; Zinc; ...2.1705

SYNERGISTIC INTERACTIONS OF ENVIRONMENTAL FLUCTUATIONS AND SUBLETHAL CONCENTRATIONS OF POLLUTANTS IN THE FIDDLER CRAB, UCA PUGILATOR ...Contamination - Water; Invertebrate Physiology; ...2.1709

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Estuaries; Marine Animals; Pesticide Action on Animals; Pesticide Toxicity in Animals; Physical Models; Pollution Effects -see Water; Sevin; ...4.0825

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties; Eastern U. S.; Gramineae; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; Water Cycle; ...3.0033

ENVIRONMENTAL INTERACTIONS ...Algae -nonspecific; Animal Succession; Dose Rate; Dose Fractionation; Invertebrate Physiology; Invertebrates; Salinity (water); X and Gamma Rays; ...3.0540

Crayfish

RADIONUCLIDE METABOLISM IN AQUATIC ANIMALS ...Animal Habitat Studies; Clams; Invertebrate Physiology; Marine Animals; Radiation Effects - Biological; Radioisotopes -nonspecific; Temperature (water); ...2.0036

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Missouri; Physical Water Properties; Taxonomy -animal; Water Quality -general; ...2.0659

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Gastropoda; Mollusca; Physical Water Properties; Taxonomy -animal; Water Pollution Sources; ...2.1623

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Contamination - Water; Fish; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; Zinc; ...3.1628

DEVELOPMENT OF DIET RATIONS FOR CULTIVATION OF SHRIMP AND CRAWFISH ...Hippolyte; Marine Animals; Plant Waste Removal, Treatment, Product Development Research; Shellfish Farming; ...3.0153

RESEARCH STUDIES RELATED TO DEVELOPMENT OF A CRAWFISH PROCESSING INDUSTRY IN LOUISIANA ...Commercial Fishing; Enterprise Studies; Farm Animal Wastes; Food Engineering & Technology; Mammals -nonspecific; Marketing; Supply; ...3.0374

GROSS EFFECTS OF HEXADECANOL AND PLASTIC SHEET BOTTOMS ON AQUATIC LIFE IN PONDS ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Linings - Pavings; Physical Water Properties; Ponds; Water Quality -general; ...4.0054

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0653

INTERACTIONS BETWEEN PESTICIDES AND FISH; ENZYME SYSTEMS ...Bioassay; Contamination - Water; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0705

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Aldrin; Animal Resistance; Cladocera; DDT; Invertebrate Physiology; Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -see Pesticide; ...4.0734

Hippolyte

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

VIBRIO PARAHAEMOLYTICUS IN CHESAPEAKE BAY - ISOLATION, INCIDENCE AND PATHOGENICITY ...Animal Interrelationships -gen; Bacterial Pollutant Sources; Chesapeake Bay; Estuaries; Muridae; Swamps - Marshes; ...2.0532

Crustacea

THE IMPACT OF MICROORGANISMS ON OIL ...Bacterial Ecology; Biological Effects; Degradation -see Pesticide Deg; Food Contamination; Louisiana; Ostreidae (oyster); Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0603

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Marine Plants; Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

ABUNDANCE AND COMPOSITION OF DEEP AND SHALLOW WATER MACROPLANKTON AND LITTORAL FISH POPULATIONS IN AND ABOUT THE SANTA BARBARA CHANNEL ...Animal Habitat Studies; Biological Effects; Channels; Osteichthyes -other; Plankton Sampling; Scorpaenidae; ...2.1501

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Clams; Environment Resistance-animals; Marine Animals; Marine Pollution; Temperature (water); ...2.1694

HISTOPATHOLOGIC EFFECTS OF POLLUTANTS ON CELLS AND TISSUES OF MARINE INVERTEBRATES ...Clams; Crabs; Lobsters; Marine Animals; Ostreidae (oyster); Physiological Effects; Zinc; ...2.1705

ENVIRONMENTAL QUALITY STUDY PROJECT - UTILIZATION OF WASTE HEAT ...Agricultural Studies -general; Energy Conversion; Heat Recovery, Industrial; Thermal Pollution; Water Utilization -industrial; ...2.1721

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

DEVELOPMENT OF DIET RATIONS FOR CULTIVATION OF SHRIMP AND CRAWFISH ...Crayfish; Marine Animals; Plant Waste Removal, Treatment; Product Development Research; Shellfish Farming; ...3.0153

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Animal Resistance; Bioassay; Estuaries; Marine Animals; Pesticides -nonspecific; San Francisco Bay; ...4.0543

PHYSIOLOGY OF ESTUARINE ORGANISMS ...Carbon; Estuaries; Invertebrate Physiology; Marine Animals; Pesticides see Pesticide; ...4.0591

EFFECTS OF PESTICIDES ON MARINE ANIMALS ...Developmental Physiology; Echinodermata; Invertebrate Physiology; Marine Pollution; Pesticide Toxicity in Animals; ...4.0593

LABORATORY BIOASSAYS ...Bioassay; Fish; Marine Animals; Marine Pollution; Ostreidae (oyster); Pesticides -nonspecific; ...4.0595

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Aldrin; Animal Resistance; Cladocera; DDT; Invertebrate Physiology; Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -see Pesticide; ...4.0734

Lobsters

HISTOPATHOLOGIC EFFECTS OF POLLUTANTS ON CELLS AND TISSUES OF MARINE INVERTEBRATES ...Clams; Crabs; Hippolyte; Marine Animals; Ostreidae (oyster); Physiological Effects; Zinc; ...2.1705

Ostracoda

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

Prawns

REARING AND SENSITIVITY STUDIES OF VARIOUS LIFE STAGES OF MARINE MACROINVERTEBRATES ...Animal Pharmacology; Crabs; Invertebrate Physiology; Marine Animals; Water Pollutant Identification; ...2.0791

Crystal Chemistry

Bonding

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Adsorption Capacity; Cesium; Composition Controls; Diffraction; Ion Exchange; Mineralogy; Soil Chemical Properties; Soil Chemistry; X-ray Spectroscopy; ...5.0025

Composition Controls

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Adsorption Capacity; Cesium; Diffraction; Ion Exchange; Mineralogy; Soil Chemical Properties; Soil Chemistry; X-ray Spectroscopy; ...5.0025

Crystal Properties & Structure

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Adsorpuon Capacity; Cesium; Composition Controls; Diffraction; Ion Exchange; Mineralogy; Soil Chemical Properties; Soil Chemistry; X-ray Spectroscopy; ...5.0025

Crystallization

TREATMENT OF WATER-PLANT SLUDGES ...Bench Scale; Coagulation; Dewatering; Filtration; Lime Treatment; ...2.0870

TREATMENT AND DISPOSAL OF CONDENSATE WASTES FROM HIGH LEVEL WASTE SOLIDIFICATION PROCESSES ...Atomic Plants; Distillation; Fuel; Nuclear Reactors; Temperature Effects; Waste Management -see Specific; ...3.0339

Culture Collections -microorg.

STUDIES ON THE METHANOGENIC BACTERIA IN SLUDGE ...Bacterial Classification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Methane Bacteria -nonspecific; Sewage Bacteria; ...2.0545

COLLECTION AND ESTABLISHMENT IN CULTURE OF SPECIES AND STRAINS OF MARINE PHYTOPLANKTON ORGANISMS ...Bioindicators; Contamination; Water; Marine Plants; Marine Pollution; Phytoplankton; ...2.0715

THE DETECTION AND ANALYSIS OF MUTAGENS ...Bacteria - nonspecific; Cell Injury and Autolysis; Chemical Mutagenesis; Evolution; Microorganisms; Radiation; ...5.0773

Cumberland River

HYDROLOGIC INFLUENCES OF STRIP MINING, BEAVER CREEK, KENTUCKY ...Appalachia; Kentucky; Small Watersheds; Strip Mines; ...2.1670

Currents (water)

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Channel Roughness; Estuaries; Fluid Mechanics; Forecasting - Prediction; Rate of Deposition; Sedimentation; Solid Waste; Turbidity (water); ...2.0101

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Animal Productivity; Density; Dystrophic Lakes; Nutrients; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Productivity -general; Stratification (water); ...2.0195

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE ...Aircraft Remote Sensing; Chesapeake Bay; Estuaries; Fluorometry; Monolayers; Petroleum Wastes - Spillage; Water Pollutants - Path of; Wind; ...2.0411

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

AIR PHOTO ANALYSIS OF OCEAN OUTFALL DISPERSION ...Aerial Photography -see Photo; Industrial Wastes; Lake; Marine Environments; Sewage; Surveying; ...2.0741

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation

(water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

ARTIFICIAL SUBSTRATE SAMPLERS AS INDICATORS OF WATER QUALITY ...Bioindicators; Bottom Sampling; Circulation (water); Periphyton; Statistics; Water Pollutant Identification; ...2.0860

LAKE CURRENTS AND DIFFUSION PROCESSES ...Canada; Dispersion (water); Fluid Mechanics; Petroleum Wastes - Spillage; Water Pollutants - Path of; ...2.0975

MIXING AND DISPERSION OF CONTAMINANTS IN RESERVOIRS ...Dispersion (water); Lakes; Texas; Water Pollutants - Path of; ...2.1108

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Contamination - Water; Environmental Ecology; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Pesticides -nonspecific; Spawn Or Nesting Sites; Temperature (water); ...2.1516

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Pre-impoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

LAKE MICHIGAN THERMAL STUDIES ...Atomic Plants; Dispersion (water); Forecasting - Prediction; Physical Models; Water Temperature Recorders; ...2.1547

AN ENVIRONMENTAL SURVEY OF THE DAMARISCOTTA RIVER ESTUARY, LINCOLN COUNTY, MAINE ...Bottom Sampling; Core Analysis; Estuaries; Maine; Salinity (water); Sewage; ...2.1570

THERMAL EFFECTS IN FLOWING STREAMS ...Electric Power Plants; Nutrients; Pollution Effects -see Water; Turbidity (water); ...2.1706

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Engineering Structures-general; Mapping; Shoreline Geomorphology; Structural Mechanics; Surveying; Utah; Waves - see Ocean Waves; ...2.1738

MATHEMATICAL WATER QUALITY PLANNING MODELS ...Bays; Harbors; Massachusetts; Model Studies; Systems Analysis - Water Mgmt; Tides; Water Resources Planning; ...2.1850

SUPPORT OF TWO RESEARCH VESSELS ...Biological Water Properties; Core Analysis; Great Lakes -see Specific Lake; Physical Water Properties; Research Facilities; Thermal Pollution; ...2.1851

Cyanides

CYANIDE METABOLISM BY MICROORGANISMS ...Aldehydes - nonspecific; Cellular Catabolism-see Degrad; Fungi -nonspecific; Microorganisms -nonspecific; Water Pollution Sources; ...2.0231

AN ECOLOGICAL STUDY OF THE LOWER HOUSATONIC RIVER - PHASE I - SURVEY OF THE CHEMICAL ASPECTS OF THE RIVER ...Alkalinity (water); Chemical Water Properties; Connecticut; Ecological Effects; Optical Properties of Water; Survey Studies (water); Zinc; ...2.0523

LITERATURE RESEARCH ON WATER QUALITY REQUIREMENTS AND TOXICOLOGY OF FISHES ...Contamination - Water; Fish; Marine Animals; Russia; Water Quality -general; ...2.1679

EXPERIMENTAL OPTIC NEUROPATHIES ...Lead; Muridae; Toxicology; ...4.0655

PHOTOREPAIR OF UV DAMAGE TO DNA - PURIFICATION & PROPERTIES OF THE DNA-PYRIMIDINE DIMER PHOTOMONOMERASE (ABBREV) ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Photochromism; Plants; Radiation Injury Prevention; Yeasts -nonspecific; ...5.0685

Cybernetics

PREPARE AND PUBLISH ANALYTICAL REPORTS ON AEROMETRIC DATA ...Air Pollution Sampling; Data Reduction and Analysis; Sampling; Statistics; ...1.0748

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Computer Models; Development of Models; Land Use; River Basins; Urban Environment; Urban Research -general; Watersheds; ...2.0822

SOMATIC EFFECTS OF LOW-DOSE RADIATION - CHROMOSOME ANALYSIS AND ANALYTICAL METHODOLOGY ...Computer Methods -general; Data Acquisition Systems; Data Reduction and Analysis; Image Amplifiers; Man Machine Systems; Radiation, Low Level; Research - Development; ...5.0785

THEORETICAL ASPECTS OF MICRODOSIMETRY ...Distributions; Dosimetry; Mathematical Analysis; Models (physical) of Anim & man; Radiation Penetration; ...5.0869

Cyclization

Cycloaddition

THE RELATION BETWEEN IONIC AND RADICAL BOND CLEAVAGE ...Free Radical Reactions; Kinetic Isotope Effects; Mechanism Determination; Oxidation; ...1.0891

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Hydrogen; Isotope Tracer -see Tracers; Kinetics; Mass Spectroscopy; Polymerization; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0353

Czechoslovakia

WATERBORNE DISEASE ETIOLOGY ...Animal Pollutant Sources; Florida; Food Contamination; Protozoa; Virginia; Water Wells; ...2.0715

Dams -general

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Erosion; Rate of Deposition; Sediment Transport; Sedimentation; Streams; Survey Studies (water); ...2.0061

TEMPERATURE INCREASES BELOW DAMS ...Dyes; Fluorometry; Meteorologic Instruments -gen.; Thermal Pollution; ...2.0806

WATER QUALITY MONITORING STUDIES ...Aquatic Ecology - Animal; Fish and Shellfish; Monitoring; Population Dynamics - general; Water Quality -general; ...2.0854

RIVER BASINS - SOUTH FORK DAM ...Agricultural Studies - general; Irrigation; Model Studies; Platte River; River Basins; ...2.0978

LAKE ERIE DIKE ...Harbors; Iron and Steel Industry; Model Studies; Physical Models; Sediments; Waste Type; Waves -see Ocean Waves; ...2.1051

LAKE DIKING AS A WATER POLLUTION MANAGEMENT TOOL ...Lakes; Management (water); Utah; Water Quality Control -general; Water Resources Planning; ...2.1115

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Pre-impoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation; Water Resources; Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Recreation; Water Resources; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

TAILINGS DISPOSAL SYSTEM (EFFECT OF DAM DESIGN ON/EFFLUENT QUALITY, SUBSTRATA STUDIES, SURFACE

& SUBSURFACE DISPOSAL) ...Economic Mineral Appraisals; Land Use; Mine Structures; Mine Wastes; Waste Disposal, Underground; Water Pollution Effects; Water Pollution Sources; ...3.0340

Data Acquisition

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN GREENSBORO, NORTH CAROLINA ...Air Pollution -see Specifics; Air Pollution Monitoring; North Carolina Urban Research -general; ...1.0280

AN EMISSION AND CONTROL STUDY OF THE RENDERING INDUSTRY ...Air Pollution; Economic Geology -general; Industrial Wastes; Noise -see Noise; Odor; Tanneries - Rendering Plants; ...1.0455

MAINTAIN AND PROVIDE UP-TO-DATE INFORMATION ON AIR POLLUTANT EMISSION FACTORS ...Air Pollution; Air Pollution-chemistry; Combustion; ...1.0777

SAMPLING OF SO2 CONCENTRATIONS AND RELATED METEOROLOGY ...Air Pollution Sampling; Aircraft; Atmospheric Dynamics; Power Plants; Tracers; ...1.0787

DOMESTIC WASTE DISCHARGE INTO A SILT LADEN ESTUARY ...Alaska; Chemical Water Properties; Data Reduction and Analysis; Forecasting - Prediction; Silting (water) -see Sediment; Sub - Polar Regions; Water Pollution Sources; ...2.0012

RIVER MURRAY SALINITY (SPECIAL PROGRAMME) ...Australia; Flow Characteristics (water); Saline Water Intrusion; Salinity (water); Water Quality Control -general; ...2.0025

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Deltas; Erosion; Rate of Deposition; Sediment Transport; Sedimentation; Streams; Survey Studies (water); ...2.0061

LARGE IMPOUNDMENTS - TEMPERATURE PREDICTION IN IMPOUNDMENTS ...Arid and Desert Regions; Forecasting - Prediction; Model Studies; ...2.0063

LARGE IMPOUNDMENTS - EUTROPHICATION OF LAS VEGAS BAY, LAKE MEAD ...Arid and Desert Regions; Nevada; Salinity (water); Water Quality Control -general; ...2.0064

DRAINAGE OF PENNSYLVANIA ANTHRACITE MINES ...Acid Mine Drainage; Local Stratigraphy; Mine Hydrology; Structural Analysis - Geology; ...2.0093

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination - Water; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Pollution Effects -see Water; Primary Productivity - Plants; Sewage; Water Quality -general; ...2.0119

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds; Nutrients; Phosphorus and Phosphorus Cpds; Recreation; Water Resources; Urban Research -general; ...2.0180

CANADARAGO LAKE EUTROPHICATION STUDY ...Agricultural Runoff; Biological Water Properties; New York; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Soil Tillage; Urban Runoff; ...2.0256

A PILOT-SCALE STUDY OF ACID MINE DRAINAGE ...Acidity (water); Mining Industry; Systems Analysis - Water Mgmt; Water Pollution Abatement; ...2.0303

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth; Water Levels; ...2.0332

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Contamination - Water; Fish; Marine Pollution; Oregon; Pollution Effects -see Water; Salinity (water); Temperature (water); ...2.0335

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Data Reduction and Analysis; Geology -general; Hydraulics; Texas; Water Pollution Sources; Water Supply -general; Water Wells; ...2.0375

AREA DESCRIPTIONS OF ALABAMA'S ESTUARIES ...Alabama; Benthic Organisms -nonspecific; Data Reduction and Analysis; Effluents - Waste Water; Physical Water Properties; ...2.0462

ENVIRONMENTAL PROTECTION PROGRAM ...Harbors; Ocean Dumping; Water Quality Control -general; ...2.0500

RIVER BASIN STUDY ...Arkansas River; River Basins; Water Quality -general; ...2.0512

DATA ACQUISITION SYSTEMS IN WATER QUALITY MANAGEMENT ...Aircraft Remote Sensing; Colorado; Detectors and Sensors; Regional Or State Studies; Water Chemistry; Water Standards & Baselines; ...2.0519

SPACECRAFT OCEANOGRAPHY PROJECT ...Electronic Detection, Tracking; Management; Marine Pollution; Microwave Radiation; Sea Ice; Space Science and Technology; Spacecraft Sensory Devices; Visible Light; ...2.0541

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo.; Chemical Analysis (water); Environmental Geology; Hydrographs; Land Use; Soil Tillage; Water Quality -general; Water Table; Water Wells; ...2.0570

WATER POLLUTION STUDY OF THE WABASH RIVER ...Indiana; Industrial Wastes; Model Studies; Urban Environment; Wabash River; Water Pollution Sources; Water Quality -general; ...2.0583

WATER RESOURCES OF THE BOWLING GREEN AREA, KENTUCKY ...Aquifers; Cooperative Studies; Floods; Groundwater Movement; Land Use; Water Resources Planning; Water Supply -general; ...2.0602

TIDAL DISCHARGE RESEARCH, NEW JERSEY ...Estuaries; New Jersey; Suspension; Water Quality -general; ...2.0682

INVESTIGATION OF THE THERMAL PATTERNS IN THE VICINITY OF THE CRYSTAL RIVER ...Aerial Photography -see Photo.; Atomic Plants; Energy Conversion; Forecasting - Prediction; Infrared Radiation; Thermal Pollution; ...2.0685

MONITORING WATER EFFLUENTS FROM A NUCLEAR POWER PLANT ...Atomic Plants; Effluents - Waste Water; Energy Conversion; New York; Water Pollutants - Path of; ...2.0697

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Aquatic Ecology - Animal; Biological Water Properties; Chemical Analysis (water); Fish; Organic Water Properties; Pollution Effects -see Water; Survey Studies (water); ...2.0731

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Geology -general; Mapping; Oklahoma; Remote Sensing; Soil Moisture; Soil Thermal Properties; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Data Reduction and Analysis; Management (water); Oregon; Plant Freshwater Ecology; Survey Studies (water); Water Quality -general; Watersheds; ...2.0744

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Data Reduction and Analysis; Estuaries; Mathematical Models; Radioactivity; Streams; Tides; Water Pollution Sources; ...2.0749

INSTRUMENTATION FOR ENGINEERING MANAGEMENT OF A MULTI-PURPOSE RIVER BASIN SYSTEM ...Automatic Data Aquisition; Flood Routing; Navigation; River Basins; Texas; Water Quality -general; ...2.0814

EFFECTS OF ECONOMIC DEVELOPMENT UPON WATER RESOURCES ...Data Reduction and Analysis; Economic Impact; Forecasting - Prediction; Industrial Wastes; Management (water); Model Studies; Water Pollution Abatement; ...2.1289

ENVIRONMENTAL CONTROL RESEARCH CONTROL TECHNIQUES, FIELD TESTING, AND EVALUATION ...Acid Mine Drainage; Chemical Analysis (water); Effluents - Waste Water; Mine Drainage Control; Mining Industry; Water Pollution Sources; ...2.1401

IMPROVED EXTRACTION SYSTEM - WATER CONTROL - CONTROL TECHNIQUES, FIELD TESTING AND EVALUATION ...Acid Mine Drainage; Analytical Instruments; Coal; Geology -general; Mine Atmosphere Conditions; Soil Tillage; ...2.1402

MANAGEMENT OF INDUSTRIAL WASTE DISCHARGES IN COMPLEX ESTUARINE SYSTEMS ...Estuaries; Industrial Wastes; Management (water); Model Studies; Salinity (water); Texas; Water Standards & Baselines; ...2.1425

EFFECTS OF CHEMICAL VARIATIONS IN AQUATIC ENVIRONMENTS ...Aluminum; Chemical Analysis (water); Colorado River; Lead; Oil Shale; Salinity (water); ...2.1512

COOLING WATER DISCHARGE PROJECT (RP-49) ...Biological Water Properties; Ecological Effects; Estuaries; Lakes; Synoptic Weather Observations; ...2.1572

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Chlorine; Effluent-standards; Fish; Population Dynamics -general; Species Diversity Measurement; Water Properties - general; ...2.1577

COAL STRIP MINE WATERSHED STUDY ...Alabama; Coal; Engineering Structures-general; Pollution Effects -see Water; Soil Tillage; Strip Mines; Water Quality -general; Watersheds; ...2.1719

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

BIOLOGY OF ANADROMOUS ALOSIDS ...Aging; Contamination - Water; Embryology -basic; Fish & Shellfish Biology; Marine Animals; Spawn Or Nesting Sites; Virginia; ...2.1748

EVALUATION OF GROUNDWATER RESOURCES, LIVERMORE VALLEY, CALIFORNIA ...California; Flow Characteristics (water); Management (water); Model Studies; Soil Tillage; Water Quality -general; ...2.1789

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

PALO ALTO, SAN MATEO, AND MONTARA MOUNTAIN 7.5-MIN. QUADRANGLES AND VICINITY, CALIFORNIA ...Borehole Geophysics; Environmental Geology; Rock Mechanics - Geology; Surficial Geology Studies; ...2.1797

EVALUATION OF BENEFIT-COST ESTIMATION OF THE ECOLOGIC AND ECONOMIC IMPACTS FROM WATER RESOURCES CONSERVATION AND DEVELOPMENT ...Benefit-cost Analysis; Ecological Effects; Georgia; Small Watersheds; Water Conservation -general; Water Resources Planning; ...2.1816

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Aquatic Ecology - Animal; Chemical Water Properties; Economic Impact; Kentucky; Plant Freshwater Ecology; Regional Economics; Social Aspects; Water Quality -general; ...2.1835

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Development of Models; Industrial Wastes; Model Studies; Optimization, Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

DATA COLLECTION ECONOMICS FOR WATER POLLUTION CONTROL STUDIES ...Economic Efficiency; Northeast U. S.; Statistics; Water Quality Control -general; ...2.1845

METHODOLOGY FOR INTEGRATING WATER QUALITY MANAGEMENT WITH THE MANAGEMENT OF THE TOTAL WATER RESOURCES IN MINNESOTA ...Groundwater; Management (water); Minnesota; Water Quality Control -general; Water Supply Development; ...2.1858

INTERORGANIZATIONAL STRUCTURE RELATING TO WATER QUALITY ADMINISTRATION AND POLICY ...Administration and Management; Administrative Organizations; Government -see Federal Gov.; Organizational Research; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1939

OIL POLLUTION OR STUDY--NSRDC ...Oil; Shoreline Structures; ...3.0018

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT; Northeast U. S.; Pesticide Residues; Preventative Measures; Sediments Water Pollutan Identification; Water Quality Control - general; Water Wells; ...4.0037

Automatic Data Aquisition

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmenation; ...1.0152

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Water Quality -general; ...2.0385

DIGITAL SYSTEMS FOR ON-SITE DATA COLLECTION FOR WATER QUALITY ANALYSIS ...Data Acquisition Systems; Data Networks; Data Transmission Systems; Digital Computers; Instrument Services; Water Quality -general; ...2.0481

HYDROLOGY, USDI ...Data Networks; Estuaries; Glaciology; Man Machine Systems; Remote Sensing; Soil Tillage; Water Quality - general; ...2.0539

HYDROLOGY AND WATER QUALITY OF SURFACE MINING FOR COAL IN PIKE COUNTY, INDIANA ...Coal; Indiana; Mining Industry, Soil Tillage; Strip Mines; Water Quality -general; ...2.0582

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Carbon; Destratification; Forecasting - Prediction; Lakes; Mathematical Models; Primary Productivity - Plants; Rate Meters; ...2.0612

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection; Chemical Water Properties; Electrochemistry; Lead; Physical Water Properties; Trace Elements; Water Distribution Systems; Water Quality -general; Zinc; ...2.0623

POTENTIOMETRIC TECHNIQUES FOR MONITORING IONS INVOLVED IN WATER POLLUTION ...Analysis and Detection; Chemical Analysis (water); Electrochemistry; Fluorine; Potentiometry; Water Pollutant Identification; ...2.0656

AUTOMATED POTENTIOMETRIC TECHNIQUES FOR THE ON-SITE MONITORING OF IONS IMPORTANT IN WATER QUALITY CONTROL ...Analysis and Detection; Electrochemistry; Lead; Potentiometry; Water Quality Control -general; ...2.0657

AUTOMATED FORECAST PROCEDURES FOR RIVER QUALITY MANAGEMENT ...Forecasting - Prediction; Mathematical Models; Ohio River; Storm Water; Water Quality -general; ...2.0714

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage; Alkalinity (water); Chemical Water Properties; Mine Drainage Control; Mineralogical Water Properties; Ohio; Water Properties -general; Zinc; ...2.0733

INSTRUMENTATION FOR ENGINEERING MANAGEMENT OF A MULTI-PURPOSE RIVER BASIN SYSTEM ...Data Acquisition; Flood Routing; Navigation; River Basins; Texas; Water Quality -general; ...2.0814

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

Data Networks

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

CHEMISTRY OF ATMOSPHERIC PRECIPITATION ...Chemical Analysis -general; Chemical Water Properties; New York; North Carolina; Precipitation; Virgin Islands; ...2.0092

DIGITAL SYSTEMS FOR ON-SITE DATA COLLECTION FOR WATER QUALITY ANALYSIS ...Automatic Data Aquisition; Data Acquisition Systems; Data Transmission Systems; Digital Computers; Instrument Services; Water Quality -general; ...2.0481

RIVER MURRAY SALINITY SURVEY IN SOUTH AUSTRALIA ...Australia; Chemical Analysis (water); Waste Treatment; Water Quality Control -general; ...2.0482

HYBRID COMPUTER SIMULATION OF GROUND-WATER BASINS ...California; Computer Models; Development of Models; Groundwater; Simulation Theory; Training Grants, Fellowships; Water Quality Control -general; ...2.0492

WATER QUALITY ASSESSMENT AND POLLUTION CONTROL ...Biological Water Properties; Groundwater; Irrigation; Physical Water Properties; Sewage; Water Pollution Abatement; ...2.0510

HYDROLOGY, USDI ...Automatic Data Aquisition; Estuaries; Glaciology; Man Machine Systems; Remote Sensing; Soil Tillage; Water Quality -general; ...2.0539

PREIMPOUNDMENT STUDY OF WATER QUALITY, SAYLORVILLE RESERVOIR DES MOINES RIVER, IOWA ...Iowa; Recreation; Water Resources; Types of Resources; Water Properties -general; Water Standards & Baselines; ...2.0585

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

BIOLOGICAL STREAM SURVEILLANCE ...Benthic Organisms - nonspecific; Bottom Sampling; Ecological Effects; Survey Studies (water); Taxonomy -plant; West Virginia; ...2.0850

FACTORS AFFECTING MINE DRAINAGE AND THE GROUND WATER INTERACTIONS IN SELECTED AREAS OF WESTERN PENNSYLVANIA (PART 2) ...Acid Mine Drainage; Aquifers; Chemical Analysis (water); Groundwater; Groundwater Movement; Pennsylvania; Strip Mines; ...2.0938

DISCHARGE OF NEGATIVELY BUOYANT FLUIDS ...Density; Energy Conversion; Fluid Mechanics; Mathematical Models; Stratification (water); ...2.1101

Data Reduction and Analysis

PARTICLE DYNAMICS ...Atmospheric Dynamics; Diffusion; Engines; Missiles; Photography; Simulation Theory; ...1.0068

COMPLETE COLLECTION OF ANALYSES OF DATA ASSOCIATING HEALTH EFFECTS WITH EXPOSUPE TO PB_o AS, OR CD EMISSIONS FROM SMELTERS IN MONTANA & IDAHO ...Air Pollution -see Specifics; Arsenic; Chemical Analysis -general; Idaho; Lead; Miners; Occupational Hazards; ...1.0279

EFFECTS OF PARTICULATES ON RADIOMETRIC MEASUREMENT OF SEA SURFACE TEMPERATURE & ON INFRARED COOLING RATES IN TROPOSPHERE (ABPREV) ...Bomex; Heat Balance - Budget; Marine Environments; Particulates - Air Pollution; Temperature; Weather Data; ...1.0332

GROSS DAMAGE ESTIMATES ...Air Pollution Effects; Costs -see Economics Entries; Economic Geology -general; ...1.0471

SURVEY FUEL ADDITIVE INFORMATION NEEDS AND IMPROVE RETRIEVAL OF DATA ...Air Pollution-chemistry; Data & Statistics Info Storage; Fuels; Information Systems; Literature Search; ...1.0514

DATA PROCESSING - FEDERAL INSTALLATIONS ...Air Pollution; Airplanes; Facilities; Ships; ...1.0516

DEVELOP NEW PROCEDURES FOR THE EOCC ...Air Pollution; Air Pollution Monitoring; ...1.0517

EVALUATE SURVEILLANCE DATA ...Air Pollution; Air Pollution -see Specifics; ...1.0520

LEGAL INFORMATAON HANDLING SYSTEM ...Air Pollution; Government -see Federal Gov.; Information Systems; Regional Or State Studies; ...1.0528

MONITOR LIGHT DUTY MOTOR VEHICLE EXHAUST EMISSIONS INSPECTION GRANT PROGRAMS ...Cars; Engine; Engines; ...1.0740

PREPARE AND PUBLISH ANALYTICAL REPORTS ON AEROMETRIC DATA ...Air Pollution Sampling; Cybernetics; Sampling; Statistics; ...1.0748

PUBLISH REPORTS ON DEVELOPMENTS IN AEROMETRIC DATA ANALYSIS METHODS ...Air Pollution; ...1.0749

PUBLISH BASIC AIR QUALITY DATA ...Air Pollution; Air Pollution-chemistry; Data & Statistics Info Storage; ...1.0750

EMISSION INVENTORIES OF FEDERAL FACILITIES IN AQCR'S ...Air Pollution chemistry; Combustion; Exhaust; Combustion -see Auto; Furnaces; Nitrogen and Nitrogen Cpds.; Smoke -see Air Pollution; Statistics; ...1.0768

EXPAND SAROAD TO SERVE THE NEEDS OF NADIS ...Air Pollution; Data & Statistics Info Storage; ...1.0785

DEVELOP IMPROVED METHODS OF CALCULATING AND ANALYZING SURVEY DATA ...Air Pollution; ...1.0800

AQCR ASSISTANCE - AIR QUALITY DATA ...Air Pollution -see Specifics; Air Pollution Monitoring; ...1.0827

DOMESTIC WASTE DISCHARGE INTO A SILT LADEN ESTUARY ...Alaska; Chemical Water Properties; Forecasting - Prediction; Silting (water) -see Sediment; Sub - Polar Regions; Water Pollution Sources; ...2.0012

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination - Water; Industrial Wastes; Physical Water Properties; Pollution Effects -see Water; Primary Productivity - Plants; Sewage; Water Quality -general; ...2.0119

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Disturbance; Erosion; Iowa; Location; Methods; Sediment Yield; Sediments; Soil Chemical Properties; ...2.0145

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control -general; ...2.0166

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation; Water Resources; Urban Research -general; ...2.0180

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

BUFFALO RIVER OIL POLLUTION PROGRAM ...New York; Oil Removal; Petroleum Wastes - Spillage; Water Pollution Abatement; ...2.0258

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Cladocera; Eutrophication; New York; Percidae; Plankton Sampling; Primary Productivity - Plants; Zooplankton; ...2.0265

CHEMISTRY OF MINERALIZED WATERS ...Arsenic; Bromine; Chlorine; Fluorine; Geology -general; Iodine; Origin; Water Quality -general; ...2.0311

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Geology -general; Hydraulics; Texas; Water Pollution Sources; Water Supply -general; Water Wells; ...2.0375

AREA DESCRIPTIONS OF ALABAMA'S ESTUARIES ...Alabama; Benthic Organisms -nonspecific; Effluents - Waste Water; Physical Water Properties; ...2.0462

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation; Water Resources; Sampling; Types of Resources; Urban Research -general; Water Pollution Sources; ...2.0479

GEOSECS - OPERATIONS STAFF ...Man Machine Systems; Ocean Circulation -general; Particle - Gas Transfer; Sampling; Sea Water Properties; Ships and Cruises; ...2.0503

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Computer Models; Drainage; Fertilizers; Impaired Water Use; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Moisture; Soil Water Plant Relationships; ...2.0513

A SYSTEM FOR GEOLOGIC EVALUATION OF POLLUTION POTENTIAL AT MOUNTAIN DWELLING SITES ...Groundwater; Percolation (water); Sewage; Water Pollutant Identification; ...2.0521

UTILIZATION OF THE STORAGE POTENTIAL OF RIVER VALLEY AQUIFERS ...Aquifers; Infiltration; Nebraska; Recharge (water); River Basins; Water Quality -general; Water Storage; ...2.0665

TIDAL DISCHARGE RESEARCH, NEW JERSEY ...Data Acquisition; Estuaries; New Jersey; Suspension; Water Quality -general; ...2.0682

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Bioassays; Coliforms -nonspecific; Microorganisms -nonspecific; New Mexico; Rumen Bacteria; Water Pollution -see Specifics; Water Quality -general; Water Utilization -domestic; ...2.0684

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Eutrophication; Land Use; New York; Plants - Dicotyledons; Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

EFFECT OF IMPOUNDMENTS ON WATER QUALITY ...Algal Pollutant Sources; Nutrients; Pre-impoundment Sites; Reservoirs and Impoundments; Water Quality -general; ...2.0735

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Oklahoma; Remote Sensing; Soil Moisture; Soil Thermal Properties; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Management (water); Oregon; Plant Freshwater Ecology; Survey Studies (water); Water Quality -general; Watersheds; ...2.0744

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Estuaries; Mathematical Models; Radioactivity; Streams; Tides; Water Pollution Sources; ...2.0749

CHARACTERISTICS OF DRAINAGE FROM DEEP BITUMINOUS COAL MINES IN WESTERN PENNSYLVANIA

...Acid Mine Drainage; Bituminous; Pennsylvania; Waste Water Treatment mgeneral; ...2.0751

BAY WATCH ...Air Pollution Monitoring; Bays; Forecasting - Prediction; Marine Pollution; Physical Models; Water Quality Control -general; ...2.0772

APPLICATION OF STOCHASTIC TECHNIQUES TO WATER QUALITY DATA ANALYSIS ...Mathematical Models; Simulation Theory; Statistical Models; Stochastic Processes; Water Quality -general; ...2.0809

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Computer Models; Cybernetics; Development of Models; Land Use; River Basins; Urban Environment; Urban Research -general; Watersheds; ...2.0822

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF WATER QUALITY ...Aircraft Remote Sensing; Internal Reflection; Legislation - Zoning; Water Pollutant Identification; Water Resources Planning; Wisconsin; ...2.0857

DISPERSION DURING FLOW IN HETEROGENEOUS POROUS MEDIA ...Fluid Mechanics; Groundwater Movement; Isotope Tracer -see Tracers; Model Studies; Seepage (water); Water Pollutants - Path of; ...2.1014

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Forecasting - Prediction; Groundwater; Land Use; Mans Pollutional Activities; Sewage; Waste Disposal-see Solid Waste; Water Quality -general; ...2.1054

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

COLD WATER STUDIES - WALLUM LAKE ...Acidity (water); Bottom Sampling; Lakes; Lime Treatment; Neutralization; Rhode Island; ...2.1095

DISCHARGE OF NEGATIVELY BUOYANT FLUIDS ...Data Networks; Density; Energy Conversion; Fluid Mechanics; Mathematical Models; Stratification (water); ...2.1101

EFFECTS OF ECONOMIC DEVELOPMENT UPON WATER RESOURCES ...Data Acquisition; Economic Impact; Forecasting - Prediction; Industrial Wastes; Management (water); Model Studies; Water Pollution Abatement; ...2.1289

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Fishing; Geology -general; Groundwater; Michigan; Physiography - general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

ENVIRONMENTAL CONTROL RESEARCH CONTROL TECHNIQUES, FIELD TESTING, AND EVALUATION ...Acid Mine Drainage; Chemical Analysis (water); Data Acquisition; Effluents - Waste Water; Mine Drainage Control; Mining Industry; Water Pollution Sources; ...2.1401

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Ecological Effects; Energy Conversion; Induced Temperature; Marine Plants; Population Dynamics -general; Thermal Pollution; ...2.1532

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific; Algal Physiology; Ecological Effects; Effluents - Waste Water; Forecasting - Prediction; Management; Nutrients; Sewage Treatment Plant; Water Pollutant Identification; ...2.1646

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Environmental Ecology; Eutrophication; Lake Erie; Plankton; Spawning & Nesting Sites; Stizostedion Vitreum Vitreum; Water Temperature Recorders; ...2.1672

EFFECTS OF LOGGING ON SALMON POPULATIONS IN COASTAL STREAMS ...Animal Migration; Coastlines - Shorelines; Fish and Shellfish; Forest Watersheds; Lumbering - general; Oregon; Pseudotsuga; ...2.1688

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF MOSES LAKE ...Animal Habitat Studies; Censusing; Lakes; Pre-impoundment Sites; Sediments; Texas; ...2.1727

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization; Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Economic Efficiency; Legal Review; Management (water); Model Studies; Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Model Studies; Optimization, Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

DATA COLLECTION ECONOMICS FOR WATER POLLUTION CONTROL STUDIES ...Data Acquisition; Economic Efficiency; Northeast U. S.; Statistics; Water Quality Control -general; ...2.1845

SOCIAL ECONOMIC FACTORS IN THE ADOPTION BY INDUSTRY OF WATER POLLUTION CONTROL MEASURES ...Attitudes & Attitude Change; Industry; Minnesota; Social Aspects; Social Change; Statistics; Water Quality Control -general; ...2.1857

MATHEMATICAL AND COMPUTER SERVICES FOR THE ANALYSIS OF DATA AND DESIGN OF EXPERIMENTS FOR CERTAIN FWQA PROGRAMS ...Coastlines - Shorelines; Electric Power Plants; Facilities; Marine Environments; Pulp and Paper Wastes; ...2.1897

STATE WATER QUALITY MANAGEMENT INFORMATION SYSTEM ...General Information Services; Information Science; Management (water); Pennsylvania; Water Quality -general; Water Quality Control -general; ...2.1902

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation; Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization -general; ...2.1936

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...California; Fluid Mechanics; Ocean; Ocean Waves -see Waves; Pacific Ocean; Salinity; Sewer Systems; Thermal Properties; ...3.0068

BIOLOGICAL CONCEPTS FOR DESIGN AND OPERATION OF THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Biological Treatment-general; Process Design; ...3.0275

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

HERBICIDE SCREENING STUDIES ON SUGAR BEETS ...Bioassay; Computer Methods -general; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Residues; ...4.0251

THE RELATIONSHIP BETWEEN THE USE OF AGRICULTURAL CHLORINATED HYDROCARBONS AND THEIR RESIDUES IN CHANNEL CATFISH ...Chemical Analysis; DDT; Fish; Land Use; Pesticides -see Pesticide; River Basins; ...4.0754

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Animal Wastes - Feed Lots; Economic Efficiency; Environment; Erosion; Livestock - nonspecific; Optimization, Economic; Pesticides -nonspecific; Sediments; Welfare Economics; ...4.1013

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL INFORMATION PROCESSING, STORAGE, AND RETRIEVAL ...Applied Climatology; Chemical Water Properties; Electric Power Plants; Information Science; Information Systems; Thermal Pollution; Water Pollution Sources; ...5.0072

HUMAN BODY INTERACTION TO RF ENVIRONMENTS ...Electromagnetic Field; Interaction With Matter; Microwave and Radiofrequency; Occupational Hazards; Statistics; ...5.0730

SOMATIC EFFECTS OF LOW-DOSE RADIATION - CHROMOSOME ANALYSIS AND ANALYTICAL METHODOLOGY ...Computer Methods -general; Cybernetics; Data Acquisition Systems; Image Amplifiers; Man Machine Systems; Radiation, Low Level; Research - Development; ...5.0785

COMPUTER APPLICATIONS ...Californium; Computer Methods - general; Data & Statistics Info Storage; Dose Rate; Dose Fractionation; Man Machine Systems; Neutron -see Radiation; ...5.0897

Dating - Geochronology

MEASUREMENTS OF NATURAL RADIOCARBON AND TRITIUM ...Carbon - 14 Dating; Dendrochronology; Marine Environments; Precipitation; Radioactivity, Natural; Sea Water Mass & Ocean Fronts; ...5.0790

Dendrochronology

MEASUREMENTS OF NATURAL RADIOCARBON AND TRITIUM ...Carbon - 14 Dating; Marine Environments; Precipitation; Radioactivity, Natural; Sea Water Mass & Ocean Fronts; ...5.0790

Radioactivity Methods

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U.S.; ...2.0052

Carbon - 14 Dating

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Drainage; Erosion, Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy plant; Zooplankton; ...2.0245

RADIOCARBON AS A TRACER IN GROUND WATER PROBLEMS ...Aquifers; Groundwater Movement; Permeability; Radioisotopes; Recharge (water); Waste Disposal-see Solid Waste; ...2.0475

GEOCHRONOLOGY, C-14 METHOD ...Groundwater; Paleoclimatology; Sea Level Changes; Tectonics; ...2.0534

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Data Reduction and Analysis; Management (water); Oregon; Plant Freshwater Ecology; Survey Studies (water); Water Quality -general; Watersheds; ...2.0744

EVALUATION OF C-14 DATING OF GROUND WATER ...Aquifers; Carbon; Geochemical Analysis (water); Groundwater; Radiologic Warfare; Water Pollution Sources; ...2.0992

MEASUREMENTS OF NATURAL RADIOCARBON AND TRITIUM ...Dendrochronology; Marine Environments; Precipitation; Radioactivity, Natural; Sea Water Mass & Ocean Fronts; ...5.0790

Uranium Dating

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Element Ratios; Environmental Geology; Evolution; Genetic Relationships; Geochemical Investigations; Lead; Petrology; Radiochemical Analysis; Uranium; ...5.0016

DDT -see Pesticides

RELATIONSHIPS BETWEEN SUB-LETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ...Behavior - vertebrate; Cyprinodontidae; Fish; Laboratory Animals; Pesticide Evaluation; Pesticides -nonspecific; Psychology; ...4.0598

THE D AND THE L ISOMERS OF O,P'-DDT ...DDT; Mammals - nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Toxicology; ...4.0600

INHIBITORY EFFECT OF DDT IN ATPASE ASSAY MIXTURES ...DDT; Fish; Pesticide Action on Animals; ...4.0891

Decision Making

COMEX AIR POLLUTION COMPUTER RESEARCH PROJECT ...Administration and Management; Air Pollution; Air Pollution - see Specifics; Computer Methods -general; Education -see Training; Social Aspects; Urban Research -general; ...1.0476

Degradation

AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Combustion; Energy Conversion; Fuels; Mass Spectroscopy; Photochemical Reactions; Wall Effects; ...1.0009

KINETICS OF NITRIC OXIDE AT HIGH TEMPERATURES ...Air Pollution-chemistry; Combustion; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Temperature; ...1.0130

CATALYTIC DECOMPOSITION OF NITROGEN OXIDES ...Catalysts; Combustion; Fuels; Inert Atmosphere; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; ...1.0133

KINETICS OF NITROGEN-OXIDE AUTOMOTIVE POLLUTION ...Air Pollution-chemistry; Combustion; Engine; Engines; Fuels; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0163

ENVIRONMENTAL POLLUTION TOXICOLOGY OF AIR FORCE MATERIALS ...Air Pollution; Contamination -see Air & Water, Environment; Propellants; ...1.0411

ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF THE REACTION KINETICS OF MAJOR AIR POLLUTANTS ...Air Pollution; Chemical Mechanisms & Kinetics; Fuels; Kinetics; Shock-wave; ...1.0885

TOXIC MATERIALS IN NUCLEAR SUBMARINES ...Air Pollution -see Specifics; Air Pollution-chemistry; Marine Materials; Submarine & Living Medicine; Toxic Substances; Toxicology; ...1.0888

ASPECTS OF CHEMICAL REACTIONS OF AIR POLLUTANTS ...Air Pollution-chemistry; Kinetics; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; ...1.0900

ELEMENTARY REACTIONS IN POLLUTED ATMOSPHERES ...Air Pollution-chemistry; Free Radical Reactions; Mechanism Determination; Oxidation; Photochemical Reactions; Photolysis; Rate of Reaction; ...1.0905

THE REACTION OF METALLOPORPHYRINS WITH AIR POLLUTANTS ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Spectrographic Techniques; ...1.0913

THE REACTION OF O(1D) ATOMS WITH WATER VAPOR ...Air Pollution-chemistry; Photolysis; Rate of Reaction; ...1.0916

BEHAVIOR OF POLLUTANTS IN WATER ...Groundwater; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides - nonspecific; Soil Moisture; Water Pollutants - Path of; ...2.0076

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes; Mechanism Determination; Pesticides -see Pesticide; Wisconsin; ...2.0858

DILUTE SOLUTION REACTIONS OF NITRATE ION AS APPLIED TO WATER RECLAMATION ...Denitrification -see Nitrogen; Literature Search; Reduction Reactions; ...2.0876

PHYSICAL-CHEMICAL PHENOMENA ASSOCIATED WITH ORGANO-COLLOIDAL SURFACE INTERACTIONS ...Adsorption; Calorimetry; Colloidal Phenomena; Degradation -see Pesticide Deg; Organic Matter; Spectrographic Techniques; Water Chemistry; Xray Diffraction; ...2.0886

THE EFFECT OF CHLORINATION ON TREATED ORGANIC CHEMICALS ...Chemical Manufacturing Wastes; Chlorination; Disinfection; Organics; Rate of Reaction; Waste Water Degradation; ...2.0919

THE INFLUENCE OF SOILS ON POLLUTION ...Adsorption; Drainage; Nutrients; Pesticide Degradation -see Deg; Pesticides - nonspecific; Soil Fertility; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1046

EFFECT OF CHEMICAL STRUCTURE ON BIODEGRADABILITY OF ORGANIC MOLECULES ...Analysis and Detection; Biodegradation-see Degradation; Microorganism-see Cell. Catab.; Organic Water Properties; Water Pollution Sources; ...2.1065

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS ...Aquatic Soils; Coastlines - Shorelines; Degradation -see Pesticide Deg; Marine Biology - General; North Carolina; Petroleum -see Oil; Swamps - Marshes; Water Chemistry; ...2.1072

RECLAMATION OF METAL VALUES FROM METAL-FINISHING WASTE TREATMENT SLUDGES ...Industrial Wastes; Oxidation; Reduction Reactions; Sludge; Waste Treatment; ...2.1093

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

THERMOPHILIC METABOLISM IN SOLID SUBSTRATES ...Aerobic Waste Water Treatment; Landfills -see Water Pollution; Solid Waste; Urban Research -general; Waste Disposal on Soils; ...3.0188

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific; Calorimetry; Fungi -nonspecific; Industrial Wastes; Photolysis; Pulp and Paper Wastes; Thin Layer Chromatography; Waste Water Degradation; ...3.0284

PESTICIDE KINETICS ...Bottom Sampling; Environment Accumulation Rates; Marine Biology - General; Pesticide Residues; Pesticides -see Pesticide; Tidewater Areas; Water Standards & Baselines; ...4.0024

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

DISPOSING OF SURPLUS PESTICIDES AND PESTICIDE CONTAINERS ...Chemical Degradation; Disposal; Herbicides -nonspecific Insecticides -nonspecific, Nematocides -nonspecific; Pesticide Residues Removal; Waste Type; ...4.0046

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Dikar; Dusts; Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Estuaries; Fish; Laxes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Colloids' Phenomena; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Agricultural Runoff; Degradation -see Pesticide Deg; Drainage; Endrin; Floods; Pesticide Residues; Saccharum; Water Pollutants - Path of; Water Table - Depth of; ...4.0115

DETERMINATION OF HERBICIDAL RESIDUES IN PLANTS AND SOILS, AND FATE OF HERBICIDES IN CERTAIN SOILS ...Ornamentals; Patoran; Pesticide Movement in Soils; Pesticide Phytotoxicity; Phaseolus; Turf; Vegetables; ...4.0133

THE ROLE OF MICROFLORA IN THE PERSISTENCE AND DECOMPOSITION OF PESTICIDE RESIDUES ...Biodegradation-see Degradation; Chlorine; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; ...4.0151

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter; Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

THE LOSS OF HERBICIDES FROM SOIL ...Adjuvants; Pesticide Volatility; Planavin; Soil Chemical Properties; ...4.0182

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

DETECTION AND DETERMINATION OF FUNGICIDES, BACTERICIDES, AND CHEMOTHERAPEUTIC AGENTS ...Benlate; Bioassay; Butylamine; Catalysts; Methyl Bromide; Sandy Soils -see Soil Type; TBZ; ...4.0238

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticide Toxicity -general; Pesticide Toxicity in Animals; Pesticides -nonspecific; ...4.0268

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

FATE OF MALATHION RESIDUES ON GRAIN SORGHUMS ...Bioassay; Chemical Degradation; Malathion; Pesticide Evaluation; Pesticide Residues; Radioisotopes -nonspecific; Sorghum; ...4.0318

TRANSFORMATIONS OF INSECTICIDES BY PLANTS ...Animal Perf.; Enzymes; Pesticide Residues; Plant; Radioisotopes -nonspecific; ...4.0349

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Agropyron; Cyperaceae; Dalapon; Medicago; Pesticide Degradation -see Deg; Pesticide Interaction With Env; Pesticide Residues; 2,4-db; ...4.0419

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Climates -general; Flood Irrigation; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Residues; Sandy Soils -see Soil Type; Sprinkler Irrigation; Urea Cpds. -nonspecific; ...4.0484

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Aeration (water); Formulations -nonspecific; Herbicides -nonspecific; Metabolites From Pesticides; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; ...4.0518

ECOLOGY OF ANIMALS IN DDT-CONTAMINATED ENVIRONMENTS ...Contamination -see Air & Water; DDT; Pesticide Safety Measures; Population Dynamics -general; Wildlife -nonspecific; Wildlife Toxicity; ...4.0632

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Finland; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Insecticides -nonspecific; Pesticide Degradation -see Deg; Pesticide Residues; Pesticides -nonspecific; Texas; ...4.0988

SYSTEMS APPROACH TO CONTROLLING PESTICIDE CONTAMINATION OF SAN JOAQUIN VALLEY ...Environment Accumulation Rates Models of Biological Systems; Pesticide in Food Chains; Pesticide Toxicity -general; Pesticides -nonspecific, Preventative Measures; ...4.1000

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Chemical Analysis; Feces; Metabolites From Pesticides; Pesticide Rates -general; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.1020

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENT ...Chemical Analysis; Gas Chromatography; Pesticide Persistance in Soils; Pesticides -nonspecific; Soil Chemical Properties; ...4.1034

ECONOMICS OF PERSISTENT INSECTICIDE RESIDUES ...Environment Accumulation Rates; Ericaceae; Literature Search, Methyl Parathion; Pesticide Residues; Phenols; ...4.1050

FATE OF PESTICIDES ...Absorption (Soil Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

DEVELOPMENT OF APPLE SPRAY PROGRAMS IN RELATION TO SPRAY RESIDUE RESTRICTIONS ...Furadan; Guthion; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrus Malus; ...4.1082

EFFECT OF ENVIRONMENTAL PARAMETERS ON PESTICIDAL STABILITY ...Environmental Effects - Human; Metabolites From Pesticides; Piperonyl Butoxide, Radiation Sources -general; Toxic Substances; ...4.1087

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

ANALYTICAL METHODS FOR PESTICIDES AND PESTICIDE DEGRADATION PRODUCTS ...Bor; Degradation -see Pesticide Deg; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Sumithion; ...4.1103

FATE AND PERSISTENCE OF PESTICIDES AND PHYSIOLOGICALLY ACTIVE DEGRADATION PRODUCTS ...Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -nonspecific; Pesticides -see Pesticide; Physical Degradation; Soil Types -Also See Specifics; ...4.1104

Biodegradation

DISTRIBUTION AND METALOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides - nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

KINETIC STUDIES OF THE OXIDATIVE DEGRADATION OF DETERGENT, AND RELATED CHEMICAL SPECIES IN AQUEOUS SOLUTION ...Chemical Degradation; Detergents -see Surfactants; Kinetics; Rate of Reaction; Waste Water Degradation; ...2.0171

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes; Mechanism Determination; Pesticides -see Pesticide; Wisconsin; ...2.0858

NAVY ENVIRONMENT - BIOLOGICAL DEGRADATION OF PESTICIDES IN THE MARINE ENVIRONMENT ...Environment; Herbicides -nonspecific; Marine Pollution; Pesticide Safety Measures; Pesticides -other; ...4.0015

MICROBIOLOGY AND BIOCHEMISTRY OF PESTICIDES IN SOIL ...Actinomycetes -nonspecific; Azobenzene; Cipc; Fusarium; Pesticide Degradation -see Deg; Propanil; Soil Microbiology; ...4.0117

INFLUENCE OF PROTOZOAN ACTIVITY ON HALOGENATED HYDROCARBON RESIDUES - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Aquatic Ecology - Animal; Fresh Water; Invertebrate Physiology; Pesticides -see Pesticide; Protozoa; ...4.0706

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Action on Plants; Radioisotopes -nonspecific; Toxicology; ...4.0861

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN RELATION TO INSECTS AFFECTING LIVESTOCK ...Chemical Analysis; Domestic Animals; Insecticides -nonspecific; Liquids Or Sprays; Livestock -nonspecific; Pesticide Evaluation; Pesticide Residues; ...4.0863

FATE OF INSECTICIDE CHEMICALS IN RELATION TO NONPERSISTENCE AND SPECIES SPECIFICITY ...Allethrin; Buxton; Metabolites From Pesticides; Pesticide Residue Analysis; Pyrethrum; ...4.0926

BIOLOGICAL DEGRADATION OF AGRICULTURAL INSECTICIDES ...Azodrin; Chemical Analysis; Metabolites From Pesticides; Phosphamidon; ...4.1042

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Home Economics; Pesticide Residue Analysis; Pesticide Residues Removal; Residues in Foods; ...4.1049

STRUCTURE ANALYSIS OF TRACE PESTICIDE RESIDUES BY GLC ...Gas Chromatography; Metabolites From Pesticides; Pesticides -nonspecific; ...4.1065

FATE AND PHYSIOLOGICAL EFFECTS OF CHEMOSTERILANTS AND OTHER COMPOUNDS ...Adjuvants; Animal Pests; Aziridine Cpds. -nonspecific; Pesticide Action on Animals; ...4.1095

Animal

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

DEVELOPMENT OF SAFE & EFFECTIVE MATERIALS FOR MANAGEMENT OF WESTERN FOREST INSECT POPULATIONS ...Aerosols - Smokes, Fogs, Steam; Bioassay; Methomyl; Pesticide Evaluation; Pesticide Residues; Population Dynamics - general; Translocation; ...4.0220

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Air Pollution -see Specifics; Beta Particles; Fragaria; Malathion; Pesticide Interaction With Env; Pesticide Residues Removal; Residues in Foods; X and Gamma Rays; ...4.0308

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Carbamates -nonspecific; DDT; Difolatan; Laboratory Animals; Methoxychlor; Muridae; Pesticide Persistance in Soils; Phaltan; ...4.0556

METABOLIC STUDIES OF INSECTICIDES ...Laboratory Animals; Muridae; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0620

EFFECTS OF PESTICIDES ON NON-TARGET ORGANISMS ...Arachnida; Dieldrin; Pesticide in Food Chains; Pesticide Residue Analysis; Scophulariaceae; ...4.0667

A TISSUE ENZYME ASSAY FOR CHLORINATED HYDROCARBON INSECTICIDES ...Bioassays; Cyclodiene Cpds. -nonspecific; Lepomis Macrochirus; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0681

A STUDY OF THE DEGRADATION RATE OF ALDRIN ...Aldrin; Annelida; Dieldrin; Metabolites From Pesticides; Pesticide in Food Chains; Pesticide Toxicity in Animals; Soil Microbiology; ...4.0745

DEGRADATION AND PERSISTENCE OF ALDRIN ...Aldrin; Animal Habitat Studies; Dieldrin; Pesticide in Food Chains; Pesticide Residues; ...4.0746

SELECTIVE TOXICITY - AN APPROACH TO ENVIRONMENTAL HEALTH ...Air Pollution-chemistry; Environmental Effects - Human; Mammals -nonspecific; Sulfur; ...4.0764

MECHANISMS OF ADAPTATION OF ORGANISMS TO PESTICIDES ...Ddvp; Genetic Resistance; Pesticide Action on Animals; Sevin; ...4.0799

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Amino Triazole; D, 2,4-; Laboratory Animals; Metabolites From Pesticides; Muridae; PMA; ...4.0819

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

ENZYMIC MECHANISMS OF INSECTICIDE METABOLISM ...Catalysis; Mechanism Determination; Organophosphorous Cpds.; Pesticide Action on Animals; Rabbits; Radioisotopes -nonspecific; ...4.0853

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Animal Resistance; Bos; Herbicides and Other Chem; Mammals -nonspecific; Pesticide Action on Plants; Pesticide Residues; Sevin; ...4.0860

THE METABOLIC FATE OF AN ORGANIC PHOSPHATE INSECTICIDE (GS-13005) WHEN FED TO DAIRY CATTLE ...Domestic Animals; Microorganism-see Cell Catab.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0884

ORGANIC PHOSPHATE RESIDUE IN DAIRY COWS ...Domestic Animals; Muridae; Pesticide Residues; Sulfoxide; Tissue Accumulation Rates; ...4.0885

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...BHC, Chloropropylate; DDT, Ethion; Kelthane; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

ACTION MECHANISMS OF INSECTICIDAL DERIVATIVES ...Carbamates -nonspecific; DDT; Fungi -nonspecific; Muridae; Pesticide Action on Animals; Physiological Resistance; ...4.0915

MECHANISMS OF INSECTICIDE DEGRADATION ...Cellular Catabolism-see Degrad; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0916

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Furadan; Muridae; Pesticide Residues Removal; Plant; Residues in Foods; ...4.0932

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg, Plant; Soil Microbiology; ...4.0943

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Chemical Analysis (water); Environmental Hazards; Paraoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides -other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Degradation; Insecticides -nonspecific; Pesticide Degradation -see Deg; Pesticide Residues; Pesticides - nonspecific; Texas; ...4.0988

PESTICIDES AND WILDLIFE ...Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats - see Animal; ...4.1006

METABOLISM AND TOXICITY OF ORGANOPHOSPHORUS INSECTICIDES ...Insecticides -nonspecific; Muridae; Pesticide Action on Animals; Pesticides -other; ...4.1025

MALATHION RESIDUES IN POULTRY MEAT AND EGGS ...Feces; Malaoxon; Metabolites From Pesticides; Pesticide Residues Removal; Residues in Foods; ...4.1028

MODE OF ACTION OF INSECTICIDES ...Herbicides and Other Chem; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Action on Plants; Pesticide Residue Analysis; Plant; ...4.1032

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...4.1055

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Chlorobenzilate; Ddvp; Diazinon; Herbicides and Other Chem; Pesticide Action on Animals; Plant; Translocation; ...4.1066

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

METABOLITE FORMATION IN METABOLISM OF TRIAZINE HERBICIDES BY THE ANIMAL ...Capra; Metabolites From Pesticides; Ovis; Pesticide Formulation; Prometone; Radioisotopes -nonspecific; ...4.1096

METABOLISM OF CHLORINATED HYDROCARBON INSECTICIDES IN LIVESTOCK ...Domestic Animals; Gallus Domesticus; Pesticide Action on Animals; Urine; ...4.1097

GASTROINTESTINAL ABSORPTION OF AGRICULTURAL CHEMICALS IN ANIMALS ...Carbon; Domestic Animals; Mca-600; Sevin; ...4.1098

METABOLIC FATE OF PESTICIDES IN ANIMALS ...Capra; Feces; Mca-600; Ovis; Pesticide Application Rates; Urine; ...4.1100

PESTICIDE RESIDUE ANALYSIS, KERRVILLE ...Aerosols - Smokes, Fogs, Steam; Arachnida; Ciodrin; Dursban; Lindane; Pesticide Rates -general; Ronnel; ...4.1124

Microorganism-see Cell. Catab.

AIR STERILIZATION ...Aerosols - Smokes, Fogs, Steam; Air Purification; Food Contamination; General Sanitation Methods; Salmonella -nonspecific & -ot.; Sterilization; ...1.0066

INTERACTION OF RADIO-LABELLED BIOCIDES AND HEAVY METALS WITH MICROBIAL ECOSYSTEMS ...Activated Sludge; Cellular Catabolism-see Degrad; Microorganisms -nonspecific; Pesticide Degradation -see Deg; Pesticides -nonspecific; Radioisotopes -nonspecific; Waste Water Treatment -general; ...2.0666

INTERCEPTION AND DEGRADATION OF PESTICIDES BY AQUATIC ALGAE ...Algae - Cyanophyta; Cellular Catabolism-see Degrad; DDT; Dieldrin; Metabolism of Algacides; Pesticides - see Pesticide; Radioisotopes -nonspecific; ...2.0779

BIODETERIORATION OF NAVY INSECTICIDES IN THE OCEAN ...Cellular Catabolism-see Degrad; DDT; Insecticides - nonspecific; Microorganisms -nonspecific; ...2.0971

EFFECT OF CHEMICAL STRUCTURE ON BIODEGRADABILITY OF ORGANIC MOLECULES ...Analysis and Detection; Biodegradation-see Degradation; Degradation; Organic Water Properties; Water Pollution Sources; ...2.1065

SIGNIFICANCE OF ARTHROBACTER IN ECOLOGY OF WATER AND SOIL ...Arthrobacter; Cellular Catabolism-see Degrad; Dominant Organisms; Moisture; Plant Resistance; Soil Ecology; Soil Microbiology; Water Bacteria; ...2.1136

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Cellular Catabolism-see Degrad; Pesticide Formulation; Pesticide Toxicity to Microorg; Physical Degradation; Soil Chemical Properties; ...4.0019

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

CONSTRUCTION OF PESTICIDES DEGRADABLE BY NORMAL MICROFLORA OF NATURAL WATERS AND SOILS ...Biodegradation-see Degradation; Degradation -see Pesticide Deg; Pesticide Action on Animals; Pesticide Degradation -see Deg; Pesticides -see Pesticide; ...4.0030

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Biological Effects; Cellular Catabolism-see Degrad; DDT; Dieldrin; Lake Michigan; Pesticide Residue Analysis, Pesticide Residues Removal; ...4.0075

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -nonspecific; Surfactants - Wetting Agents; ...4.0093

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam -see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

HERBICIDE EQUILIBRIA OF LATOSOLIC SOIL ...Atrazine; Hawaii; Pesticide Interaction With Env; Soil Chemical Properties; ...4.0101

THE INTERACTION OF MICROORGANISMS AND PESTICIDES ...Cellular Catabolism-see Degrad; Fungicides -nonspecific; Herbicides -nonspecific; Pesticide Degradation -see Deg; Pesticide Interaction -gen.; Soil Fungi -nonspecific; Soil Microbiology; ...4.0140

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics, Triazines -nonspecific; ...4.0143

THE ROLE OF MICROFLORA IN THE PERSISTENCE AND DECOMPOSITION OF PESTICIDE RESIDUES ...Biodegradation-see Degradation; Chlorine; Degradation; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; ...4.0151

MICROBIAL DEGRADATION OF PESTICIDES ...Bacilli -nonspecific; Cyclodiene Cpds. -nonspecific; Dieldrin; Pesticide Persistance in Soils; Pseudomonas; ...4.0198

PESTICIDE RESIDUE METABOLITES ...Caricaceae; Herbicides and Other Chem; Microorganisms -nonspecific; Organophosphorous Cpds.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0299

ECOLOGY AND METABOLISM OF PESTICIDES BY SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Microorganisms -nonspecific; Pesticide Degradation -see Deg; Soil Microbiology; ...4.0365

EPOXIDATION OF CYCLODIENE PESTICIDES BY SOIL BACTERIA ...Cellular Catabolism-see Degrad; Cyclodiene Cpds. -nonspecific; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Bacteria; Texas; ...4.0486

REMOVAL, IN MARKET CHANNELS, OF INSECTICIDE RESIDUES FROM MILK AND MILK PRODUCTS ...Bacillus Cereus; Chemical Analysis; Food Contamination; Physical Models; Streptococcus Lactis; ...4.0626

METABOLISM OF PESTICIDES BY RUMEN MICROBIOTA AND FACTORS INFLUENCING ABSORPTION ...Bacterial Identification; Capra; DDT; Intestinal Bacteria; Pesticide Action on Plants; Petroleum -see Oil; ...4.0668

EFFECT OF PROCESSING PROCEDURE ON MILK PESTICIDE RESIDUES WITH EMPHASIS ON RESIDUE REMOVAL ...Brevibacterium Sp; Cellular Catabolism-see Degrad; DDE; DDT; Geotrichum; Pesticide Residues Removal; Residues in Foods; ...4.0769

THE METABOLIC FATE OF AN ORGANIC PHOSPHATE INSECTICIDE (GS-13005) WHEN FED TO DAIRY CATTLE ...Animal; Domestic Animals; Pesticide Residues; Radioisotopes - nonspecific; ...4.0884

ORGANIC PHOSPHATE RESIDUE IN DAIRY COWS ...Animal; Domestic Animals; Muridae; Pesticide Residues; Sulfoxide; Tissue Accumulation Rates; ...4.0885

THE EFFECT OF PROCESSING ON THE PESTICIDE CONTENT OF DAIRY PRODUCTS ...Chlordan; Food Contamination; Lactobacillus Sp; Physical Models; Staphylococcus Aureus; Thiodan; ...4.0910

PESTICIDAL RESIDUES IN FOODS ...Cobalt; Food Contamination; Home Economics; Pesticide in Food Chains; Residues in Foods; ...4.0951

EFFECTS OF PESTICIDES ON PROTEIN, CARBOHYDRATE, AND NUCLEIC ACID METABOLISM. INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Bacteria - nonspecific; Cellular Biosynthesis; Pesticide Action on Animals; Pesticides -nonspecific; Yeasts -nonspecific; ...4.0961

BIOLOGICAL INTERACTIONS WITH SYSTEMIC FUNGICIDES ...Basidiomycetes; Fungi -nonspecific; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Action on Plants; Plant; Vitavax; ...4.0965

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...4.1055

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoson; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

METABOLISM OF AGRICULTURAL CHEMICALS BY RUMEN MICROORGANISMS ...Bos; Insecticides -nonspecific; Protozoa; Terramycin; ...4.1099

Plant

IMPROVING WATER QUALITY BY REMOVAL OF PESTICIDE POLLUTANTS WITH AQUATIC PLANTS ...Degradation -see Pesticide Deg; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -nonspecific; Radioisotopes -nonspecific; ...2.1118

LIVESTOCK WASTE MANAGEMENT ...Carbamates -nonspecific; Furadan; Organophosphorous Cpds.; Pesticide Residues Removal; Residues in Foods; ...3.0134

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Tissue Accumulation Rates; ...4.0003

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; D, 2,4-; Dichlobenil; Haloragaceae; Metabolites From Pesticides; Pesticide Action on Plants; Simazine; ...4.0004

RESIDUES OF SELECTED PESTICIDES - NATURE, DISTRIBUTION, PERSISTENCE IN PLANTS, ANIMALS & PHYSICAL ENVIRONMENTS ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Monitoring Systems; Pesticide Application Rates; TDE; ...4.0083

CHEMICAL RESEARCH ON INSECTICIDES AND THEIR FORMULATIONS ...Abate; Animal Pests; Carriers -non-liquid; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Residue Analysis; ...4.0146

METABOLITES OF ENDRIN IN SOILS & CROPS ...Chemical Analysis; Chlordan; Dieldrin; Endrin; Heptachlor; Metabolites From Pesticides; Pesticide Degradation -see Deg; ...4.0180

TRANSLOCATION AND DEGRADATION OF HERBICIDES IN PLANTS ...Benefin; Bensulide; Carbon; Diphenamid; Metabolites From Pesticides; Pesticide Action on Plants; Plant Absorption - other; ...4.0188

SOIL AND PLANT INTERACTIONS WITH PESTICIDES ...Cellular Catabolism-see Degrad; Herbicides and Other Chem; Pesticide Action on Plants; Soil Fungi -nonspecific; ...4.0200

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation, Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

DEVELOPMENT OF SAFE & EFFECTIVE MATERIALS FOR MANAGEMENT OF WESTERN FOREST INSECT POPULATIONS ...Aerosols - Smokes, Fogs, Steam; Bioassay; Methomyl; Pesticide Evaluation; Pesticide Residues; Population Dynamics - general; Translocation; ...4.0220

POTENTIAL EFFECTS OF HERBICIDES ON PLANT METABOLITES AND RESIDUES IN CROPS AND SOIL ...Bioassay; Herbicides -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0301

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Simetone; Translocation; Triticum; ...4.0306

FATE OF MALATHION RESIDUES GRAIN SORGHUMS ...Chemical Analysis; Herbicides and Other Chem; Malathion; Pesticide Phytotoxicity; Temperature - Air; Zea Mays - Field Corn; ...4.0319

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Cellular Biosynthesis; Diuron; Herbicides and Other Chem; Nitrogen Metabolism; Pesticide Action on Plants; Photosynthesis; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0340

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF SELECTIVITY OF HERBICIDES ...Absorption (incl. Adsorption); Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Movement in Soils; Physiological Resistance; Translocation; ...4.0345

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Residues in Foods; Vegetables; ...4.0348

TRANSFORMATIONS OF INSECTICIDES BY PLANTS ...Animal Pests; Degradation; Enzymes; Pesticide Residues; Radioisotopes - nonspecific; ...4.0349

EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS ON PLANT GROWTH AND DEVELOPMENT ...Herbicides and Other Chem; Pesticide Action on Plants; Plant Absorption -other; Plant Growth Regulators -ns; Radioisotopes -nonspecific; ...4.0356

PHYSIOLOGY AND BIOCHEMISTRY OF HERBICIDE ACTION, SELECTIVITY, AND DEGRADATION ...Amiben; Bromoxynil; Metabolites From Pesticides; Pesticide Action on Plants; Pesticide Phytotoxicity; Tissue Accumulation Rates; ...4.0363

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Feeds; Solanum; ...4.0435

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Absorption (incl. Adsorption); Captan; Chlorophyll; Dieldrin; Metabolites From Pesticides; Photosynthesis; Respiration; Translocation; ...4.0443

MICROANALYSIS TECHNIQUE TO DETECT HERBICIDES AND THEIR DEGRADATIONS ...Atrazine; Chemical Analysis; D, 2,4-; Pesticide Action on Plants; ...4.0460

TRANSFORMATION OF INSECTICIDES BY PLANTS ...Carbon; Chemical Analysis; Dieldrin; Pesticide Action on Plants; Pesticide in Food Chains; Phaseolus; Sevin; ...4.0467

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. - (1 Or.); Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Propachlor; Translocation; Vegetables; ...4.0528

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Animal Resistance; Bos; Herbicides and Other Chem; Mammals -nonspecific; Pesticide Action on Plants; Pesticide Residues; Sevin; ...4.0860

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Animal; Furadan; Muridae; Pesticide Residues Removal; Residues in Foods; ...4.0932

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Soil Microbiology; ...4.0943

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Paraoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Microbiology; Water Pollutants - Path of; ...4.0947

BIOLOGICAL INTERACTIONS WITH SYSTEMIC FUNGICIDES ...Basidiomycetes; Fungi -nonspecific; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Action on Plants; Vitavax; ...4.0965

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Dichloroaniline; Enzymes; Metabolites From Pesticides; Pesticide Action on Plants; Pesticide Aquatic Cycling; Propanil; ...4.0966

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides - other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

INSECTICIDAL RESIDUES ...Carbon; Diazinon; Medicago; Methoxychlor; Pesticide Application Rates; Pesticide Persistance in Soils; Soil Microbiology; ...4.0985

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Labiatae; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Pesticide Residues; ...4.0994

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

MODE OF ACTION OF INSECTICIDES ...Animal; Herbicides and Other Chem; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Action on Plants; Pesticide Residue Analysis; ...4.1032

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chenopodiaceae; Chlorinated Hydrocarbons; Insecticides -nonspecific; Organophosphorous Cpds.; Rhizosphere; Soil Microbiology; Trifolium; ...4.1043

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...4.1055

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Animal; Chlorobenzilate; Ddvp; Diazinon; Herbicides and Other Chem; Pesticide Action on Animals; Translocation; ...4.1066

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.1075

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Insecticides -nonspecific; Pesticide Absorption Rates; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Pesticide Toxicity -general; Plant Resistance; ...4.1079

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

PEPTIDE HYDROLASES IN PESTICIDE METABOLISM BY PLANTS ...Carbamates -nonspecific; Glycine; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Evaluation; Thiocarbamate -nonspecific; Urea Cpds. -nonspecific; ...4.1093

DEVELOP MICROANALYSES FOR DETECTION OF HERBICIDES AND METABOLITES IN PLANT TISSUE ...Atrazine; Chemical Analysis; D, 2,4-; Diuron; Hydrogen; Pesticide Action on Plants; Phaseolus; ...4.1105

Chemical Degradation

KINETIC STUDIES OF THE OXIDATIVE DEGRADATION OF DETERGENT, AND RELATED CHEMICAL SPECIES IN AQUEOUS SOLUTION ...Biodegradation; Detergents -see Surfactants; Kinetics; Rate of Reaction; Waste Water Degradation; ...2.0171

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes; Mechanism Determination; Pesticides -see Pesticide; Wisconsin; ...2.0065

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Aerosols - Smokes, Fogs, Steam; Climates -general; DDE; Endrin; Monitoring Systems; Pesticide Phytotoxicity; Radioisotopes -nonspecific; ...4.0033

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

DISPOSING OF SURPLUS PESTICIDES AND PESTICIDE CONTAINERS ...Disposal; Herbicides -nonspecific; Insecticides -nonspecific; Nematocides -nonspecific; Pesticide Residues Removal; Waste Type; ...4.0046

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

CHEMISTRY OF PESTICIDES IN SOILS ...Arsenic; Chemical Analysis; Cucumis Sativus; DDT; Pesticide Residue Analysis; Plant Resistance; Zea Mays - Field Corn; ...4.0119

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

FATE OF MALATHION RESIDUES ON GRAIN SORGHUMS ...Bioassay; Degradation; Malathion; Pesticide Evaluation; Pesticide Residues; Radioisotopes -nonspecific; Sorghum; ...4.0318

THE DEGRADATION OF DDT, TDE, AND DIELDRIN IN THE CIGARETTE MAIN-STREAM AND SIDE-STREAM SMOKES ...DDT; Dieldrin; Pesticide Toxicity in Humans; TDE; Tobacco - cigarettes; Toxicology; ...4.0422

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Animal Resistance; Insecticides -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Residues; Sevin; ...4.0922

OXIDATIVE DEALKYLATION OF PESTICIDES ...Bidrin; Dieldrin; Laboratory Animals; Muridae; Phosphamidon; ...4.0958

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazinon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

GASTROINTESTINAL ABSORPTION OF AGRICULTURAL CHEMICALS IN ANIMALS ...Animal; Carbon; Domestic Animals; Mca-600; Sevin; ...4.1098

Physical Degradation

KINETIC STUDIES OF THE OXIDATIVE DEGRADATION OF DETERGENT, AND RELATED CHEMICAL SPECIES IN AQUEOUS SOLUTION ...Biodegradation; Chemical Degradation; Detergents -see Surfactants; Kinetics; Rate of Reaction; Waste Water Degradation; ...2.0171

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Pesticide Formulation; Pesticide Toxicity to Microorg; Soil Chemical Properties, ...4.0019

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of, ...4.0085

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam - see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content, ...4.0097

CHEMISTRY OF PESTICIDES IN SOILS ...Arsenic; Chemical Analysis; Cucumis Sativus; DDT; Pesticide Residue Analysis; Plant Resistance; Zea Mays - Field Corn, ...4.0119

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium, ...4.0212

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Chemical Analysis; Gallus Domesticus; Laboratory Animals; Mammals -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0548

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; DDT; Difolatan; Laboratory Animals; Methoxychlor; Muridae; Pesticide Persistance in Soils; Phaltan; ...4.0556

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Carbamates -nonspecific; DDE; Diazinon; Home Economics; Organophosphorous Cpds.; Pesticide Residues; TDE, ...4.0963

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bioassay; Carbon; Developmental Physiology; Genetic Resistance; Hydrogen; Organophosphorous Cpds.; Pesticide Action on Plants; Pyrethrum, ...4.0999

INDUCED PHOTOLYSIS OF ORGANIC HALIDES PATHWAYS FOR PHOTODECOMPOSITION OF DDT ...DDT; Mechanism Determination; Photolysis, ...4.1010

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazinon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant, ...4.1075

PHOTOLYSIS OF PESTICIDES ...Chemical Analysis; Food Contamination; Metabolites From Pesticides; Pesticides -nonspecific; Residues in Foods, ...4.1101

FATE AND PERSISTENCE OF PESTICIDES AND PHYSIOLOGICALLY ACTIVE DEGRADATION PRODUCTS ...Degradation, Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -nonspecific; Pesticides -see Pesticide; Soil Types -also See Specifics, ...4.1104

Degradation -see Pesticide Deg

ALGAE DEGRADATION IN WATERWAYS ...Algae -nonspecific; Algal Pollutant Sources; Contamination - Water; Environmental Influences; Light, ...2.0043

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Erosion; Rate of Deposition; Sediment Transport; Sedimentation; Streams; Survey Studies (water); ...2.0061

PRIMARY PRODUCTION AND DECOMPOSITION IN ESTUARINE WATER ...Algae - Phaeophyta; Algal Physiology; Carbon; Cellular Catabolism-see Degrad; Estuaries; Marine Plants; Organic Properties, ...2.0102

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines, ...2.0132

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects -see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

DEGRADATION OF RIPARIAN LEAVES AND THE RECYCLING OF RELEASED NUTRIENTS IN A STREAM ECOSYSTEM ...Chemical Water Properties; Ecological Effects; Energy Budgets; Forest Debris; Nutrients; Organic Matter; Physical Water Properties, ...2.0162

WATER QUALITY DEGRADATION BY SEPTIC TANK DRAINAGE ...Maine; Phosphorus and Phosphorus Cpds; Septic Tanks; Water Quality Control -general; ...2.0165

MICROBIAL DEGRADATION OF ORGANIC POLLUTANTS OF INDUSTRIAL ORIGIN ...Bacterial Population Surveys; Industrial Wastes; Pilot Plants; Radioisotopes -nonspecific; Toxic Substances; Waste Water Treatment -general; ...2.0176

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of, ...2.0239

BIODEGRADATION OF OIL SLICKS IN THE MARINE ENVIRONMENT ...Actinomycetes -nonspecific; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Marine Bacteria; Oil; Petroleum Wastes - Spillage; ...2.0240

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Bed Load; Conservation -see Soil Conser.; Erosion; Gully Or Channel Erosion; New Mexico; Sediment Yield; Semi - Arid Regions; Streams; ...2.0255

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties; Contamination - Water; Environmental Influences; Mineral Nutrition; Nutrient Studies -animal; Photosynthesis; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines; ...2.0298

INFLUENCE OF LOG RAFTING ON WATER QUALITY ...Forest Debris; Fresh Water; Lumbering -general; Northwest U. S.; Pulp and Paper Wastes, ...2.0327

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Erosion; Oregon; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Soil Chemical Properties; Surface Active-other; Water Pollutants - Path of, ...2.0330

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Ionic Effect; Sewage; Water Pollution Sources; ...2.0434

ULTRAVIOLET ABSORPTION IN COASTAL WATERS ...Algae - nonspecific; California; Coastlines - Shorelines; Organic Matter; Plant Productivity -general; Ultra Violet Radiation; ...2.0493

STUDIES ON THE METHANOGENIC BACTERIA IN SLUDGE ...Bacterial Classification; Cellular Catabolism-see Degrad; Methane Bacteria -nonspecific; Sewage Bacteria; ...2.0545

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Bacterial Ecology; Cell Injury and Autolysis; Mathematical Models; Nutrients; Rehabilitation -streams -lakes; Sewage; Water Pollution -see Specifics; ...2.0552

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Air - Sea Boundary Studies; Atomic Absorption; Bays; Hawaii; Marine Pollution; Organic Matter; Water Pollutant Identification; ...2.0567

THE IMPACT OF MICROORGANISMS ON OIL ...Bacterial Ecology; Biological Effects; Food Contamination; Louisiana; Ostreidae (oyster); Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0603

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation; Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

STUDIES ON AQUATIC MYXOBACTERIA ...Bacterial Classification; Bacterial Population Surveys; Myxobacteria; Plant Habitat Studies; Water Bacteria; Water Pollution Sources; Water Quality - general; ...2.0748

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Fishing; Land Use; Relief; South Dakota; Water Pollution Sources; Water Supply -general; ...2.0799

TESTING METHODS FOR EVALUATION OF BOTH EFFECTIVENESS AND TOXICITY TO AQUATIC LIFE OF VARIOUS TREATING MATERIALS ...Adsorption; Chemical Treatment

(water); Oil Removal; Pesticide Toxicity -general; Physiological Effects; Surfactants -see Detergents; 2.0045

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES - Adsorption; Aquatic Soils; Chemical Degradation; Environment; Insecticides -nonspecific; Lakes; Mechanism Determination; Pesticides -see Pesticide; Wisconsin; 2.0058

PHYSICAL-CHEMICAL PHENOMENA ASSOCIATED WITH ORGANO-COLLOIDAL SURFACE INTERACTIONS - Adsorption; Calorimetry; Colloidal Phenomena; Organic Matter; Spectrographic Techniques; Water Chemistry; X-ray Diffraction; 2.0086

STUDY OF ASSIMILATIVE CAPACITY OF ARCTIC AND SUBARCTIC STREAMS - Animal Habitat Studies; Optical Properties of Water; Plant Habitat Studies; Sub - Polar Regions; Water Pollution Effects; 2.0959

REAERATION IN OPEN CHANNEL FLOW - Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; 2.0983

AEROBIC, HETEROTROPIC BACTERIA IN ESTUARIES - Adenosine Triphosphate; Anaerobic Bacteria; Bacterial Identification; Heterotrophic Bacteria; Marine Plants; Organic Matter; 2.0995

DEGRADATION OF SEWAGE AND SOIL MICROORGANISMS - Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Escherichia Coli; Marine Plants; Sewage; Soil Bacteria; 2.1041

EFFECT OF CHEMICAL STRUCTURE ON BIODEGRADABILITY OF ORGANIC MOLECULES - Analysis and Detection; Biodegradation-see Degradation; Degradation; Microorganism-see Cell Catab; Organic Water Properties; Water Pollution Sources; 2.1065

MICROBIAL DEGRADATION OF HYDROCARBONS - Bacterial Studies -general; Contamination - Water; North Carolina; Petroleum -see Oil; Water Bacteria; 2.1070

DEGRADATION OF PETROLEUM AND RELATED COMPOUNDS IN THE BIOSPHERE - Bacterial Population Surveys; Cellular Catabolism-see Degrad; Ionic Effect; Marine Plants; Oil; Petroleum -see Oil; Petroleum Research; 2.1071

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS - Aquatic Soils; Coastlines - Shorelines; Marine Biology - General; North Carolina; Petroleum -see Oil; Swamps - Marshes; Water Chemistry; 2.1072

CONCENTRATION OF PHOSPHATES FROM INDUSTRIAL WASTES BY BLUE-GREEN ALGAE - Algae - Cyanophyta; Algal Physiology; Estuaries; Marine Plants; Waste Water Treatment -general; 2.1073

BIOCHEMICAL OXIDATION OF HYDROCARBONS IN NATURAL WATERS - Bacteria -nonspecific; Cellular Catabolism-see Degrad; Organic Matter; Water Purification; 2.1092

IMPROVING WATER QUALITY BY REMOVAL OF PESTICIDE POLLUTANTS WITH AQUATIC PLANTS - Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -nonspecific; Plant, Radioisotopes -nonspecific; 2.1118

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION - Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; 2.1124

MYCOLOGICAL PHENOMENA IN SEWAGE SPREADING BASINS - Activated; Cellular Catabolism-see Degrad; Environmental Factors; Sewage; Soil Bacteria; Soil Microbiology; Waste Disposal on Soils; 2.1185

THE FINITE ELEMENT METHOD IN FLUID MECHANICS - Engineering Mechanics; Fluid Mechanics; Groundwater Movement; 2.1236

BIODEGRADABILITY OF TNT - Biodegradation-see Degradation; Cellular Catabolism-see Degrad; Tnt; Water Chemistry; 2.1293

WATER POLLUTION REDUCTION THROUGH RECOVERY OF DESIZING WASTES - Biochemical Oxygen Demand; Effluents - Waste Water; Industrial Wastes; Textile Industry; Waste Material Recovery; 2.1358

WASTE WATER ODOR REDUCTION MECHANISMS IN SOIL FILTERS - Cellular Physiology; Eng Eff; Filtration; Soil Bacteria; Soil Chemical Properties; Soil Filters; Taste & Odor of Water; Water Quality Control -general; 2.1447

BACTERIOLOGY OF BIODEGRADABLE SURFACTANTS - Bacilli -nonspecific; Bacterial Morphology; Cell Injury and Autolysis; Escherichia Coli; Phenols; Staphylococcus -nonspecific; Surfactants -see Detergents; 2.1492

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM - Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; 2.1590

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS - Algal Physiology; Energy Conversion; Fish; Heat Recovery; Industrial; Induced Temperature; Organic Water Properties; Phytoplankton; Primary Productivity - Plants; 2.1736

MICROBIOLOGY OF FARM PONDS - Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; 2.1776

GREEN BAY RESEARCH PROGRAM - Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; 2.1938

NAVY ENVIRONMENT - BIODEGRADATION OF OIL IN SEAWATER - Biodegradation-see Degradation; Cellular Catabolism-see Degrad; Marine Biology - General; Oil; Oil Removal; Petroleum -see Oil; 3.0019

BIODEGRADATION OF OIL IN SEAWATER FOR NAVAL POLLUTION CONTROL - Cellular Catabolism-see Degrad; Marine Plants; Microorganism -nonspecific; Oil; Petroleum -see Oil; Petroleum Wastes - Spillage; 3.0020

THE ECOLOGY OF THE MICROBIAL POPULATION OF ACTIVATED SLUDGE - Activated; Mechanism Determination; Toxic Substances; Waste Management -see Specific; 3.0021

BIODEGRADABILITY OF ORGANIC COMPOUNDS INCLUDING DETERGENTS, METAL WORKING FLUIDS, ETC. THAT MAY CONTAMINATE WATER - Analysis and Detection; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Fuels; Metal Processing Wastes; Surfactants -see Detergents; Waste Water Degradation; 3.0028

BIOLOGICAL METHANE FORMATION - Bacterial Ecology; Cellular Biosynthesis; Hydrogen Bacteria; Methane Bacteria -nonspecific; Rumen Bacteria; Sulfur Bacteria; 3.0131

KINETICS OF SEWAGE DEGRADATION IN SEA WATER - Marine Pollution; Sewage; Sewage Testing; 3.0171

SOLID AND LIQUID WASTES - TREATMENT - Activated Sludge; Anaerobiosis; Biodegradation-see Degradation; Detergents -see Surfactants; Feces; Poultry -nonspecific; Salmonella -nonspecific & -ot; Waste Disposal on Soils; 3.0220

IMPROVED CAPABILITIES OF BIOLOGICAL SYSTEM TO ASSIMILATE OIL - Activated; Oil Removal; Petroleum Industry; Waste Water Treatment -general; 3.0243

MICROBIOLOGY OF ANAEROBIC SLUDGE - Anaerobic Bacteria; Bacterial Population Surveys; Fermentation; Methane Bacteria -nonspecific; Rate of Reaction; Waste Water Treatment -general; 3.0251

MICROBIOLOGICAL TREATMENT OF POTATO WASTES - Bench Scale; Food Processing Wastes; Plant Waste Removal, Treatment; Waste Water Treatment -general; 3.0286

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES - Allium; Chemical Analysis; Dalapon; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; 4.0014

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES - Ceramics; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; 4.0017

PESTICIDE KINETICS - Bottom Sampling; Degradation; Environment; Accumulation Rates; Marine Biology - General; Pesticide Residues; Pesticides -see Pesticide; Tidewater Areas; Water Standards & Baselines; 4.0024

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS - Ametryn; Computer Methods -general; Contamination - Water; Hawaii; Mathematical Models; Microorganism-see Cell Catab; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; 4.0027

CONSTRUCTION OF PESTICIDES DEGRADABLE BY NORMAL MICROFLORA OF NATURAL WATERS AND SOILS - Biodegradation-see Degradation; Microorganism-see Cell Catab; Pesticide Action on Animals; Pesticide Degradation -see Deg; Pesticides -see Pesticide; 4.0030

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Lake Champlain; Nutrients; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Sediments; Water Bacteria; ...4.0072

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Biological Effects; Cellular Catabolism-see Degrad; DDT; Dieldrin; Lake Michigan; Microorganism-see Cell. Catab.; Pesticide Residue Analysis; Pesticide Residues Removal; ...4.0075

CHLORINATED ORGANIC CONTAMINANTS IN THE MILWAUKEE RIVER ...Analysis and Detection; Bioassays; Lake Michigan; Organic Water Properties; Polychlorinated Biphenyl Cpds.; ...4.0076

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Agricultural Runoff; Drainage; Endrin; Floods; Pesticide Residues; Saccharum; Water Pollutants - Path of; Water Table - Depth of; ...4.0115

RELATIONSHIP OF PESTICIDES IN SOIL, WATER AND PLANTS ...Contamination - Soil; Herbicides -nonspecific; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Microbiology; Water Pollutants - Path of; ...4.0126

INTERACTION OF HERBICIDES AND SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Microorganisms -nonspecific; Pesticide Persistance in Soils; Pesticide Residues Removal; Soil Aeration; Soil Microbiology; ...4.0153

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Forest Litter, Duff & Humus, Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Oregon; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Organic Content; Soil Profile; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

PESTICIDE DETOXICATION MECHANISMS OF MICROORGANISMS IN SOIL AND WATER ...Bacterial Identification; Cellular Catabolism-see Degrad; Maloran; Pesticide Degradation -see Deg; Sevin; Soil Fungi -nonspecific; Soil Microbiology; ...4.0166

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; Water Quality -general; ...4.0192

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Aeration (water); Degradation; Formulations -nonspecific; Herbicides -nonspecific; Metabolites From Pesticides; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; ...4.0518

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Degradation; Insecticides - nonspecific; Pesticide Degradation -see Deg; Pesticide Residues; Pesticides -nonspecific; Texas; ...4.0988

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...4.1055

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

ANALYTICAL METHODS FOR PESTICIDES AND PESTICIDE DEGRADATION PRODUCTS ...Bos; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Sumithion; ...4.1103

Delaware

ECONOMICS OF ENVIRONMENTAL EFFECTS ON SEASONAL HOMES ...Access; Cost-benefit Analysis; Environmental Effects - Human; Landscaping; Methods - Recreation; Recreation, Water Resources; Water Pollution -see Specifics; ...1.0441

DELAWARE ESTUARY SEDIMENTATION STUDY ...Adsorption Capacity; Estuaries; Location; Rate of Deposition; Sand Bars; Sediment Yield; Shoreline Geomorphology; Streams; Supply Rate; ...2.0342

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Plant Waste Removal, Treatment; Solid Waste; Water Costs; Water Resources Development; ...2.1213

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Food Processing Industries; Irrigation; Plant Waste Removal, Treatment; Rain; Vegetables; Water Costs; ...2.1214

ENVIRONMENTAL CONTROL SYSTEM FOR OYSTER FARMING ...Chemical Measurements (water); Circulation (water); Nutrient Studies -animal; Salinity (water); Spawning & Nesting Sites; Temperature (water); ...2.1521

THE EFFECT OF POLLUTION ON THE DISTRIBUTION OF LPP PHYCO-VIRUSES IN RELATION TO POLLUTION OF THE CHRISTINA RIVER ...Acidity (water); Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.1522

WATER RESOURCES MANAGEMENT IN DELAWARE ...Benefit-cost Analysis; Government -see Federal Gov.; Legal Review; Management (water); Water Quality -general; Water Resources Planning; Water Supply -general; ...2.1808

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Delaware River; Effluents - Waste Water; Estuaries; Industrial Wastes; Sedimentation; Waste Disposal-see Solid Waste; Water Resources Development; Water Utilization -general; ...2.1903

Delaware Bay

BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL ...Aerobic Bacteria; Bacterial Pollutant Sources; Forecasting - Prediction; Recreation, Water Resources; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0756

DEEPWATER PILOT PLANT ENGINEERING AND INTERCEPTOR FEASIBILITY STUDY ...Biochemical Oxygen Demand; Dye

Wastes; Industrial Wastes; New Jersey; Pilot Plants; Waste Treatment Economics; ...2.1340

TEMPERATURE REGIMEN IN TIDAL WATERS ...Aquatic Ecology - Animal; Biological Effects; Ecological Effects; Model Studies; Tides; Water Purification; ...2.1644

DELAWARE ESTUARY AND BAY WATER QUALITY SAMPLING AND MATHEMATICAL MODELING PROJECT ...Bays; Estuaries; Mathematical Models; Water Quality -general; Water Standards & Baselines; ...2.1873

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Effluents - Waste Water; Industrial Wastes; Management (water); Potomac River; Systems Analysis - Water Mgmt; Water Costs; Water Quality Control -general; ...2.1905

Delaware River

UPPER DELAWARE WASTE ASSIMILATIVE CAPACITY MODEL ...Acidity (water); Biological Water Properties; New Jersey; Sewage - Domestic; Waste Disposal-see Solid Waste; ...2.0678

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

UPPER DELAWARE RIVER PLANKTON STUDY ...Diatoms (see Also Algae); Environmental Influences; Plankton; Plankton Sampling; Survey Studies (water); Taste & Odor of Water; Water Quality -general; ...2.0755

OXYGEN REGENERATION OF POLLUTED RIVERS ...Aeration (water); Dispersion (water); Economic Efficiency; Water Pollution Abatement; ...2.1058

DEEPWATER PILOT PLANT ENGINEERING AND INTERCEPTOR FEASIBILITY STUDY ...Biochemical Oxygen Demand; Delaware Bay; Dye Wastes; Industrial Wastes, New Jersey; Pilot Plants; Waste Treatment Economics; ...2.1340

TOCKS ISLAND REGION ENVIRONMENTAL STUDY (TIRES) ...Federal Government -see Gov.; Government -see Federal Gov.; Sewer Systems; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1408

ENVIRONMENTAL FACTORS AFFECTING FISHERIES ...Circulation (water); Clupeidae; Environment Resistance-animals; Osteichthyes -other; Pleuronectidae; Spawning & Nesting Sites; Temperature (water); ...2.1642

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

THE ECONOMICS OF WATER SUPPLY AND QUALITY ...Benefit-cost Analysis; Estuaries; River Basins; Water Pollution Abatement; Water Resources Planning; ...2.1847

STUDY OF INSTITUTIONAL ARRANGEMENTS FOR MANAGEMENT OF REGIONAL SEWERAGE PLANS FOR THE TOCKS ISLAND REGION OF THE DELAWARE ...Interstate; Management (water); River Basins; Sewer Systems; State Government; Water Resources Planning; ...2.1884

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Effluents - Waste Water; Estuaries; Industrial Wastes; Sedimentation; Waste Disposal-see Solid Waste; Water Resources Development; Water Utilization -general; ...2.1903

Deltas

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Erosion; Rate of Deposition; Sediment Transport; Sedimentation; Streams; Survey Studies (water); ...2.0061

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Biological Effects; Centrarchidae; Cyprinidae; Flood Control Planning; Osteichthyes -other; Turbidity (water); ...2.1484

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Recreation, Water Resources; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control - general; ...4.0036

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Electrical Properties; Marine Biology - General; Marine Environments; Radioactive Isotopes; Temperature; Trace Elements; Xray Diffraction; ...5.0068

Demineralization

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY REVERSE OSMOSIS ...Carbon Filters; Chemical Oxygen Demand; Effluents - Waste Water; Fouling; Reverse Osmosis; Tertiary Treatment; ...2.0879

WATER SUPPLIES ...Chemical Water Properties; Chlorination; Disinfectants; Filtration; Iowa; Turbidity (water); Water Quality - general; Water Utilization -domestic; ...2.0895

FOAM SEPARATION FLOTATION OF COLLOID ORGANIC SYSTEMS ...Chelation & Complexing; Fluid Mechanics; Mineralogical Water Properties; Process Design; Surfactants -see Detergents; Waste Water Treatment -general; ...2.0899

CARTRIDGE FILTRATION FOR IRON AND MANGANESE REMOVAL ...Coagulation; Filtration; Groundwater; Ion Exchange; Oxidation; Pollutant Removal; ...2.0939

CHEMISTRY OF HYDROSOLIC METALS IN NATURAL WATER ...Aeration (water); Geochemical Analysis (water); Oxidation; Precipitation; Water Chemistry; Water Supply -general; ...2.0968

CORROSION AND ENCRUSTATION MECHANISMS IN WATER SUPPLIES ...Corrosion, Deterioration; Mineralization; Oxidation; Thermodynamics; Water Wells; ...2.0991

DEMINERALIZATION OF WASTEWATER BY THE TRANSPORT-DEPLETION PROCESS ...Electrodialysis; Process Design; Waste Management -see Specific; Waste Water Treatment - general; ...2.1144

WATER AND WASTE WATER PURIFICATION ...Australia; Desalination; Ion Exchange; Pilot Plant Design; Waste Water Treatment -general; ...2.1161

INDUSTRIAL COMPLEX OF AL KHARDJ ...Cooling Towers; Flash Evaporation; Ion Exchange; Waste Management -see Specific; ...2.1230

ABSORPTION OF CHROMIUM BY CLAYS ...Activation Analysis; Adsorption; Metal Processing Wastes; Ore Deposits; Waste Material Recovery; Waste Treatment; Waste Water Treatment - general; ...2.1233

REMOVAL OF PHOSPHATES BY SORPTION ON ACTIVATED ALUMINA ...Adsorption; Alum Waste Water Treatment; Potable Water; Tertiary Treatment; Waste Material Recovery; Water Chemistry; ...2.1326

COLOR AND MINERAL REMOVAL FROM KRAFT BLEACH WASTES ...Color (water); Lime Treatment; Pulp and Paper Wastes; Waste Treatment Economics; ...2.1330

CONTROL OF MINERAL CONSTITUENTS IN WASTE WATER BY ELECTRODIALYSIS ...Electrodialysis; Mineralogical Water Properties; Pilot Plants; Solid Waste; Waste Water Treatment - general; ...2.1364

DISSOLVED INORGANIC REMOVAL--SELECTIVE ION AND ORGANIC REMOVAL BY ION EXCHANGE RESINS ...Ion Exchange; Nutrients; Organics; Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general; ...2.1366

REMOVAL OF TRACE METALS FROM WATER BY ION FLOTATION ...Foam; Mineralization; Surfactants -see Detergents; Waste Management -see Specific; ...2.1374

ELECTRODIALYSIS TREATMENT OF SECONDARY EFFLUENT ...Fluid Mechanics; Pilot Plants; Waste Water Treatment -general; Water Reuse; ...2.1380

SINGLE STAGE LIME TREATMENT OF WASTEWATER ...Flocculation; Lime Treatment; Tertiary Treatment; Turbidity; Waste Water Treatment -general; ...2.1381

MICROBIOLOGICAL REMOVAL OF IRON FROM MINE DRAINAGE WATERS ...Acid Mine Wastes; Mine Drainage Control; Oxidation; Reduction Reactions; Waste Water Treatment - general; ...2.1384

Demography

FOR SEMINARS AND STUDIES ON ENVIRONMENTAL ARTS AND SCIENCES, POPULATION GROWTH, URBANIZATION, POLLUTION, AND RELATED SUBJECTS ...Air Pollution -see Specifics; Environment; Environmental Geology; Technology - Social Impact; Urban Research; Water Quality -general; ...1.0478

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Forecasting - Prediction; Land Use; New Jersey; River Basins; Urban Environment; Urban Research; Water Pollution Sources; Water Utilization -domestic; ...2.0251

NETWORK EVALUATION OF WASTEWATER COLLECTION ECONOMICS ...Benefit-cost Analysis; Cost-benefit Analysis; Public Utilities; Pumps; Social Aspects; Urban Research -general; ...2.1820

COMPILATION OF READINGS AND CASE MATERIALS ON TECHNOLOGY ASSESSMENT ...Air Pollution -see Specifics; Government -see Federal Gov.; Noise; Public Health; Solid Waste; Technology - Social Impact; Water Pollution -see Specifics; ...3.0048

ILLINOIS CONSUMERS' REACTION TO USE OF PEST CONTROL ON AGRICULTURAL PRODUCTS ...Attitudes & Attitude Change; Consumer Attitudes- Pesticides; Home Economics; Illinois; Pesticide Toxicity in Humans; Pesticides -nonspecific; Residues in Foods; ...4.0303

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - POPULATION STUDIES ...Atomic Bomb; Nuclear Warfare; Radiation Effects - Biological; X and Gamma Rays; ...5.0228

AREA PROGRAM IN POPULATION GENETICS ...Atomic Bomb; Brazil; Computer Methods -general; Japan; Population - Growth; Venezuela; ...5.0403

INTRAMETROPOLITAN RESIDENTIAL MOBILITY ...Air Pollution; California; Environmental Hazards; Floods; Noise; Social Aspects; ...6.0068

Denitrification -see Nitrogen

DYNAMICS OF THE NITROGEN CYCLE IN LAKES ...Algal Physiology; Analysis and Detection; Eutrophication; Hydrogen; Nitrogen and Nitrogen Cpds.; Nitrogen Cycle -see Denitrif.; Plant Productivity -general; Sub - Polar Regions; ...2.0009

EUTROPHICATION - REMOVAL OF NUTRIENTS - SHAGAWA LAKE ...Algal Pollutant Sources; Eutrophication; Minnesota; Pilot Plants; Trickling Filters; Water Standards & Baselines; ...2.0203

TESTS OF EFFICIENCY OF CHANGES IN FILTER DESIGN AND FILTER MEDIA ...Captive Rearing; Filtration; Water Reuse; ...2.0838

DILUTE SOLUTION REACTIONS OF NITRATE ION AS APPLIED TO WATER RECLAMATION ...Degradation; Literature Search; Reduction Reactions; ...2.0876

NITROGEN REMOVAL AND IDENTIFICATION FOR WATER QUALITY CONTROL ...Analysis and Detection; Chemical Analysis (water); Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; Ultrasonics; ...2.0956

REMOVAL OF NUTRIENTS FROM ENRICHED FLOWS & WASTE EFFLUENTS BY THE HYDROPONIC CULTURE OF SUITABLE FORAGE PLANTS & GRASSES ...Benefit-cost Analysis; Economic Feasibility; Effluents - Waste Water; Nutrients; Waste Treatment Economics; Waste Water Treatment -general; ...2.1081

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Algae -nonspecific; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Pilot Plants; Process Design; Turbidity (water); Waste Water Treatment -general; ...2.1170

TERTIARY TREATMENT IN THE PURIFICATION OF WASTE WATER ...Activated Sludge; Alum Waste Water Treatment; Ocean; Septic Tanks; Trickling Filters; Waste Water Treatment - general; ...2.1180

BIOLOGICAL REMOVAL OF NITRATE ION ON BEDS OF ACTIVATED CARBON OR SAND ...Nitrogen and Nitrogen Cpds.; Sand Filters; Waste Water Treatment -general; ...2.1186

BOD, SOLIDS AND NUTRIENT REMOVAL FROM SECONDARY EFFLUENT BY FOAM FRACTIONATION ...Biochemical Oxygen Demand; California; Foam; Pilot Plants; Recycle Water; ...2.1193

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Alum Waste Water Treatment; Chlorination; Disinfection; Electrical Phenomena; Fluid Mechanics; Pilot Plants; Tertiary Treatment; Waste Water Treatment -general; ...2.1221

NUTRIENT REMOVAL IN A WATER TREATMENT PLANT ...Biochemical Oxygen Demand; Coagulation; Flocculation; Nutrients; Sand Filters; ...2.1252

REMOVAL OF ORGANIC AND EUTROPHYING POLLUTANTS BY COMBINED CHEMICAL AND BIOLOGICAL TREATMENT ...Biological Treatment-general; Chemical Treatment - general; Eutrophication; Nitrogen and Nitrogen Cpds.; Organics; Sewage - Domestic; Waste Management -see Specific; ...2.1268

SELECTIVE NITRATE AND PHOSPHATE REMOVAL ...Bench Scale; Ion Exchange; Ion Selective Membranes; Waste Treatment; Waste Treatment Economics; ...2.1300

PILOT-SCALE STUDY OF IMPROVED PHOSPHATE REMOVAL BY MODIFIED ACTIVATED SLUDGE PROCESS ...Activated Sludge; Burning; Dewatering; Lakes; Pilot Plants; Thickening; Waste Water Treatment -general; ...2.1302

NITRIFICATION AND DENITRIFICATION OF WASTE WATER ...Activated Sludge; Farm Animal Wastes; Pilot Plants; Sewage - Domestic; ...2.1312

A NEW APPROACH FOR WATER RECLAMATION - COMPLETE TREATMENT OF WASTE WATER BY PHYSICO-CHEMICAL PROCESSES ...Bacteria; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Waste Water Treatment -general; ...2.1324

REMOVAL OF BOD AND NUTRIENTS BY BIOLOGICAL SLIMES ...Air; Biochemical Oxygen Demand; Organics; Pilot Plants; Sewage - Domestic; ...2.1338

TERTIARY TREATMENT OF ANIMAL WASTE WATERS ...Aerobic Waste Water Treatment; Bos; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1346

PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PLANT ...Activated Sludge; Aeration (water); Alum Waste Water Treatment; Precipitation; Sewage - Domestic; ...2.1351

PROCESS DEVELOPMENT FOR REMOVAL OF NUTRIENT MATERIALS FROM WASTEWATERS ...Activated Sludge; Additives; Anaerobic Wastewater Treatment; Effluent-standards; Pollutant Removal; Waste Water Treatment -general; ...2.1363

REMOVAL OF NITROGEN COMPOUNDS FROM MUNICIPAL WASTEWATER ...Aeration; Biochemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Pilot Plants; Urban Environment; Waste Water Treatment -general; ...2.1367

REMOVAL OF NITROGENOUS COMPOUNDS FROM A FERTILIZER PLANT EFFLUENT USING A MODIFIED OPERATION OF CONVENTIONAL WASTE TREATMENT SYSTEMS ...Aeration (water); Ion Exchange; Precipitation; Trickling Filters; ...2.1417

PHOSPHORUS REMOVAL AND DISPOSAL FROM MUNICIPAL WASTEWATER ...Sewage - Domestic; Waste Disposal-see Solid Waste; Waste Treatment Economics; ...2.1429

APPLICATION OF SEWAGE SLUDGE TO FIELD CROPS ...Denitrification; Disposal; Microorganisms -nonspecific; Sewage; Waste Digestion; ...2.1548

MICROBIOLOGY OF SLUDGE - DNA ANALYSIS AND N2 REMOVAL ...Activated; Cellular Viability; Hyperthermal; Nitrogen and Nitrogen Cpds.; ...3.0207

REMOVAL OF BOD AND NUTRIENTS BY BIOLOGICAL SLIMES ...Bacterial Morphology; Biochemical Oxygen Demand; Sewage; Sewage Bacteria; ...3.0224

CHEMICAL-PHYSICAL WASTE TREATMENT PLANT DEMONSTRATION ...Carbon Filters; Hydrolysis, Esterification; Phosphorus and Phosphorus Cpds; Virus; Water Reuse; ...3.0227

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Chemical Oxygen Demand; Effluents - Waste Water; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

Densitometer

INTERACTION OF WATER WITH ORGANIC SPECIES ...Constants; Density; Functions and Properties; Thermal Properties; Waste Water Treatment -general; ...2.1235

THE CHARACTERIZATION OF SOLUBLE PHOSPHORUS COMPOUNDS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Activated Sludge; Hydrolysis, Esterification; Sewage - Domestic; Tertiary Treatment; Thin Layer Chromatography; ...2.1303

Density

NUCLEAR METHODS OF ANALYSIS ...Activation Analysis; Coal Research; Desulfurization; Fluid Mechanics; Pilot Plants; ...1.0857

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Animal Productivity; Dystrophic Lakes; Nutrients; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Productivity -general; Stratification (water); ...2.0195

THE ROLE OF MIXING IN MAINTAINING STRATIFIED FLOW ...Effluents - Waste Water; Model Studies; Outlets; Stratification (water); Water Quality Control -general; ...2.0206

POWER PRODUCTION ...Atomic Plants; Chemical Effects; Effluents - Waste Water; Energy Conversion; Mathematical Models; Reservoirs and Impoundments; Thermal Pollution; ...2.0337

HYDROGRAPHY OF THE PENOBSCOT RIVER ESTUARY ...Dissolved Load; Environmental Changes; Estuaries; Maine; Salinity (water); Soil Tillage; Water Pollution Abatement; ...2.0607

INDUCED AIR MIXING OF LARGE BODIES OF POLLUTED WATER ...Acidity (water); Industrial Wastes; Mathematical Models; Reservoirs and Impoundments; ...2.1031

DIFFUSION OF THERMALLY BUOYANT WATER JETS INTO A MOVING WATER STREAM ...Diffusion; Fluid Mechanics; Streams; Thermal Pollution; Water Temperature Recorders; ...2.1093

DISCHARGE OF NEGATIVELY BUOYANT FLUIDS ...Data Networks; Energy Conversion; Fluid Mechanics; Mathematical Models; Stratification (water); ...2.1101

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Recharge; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

INTERACTION OF WATER WITH ORGANIC SPECIES ...Constants; Densitometer; Functions and Properties; Thermal Properties; Waste Water Treatment -general; ...2.1235

PHYSICAL FACTORS AFFECTING OREGON COASTAL POLLUTION ...Circulation (water); Marine Environments; Oregon; Tides; ...2.1683

CARBONIZATION OF MUNCIPAL AND INDUSTRIAL WASTE ...Chemical Analysis -general; Pilot Plants; Sewage - Domestic; Thermal Decomposition; Waste Material Recovery; ...3.0039

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

Depolymerization

THE EFFECTS OF ATMOSPHERIC CONTAMINANTS ON THE DURABILITY OF BUILDING MATERIALS ...Air Pollution; Coatings -see Materials; Corrosion, Deterioration; Coulometry; Inspection and Control; Plastics; ...1.0339

ENVIRONMENTAL POLLUTION TOXICOLOGY OF AIR FORCE MATERIALS ...Air Pollution; Contamination -see Air & Water; Degradation; Environment; Propellants; ...1.0411

RENOVATION OF MUNICIPAL WASTEWATER BY REVERSE OSMOSIS SYSTEMS ...Membranes; Model Studies; Process Design; Reverse Osmosis; Urban Environment; ...2.1175

Depth (water)

INVESTIGATION OF PRESENT THERMAL REGIME OF MISSOURI RIVER IN MISSOURI ...Aircraft Remote Sensing; Energy Conversion; Infrared Radiation; Missouri River; Thermal Pollution; Water Temperature Recorders; ...2.0227

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Fish; Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

EVALUATION OF WETLAND IMPOUNDMENTS ON STATE-OWNED WILDLIFE AREAS ...Amphibious Plants; Demand and Use -recreation; Management (water); Recreation, Water Resources; Submerged Plants; Water Depth, Water Levels; Wetlands; Wildlife -nonspecific; ...2.0435

MULTIPLICATION OF CLOSTRIDIUM BOTULINUM TYPE E IN THE GREAT LAKES ...Aquatic Plants -nonspecific; Bacterial Exotoxins; Bottom Sampling; Plant Freshwater Ecology; Wisconsin; ...2.0452

SEDIMENTARY FACIES IN LAKE BUTTE DES MORTS, WISCONSIN ...Drilling and Coring; Eutrophication; Mineralogical Properties; Organic Properties; Size; Wisconsin; ...2.0458

AREA DESCRIPTIONS OF ALABAMA'S ESTUARIES ...Alabama; Benthic Organisms -nonspecific; Data Reduction and Analysis; Effluents - Waste Water; Physical Water Properties; ...2.0462

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

CORRELATED STUDIES OF VANCOUVER LAKE--WATER QUALITY PREDICTION STUDY ...Columbia River; Dredging; Lakes; Model Studies; Organic Matter; Sediments; Water Quality Control -general; ...2.0840

MIXING AND DISPERSION OF CONTAMINANTS IN RESERVOIRS ...Currents (water); Dispersion (water); Lakes; Texas; Water Pollutants - Path of; ...2.1108

DEFINITION OF THE MIXING ZONE FOR WASTE EFFLUENT DISCHARGED INTO SURFACE WATERS ...Aerial Photography -see Photo.; Dispersion (water); Effluents - Waste Water; Energy Conversion; Model Studies; Physical Models; Water Pollutants - Path of; ...2.1460

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Arkansas; Copepoda; Environmental Ecology; Micropterus Dolomieui; Pathology; Recreation, Outdoor; Water Depth, Water Levels; ...2.1481

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Core Analysis; Fish and Shellfish; Lumbering -general; Pulp and Paper Wastes; Sedimentation; Temperature (water); Water Pollution Effects; ...2.1496

WATER TEMPERATURE AS A QUALITY FACTOR IN THE USE OF STREAMS AND RESERVOIRS ...Animal Habitat Studies; Dispersion (water); Meteorological Studies; Temperature (water); Thermal Pollution; Water Pollution Sources; ...2.1514

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Induced Temperature; Marine Plants; Population Dynamics -general; Thermal Pollution; ...2.1532

IMPLEMENTATION OF HABITAT ALTERATIONS ...Amphibious Plants; Animal Succession; Environmental Ecology; Lakes; Population Dynamics -general; Water Depth, Water Levels; ...2.1534

HIGH ANALYSIS FERTILIZER INVESTIGATIONS - FISHERIES ...Aquatic Ecology - Animal; Fertilizers -aquatic; Nutrients; Tennessee; ...2.1718

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Currents (water); Engineering Structures-general; Mapping; Shoreline Geomorphology; Structural Mechanics; Surveying; Utah; Waves -see Ocean Waves; ...2.1738

Desalination

BRACKISH WATER PURIFICATION BY BIOLOGICAL FUEL CELL POWERED ELECTRODIALYSIS ...Brackish Water; Effluents - Waste Water; Electrodialysis; Microorganisms -nonspecific; Salt Water; Water Costs; ...2.0917

EVALUATION OF PUMPING EFFECTS IN MALAGA BEND AREA, NEW MEXICO ...Aquifers; Brines; New Mexico; Saline Water Intrusion; Seepage (water); Water Table; ...2.0920

Desalination

A UNIFIED APPROACH TO WATER, FOOD AND POWER IN A COASTAL DESERT COMMUNITY ...Arid and Desert Regions; Auto Exhaust -see Air Poll.; Electric Power Plants; Humidity; Mexico; Temperature - Air; ...2.1157

WATER AND WASTE WATER PURIFICATION ...Australia; Demineralization; Ion Exchange; Pilot Plant Design; Waste Water Treatment -general; ...2.1161

METAL REMOVAL/RECOVERY FROM POLLUTED WATER BY COMPLEXATION WITH LINEAR POLYELECTROLYTES ...Chelation & Complexing; Chemical Treatment (water); Industrial Wastes; Plastics; Waste Material Recovery, Zinc; ...2.1352

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Electrodialysis; Irrigation; Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1804

Cost Analysis

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Desalination; Electrodialysis; Irrigation; Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1804

Demineralization

WATER AND WASTE WATER PURIFICATION ...Australia; Demineralization; Desalination; Ion Exchange; Pilot Plant Design; Waste Water Treatment -general; ...2.1161

Electrochemical

Electrodialysis

BRACKISH WATER PURIFICATION BY BIOLOGICAL FUEL CELL POWERED ELECTRODIALYSIS ...Brackish Water; Desalination; Effluents - Waste Water; Microorganisms -nonspecific; Salt Water; Water Costs; ...2.0917

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Desalination; Irrigation; Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1804

Evaporation

Multistage Flash Evaporation

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Desalination; Electrodialysis; Irrigation; Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1804

Ion Exchange

WATER AND WASTE WATER PURIFICATION ...Australia; Demineralization; Desalination; Pilot Plant Design; Waste Water Treatment -general; ...2.1161

DISPOSAL OF BRINE EFFLUENTS BY CONVERSION TO BY-PRODUCTS ...Brines; Desalination Wastes; Material Recovery; ...3.0362

Material Recovery

DISPOSAL OF BRINE EFFLUENTS BY CONVERSION TO BY-PRODUCTS ...Brines; Desalination Wastes; Ion Exchange; ...3.0362

Membrane

Permeability

HIGH FLUX RO MEMBRANE WITH SALT REJECTION PROPERTIES ...Field Water Purification; Reverse Osmosis; ...2.0952

Pilot Plant Design

WATER AND WASTE WATER PURIFICATION ...Australia; Demineralization; Desalination; Ion Exchange; Waste Water Treatment -general; ...2.1161

Reverse Osmosis

HIGH FLUX RO MEMBRANE WITH SALT REJECTION PROPERTIES ...Field Water Purification; Permeability; ...2.0952

Desalination Wastes

STUDY OF KEY WEST DESALTING PLANT EFFLUENT ...Alkalinity (water); Contamination - Water; Florida; Physical Effects; Salinity (water); ...2.0053

BRACKISH WATER PURIFICATION BY BIOLOGICAL FUEL CELL POWERED ELECTRODIALYSIS ...Brackish Water; Desalination; Effluents - Waste Water; Electrodialysis; Microorganisms -nonspecific; Salt Water; Water Costs; ...2.0917

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

RECOVERY OF CHEMICALS AS A MEANS OF BRINE DISPOSAL ...Brines; Process Design; Waste Material Recovery; Waste Treatment Economics; ...3.0074

DISPOSAL OF BRINE EFFLUENTS BY CONVERSION TO BY-PRODUCTS ...Brines; Ion Exchange; Material Recovery; ...3.0362

Design Criteria

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

TRANSPORT OF SOLID SUSPENSION IN CONDUITS ...Fluid Mechanics; Pipe; Pipes; Sewer Systems; Solid Waste; ...2.1087

THE MECHANICS OF SEDIMENT REMOVAL FROM ALLUVIAL STREAMS ...Fluid Mechanics; Flume Studies; Mathematical Models; Sedimentation; Water Control Works -general; ...2.1280

Destratification

WATER QUALITY MANAGEMENT OF IMPOUNDMENTS ...Aeration (water); Engineering Structures-general; Eutrophication; Lakes; Management (water); North Carolina; Reservoirs and Impoundments; ...2.0287

EUROPHICATION - PHYSICAL ECOLOGICAL CONTROL ...Algae -nonspecific; Chemical Water Properties; Cultural Control; Environmental Influences; Eutrophication; Physical Water Properties; Stratification (water); Water Quality Control -general; ...2.0334

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition; Carbon; Forecasting - Prediction; Lakes; Mathematical Models; Primary Productivity - Plants; Rate Meters; ...2.0612

HYDROLOGY OF CACHUMA RESERVOIR ...Aeration (water); California; Oxygen Content (water); Plant Population Dynamics - gen; Soil Tillage; Taste & Odor of Water; Water Quality -general; Water Utilization -domestic; ...2.0878

BEHAVIOR AND CONTROL OF CONTAMINANTS IN SURFACE WATERS ...Public Utilities; Reservoirs and Impoundments; Thermal Pollution; Water Pollutant Identification; Water Resources Protection; ...2.0928

BOUNDARY EFFECTS ON JET FLOW PATTERNS RELATED TO WATER QUALITY AND POLLUTION PROBLEMS ...Flow Characteristics (water); Fluid Mechanics; Water Quality Control - general; ...2.1010

REVERSAL OF EUTROPHICATION THROUGH ARTIFICIAL AERATION OF LAKES ...Aeration (water); Benthic Fauna; Eutrophic Lakes; Michigan; Phosphorus and Phosphorus Cpus; Primary Productivity - Plants; Vertical Distribution; ...2.1045

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication, Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Biological Water Properties; Circulation (water); Ecolog-

ical Effects; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plant Freshwater Ecology; Soil Tillage; Water Properties -general; ...2.1494

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Biological Water Properties; Flow Characteristics (water); Model Studies; Physical Water Properties; Reservoirs and Impoundments; Tennessee; Water Quality Control -general; Water Supply - general; ...2.1713

Detectors and Sensors

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aircraft; Aviation Medicine; Military Personnel; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Tobacco -cigars; Toxic Substances; ...1.0194

APPLICATIONS OF CRYOGENIC TECHNIQUES TO PROBLEMS IN AIR POLLUTION ...Air Pollution Monitoring; Atomic Plants; Combustion; Gases; Nuclear Reactor; Temperature Effects; ...1.0624

A NEW DETECTOR FOR CARBON MONOXIDE IN AIR ...Air Pollution-chemistry; Chemical Analysis -general; Inorganic Gases; ...1.0665

DEFINE AND DEVELOP UNIFORM PROCEDURES FOR MEASURING PERFORMANCE EVALUATION PROCEDURES FOR CONTINUOUS ATMOSPHERIC ANALYZERS ...Absorption - Chemistry; Air Pollution Analysis; Air Pollution-chemistry; Gases; Instrument Services; Nitrogen and Nitrogen Cpds.; Oxidants; ...1.0671

USE OF SOLID-STATE DETECTORS FOR DETECTING ALPHA PARTICLE TRACKS - APPLICATION TO MEASUREMENT OF AIRBORNE CONTAMINATION ...Air Pollution Analysis; Air Pollution-chemistry; Radiochemical Analysis; ...1.0698

NEW ANALYTICAL METHODS FOR SULFUR DIOXIDE ...Adsorption; Air Pollution-chemistry; Spectrographic Techniques; Trace Analysis; Waste Material Recovery; ...1.0706

USE OF SOLID STATE DETECTORS IN AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Electrical Phenomena; Lead; Nitrogen and Nitrogen Cpds.; Trace Analysis; ...1.0709

PORTABLE TOXIC VAPOR DETECTOR ...Chemical Mechanisms & Kinetics; Electronic Detection, Tracking; Propellants; Solid State Engineering; ...1.0711

FEASIBILITY OF RAMAN SCATTER TECHNIQUE FOR REMOTE MONITORING OF NO AND SO2 IN STACK EMISSIONS ...Air Pollution-chemistry; Combustion; Nitrogen and Nitrogen Cpds.; ...1.0718

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution Control Systems; Air Pollution-chemistry; Chemical Analysis - general; Combustion; Energy Conversion; Engines; Inorganic Gases; Radiometric Analysis; ...1.0721

GENERATION AND DECAY OF SMALL IONS ...Aerosols; Air Pollution-chemistry; Coagulation; Electroanalyses; Heat Transmission; Oxidation; Photochemical Reactions; ...1.0731

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Analysis; Air Pollution Monitoring; Combustion; Combustion Air Pollution-gen; Energy Conversion; Heat Balance - Budget; Power Plants; Urban Research -general; ...1.0735

INFRARED REMOTE SENSING OF AIR POLLUTANTS AND FOREST FIRES ...Air Pollution Monitoring; Gases; Infrared Spectroscopy; Radiochemical Analysis; ...1.0742

DEVELOPMENT AND TESTING OF A FLAME PHOTOMETRIC DETECTOR DESIGNED TO MEASURE OXIDES OF NITROGEN ...Air Pollution-chemistry; Emission Spectroscopy, Nitrogen and Nitrogen Cpds.; ...1.0806

FRABRICATION AND EVALUATION OF A PORTABLE FLAME PHOTOMETRIC DETECTOR DESIGNED TO MEASURE SO2 AND NOX IN STACK PLUMES ...Air Pollution-chemistry; Combustion; Emission Spectroscopy; Nitrogen and Nitrogen Cpds.; ...1.0807

DEVELOPMENT OF A WORKING MODEL FOR MEASUREMENT OF SULFUR DIOXIDE IN STACK GASES ...Combustion; Mercury; Radiation Instruments; Radioactive Isotopes; Scintillation Counting; Sulfur Dioxide Removal; X and Gamma Rays; ...1.0834

MICROANALYTICAL METHODS FOR AIR FORCE MATERIALS IN TOXICOLOGICAL AND ENVIRONMENTAL POLLUTION INVESTIGATION ...Air Pollution-chemistry; Propellants; Toxicology; Trace Analysis; ...1.0835

DEVELOPMENT OF A MULTICOMPONENT DEVICE FOR 24-HOUR CUMULATIVE MEASUREMENTS OF SO2 AND NOX ...Electroanalyses; Energy Conversion; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0838

IONIZATION METHODS OF GAS ANALYSIS ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Inorganic Gases; Instrument Services; Solid State Engineering; ...1.0847

DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR THE MEASUREMENT OF TRACE CONTAMINANTS IN AIR FORCE MANNED WEAPON SYSTEMS ...Aviation Medicine; Controlled Atmosphere; Electron Spectroscopy; Military Personnel; Respiratory Irritants, Inhaled; Trace Analysis; ...1.0848

AIR POLLUTION SENSING ...Air Pollution Monitoring; Air Pollution-chemistry; Aircraft Remote Sensing; Gases; Infrared Radiation; Spacecraft Sensory Devices; Urban Research -general; ...1.0851

NUCLEAR METHODS OF ANALYSIS . Activation Analysis; Coal Research; Desulfurization; Fluid Mechanics; Pilot Plants; ...1.0857

CHEMICAL AND SPECTROSCOPIC INVESTIGATION OF AIR POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Light Visible Specroscopy; Ultraviolet Spectroscopy; . 1.0868

SINGLET MOLECULAR OXYGEN - OXIDATION IN POLLUTED AIR . Air Pollution -see Specifics; Atmospheric Dynamics; Infrared Spectroscopy; Photosensitizer; Spectrographic Techniques; ...1.0870

BENTHAL SULFIDE RELEASE IN AQUATIC SYSTEMS ...Aquatic Soils; Chemical Analysis -general; Marine Environments; Oregon; Tidewater Areas; ...2.0317

DATA ACQUISITION SYSTEMS IN WATER QUALITY MANAGEMENT ...Aircraft Remote Sensing; Colorado; Data Acquisition; Regional Or State Studies; Water Chemistry; Water Standards & Baselines; ...2.0519

ANALYSIS OF SOLUTIONS FOR SURFACE-ACTIVE CONSTITUENTS ...Absorption - Chemistry; Adsorption; Chemical Analysis (water); Electrochemistry; Surfactants -see Detergents; ...2.0598

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Detergents -see Surfactants; Industrial Wastes; Lasers and Masers; Mass Spectroscopy; Pesticides -see Pesticide; Petroleum Research; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

NATURE OF EXOTIC SUBSTANCES IN SURFACE WATERS AND IMPLICATIONS AS WATER SUPPLY CONTAMINANTS ...Arthropods; Atomic Absorption; Emission Spectroscopy; Gas Chromatography; Periphyton; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0706

TEMPERATURE INCREASES BELOW DAMS ...Dams -general; Dyes; Fluorometry; Meteorologic Instruments -gen.; Thermal Pollution; ...2.0806

ION SELECTIVE ELECTROCHEMICAL SENSORS ...Brackish Water; Electrochemistry; Salt Water; Water Pollutant Identification; ...2.0820

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

WASTE TREATMENT AND ANALYSIS FOR THE CITY OF MACON, GEORGIA ...Activated Sludge; Disposal; Industrial Wastes; Pilot Plants; Pulp and Paper Wastes; Urban Environment; ...2.1234

UNIT OPERATIONS STUDIES - WHITE PHOSPHORUS AND WASTE CONTROL ...Chemical Manufacturing Wastes; Effluent-standards; Leakage; Phosphorus and Phosphorus Cpds; ...3.0027

SENSORS FOR CONTROLLING THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Economic Efficiency; Effluents - Waste Water; Georgia; Waste Treatment Economics; ...3.0116

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Burial; Cooperative Studies; Ecological Effects; Estuaries; Marine Biology - General; Marine Environments; Radioactive Fallout; Water Pollution Sources; ...5.0059

CHROMATOGRAPHIC SEPARATION OF URANIUM AND PLUTONIUM FROM REPROCESSING PLANT LIQUID WASTE ...Chromatography; Energy Conversion; Nuclear Radiation; Photometry; Radioactive Isotopes; Safety Design - Radioisotopes; Waste Management -see Specific; ...5.0080

PULSE RADIOLYSIS OF NUCLEIC ACID DERIVATIVES ...Chemical Mechanisms & Kinetics; Ionizing Radiation -see Rad.; Mechanism Determination; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiolysis; ...5.0714

TRITIATED HYDROGEN IN THE ATMOSPHERE - OF A NEW ULTRA-SENSITIVE TECHNIQUE FOR ENVIRONMENTAL SAMPLING IN NATURE AND INDUSTRY (ABBREV.) ...Adsorption; Air Pollution-chemistry; Atmospheric Dynamics; Catalysis, Heterogeneous; Combustion; Industrial Wastes; Radioactivity; ...5.0813

CHEMICAL DOSIMETRY ...Instrumentation; Microwave and Radiofrequency; Polymerization; Radiolysis; ...5.0884

ULTRA LOW LEVEL RADIONUCLIDE ANALYSIS ...Analysis and Detection; Chemical Analysis (water); Gamma Spectroscopy; Ion Exchange; Organic Matter; Trace Elements; ...5.0919

RADIATION DOSIMETRY RESEARCH ...Alpha Particles; Fast Neutrons; Human Developmental Biology; Models (physical) of Anim.&man; Radiation Carcinogenesis; Radiologic Health; X and Gamma Rays; ...5.0924

Detergent Builders

PREPARATION AND EVALUATION OF STARCH DERIVATIVES FOR DETERGENT BUILDERS ...Algae -nonspecific; Chelation & Complexing; Home Economics; Polymerization; Water Chemistry; ...2.0126

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algae - Cyanophyta; Algal Pollutant Sources; Chelation & Complexing; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Water Chemistry; Wisconsin; ...2.0441

DOMESTIC WATER PROBLEMS AS RELATED TO TEXTILES ...Fibers; Home Economics; Materials -properties; Mineralization; Purity, Impurity; ...2.1604

Detergents -see Surfactants

PREPARATION AND EVALUATION OF STARCH DERIVATIVES FOR DETERGENT BUILDERS ...Algae -nonspecific; Chelation & Complexing; Detergent Builders; Home Economics; Polymerization; Water Chemistry; ...2.0126

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

KINETIC STUDIES OF THE OXIDATIVE DEGRADATION OF DETERGENT, AND RELATED CHEMICAL SPECIES IN AQUEOUS SOLUTION ...Biodegradation; Chemical Degradation; Kinetics; Rate of Reaction; Waste Water Degradation; ...2.0171

HEAVY METAL ION INTERACTION AND TRANSPORT WITH SYNTHETIC COMPLEXING AGENTS AND DETERGENT PHOSPHATE SUBSTITUTES IN AQUATIC SYSTEMS ...Biodegradation-see Degradation; Chelation & Complexing; Environmental Influences; Leaching; Surfactants -see Detergents; ...2.0221

BIODEGRADATION OF OIL SLICKS IN THE MARINE ENVIRONMENT ...Actinomycetes -nonspecific; Cellular Catabolism-see Degrad; Marine Bacteria; Oil; Petroleum Wastes - Spillage; ...2.0248

MOLECULAR INTERACTIONS AT THE OIL-WATER INTERFACE AND THE FORMATION OF MICROEMULSIONS ...Electrochemistry; Microscopy; Oil Removal; Petroleum Wastes - Spillage; Spectrographic Techniques; Surfactants -see Detergents; ...2.0273

ANALYTICAL METHODS - WATER CHEMISTRY ...Analysis and Detection; Chromatography; Electroanalyses; Photometry; Trace Analysis; Water Pollutant Identification; Zinc; ...2.0514

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Industrial Wastes; Lasers and Masers; Mass Spectroscopy; Pesticides -see Pesticide; Petroleum Research; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

THE BIOASSAY OF WATER POLLUTANTS WITH CULTURED MAMMALIAN CELLS ...Bioassay; Pesticide Formulation; Pesticides -nonspecific; Water Pollutant Identification; ...2.0769

DETERGENT DISPERSANT CHARACTERISTICS OF PETROLEUM FUELS ...Additives; Corrosion, Deterioration; Filtration; Lubricants and Fluids; Petroleum Research; ...2.1033

GAMMA RADIATION OF TEXTILE WASTE WATER TO REDUCE POLLUTION ...Biochemical Oxygen Demand; Chemical Mechanisms & Kinetics; Industrial Wastes; Radiolysis; Temperature; Textile Industry; Waste Water Treatment -general; ...2.1141

THE EFFECT OF DETERGENTS ON THE OXYGENATION OF WATER ...Absorption - Chemistry; Activated Sludge; Adsorption; Hydrophilic; Hydrophobic; Sewage - Domestic; Surfactants -see Detergents; ...2.1440

BIODEGRADABILITY OF ORGANIC COMPOUNDS INCLUDING DETERGENTS, METAL WORKING FLUIDS, ETC. THAT MAY CONTAMINATE WATER ...Analysis and Detection; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Fuels; Metal Processing Wastes; Surfactants -see Detergents; Waste Water Degradation; ...3.0028

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Anseriformes; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Feces; Poultry -nonspecific; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...3.0220

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Analysis and Detection; Biochemical Oxygen Demand; Effluent-standards; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Septic Tanks; Silty Soils; Water Pollutant Identification; ...3.0350

AEROBIC AND ANAEROBIC BIODEGRADATION OF DETERGENTS ...Aerobic Bacteria; Anaerobic Bacteria; Analysis and Detection; Chemical Oxygen Demand; Home Economics; Product Development Research; ...4.1106

THE ROLE OF ENERGY METABOLISM IN REPAIR AND MACROMOLECULE SYNTHESIS AFTER IRRADIATION ...Adenosine Triphosphate; Biological Dosimetry; Cellular Repair Mechanisms; Dose Rate, Dose Fractionation; Radiation Injury Prevention; ...5.0094

Diatoms (see Also Algae)

VARIABILITY IN DIATOM MORPHOLOGY AND WATER POLLUTION ...Chemical Water Properties; Environmental Influences; Water Pollutant Identification; ...2.0530

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Acidity (water); Aquatic Soils; Bottom Sampling; Geochemical Analysis (water); Lakes; Mineralogical Properties; Social Aspects; Soil pH; ...2.0608

DIATOMS IN LAKES AND LAKE SEDIMENTS AS AN INDEX TO ENVIRONMENT ...Aquatic Soils; Core Analysis; Lake Deposits; Literature Search; Paleontology; Pollens -see Air Pollution; Water Standards & Baselines; ...2.0647

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Estuaries, Marine Plants; Oregon; Plant Physiological Ecology, Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

UPPER DELAWARE RIVER PLANKTON STUDY ...Delaware River; Environmental Influences; Plankton; Plankton Sampling; Survey Studies (water); Taste & Odor of Water; Water Quality -general; ...2.0755

EFFECTS OF INDUSTRIAL EFFLUENTS ON PRIMARY PHYTOPLANKTON INDICATORS ...Effluents - Waste Water; Ionic Effect; Phytoplankton; Statistics; Tracers; ...2.0802

DIATOM REMOVAL BY FLOCCULATION ...Algal Pollutant Sources; Contamination - Water; Flocculation; Oxidation; Pollutant Removal; Temperature (water); ...2.1251

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Animal Productivity; Benthic Fauna; Energy Budgets; Fish; Marine Plants; New England Province; Oxygen Content (water); Sewage; ...2.1586

MARINE FISHERIES - ESTUARINE ALGAL COMMUNITIES ...Animal Interrelationships -gen; Commercial Fishing; Estuaries; Marine Plants; Plant Productivity -general; Salinity (water); Training Grants, Fellowships; Water Standards & Baselines; ...2.1682

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; Tracers; ...2.1731

PHYSIOLOGY AND ECOLOGY OF MARINE DIATOMS ...Biological Effects; Marine Plants; Phytoplankton; Salinity; Taxonomy -plant; ...2.1767

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

Dieldrin -see Pesticides

PESTICIDE-WILDLIFE RELATIONSHIPS - REPRODUCTION, GROWTH, AND PHYSIOLOGY OF DEER FED DIELDRIN CONTAMINATED DIETS ...Deer -nonspecific; Laboratory Animals; Pesticide Formulation; Pesticide Tolerance Rate; Tissue Accumulation Rates; ...4.0744

Differential Equations

COMPUTE SIMULATION OF DIFFUSION STUDIES ...Computer Models; Fluid Mechanics; Mathematical Analysis; Monte Carlo Methods; Water Quality -general; ...2.1066

HEAT AND MOISTURE CONDUCTION IN UNSATURATED SOILS ...Atomic Plants; Energy Conversion; Mathematical Models; Saturated - Unsaturated Soils; Soil Thermal Properties; Thermal Pollution; ...2.1160

A STUDY OF THE KINETICS OF THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Kinetics; Nitrobacter; Waste Water Treatment -general; ...2.1372

Diffraction

CHARACTERIZING ASBESTOS-BEARING AEROSOLS ...Aerosols; Air Pollution -see Specifics; Asbestos; Microscopy; Respiratory Irritants, Inhaled; ...1.0004

REMOVAL OF PHOSPHATE FROM WATER BY ALUMINUM AND IRON ...Adsorption; Chemical Treatment (water); Coagulation; Precipitation; Sewage; Water Chemistry; Water Pollution Sources; ...3.0218

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Adsorption Capacity; Cesium; Composition Controls; Ion Exchange; Mineralogy; Soil Chemical Properties; Soil Chemistry; X-ray Spectroscopy; ...5.0025

Electron Diffraction

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Air Pollution-chemistry; Fluorometry; Microscopy; Reduction Reactions; X-ray Spectroscopy; Xray Diffraction; ...1.0629

Xray Diffraction

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Air Pollution-chemistry; Electron Diffraction; Fluorometry; Microscopy; Reduction Reactions; X-ray Spectroscopy; ...1.0629

ANALYSIS OF SUSPENDED PARTICULATE SAMPLES (ABBREV) ...Air Pollution-chemistry; Atomic Absorption; Emission Spectroscopy; Microscopy; X-ray Spectroscopy; ...1.0832

IMPLEMENTATION OF A LABORATORY AUTOMATION SYSTEM ...Air Pollution-chemistry; Information Science; Information Systems; Man Machine Systems; ...1.0872

A PRELIMINARY INVESTIGATION OF THE ROLE OF SEDIMENTS IN EUTROPHICATION ...Chemical Water Properties; Isotope Tracer -see Tracers; Mechanism Determination; Phosphorus and Phosphorus Cpds; Sediments; ...2.0578

PHYSICAL-CHEMICAL PHENOMENA ASSOCIATED WITH ORGANO-COLLOIDAL SURFACE INTERACTIONS ...Adsorption; Calorimetry; Colloidal Phenomena; Degradation -see Pesticide Deg; Organic Matter; Spectrographic Techniques; Water Chemistry; ...2.0886

RECOVERY OF COPPER AND OTHER BASE METALS FROM COMPLEX METAL MIXTURES ...Coatings -see Materials; Colorimetric Methods; Disposal; Lead; Recoverable Materials; Waste Type; Zinc; ...3.0379

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides - see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; ...4.0109

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; ...4.0110

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Adsorption Capacity; Cesium; Composition Controls; Diffraction; Ion Exchange; Mineralogy; Soil Chemical Properties; Soil Chemistry; X-ray Spectroscopy; ...5.0025

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Deltas; Electrical Properties; Marine Biology - General; Marine Environments; Radioactive Isotopes; Temperature; Trace Elements; ...5.0068

Diffusion

RESEARCH INITIATION - DISPERSION OF POLLUTANTS FROM TALL CHIMNEYS. ...Air Pollution-chemistry; Combustion; Energy Conversion; Furnace and Incinerator Design; ...1.0053

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Eutrophic Lakes; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

OXYGENATION OF AQUEOUS BODIES USING LIQUID OXYGEN ...Aeration (water); Chemical Mechanisms & Kinetics; Process Development; Waste Treatment Economics; ...2.0916

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Groundwater Movement; Organic Matter; Oxidation; Polarography; Septic Tanks; Soil Chemical Properties; Soil Moisture; ...2.0989

SOILS, PESTICIDES, AND THE QUALITY OF WATER ...Adsorption; Clay Soils; Pesticide Formulation; Pesticides -nonspecific; Sandy Soils -see Soil Type; Soil Thermal Properties; ...4.0187

HIGH TEMPERATURE STUDIES OF RADIOACTIVE FALLOUT PARTICLE FORMATION ...Chemical Mechanisms & Kinetics; Fallout -see Radioactive; Furnaces and Incinerators; Mechanism Determination; Nuclear Detonations; Radiation; Rate of Reaction; ...5.0046

Digestive System - Human

CHEMICAL ELEMENTS OF BIOLOGICAL FLUIDS AND TISSUES ...Air Pollution -see Specifics; Radiologic Health; ...1.0176

PULMONARY DEPOSITION AND CLEARANCE OF DUST IN MAN ...Air Pollution -see Specifics; Dust; Equidae; Medical Physics; Respiratory Irritants, Inhaled; Tobacco -cigarettes; Urban Environment; ...1.0230

EFFECTS OF AIR FORCE PROPELLANTS ON THE METABOLISM AND BIOCHEMISTRY OF BODY ORGANS ...Fire Research -see Forest Fire; Mammals -nonspecific; Propellants; Toxic Substances; Toxicology; ...1.0286

NAVY ENVIRONMENT SUITABILITY OF SALIVA SAMPLING FOR MONITORING BLOOD LEVELS OF INHALED POISONS AND OF ADMINISTERED MEDICATION ...Environmental Effects - Human; Military Personnel; Occupational Hazards; Respiratory Irritants, Inhaled; Toxic Substances; Toxicology; ...1.0853

EVALUATION OF MICROBIOLOGICAL STANDARDS FOR SHELLFISH GROWING WATERS ...Bays; Food Contamination; Rhode Island; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0782

STUDY OF GROWING AREA STANDARD BY EXAMINING ENTEROPATHOGENS AND INDICATOR LEVELS ...Bacterial Population Surveys; Food Contamination; Mollusca; Salmonella - nonspecific & -ot.; Sewage Bacteria; Water Pollutant Identification; ...2.0785

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN WATERS AND SHELLFISH ...Massachusetts; Viral Pollutant Sources; Water Pollutant Identification; Wisconsin; ...2.0786

SOCIO-ECONOMIC FACTORS RELATED TO THE INCIDENCE OF A WATER-BORNE DISEASE ...Bacterial Pollutant Sources; Community - Social Studies; Economic Impact; Intestinal Bacteria; Puerto Rico; Social Aspects; Water Pollution -see Specifics; ...2.1909

SINGLE CELL PROTEINS FROM CELLULOSIC WASTES ...Catalysts; Cellular Catabolism-see Degrad; Disposal; Pilot Plants; Recoverable Materials; Waste Management -see Specific; ...3.0373

METABOLISM OF CARBAMATE PESTICIDES ...Bayer 44646; Carbon; Laboratory Animals; Muridae; Pesticide Toxicity in Humans; Zectran; ...4.0560

METABOLISM AND PHYSIOLOGICAL ASPECTS OF INGESTED HYDROCARBONS ...Chemical Carcinogenesis; Co-carcinogenesis; Laboratory Animals; Muridae; Pesticide Action on Animals; Piperonyl Butoxide; ...4.0781

EFFECTS OF DIETARY PROTEIN ON THE METABOLISM OF HEPTACHLOR IN THE RAT ...Heptachlor Epoxide; Muridae; Pesticide Tolerance Rate; Toxicology; ...4.0886

HISTOLOGICAL PROCESSING AND PATHOLOGICAL EXAMINATION OF SELECTED ANIMAL TISSUES ...Laboratory Animals; Mammals -nonspecific; Pesticides -nonspecific; Toxicology; ...4.1041

STUDIES ON HAZARDS OF THE TRANSPLUTONIUM ELEMENTS ...Actinium A C; Body Isotope Burden; Colloids; Gold; Muridae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0117

MAMMALIAN STUDIES WITH ACCELERATORS: GERMFREE RESEARCH ...Cell Injury and Autolysis; Cobalt; Muridae; Protons; Radiation; Radiation Sensitivity -man; Radiation, Lethal Dose; ...5.0124

ETUDE MORPHOLOGIQUE ET CYTOCHIMIQUE ULLRASTRUCTURALE DE L'ACTION DES RADIO PROTECTEURS SUR LE TUBE DIGESTIF ET LE SYSTIME GENITAL ...Mammals -nonspecific; Radiation Injury Prevention; ...5.0193

BLOOD FORMATION IN THE EMBRYO (NEWBORN) OPOSSUM ...Developmental Physiology; Didelphidae; Immunology; Radiation, Whole Body; ...5.0206

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - GROWTH AND DEVELOPMENT STUDIES ...Aging; Atomic Bomb; Japan; Nuclear Warfare; Radiation Effects - Biological; ...5.0229

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - SPECIFIC DISEASES OR DISORDERS STUDIES ...Atomic Bomb; Exercise; Human Developmental Biology; Japan; Nuclear Warfare; Radiation Carcinogenesis; Radiation Effects - Biological; 5.0232

RADIATION AND ENZYMES ...Muridae; Radiation, Whole Body; X and Gamma Rays; 5.0273

NEUTRON AND GAMMA RAY TOXICITY STUDIES EMPLOYING THE JANUS BIOLOGY REACTOR COMPLEX ...Accident, Aging, Occupational Hazards; Radiation Effects - Biological; Radiation, Lethal Dose; Rodentia -other; ...5.0278

THERAPY OF POISONING BY RADIOACTIVE AND NON-RADIOACTIVE METALS ...Americum; Muridae; Rabbits; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0281

METABOLISM AND REMOVAL OF SR 90 AND RA 226 IN MAN ...Aluminum; Beta Particles; Feces; Muridae; Phosphorus and Phosphorus Cpds; Radiation Injury Prevention; ...5.0316

RADIATION CARCINOGENESIS ...Muridae; Nuclear Structure; Radiation Carcinogenesis; Radioactive Isotopes; Radioisotopes - nonspecific; Tumor Pathology; X and Gamma Rays; ...5.0378

STUDIES ON BIOLOGICALLY ACTIVE AMINES ...Muridae; Radiation Sources -general; ...5.0397

TOXICITY OF INHALED CE144 CHLORIDE TO THE BEAGLE DOG ...Canidae; Cerium; Respiratory Irritants, Inhaled; ...5.0431

RADIATION DOSE PATTERNS ASSOCIATED WITH INHALATION OF ALPHA-EMITTING RADIONUCLIDES BY THE BEAGLE DOG ...Aerosols; Canidae; Occupational Hazards; Radiologic Health; ...5.0432

CHROMOSOME ABERRATIONS PRODUCED BY INTERNALLY DEPOSITED RADIOACTIVE MATERIALS IN THE CHINESE HAMSTER ...Alpha Particles; Beta Particles; Cellular Model Systems; Cerium; Radiation Injury Prevention; Strontium; ...5.0433

EFFECTS OF H3 THYMIDINE AS A DNA LABEL IN THE RAT LIVER ...Cellular Biosynthesis; Hydrogen; Muridae; Radiation; Radiation Sensitivity -man; ...5.0489

SR-90 METABOLIC BALANCE STUDIES ...Cooperative Studies; Radiation Injury Prevention; Strontium; Urine; ...5.0494

ACUTE RADIATION EFFECTS OF WHOLE-BODY X-IRRADIATION IN ANIMALS AND SUITABLE THERAPY ...Biochemical Analysis - Tissues; Radiation Injury Prevention; Radiation, Whole Body; Urine; ...5.0508

BEHAVIORAL AND NEURAL EFFECTS OF RADIATIONS AND TOXINS ...Burns; Mammals -nonspecific; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; ...5.0512

THE EFFECT OF RADIATION ON MUCOSAL PHOSPHOLIPASE ACTIVITY ...Muridae; Radiation; Radiation Effects - Biological; ...5.0550

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Freezing; Muridae; Photochemical Reactions; Radiation; Radiation Effects - Biological; Urine; ...5.0573

METABOLIC PROBLEM IN SECONDARY DISEASE ...Immunology; Muridae; Nitrogen and Nitrogen Cpds.; Primates -nonspecific; Radiation, Whole Body; X and Gamma Rays; ...5.0618

BINDING OF RADIOACTIVITY TO RAT LIVER NUCLEIC ACIDS IN VIVO AFTER ADMINISTRATION OF AAF-9-C-14 OR N-HYDROXY-AAF-9-C-14 ...Carbon; Muridae; ...5.0622

BIOCHEMISTRY OF LIPIDS AND MEMBRANES IN IRRADIATED AND NEOPLASTIC CELLS ...Aging; Radiation Effects - Biological; Radiation Injury Prevention; Tumor Pathology; ...5.0628

RADIOLOGICAL AND HEALTH PHYSICS HUMAN STUDIES ...Beta Particles; Human Developmental Biology; ...5.0632

THE RADIOBIOLOGY OF NORMAL TISSUES ...Cancer; Cellular Repair Mechanisms; Healing; Radiation; X and Gamma Rays; ...5.0696

ASSESSMENT, EVALUATION AND CONTROL OF RADIATION EXPOSURE TO MAN AND HIS ENVIRONMENT - EXPOSURE TO EXTERNAL AND INTERNAL RADIATION ...Americum; Plutonium; Radiologic Health; Strontium; Tumor Pathology; ...5.0719

239-PU RETENTION IN THE CHINCHILLA ...Body Isotope Burden; Canidae; Metabolism and Biochemistry; Plutonium; Radiation Injury Prevention; Rodentia -other; ...5.0720

PB-210 STUDIES IN BEAGLES ...Body Isotope Burden; Food Contamination; Lead; Polar Oceanic Areas; Radiologic Health; Toxicology; ...5.0721

RADIATION EFFECTS ON CHYLOMICRON SYNTHESIS AND CAPILLARY PERMEABILITY IN MICE ...Cellular Biosynthesis; Muridae; Passive Transport, Diffusion; Permeability; Radiation; Radiation, Whole Body; ...5.0738

GASTROINTESTINAL IRRADIATION STUDIES ...Caviidae; Muridae; Rabbits; Radiation, Whole Body; Sus; X and Gamma Rays; ...5.0755

DETERMINATION OF UPTAKE RATES, ORGAN SPECIFICITIES, AND BIOLOGICAL LIFETIMES OF RADIOISOTOPES AND ELEMENTAL SPECIES IN THE RAT ...Barium; Chelation & Complexing; Gamma Spectroscopy; Mercury; Radiation Injury Prevention; Tantalum; ...5.0781

STUDIES IN IODINE METABOLISM ...Australia; British Isles; Iodine; Japan; Radiation Effects - Biological; Radiologic Health; ...5.0920

CHEMICAL PROTECTION AGAINST IONIZING RADIATION ...Bioassays; Muridae; Radiation Dose Studies-general; Radiation Injury Prevention; ...5.0931

RADIOLOGICAL AND HEALTH PHYSICS - ESTIMATION OF INTERNAL EXPOSURE ...Beta Particles; Hydrogen; Plutonium; Radium; Respiratory Irritants, Inhaled; ...5.0937

SPECULATED RISK TO BONE AND LIVER FROM 239PU ...Canidae; Models (physical) of Anim.&man; Occupational Hazards; Plutonium; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0973

NEUROLOGICAL VARIABLES AFFECTING ULCERATION RATE ...Auditory Stress; Muridae; Stress -behavioral Aspects; Stressors, Physiological; 6.0118

Disaster

NATIONAL ENERGY NEEDS AND ENVIRONMENTAL QUALITY ...Air Pollution -see Specifics; Energy Budgets; Extractive Natural Resources; ...1.0448

METABOLIC WARD ...Biochemical Analysis - Tissues; Carbon; Occupational Hazards; Radiation Injury Prevention; Urine; ...5.0112

Disinfection

KINETICS OF DISINFECTION WITH CHLORINE ...Chlorination; Chlorine; Organics; Sewage - Domestic; Water Chemistry; ...2.0909

THE EFFECT OF CHLORINATION ON TREATED ORGANIC CHEMICALS ...Chemical Manufacturing Wastes; Chlorination; Degradation; Organics; Rate of Reaction; Waste Water Degradation; ...2.0919

STUDIES CONCERNING THE EFFECTIVENESS, STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Biochemical Analysis - Tissues; Disinfectants & Antiseptics Ns; Field Water Purification; Pesticide Evaluation; Sanitation; Viral Pollutant Sources; ...2.0929

DISINFECTION OF RENOVATED WASTEWATER ...Chlorination; General Recreation Studies; Ozonization; Sewage - Domestic; Water Reuse; ...2.0931

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chlorination; Chlorine; Feces; Potable Water; Viral Pollutant Sources; Viruses - Animal; Water Supply -general; ...2.0942

A STUDY OF THE EFFECT OF ULTRASONIC ENERGY ON WASTE WATER ...Acoustics; Fluid Mechanics, Nitrogen and Nitrogen Cpds.; Organics; Ultrasonic Engineering, ...2.1178

PRACTICALITY OF CHLORINATING ALGAE-LADEN EFFLUENTS FROM STABILIZATION PONDS ...Algae -nonspecific; Chlorination; Organics; Sewage Lagoons; Water Pollutant Identification; ...2.1198

THE MECHANISMS OF WASTE WATER TREATMENT AT LOW TEMPERATURE ...Bacterial Identification; Cellular Catabolism-see Degrad; Colorado; Hypothermal; Microorganisms -nonspecific; Waste Water Degradation; Waste Water Treatment - general; ...2.1202

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Alum; Waste Water Treatment; Chlorination; Electrical Phenomena; Fluid Mechanics; Pilot Plants; Tertiary Treatment; Waste Water Treatment -general; ...2.1221

DISINFECTION OF SEWAGE EFFLUENTS ...Bacteria; Bromine; Chemical Water Properties; Chlorination; Chlorine; Sewage; ...2.1264

CONTROL OF MINERAL CONSTITUENTS IN WASTE WATER BY ELECTRODIALYSIS ...Demineralization; Electrodialysis; Mineralogical Water Properties; Pilot Plants; Solid Waste; Waste Water Treatment -general; ...2.1364

THE THICKENING AND DEWATERING OF PRECIPITATES FROM THE LIME/LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Wastes; Centrifugation; Filtration; Lime Treatment; Thickening; ...2.1453

DEMONSTRATION PROJECT OF BIOLOGICAL ADSORPTION OF POLLUTANTS FROM COMBINED STORM WATER RUNOFF AND SANITARY SEWAGE ...Activated Sludge; Digestion; Rain; Sewer Systems; ...2.1456

CHLORINE CONTACT TANK DESIGN ...Chemical Analysis - general; Flume Studies; Physical Models; Tanks; ...3.0130

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Color; Farm Animal Wastes; Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment -general; ...3.0168

LABORATORY SCALE FEASIBILITY STUDY OF USING REVERSE OSMOSIS TO CONCENTRATE PRE-TREATED DOMESTIC SEWAGE ...Activated Sludge; Bench Scale; Potable Water; Potable Water -see Potable; Reverse Osmosis; Sewage - Domestic; Waste Treatment Economics, ...3.0355

METABOLISM OF HEXACHLOROPHENE, A POTENTIAL INTOXICANT ...Canidae; Carbon; Feces; Hexachlorophene; Muridae; Toxicology; Urine, ...4.0818

Dispersants

TESTING METHODS FOR EVALUATION OF BOTH EFFECTIVENESS AND TOXICITY TO AQUATIC LIFE OF VARIOUS TREATING MATERIALS ...Adsorption; Chemical Treatment (water); Degradation -see Pesticide Deg; Oil Removal; Pesticide Toxicity -general; Physiological Effects; Surfactants -see Detergents; ...2.0845

PROVIDE A COMPENDIUM OF OIL SPILL TREATING AGENTS COVERING ABSORBENTS, DISPERSANTS, SINKING AGENTS, COMBUSTION PROMOTERS, GELLING AGENTS, ETC ...Absorption - Chemistry; Combustion; Oil; Oil Removal; Petroleum Wastes - Spillage; Sedimentation; ...2.0955

CONSERVATION OF WATER AND REDUCTION OF POLLUTION BY USE OF SOLVENT SYSTEMS FOR COLORING TEXTILE MATERIALS ...Fibers; Plastics; Solvent; Textile Industry; Waste Material Recovery; Water Conservation -general; Water Quality Control -general; ...2.0958

THE RELATIVE MERITS OF DISPERSION TECHNIQUES ...Ultrasonics; ...2.0976

DETERGENT DISPERSANT CHARACTERISTICS OF PETROLEUM FUELS ...Additives; Corrosion, Deterioration; Detergents - see Surfactants; Filtration; Lubricants and Fluids; Petroleum Research; ...2.1033

Dispersion (water)

DISPERSION OF HEAT IN STRATIFIED FLOW ...Electric Power Plants, Energy Conversion; Estuaries; Fluid Mechanics; Heat Flow (water); Thermal Pollution; ...2.0942

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0980

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Forest Watersheds; Hydrographs; Piedmont Province; Rainfall - Runoff Relationship, Slope; Soil Density; Soil Moisture; Water Table; ...2.0113

POWER PRODUCTION ...Atomic Plants; Chemical Effects; Density; Effluents - Waste Water; Energy Conversion; Mathematical Models; Reservoirs and Impoundments; Thermal Pollution; ...2.0337

UNSTEADY FLOW OF GROUNDWATER--DISPERSION AND SALT WATER INTRUSION IN NON-HOMOGENEOUS MEDIA ...Aquifers; Fluid Mechanics; Physical Models; Recharge (water); Recharge Pits - Wells (water); Saline Water Intrusion; Water Wells; ...2.0450

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Estuaries; Geology -general; River Basins; Soil Tillage; Water Depth, Water Levels; Water Table; Wind; ...2.0558

TIME-OF-TRAVEL MEASUREMENTS IN NEW JERSEY STREAMS ...Dyes; New Jersey; Suspension; Water Pollutants - Path of; ...2.0680

RIVER ESTUARY POLLUTION CONTROL STUDIES WITH RADIOISOTOPES ...Aeration (water); Dyes; Estuaries; Marine and Hydrology; Radioisotopes; ...2.0695

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF MIXING ZONE FOR WASTE EFFLUENTS DISCHARGED INTO STREAMS OR RIVERS ...Coastlines - Shorelines; Effluents - Waste Water; Lakes; Outlets; Streams & Rivers; ...2.0861

MIXING PROCESSES IN ESTUARIES ...Estuaries; Flume Studies; Forecasting - Prediction; Heat Transmission; Physical Models; Stratification (water); Water Pollutants - Path of; ...2.0964

LAKE CURRENTS AND DIFFUSION PROCESSES ...Canada; Fluid Mechanics; Petroleum Wastes - Spillage; Water Pollutants - Path of; ...2.0975

WIND EFFECTS ON THE DISPERSION OF PARTICULATE POLLUTANTS IN TURBULENT OPEN-CHANNEL FLOW ...Mathematical Models; Water Pollutants - Path of; Wind; ...2.0982

SEDIMENTATION AND CONTAMINANT CRITERIA FOR WATER RESOURCES PLANNING AND MANAGEMENT ...Management (water); Sedimentation; Water Pollutants - Path of; Water Standards & Baselines; ...2.0984

THREE DIMENSIONAL DISPERSION FROM POINT SOURCES OF CHEMICAL OR THERMAL POLLUTION IN OPEN CHANNELS ...Channels; Lasers - Masers; Mathematical Models; Radiation Detectors; Scattering; Thermal Pollution; Water Pollutant Identification; ...2.0990

DISPERSION OF CONTAMINANTS IN JOINTED ROCK ...Flow Characteristics (water); Injection Wells; Mathematical Analysis; Physical Models; Seepage (water); Waste Disposal, Underground; Water Quality Control -general; ...2.1004

METHODOLOGY FOR SYNTHESIS AND OPTIMIZATION OF DIFFUSION PATTERNS IN FLOW SYSTEMS ...Fluid Mechanics; Optimization, Economic; Tracers; Water Pollutants - Path of; Water Pollution Sources; ...2.1011

DISPERSION DURING FLOW IN HETEROGENEOUS POROUS MEDIA ...Data Reduction and Analysis; Fluid Mechanics; Groundwater Movement; Isotope Tracer -see Tracers; Model Studies; Seepage (water); Water Pollutants - Path of; ...2.1014

DISPERSION OF WATER POLLUTANTS IN CURVILINEAR FLOWS ...Channels; Physical Models; Streams; Urban Research - general; Water Pollutants - Path of; ...2.1021

THE DIFFUSION COEFFICIENT IN OPEN CHANNEL FLOW ...Channel Geometry; Fluid Mechanics; Flume Studies; Mathematical Models; Sedimentation; Streams; ...2.1028

THE DISPERSION OF CONTINUOUSLY INJECTED EFFLUENTS IN OPEN CHANNELS ...Effluents - Waste Water; Fluid Mechanics; Hydraulics; Mathematical Models; Mississippi; Physical Models; ...2.1029

ANALYSIS OF THERMAL POLLUTION DISPERSION ...Aeration (water); Effluents - Waste Water; Model Studies; Stratification (water); Water Pollution Effects; ...2.1055

OXYGEN REGENERATION OF POLLUTED RIVERS ...Aeration (water); Delaware River; Economic Efficiency; Water Pollution Abatement; ...2.1058

DISCHARGE OF NEGATIVELY BUOYANT FLUIDS ...Data Networks; Density; Energy Conversion; Fluid Mechanics; Mathematical Models; Stratification (water); ...2.1101

TURBULENT DIFFUSION AND REAERATION IN NATURAL RIVERS ...Activation Analysis; Aeration (water); Analysis and Detection; Mathematical Models; Radioisotopes; Reservoirs and Impoundments; ...2.1102

HORIZONTAL DISPERSION IN SHALLOW ESTUARIES OF IRREGULAR SHAPE ...Circulation (water); Development of Models; Estuaries; Gulf of Mexico; Model Studies; Ocean Circulation -general; Water Quality -general; ...2.1107

MIXING AND DISPERSION OF CONTAMINANTS IN RESERVOIRS ...Currents (water); Lakes; Texas; Water Pollutants - Path of; ...2.1108

OPTIMUM DESIGN OF WASTE STABILIZATION PONDS ...Dyes; Inlets; Model Studies; Outlets; Pond; Sewage Lagoons; Utah; ...2.1114

UTILIZATION OF PHYSICAL AND MATHEMATICAL MODELS IN ESTUARINE WATER RESOURCES RESEARCH AND MANAGEMENT ...Analog Computer Applications; Estuaries; Management (water); Mathematical Models; Tides; ...2.1122

CONTROLLING THE LOCATION AND DISPERSION OF A THERMAL POLLUTING EFFLUENT ...Dyes; Energy Conversion; Model Studies; Thermal Pollution; ...2.1125

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Geochemical Analysis (water); Idaho; Quaternary Period; Structural Analysis - Geology; Tertiary Period; Water Cycle; Water Pollution Sources; Water Storage; ...2.1240

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Industrial Wastes; Organic Matter; Seepage (water); Sewage Lagoons; Waste Management -see Specific; Water Pollutants - Path of; Water Quality -general; ...2.1360

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

DEFINITION OF THE MIXING ZONE FOR WASTE EFFLUENT DISCHARGED INTO SURFACE WATERS ...Aerial Photography -see Photo.; Effluents - Waste Water; Energy Conversion; Model Studies; Physical Models; Water Pollutants - Path of; ...2.1460

RESEARCH AND BASIC DATA ON THERMAL POLLUTION ...Climatology; Energy Conversion; Fluid Mechanics; Heat Balance - Budget; Temperature; Weather Data; ...2.1506

WATER TEMPERATURE AS A QUALITY FACTOR IN THE USE OF STREAMS AND RESERVOIRS ...Animal Habitat Studies, Meteorological Studies; Temperature (water); Thermal Pollution; Water Pollution Sources; ...2.1514

EXPERIMENTAL STUDIES OF AIR AND WATER INTERFACIAL INTERACTION ...Channels; Turbulence; Water Pollutants - Path of; Waves -see Ocean Waves; Wind; Wind - Water Interaction; Wind Tunnels; ...2.1519

LAKE MICHIGAN THERMAL STUDIES ...Atomic Plants; Forecasting - Prediction; Physical Models; Water Temperature Recorders; ...2.1547

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water); Channels; Contamination - Water; Ecological Effects; Organic Matter; Plant; Freshwater Ecology; Primary Productivity - Plants; Sewage Treatment Plant; Thermal Pollution; ...2.1658

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Chemical Analysis -general; Effluents - Waste Water; Industrial Wastes; Marine Photography- Television; Oregon; Pulp and Paper Wastes, Sea Water Sampling; Surveying; ...2.1678

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants; Filtration; Model Studies; Power Plants - see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

Displacement

DISPLACEMENT REACTIONS OF ANTI-RADIATION DRUGS ...Radiation; Radiation Injury Prevention; Rapid Reactions; ...5.0842

Disposal Wastes

DISPOSAL OF PAPER MILL EFFLUENT THROUGH IRRIGATION OF BOTTOMLAND HARDWOOD UNDER LOUISIANA CONDITIONS ...Forest Environment -general; Industrial Wastes; Irrigation; Louisiana; Pulp and Paper Wastes; Waste Disposal on Soils; Water Quality Control -general; ...2.0605

ESTIMATING ACID MINE DRAINAGE POTENTIAL FROM COAL BEDS BY USE OF THE SOXHLET EXTRACTOR ...Acid Mine Wastes; Acidity (water); Coal Research; Drainage; Mine Hydrology; Temperature; Water Pollutant Identification; ...2.0752

VERIFICATION OF MODELS USED IN THE MANAGEMENT AND CONTROL OF WATER QUALITY ...Effluents - Waste Water; Management (water); Model Studies; Washington; Water Quality Control -general; ...2.1127

SHALLOW GROUND-WATER FLOW SYSTEMS IN RELATION TO INDUSTRIAL AND MUNICIPAL WATER SUPPLY AND WASTE DISPOSAL REQUIREMENTS ...Canning Wastes -see Food Proc.; Farm Animal Wastes; Groundwater Movement; Pond; Pulp and Paper Wastes; Soil Tillage; Urban Research -general; ...2.1138

TREATMENT AND DISPOSAL OF COMPLEX CHEMICAL WASTES ...Chemical Industry; Injection Wells; Waste Disposal, Underground; Waste Treatment; ...2.1146

FURTHER STUDIES OF INFILTRATION ...Disposal; Drainage; Groundwater; Infiltration; Saturated- Unsaturated Soils; Subsurface Runoff; Waste Water Treatment -general; ...2.1183

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials; Coatings -see Materials; Dewatering; Effluents - Waste Water; Industrial Wastes; Metal Processing Wastes; Pilot Plants; Sludge; Waste Treatment Economics; ...2.1208

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Food Processing Industries; Gallus Domesticus; Infiltration; Nitrogen and Nitrogen Cpds.; Percolation (water); Phosphorus and Phosphorus Cpds; Soil Moisture; Sprinkler Irrigation; Water Quality -general; ...2.1287

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; Pesticides pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

RECLAMATION OF METAL VALUES FROM METAL-FINISHING WASTE TREATMENT SLUDGES ...Degradation; Industrial Wastes; Oxidation; Reduction Reactions; Sludge; Waste Treatment; ...2.1333

AN ECONOMIC STUDY OF MUNICIPAL SURCHARGES ON INDUSTRIAL WASTES ...Budgeting Analysis; Industry; Regression Analysis; Social Aspects; Urban Environment; Waste Treatment; ...2.1359

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Groundwater; Industrial Wastes; Organic Matter; Seepage (water); Sewage Lagoons; Waste Management -see Specific; Water Pollutants - Path of; Water Quality -general; ...2.1360

DEFINITION OF THE MIXING ZONE FOR WASTE EFFLUENT DISCHARGED INTO SURFACE WATERS ...Aerial Photography -see Photo.; Dispersion (water); Effluents - Waste Water; Energy Conversion; Model Studies; Physical Models; Water Pollutants - Path of; ...2.1460

STUDY OF WASTE DISPOSAL PROBLEMS ...Oil Removal, Petroleum Research; Waste Management -see Specific; ...2.1465

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Chemical Analysis -general; Dispersion (water); Effluents - Waste Water; Industrial Wastes; Marine Photography- Television; Oregon; Pulp and Paper Wastes; Sea Water Sampling; Surveying; ...2.1678

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing; Temperature; Urban Environment, Washington; Water Quality -general; ...2.1769

ECONOMICS OF WATER QUALITY CONTROL IN THE UPPER MISSISSIPPI RIVER (MINNESOTA) ...Benefit-cost Analysis; Minnesota; Model Studies; Waste Treatment Economics; Water Purification; Water Resources Planning; ...2.1840

COST-REDUCING TECHNIQUES OF WASTE DISPOSAL AND OPTIMUM USE OF WATER RESOURCES ...Canning Wastes -see Food Proc.; Food Processing Industries; Industrial Wastes; Optimization, Economic; Waste Treatment; Waste Water Treatment -general; Water Quality Control -general; ...2.1890

OCEAN DISPOSAL OF INDUSTRIAL WASTES ...Acidity (water); Chemical Effects; Industrial Wastes; Mathematical Models; Model Studies; ...3.0101

STORAGE AND DISPOSAL OF WASTES RESULTING FROM THE CONCENTRATION OF LOW GRADE IRON ORE ...Iron; Management (water); Michigan; Pond; Tertiary Treatment; Water Reuse; ...3.0189

PULP AND PAPER WASTE CONTROL AND TREATMENT ...Pulp and Paper Wastes; Waste Material Recovery; Waste Treatment; Water Reuse; ...3.0288

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water; Infiltration; Organic Water Properties; Pilot Plants; Safety -see Farm Safety; South Carolina; Waste Management -see Specific; Water Purification; ...3.0310

TREATMENT AND DISPOSAL OF CONDENSATE WASTES FROM HIGH LEVEL WASTE SOLIDIFICATION PROCESSES ...Atomic Plants; Crystallization; Distillation; Fuel; Nuclear Reactors; Temperature Effects; Waste Management -see Specific; ...3.0339

STUDY OF WASTE DISPOSAL PROBLEMS ...Chemical Manufacturing Wastes; Effluent-standards; Petroleum Research; Waste Treatment; ...3.0357

Distillation

SEPARATION AND IDENTIFICATION OF TOXIC COMPOUNDS IN OIL REFINERY EFFLUENTS ...Atomic Absorption; Chromatography; Effluents - Waste Water; Industrial Wastes; Mass Spectroscopy; Petroleum Research; Waste Management -see Specific; Waste Water Treatment -general; ...2.0316

ORGANIC SUBSTANCES IN WATER ...Analysis and Detection; Chemical Analysis (water); Chlorinated Hydrocarbons; Herbicides -nonspecific; Organic Matter; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0496

RECOVERY, SEPARATION AND IDENTIFICATION OF PHENOLIC COMPOUNDS, NEW JERSEY ...Chemical Analysis (water); Infrared Spectroscopy; New Jersey; Separation; Ultraviolet Spectroscopy; ...2.0681

TREATMENT OF ACID MINE DRAINAGE-SULFUR AND IRON RECOVERY ...Acid Mine Wastes; Combustion; Neutralization; Waste Material Recovery; Waste Water Treatment -general; ...2.1397

STREAM STRIPPING OF KRAFT PULP MILL EFFLUENT STREAMS ...Industrial Wastes; Odor; Organics; Pulp and Paper Wastes; Recycle Water; Waste Material Recovery; ...2.1448

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Disposal; Farm Animal Wastes; Plant Waste Removal; Treatment; Recoverable Materials; Waste Material Recovery; ...3.0282

TREATMENT AND DISPOSAL OF CONDENSATE WASTES FROM HIGH LEVEL WASTE SOLIDIFICATION PROCESSES ...Atomic Plants; Crystallization; Fuel; Nuclear Reactors; Temperature Effects; Waste Management -see Specific; ...3.0339

RECOVERING AND REFINING SECONDARY METALS AND ALLOYS ...Chlorine; Constants; Lead; Mercury; Metal Processing Wastes; Tin; Zinc; ...3.0378

Distillery Wastes

APPLICATION OF REMOTE SENSING TO HYDROGEOLOGY ...Baseflow; Geology -general; Groundwater Movement; Sanitary Landfills; Soil Tillage; Water Resources Planning; ...2.0866

WINERY WASTEWATER - CHARACTERIZATION AND TREATMENT ...Acidity (water); Activated Sludge; Anaerobic Bacteria; Contamination - Water; Food Processing Industries; Sewer Systems; Waste Treatment; ...2.1348

ACTIVATED SLUDGE - BIO-DISC TREATMENT OF DISTILLERY WASTES ...Activated Sludge; Organics; Temperature; Waste Management -see Specific; ...3.0126

District of Columbia

RESPIRATORY FINDINGS AND URBAN LIVING ...Air Pollution -see Specifics; Maryland; New York; Respiratory Disease; Urban Environment; ...1.0207

RESPONSE OF SELECTED FIELD PLANTS TO AMBIENT POLLUTANTS IN WASHINGTON, D.C. ...Air Pollution -see Specifics; Air Pollution Effects; Bioindicators; Growth; Losses Due to Pollution; Ornamentals; Urban Research -general; ...1.0397

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chemical Analysis (water); Chlorination; Chlorine; Potomac River; Viral Pollutant Sources; Water Pollution -see Specifics; ...2.0941

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Alum Waste Water Treatment; Chlorination; Disinfection; Electrical Phenomena; Fluid Mechanics; Pilot Plants; Tertiary Treatment; Waste Water Treatment -general; ...2.1221

CHEMICAL SLUDGE DISPOSAL AND CHEMICAL RECOVERY AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Burning; Pilot Plants; Tertiary Treatment; Vacuum Techniques; Waste Material Recovery; Waste Treatment Economics; ...2.1242

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations; Drainage; Sewage; Storm Water; Urban Planning; Urban Research -general; Water Quality Control -general; Water Supply -general; ...2.1224

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Centrifugation; Disposal; Filtration; Process Design; Waste Drying; Waste Treatment Economics; ...2.1339

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Centrifugation; Filtration; Pilot Plants; Process Design; Waste Drying; Waste Treatment Economics; ...2.1407

A STUDY OF THE BIOCHEMICAL EFFECTS OF IONIZING AND NONIONZING RADIATION ON PLANT METABOLISM DURING DEVELOPMENT ...Light; Plants; Radiation; Radiation Effects -see Rad.; ...5.0234

Dosimetry

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE USE OF REACTIVITY SCALES FOR PREDICTING CHEMICAL REACTIVITIES OF HC-NOX MIXTURES ...Aerosols; Air Pollution -see Specifics; Aldehydes -nonspecific; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Ultra Violet Radiation; ...1.0238

AEC OFF-SITE RADIOLOGICAL SAFETY PROGRAM ...Atomic Plants; Food Contamination; Nuclear Detonations; Radioactive Fallout; Radioactivity; Thermoluminescent Detectors; ...5.0050

RADIOLOGICAL PHYSICS ...Ionizing Radiation -see Rad.; Mathematical Models; Mercury; Protons; Radiation Effects - Biological; ...5.0113

STUDY OF RADIONUCLIDE EFFECTS ON PLANT GROWTH - WITH SPECIAL REGARD TO PLANT DAMAGE CAUSED BY IONIZING RADIATION ...Beta Particles; Lactuca; Plants; Radioactive Isotopes; Triticum; Yttrium; ...5.0118

BIOCHEMICAL EFFECTS OF IONIZING RADIATION ON BRAIN CELLS IN CULTURE ...Cellular Biosynthesis; Cellular Catabolism-see Degrad; Cellular Repair Mechanisms; Radiation; Tumor Pathology; ...5.0152

INVESTIGATION OF POSSIBLE SYNERGISTIC EFFECTS OF NEUTRONS AND PHOTONS ON SELECTED MATERIALS ...Fast Neutrons; X and Gamma Rays; ...5.0348

THEORETICAL INVESTIGATION OF ELECTRON LET SPECTRA AND DOSE RELATIONSHIP FOR IONIZING RADIATIONS ...Beta Particles; Metabolism and Biochemistry; Permeability; Radiation Chemistry -biophys.; Spectrographic Techniques; ...5.0492

KINETICS OF HEMATOPOIETIC STEM CELL PROLIFERATION FOLLOWING X-IRRADIATION ...Canidae; Monkey; Radiation; Radiation, Whole Body; ...5.0517

TIME-RADIATION DOSE RELATIONSHIPS TO BIOLOGIC DAMAGE ...Injury and Shock; Radioisotopes -nonspecific; ...5.0556

INVESTIGATIONS OF THE BIOLOGICAL EFFECTS OF RADIATION - A MULTI-DISCIPLINE APPROACH ...Environmental Hazards; Ionizing Radiation -see Rad.; Radiation Effects - Biologi-

cal; Radioactivity; Ultra Violet Radiation; X and Gamma Rays; ...5.0561

EFFECTS OF IRRADIATION UPON AIRCREW EQUILIBRIUM ...Aviation Medicine; Environmental Effects - Human; Nuclear Warfare; Pilots; Radiologic Health; ...5.0698

RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIONUCLIDES IN THE BEAGLE SKELETON ...Alpha Particles; Canidae; Injury and Shock; Radiation Carcinogenesis; Strontium; ...5.0723

WHOLE BODY COUNTING OF POPULATION LIVING IN AREAS OF HIGH NATURAL RADIOACTIVITY ...Brazil; Radiation -terrestrial; Radiation Sources -general; Radiation, Whole Body; Radioactivity, Natural; Radiologic Health; Whole Body; ...5.0772

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Ionizing Radiation -see Rad.; Microorganisms; Protons; Radiation -see Specifics; Radioactive Isotopes; X and Gamma Rays; Yeasts -nonspecific; ...5.0775

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Cellular Viability; Ionizing Radiation -see Rad.; Protons; Radiation -see Specifics; Radiation Sensitivity -man; Radioactive Isotopes; X and Gamma Rays; ...5.0776

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Ionizing Radiation -see Rad.; Protons; Radiation -see Specifics; Radiation Effects - Biological; Radiation Penetration; X and Gamma Rays; ...5.0777

THE APPLICATION OF SOLID-STATE LITHIUM-DRIFTED GERMANIUM DETECTORS TO THE ANALYSIS OF RADIONUCLIDES IN BIOLOGICAL AND ENVIRONMENTAL SAMPLES ...Air Pollution -see Specifics; Mammals -nonspecific; Radiation, Whole Body; Radioactive Isotopes; Radiologic Health; Tumor Pathology; ...5.0780

THERMOLUNINESCENCE OF GAMMA- AND NEUTRON-IRRADIATED SOILS ...Radioecology - Plants; ...5.0788

NEUTRON DOSE BELOW 500 KEV IN A CRITICALITY ACCIDENT (PART OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY) (ABBREV) ...Accident; Energy Conversion; Fast Neutrons; Neutron -see Radiation; Nuclear Reactors; Radioactive Hazard; ...5.0793

DEPTH DOSE PARAMETERS FOR FAST NEUTRONS IN TISSUE ...Cancer; Fast Neutrons; Mammals -nonspecific; Neutron -see Radiation; Radiation Injury Prevention; Yeasts -nonspecific; ...5.0797

HIGH FREQUENCY ELECTROMAGNETIC HAZARD MEASUREMENTS ...Biological Dosimetry; Dosimeters -see Dosimetry; Electromagnetic Field; Instrumentation; Monkey; Radiation Sources -general; ...5.0800

RADIATION PROTECTION AND MEASUREMENT ...Disposal Methods; Food Contamination; Neutron -see Radiation; Particle Accelerators; Radiation Shielding; Radioactive Isotopes; Strontium; X and Gamma Rays; ...5.0808

THEORETICAL DOSIMETRY AND RADIOLOGICAL PHYSICS ...Beta Particles; Nuclear Structure; Radiation Injury Prevention; Radiation Penetration; Radiation Shielding; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0809

SEQUENTIAL RADIOCHEMICAL DETERMINATION OF RADIUM-226, 228, ACTINIUM-227 AND THORIUM-230 IN ENVIRONMENTAL AND PROCESS WASTE SAMPLES ...Actinium A C; Mine Wastes; Radium; Thorium; Uranium; ...5.0820

GROSS ALPHA DETERMINATION IN ENVIRONMENTAL AND BIOLOGICAL SAMPLES ...Alpha Particles; Californium; Feces; Polonium; Radioactive Isotopes; Reduction Reactions; Urine; ...5.0823

SOLID STATE RADIATION DOSIMETRY ...Dosimeters -see Dosimetry; Electro-optics; Ionizing Radiation -see Rad.; Lasers and Masers; Solid State Engineering; Thermoluminescent Detectors; ...5.0824

DOSIMETRY .. Americum; Fast Neutrons; Ionizing Radiation -see Rad.; Muridae; Plutonium; Radiation Penetration; X and Gamma Rays; ...5.0830

PRACTICAL HIGH SENSITIVITY THERMOLUMINESCENT DOSIMETRY ...Dosimeters -see Dosimetry; Ionizing Radiation -see Rad.; Plastics; Scintillation, Twinkle; X and Gamma Rays; ...5.0831

PHYSICAL AND BIOLOGICAL INVESTIGATIONS OF HIGH ENERGY RADIATION DIRECTED MAINLY TOWARD THERAPY ...Beta Particles; Cancer; Computer Methods -general; Facilities; Radiation Effects - Biological; Radiation Shielding; X and Gamma Rays; ...5.0833

RESEARCH WITHIN THE FRAMEWORK OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY ...Accident; Instrumentation; Neutron -see Radiation; Radiation Instruments; Radiologic Health; ...5.0839

DIRECT INTERNAL RADIATION DOSIMETRY OF RADIOPHARMACEUTICALS BY IMPROVED NEEDLE TYPE FLUOROGLASS DOSIMETER ...Biological Dosimetry; Radiation, Low Level; Radioisotopes -nonspecific; ...5.0844

EVALUATION OF THERMOLUMINESCENT DOSIMETERS AS A HEALTH PHYSICS TOOL ...Cancer; Occupational Hazards; Radiologic Health; X and Gamma Rays; ...5.0846

ELECTROMAGNETIC RADIATION MEASUREMENT METHODS AND CALIBRATION ...Electrical Phenomena; Electromagnetic Field; Microscopy; Radiation Detectors; Thermoluminescent Detectors; ...5.0853

NEUTRON ACTIVATION ANALYSIS ...Activation Analysis; Iodine; Neutron -see Radiation; ...5.0857

RADIATION DOSIMETRY ...Beta Particles; Energy Conversion; Neutron -see Radiation; Radiation Sources -general; Scintillation Counting; Thermal Neutrons; X and Gamma Rays; ...5.0861

THEORETICAL ASPECTS OF MICRODOSIMETRY ...Cybernetics; Distributions; Mathematical Analysis; Models (physical) of Anim.&man; Radiation Penetration; ...5.0869

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Commelinaceae; Ionizing Radiation -see Rad.; Muridae; Plasmas; Radiation; Radiation Sources -general; X and Gamma Rays; ...5.0870

BIOLOGICAL AND CLINICAL DOSIMETRY ...Atomic Particle Accelerators; Fast Neutrons; Monitors and Automatic; Neutron Detectors; ...5.0872

INSTRUMENTATION AND METHODS FOR THE MEASUREMENT OF RADIOACTIVE AIR CONTAMINANTS ...Monitoring; Radioactivity; Uranium; ...5.0876

NUCLEONIC TRANSPORT STUDIES ...Cosmic Radiation; Cosmic Rays; Radiation Injury Prevention; Radiation Penetration; Radiation Shielding; Radiologic Health; Upper Atmospheric Chemistry; ...5.0880

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate, Dose Fractionation; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies -general; Water Pollution Sources; ...5.0881

CHEMICAL DOSIMETRY ...Detectors and Sensors; Instrumentation; Microwave and Radiofrequency; Polymerization; Radiolysis; ...5.0884

THE MEASUREMENT OF BIOLOGICAL DAMAGE AND ITS RELATIONSHIP TO 'IN-TISSUE' ENERGY ABSORPTION ...Fast Neutrons; Ionizing Radiation -see Rad.; Iron; Muridae; Radiation Penetration; X and Gamma Rays; ...5.0888

INFLUENCE OF RADIATION QUALITY AND DOSE RATE ON EARLY AND LATE EFFECTS IN CELL-RENEWAL SYSTEMS IN THE MAMMAL ...Developmental Biology -general; Dose Rate, Dose Fractionation; Fast Neutrons; Mammals -nonspecific; Neutron -see Radiation; Radiation; X and Gamma Rays; ...5.0891

RADIOLOGICAL PHYSICS ...Alpha Particles; Cell Injury and Autolysis; Cellular Viability; Minimum Or Threshold Dose; Radiation; Spectrographic Techniques; ...5.0892

HEALTH PHYSICS ...Alpha Particles; Ionization Chambers; Ionizing Radiation -see Rad.; ...5.0893

IN-VIVO NEUTRON ACTIVATION ...Americum; Calcium; Chlorine; Fast Neutrons; Iodine; Models (physical) of Anim.&man; Neutron Generator; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Radiation, Whole Body; ...5.0896

PULSED ELECTRON BEAM DOSIMETRY ...Beta Particles; Dosimeters -see Dosimetry; Electrical Phenomena; Radiation Instruments; Radiation Sources -general; ...5.0910

NAVY ENVIRONMENT - MEASUREMENT OF TISSUE DAMAGE IN NAVY PERSONNEL EXPOSED TO IONIZING RADIATION IN THE LINE OF DUTY ...Cell Injury and Autolysis; Ionizing Radiation -see Rad.; Occupational Hazards; Radioactive Hazard; X and Gamma Rays; ...5.0913

RADIATION DETECTORS FOR USE IN NUCLEAR/CRITICALITY ACCIDENT DOSIMETRY ...Accident; Detectors, Instrumentation; Neutron Detectors; Radioactive Hazard; Sulfur; ...5.0916

RADIATION DOSIMETRY RESEARCH ...Alpha Particles; Detectors and Sensors; Fast Neutrons; Human Developmental Biology; Models (physical) of Anim.&man; Radiation Carcinogenesis; Radiologic Health; X and Gamma Rays; ...5.0924

HEALTH PHYSICS RESEARCH REACTOR AND MONOENERGETIC RADIATIONS FACILITY ...Ionizing Radiation -see Rad.; Radiation Injury Prevention; Radioactive Hazard; Spectrographic Techniques; Van De Graaff Accelerator; X and Gamma Rays; ...5.0925

GENERAL CONCEPTS IN RADIATION DOSIMETRY. RESEARCH PROGRAMME ON BIOPHYSICAL ASPECTS OF RADIATION QUALITY ...Biological Dosimetry; Radiation Chemistry -biophys.; ...5.0938

THEORETICAL RADIATION DOSIMETRY ...Fast Neutrons; Monte Carlo Methods; Particle Accelerators; Protons; Radiation - see Specifics; Radiation Penetration; Radioactive Hazard; ...5.0939

DOSIMETRY DEVELOPMENT TO SUPPORT CREW PERFORMANCE DECREMENT-SURVIVABILITY/VULNERABILITY STUDIES ...Dosimeters -see Dosimetry; . .5.0942

P-N JUNCTION DIODE DOSIMETRY WITH TEMPERATURE COMPENSATION ...Detectors; Dosimeters -see Dosimetry; Electronic Components; X and Gamma Rays; ...5.0947

INVESTIGATIONS OF THERMOLUMINESCENT RADIATION DOSIMETRY . .Chemical Dosimetry; Instrumentation; Neutron - see Radiation; Photochromism; Thermoluminescent Detectors; ...5.0964

Biological Dosimetry

THE ROLE OF ENERGY METABOLISM IN REPAIR AND MACROMOLECULE SYNTHESIS AFTER IRRADIATION ...Adenosine Triphosphate; Cellular Repair Mechanisms; Dose Rate, Dose Fractionation; Radiation Injury Prevention; ...5.0094

THE CYTOGENETICS OF URANIUM MINERS EXPOSED TO RADON 222 ...Bioassays; Body Isotope Burden; Occupational Hazards; Radiation Carcinogenesis; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0207

RESPONSE OF CELLS DERIVED FROM SJTS INJURED BY PHYSICAL TRAUMA, RADIATION OR INFECTIOUS AGT EXPOSURE ...Cell Injury and Autolysis; Cercopithecoidea; Military Personnel; Occupational Hazards; Radiation; Radiologic Health; Trauma; ...5.0241

DEOXYCYTIDINE LEVELS IN URINE AND PLASMA AS AN INDEX OF IONIZING RADIATION DOSE ...Biochemical Analysis - Tissues; Carbon; Hydrogen; Muridae; Urine; ...5.0711

HIGH ALTITUDE RADIATION INSTRUMENT SYSTEM ...Aerospace Studies; Aircraft Remote Sensing; Environmental Hazards; Ionization Chambers; Radiation Detectors; Spectrographic Techniques; ...5.0786

HIGH FREQUENCY ELECTROMAGNETIC HAZARD MEASUREMENTS ...Dosimeters -see Dosimetry; Electromagnetic Field; Instrumentation; Monkey; Radiation Sources -general; ...5.0800

BIOLOGICAL INDICATORS OF RADIATION INJURY ...Mammals -nonspecific; Radiation Dose Studies-general; Radiation Sensitivity -man; Radiation Sources -general; Urine; ...5.0805

DIRECT INTERNAL RADIATION DOSIMETRY OF RADIOPHARMACEUTICALS BY IMPROVED NEEDLE TYPE FLUOROGLASS DOSIMETER ...Dosimetry; Radiation, Low Level; Radioisotopes -nonspecific; ...5.0844

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particle Commelinaceae; Dosimetry; Ionizing Radiation -see Rad.; Muridae; Plasmas; Radiation; Radiation Sources -general; X and Gamma Rays; ...5.0870

LET DISTRIBUTIONS OF IONIZING RADIATION ...Monte Carlo Methods; ...5.0933

GENERAL CONCEPTS IN RADIATION DOSIMETRY. RESEARCH PROGRAMME ON BIOPHYSICAL ASPECTS OF RADIATION QUALITY ...Dosimetry; Radiation Chemistry - biophys.; ...5.0938

Body Isotope Burden

ANALYSIS OF RADIONUCLIDE TRANSPORT AND DEPOSITION FOR PREDICTION OF UPTAKE AND DOSES FROM RELEASE OF RADIONUCLIDES ...Air Pollution -see Specifics; Dose Rate, Dose Fractionation; Food Contamination; Radiation Injury Prevention; Radioactive Fallout-cf Fallout; Radioisotopes - nonspecific; Radiologic Health; ...5.0009

IRON-55 AND LEAD IN THE HUMAN POPULATION OF THE WORLD ...Animal Productivity; Food Contamination; Health & Geographic Factors; Lead; Radiologic Health; ...5.0084

STUDIES ON HAZARDS OF THE TRANSPLUTONIUM ELEMENTS ...Actinium A C; Colloids; Gold; Muridae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0117

COMPARATIVE TOXICITY OF SR90 AND RA226 IN BEAGLES ...Canidae; Food Contamination; Radiologic Health; Radium; Strontium; ...5.0134

THE CYTOGENETICS OF URANIUM MINERS EXPOSED TO RADON 222 ...Bioassays; Occupational Hazards; Radiation Carcinogenesis; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0207

METABOLISM AND DOSIMETRY OF 90Y INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Beta Particles; Canidae; Feces; Respiratory Irritants, Inhaled, Yttrium; ...5.0425

TOXICITY OF 144CE INHALED IN FUSED CLAY BY THE BEAGLE DOG ...Aerosols; Cerium; Microorganisms -nonspecific; Respiratory Irritants, Inhaled; ...5.0426

PHYSICO-CHEMICAL NATURE OF 95NB(V) OXALATE IN THE BEAGLE DOG BLOOD AFTER INJECTION OR INHALATION OF 95NB(V) OXALATE ...Canidae; Niobium; Respiratory Irritants, Inhaled; ...5.0438

GENERATION OF MONODISPERSE AEROSOLS OF INSOLUBLE FORMS FOR USE IN INHALATION EXPOSURES .. Aerosols, Chelation & Complexing; Electrical Phenomena; Fission Products-see Radioact.; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0448

FATE OF RADIUM AND OTHER RADIONUCLIDES IN LIVING ORGANISMS ...Canidae; Lead; Occupational Hazards; Radium; Tungsten; ...5.0499

239-PU RETENTION IN THE CHINCHILLA ...Canidae; Digestive System - Human; Metabolism and Biochemistry; Plutonium; Radiation Injury Prevention; Rodentia -other; ...5.0720

PB-210 STUDIES IN BEAGLES ...Digestive System - Human; Food Contamination; Lead; Polar Oceanic Areas; Radiologic Health; Toxicology; ...5.0721

SPACE NUCLEAR SYSTEMS STUDIES ...Aerosols; Chemical Mechanisms & Kinetics; Plutonium; Radiation Dose Studies-general; Radioactive Hazard; Space Medicine - Exobiology; Sus; ...5.0735

INHALATION HAZARDS TO URANIUM MINERS, BIOLOGICAL STUDIES ...Air Pollution -see Specifics; Canidae; Co-carcinogenesis; Miners; Radiation Carcinogenesis; Radon; Tobacco - cigarettes; ...5.0754

TRACING RADIONUCLIDES IN HUMANS AND ANIMALS BY HELICAL SCANNING ...Mammals -nonspecific; Radiation Injury Prevention; Radioactive Hazard; X and Gamma Rays; ...5.0818

THE DETERMINATION OF PLUTONIUM 239 IN LUNG TISSUE BY ACTIVATION ANALYSIS ...Atomic Bomb; Deer -nonspecific; Fast Neutrons; Plutonium; Radiologic Health; ...5.0819

FALLOUT CESIUM-137 IN A NORMAL POPULATION ...Cesium; Gamma Spectroscopy; Mathematical Models; Radiologic Health; Whole Body; ...5.0866

MECHANISMS OF ENVIRONMENTAL EXPOSURE ...Atomic Plants; Columbia River; Environmental Effects - Human; Radiologic Health; Washington; Zinc; ...5.0958

Chemical Dosimetry

INVESTIGATIONS OF THERMOLUMINESCENT RADIATION DOSIMETRY ...Dosimetry; Instrumentation; Neutron -see Radiation; Photochromism; Thermoluminescent Detectors; ...5.0964

Data Handling

Rate Meters

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition; Carbon; Destratification; Forecasting - Prediction; Lakes; Mathematical Models; Primary Productivity - Plants; ...2.0612

Detectors

Gas Filled Detectors

IN VIVO MEASUREMENT OF PLUTONIUM LUNG BURDENS IN HUMANS ...Factory Workers; Occupational Hazards; Plutonium; Radiation Effects - Man; Radioactive Isotopes; Radiologic Health; Scintillation Counting; ...5.0457

Thermoluminescent Detectors

AEC OFF-SITE RADIOLOGICAL SAFETY PROGRAM ...Atomic Plants; Food Contamination; Nuclear Detonations; Radioactive Fallout; Radioactivity; ...5.0050

SOLID STATE RADIATION DOSIMETRY ...Dosimeters -see Dosimetry; Dosimetry; Electro-optics; Ionizing Radiation -see Rad.; Lasers and Masers; Solid State Engineering; ...5.0824

PRACTICAL HIGH SENSITIVITY THERMOLUMINESCENT DOSIMETRY ...Dosimeters -see Dosimetry; Dosimetry; Ionizing Radiation -see Rad.; Plastics; Scintillation, Twinkle; X and Gamma Rays; ...5.0831

Dosimetry

EVALUATION OF THERMOLUMINESCENT DOSIMETERS AS A HEALTH PHYSICS TOOL ...Cancer; Dosimetry; Occupational Hazards; Radiologic Health; X and Gamma Rays; ...5.0846

ELECTROMAGNETIC RADIATION MEASUREMENT METHODS AND CALIBRATION ...Dosimetry; Electrical Phenomena; Electromagnetic Field; Microscopy; Radiation Detectors; ...5.0853

RADIATION DOSIMETRY ...Beta Particles; Energy Conversion; Neutron -see Radiation; Radiation Sources -general; Scintillation Counting; Thermal Neutrons; X and Gamma Rays; ...5.0861

INVESTIGATIONS OF THERMOLUMINESCENT RADIATION DOSIMETRY ...Chemical Dosimetry; Dosimetry; Instrumentation; Neutron -see Radiation; Photochromism; ...5.0964

Instrumentation

DEVELOP ELECTROMAGNETIC HAZARD METER ...Electromagnetic Field; Instrument Services; Microwave and Radiofrequency; Microwave Engineering; Military Personnel; Submarine & Diving Medicine; ...5.0799

HIGH FREQUENCY ELECTROMAGNETIC HAZARD MEASUREMENTS ...Biological Dosimetry; Dosimeters -see Dosimetry; Electromagnetic Field; Monkey; Radiation Sources -general; ...5.0800

INSTRUMENTATION FOR IN VIVO DETERMINATION OF INSOLUBLE PLUTONIUM IN THE LUNG ...Alpha Particles; Occupational Hazards; Plutonium; Radiologic Health; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0822

RESEARCH WITHIN THE FRAMEWORK OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY ...Accident; Dosimetry; Neutron -see Radiation; Radiation Instruments; Radiologic Health; ...5.0839

CHEMICAL DOSIMETRY ...Detectors and Sensors; Microwave and Radiofrequency; Polymerization; Radiolysis; ...5.0884

OPERATE A RADIATION ALERT NETWORK ...Air Pollution Sampling; Automatic Weather Stations; Beta Particles; Radioactivity; Radiologic Health; ...5.0906

RADIATION DETECTORS FOR USE IN NUCLEAR/CRITICALITY ACCIDENT DOSIMETRY ...Accident; Detectors; Dosimetry; Neutron Detectors; Radioactive Hazard; Sulfur; ...5.0916

INVESTIGATIONS OF THERMOLUMINESCENT RADIATION DOSIMETRY ...Chemical Dosimetry; Dosimetry; Neutron -see Radiation; Photochromism; Thermoluminescent Detectors; ...5.0964

Physical Dosimetry

RADIATION DOSIMETRY ...Calorimetry; Plastics; Protons; Radiation Penetration; ...5.0956

Drainage

LIMNOLOGICAL EFFECTS OF ORGANIC WATERSHED LITTER ...Floods; Organic Matter; Rain Amount; Semi - Arid Regions; Southwest U. S.; ...2.0018

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure -other; Water Reuse; ...2.0031

PREDICTION OF MINERAL QUALITY OF RETURN FLOW WATER FROM IRRIGATED LAND ...Computer Models; Effluents - Waste Water; Irrigation; Percolation (water); Soil Chemical Properties; Water Storage; ...2.0067

DRAINAGE OF PENNSYLVANIA ANTHRACITE MINES ...Acid Mine Drainage; Data Acquisition; Local Stratigraphy; Mine Hydrology; Structural Analysis - Geology; ...2.0093

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Biological Water Properties; Chemical Water Properties; Chlorine; Fertilizers; Irrigation; Mineralogical Water Properties; Soil Chemical Properties; Temperature (water); Water Quality -general; ...2.0120

ROLE OF FERTILIZERS IN WATER POLLUTION ...Agricultural Runoff; Fertilizers; Leaching; Tillage, Cropping Systems; Water Table - Depth of; ...2.0134

ROLE OF NITROGEN FERTILIZERS IN WATER POLLUTION, AS AFFECTED BY RATE AND TIME OF APPLICATION ...Fertilizers; Illinois; Nitrogen and Nitrogen Cpds.; Water Pollutants - Path of; ...2.0135

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water); Alkalinity (water); Chemical Water Properties; Drainage Engineering; Mineralogical Water Properties; Pesticide Residues; Phosphorus and Phosphorus Cpds; Zea Mays - Field Corn; ...2.0149

HIGHWAY DRAINAGE STUDY ...Drainage Systems; Groundwater; Maryland; Sewer Systems; Transportation Design; ...2.0172

STUDIES OF COPPER TAILINGS ...Algae - Cyanophyta; Copper; Lakes; Mine Wastes; Spoil Banks; Toxic Minerals; ...2.0200

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

NATURAL WATER SYSTEMS IN WESTERN MONTANA ...Aquatic Ecology - Animal; Chemical Water Properties; Montana; Plant Freshwater Ecology; Water Properties -general; ...2.0234

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research -general; ...2.0329

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality -general; ...2.0349

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology,

Coliforms -nonspecific; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides .see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity - general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

MINIMIZING SOIL AND WATER POLLUTION FROM FERTILIZERS AND IRRIGATION WATERS--RIO GRANDE PLAIN ...Denitrification; Effluents - Waste Water; Groundwater; Rio Grande River; Soil Analysis; Soil Profile; ...2.0391

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

CARCINOGENS IN THE ENVIRONMENT ...Animal Wastes - Feed Lots; Capra; Contamination -see Air & Water; Developmental Physiology; Environmental Carcinogenesis; Experimental Teratology; Feces; ...2.0399

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Computer Models; Fertilizers; Impaired Water Use; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Moisture; Soil Water Plant Relationships; ...2.0513

METHODS IN SPECTROGRAPHIC ANALYSIS OF SOILS & PLANTS FOR MINOR ELEMENTS ...Animal Migration; Atomic Absorption; Emission Spectroscopy; Fluorometry; Soil Analysis; X-ray Spectroscopy; ...2.0580

QUALITY OF TILE EFFLUENT ...Chemical Analysis (water); Effluents - Waste Water; Floods; Nitrogen and Nitrogen Cpds.; Phaseolus; Phosphorus and Phosphorus Cpds; Soil Analysis; Zea Mays - Field Corn; ...2.0587

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Economic Theory; Hydrographs; Mathematical Analysis; Prediction; Rural Areas; Storm Sewer Quantity; Urban Research -general; ...2.0619

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage Systems; Flood Control Planning; Floods; Michigan; Rain; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0626

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Pollutant Identification, Water Standards & Baselines; ...2.0634

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Channels; Eutrophication; Fish; Pesticide Residues, Pesticides -see Pesticide; Reservoirs and Impoundments; Turbidity (water); ...2.0653

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage; Alkalinity (water); Automatic Data Aquisition; Chemical Water Properties; Mine Drainage Control; Mineralogical Water Properties; Ohio; Water Properties -general; Zinc; ...2.0733

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Data Reduction and Analysis; Management (water); Oregon; Plant Freshwater Ecology; Survey Studies (water); Water Quality -general; Watersheds; ...2.0744

CHARACTERISTICS OF DRAINAGE FROM DEEP BITUMINOUS COAL MINES IN WESTERN PENNSYLVANIA ...Acid Mine Drainage; Bituminous; Data Reduction and Analysis; Pennsylvania; Waste Water Treatment -general; ...2.0751

ESTIMATING ACID MINE DRAINAGE POTENTIAL FROM COAL BEDS BY USE OF THE SOXHLET EXTRACTOR ...Acid Mine Wastes; Acidity (water); Coal Research; Mine Hydrology; Temperature; Water Pollutant Identification; ...2.0752

DETECTION AND LOCATION OF CONCEALED ABANDONED UNDERGROUND MINES AND ASSOCIATED DRAINAGE BY GEOPHYSICAL AND GEOCHEMICAL TECHNIQUES ...Dyes; Geophysical Analysis; Infrared Radiation; Seismology; Water Pollution Sources; ...2.0760

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Coastlines - Shorelines; Economic Geology -general; Infrared Radiation; Legal Studies-general; Navigation; Tides; Tidewater Areas; Water Quality - general; ...2.0795

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research -general; ...2.0811

NITRATE REDUCTION IN THE VICINITY OF TILE DRAINS ...Denitrification; Drainage Engineering; Effluents - Waste Water; Filtration; ...2.0894

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

INVESTIGATION OF PERMEABILITY OF FINE GRAINED GLACIAL SEDIMENTS IN RELATION TO WASTE DISPOSAL IN ILLINOIS ...Aquifers; Illinois; Land Use; Permeability; Till; Water Quality Control -general; ...2.1006

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Irrigation Engineering; Recharge Pits - Wells (water); Soil Profile; ...2.1026

THE INFLUENCE OF SOILS ON POLLUTION ...Adsorption; Nutrients; Pesticide Degradation -see Deg; Pesticides -nonspecific; Soil Fertility; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1046

DRAIN DESIGN FOR NITRATE REDUCTION IN GROUND WATER ...California; Drainage Engineering; Nitrogen and Nitrogen Cpds.; Soil Organic Content; Water Table - Depth of; ...2.1171

NUTRIENT REMOVAL FROM AGRICULTURAL WASTE WATER ...Algae -nonspecific; Groundwater; Nutrients; Water Pollution Sources; ...2.1176

FURTHER STUDIES OF INFILTRATION ...Disposal; Groundwater; Infiltration; Saturated- Unsaturated Soils; Subsurface Runoff; Waste Water Treatment -general; ...2.1183

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations; Sewage; Storm Water; Urban Planning; Urban Research -general; Water Quality Control -general; Water Supply -general; ...2.1224

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Forecasting - Prediction; Fruit, Nut, and Berry Crops; Soil Depth; Soil Types -also See Specifics; Water Table; ...2.1227

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage Engineering; Fluorine; Growth; Water Table; . 2.1229

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Effluent-standards; Forest Management; Idaho; Irrigation; Sediment Thickness; Water Costs; Water Reuse; ...2.1241

LIME-LIMESTONE NEUTRALIZATION OF ACID MINE DRAINAGE ...Acid Mine Wastes; Acidity (water); Coal; Illinois; Lime Treatment; Limestone-general; Neutralization; ...2.1329

NEUTRALIZATION AND PRECOAT FILTRATION OF CONCENTRATION SLUDGES FROM MINE WATER ...Acid Mine Wastes; Benefit-cost Analysis; Mining Industry; Neutralization; Waste Treatment Economics; ...2.1391

DEVELOPMENT AND OPTIMIZATION OF THE LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Drainage; Acid Mine Wastes; Lime Treatment; Limestone-general; Optimization, Economic; Process Design; Waste Treatment Economics; ...2.1394

GROUNDWATER FLOW IN PARTIALLY SATURATED SOILS ...Groundwater Movement; Model Studies; Seepage (water); Sewage; Soil Permeability; Water Quality Control -general; Water Supply -general; ...2.1412

INVESTIGATION OF RICE IRRIGATION RETURN FLOWS - TEXAS COASTAL PRAIRIE REGION ...Agricultural Runoff;

Fertilizers; Irrigation; Pesticides -nonspecific; Soil Fertility; Water Quality igeneral; ...2.1421

WATER RESERVOIR SYSTEMS ...Atmosphere Disturbance; Flood-flow Design; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Storage; ...2.1786

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1823

BALANCED STORM DRAINAGE ...Inlets; Rainfall - Runoff Relationship; Sewer Systems; Storm Sewer Quantity; Storm Water; ...2.1833

PUBLIC INVESTMENTS IN NATURAL RESOURCES ..Expenditures; Floods; Inventories, Minnesota; Recreation, Water Resources; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1859

NITRATE POLLUTION FROM DISPOSAL OF DAIRY WASTE ...Animal Wastes - Feed Lots; Groundwater; Mineral Nutrition; Soil Profile; Waste Disposal on Soils; ...3.0077

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bos; Effluents - Waste Water; Lysimeters; Rural Areas; Sewage; Soil Aeration; Soil pH; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Erosion; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Structure -other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

HYDROGRAPH METHOD OF SEWER DESIGN ...Hydrographs; Research - Development; Sewer Systems; Storm Sewer Quantity; ...3.0325

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control - general; ...4.0036

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT; Northeast U. S.; Pesticide Residues; Preventative Measures; Sediments; Water Pollutant Identification; Water Quality Control - general; Water Wells; ...4.0037

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam - see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi - nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Endrin; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain; Soil Chemical Properties; Soil Depth; Trifluralin; ...4.0099

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Agricultural Runoff; Degradation -see Pesticide Deg; Endrin; Floods; Pesticide Residues; Saccharum; Water Pollutants - Path of; Water Table - Depth of; ...4.0115

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Ericaceae; Gas Chromatography; Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

IDENTIFICATION AND DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND RUNOFF AND DRAINAGE WATERS. ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0199

SOUTHEAST KANSAS EXPERIMENTAL FIELD ...Carya; Fruit, Nut, and Berry Crops; Juglans; Ornamentals; Pesticide Evaluation; Pesticide Residues; Vegetables; ...4.0326

Drainage Engineering

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water); Alkalinity (water); Chemical Water Properties; Drainage; Mineralogical Water Properties; Pesticide Residuas; Phosphorus and Phosphorus Cpds; Zea Mays - Field Corn; ...2.0149

NITRATE REDUCTION IN THE VICINITY OF TILE DRAINS ...Denitrification; Drainage; Effluents - Waste Water; Filtration; ...2.0894

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Irrigation Engineering; Recharge Pits - Wells (water); Soil Profile; ...2.1026

DRAIN DESIGN FOR NITRATE REDUCTION IN GROUND WATER ...California; Nitrogen and Nitrogen Cpds.; Soil Organic Content; Water Table - Depth of; ...2.1171

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Forecasting - Prediction; Fruit, Nut, and Berry Crops; Soil Depth; Soil Types -also See Specifics; Water Table; ...2.1227

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Fluorine, Growth; Water Table; ...2.1229

Drainage Systems

HIGHWAY DRAINAGE STUDY ...Drainage; Groundwater; Maryland; Sewer Systems; Transportation Design; ...2.0172

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Economic Theory; Hydrographs; Mathematical Analysis; Prediction; Rural Areas; Storm Sewer Quantity; Urban Research -general; ...2.0619

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Flood Control Planning; Floods; Michigan; Rain; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0626

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

Dredging

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Coastal Engineering -general; Eutrophic Lakes; Eutrophication; General Recreation Studies; New York; Plant Productivity -general; Turbidity (water); Waves -see Ocean Waves; ...2.0271

EFFECT OF DREDGING ON THE NUTRIENT LEVELS AND BIOLOGICAL POPULATIONS OF A LAKE ...Acidity (water); Biological Water Properties; Lakes; Nutrients; Phytoplankton; Silting (water) -see Sediment; Turbidity (water); ...2.0365

ECOLOGY OF WESTERN GULF ESTUARIES ...Animal Habitat Studies; Animal Productivity; Estuaries; Management (water); Marine Biology - General; Physical Effects; ...2.0384

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Beta Particles; Canals; Gamma Spectroscopy; Harbors; Marine Geology; Ocean Meteorological Studies; Radioactivity; Seismology; ...2.0424

CORRELATED STUDIES OF VANCOUVER LAKE–WATER QUALITY PREDICTION STUDY ...Columbia River; Lakes; Model Studies; Organic Matter; Sediments; Water Quality Control -general; ...2.0840

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Biological Effects; Centrarchidae; Cyprinidae; Deltas; Flood Control Planning; Osteichthyes -other; Turbidity (water); ...2.1484

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

INVESTIGATION OF THE EFFECTS OF COMMERCIAL HYDRAULIC CLAM DREDGING ON VARIOUS BOTTOM HABITATS OF SELECTED ESTUARINE AREAS ...Animal Habitat Studies; Benthic Organisms -nonspecific; Clams; Environmental Ecology; Mans Pollutional Activities; Sediments; ...2.1533

IMPLEMENTATION OF HABITAT ALTERATIONS ...Amphibious Plants; Animal Succession; Depth (water); Environmental Ecology; Lakes; Population Dynamics -general; Water Depth, Water Levels; ...2.1534

SAND RECOVERY ...Ecological Effects; Hawaii; Marine Biology - General; Pollution Effects -see Water; Recreation, Water Resources; Sand; ...2.1541

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water, Fish; Industrial Wastes; Marine Animals; Mineralogical Water Properties; Physiological Effects; Zooplankton; ...2.1640

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

INSTITUTIONAL SEA GRANT SUPPORT ...Acipenseridae; Estuaries; Legal Review; Marine Animals; North Carolina; Serranidae; Water Resources Development; ...2.1886

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Coastlines - Shorelines; Economics of Natural Resources; Lake Superior; Recreation, Outdoor; Regional Economics; Solid Waste; Tectonics; Water Quality Control - general; ...2.1937

Drilling and Coring

ENVIRONMENTAL CONTROL RESEARCH - CONTROL TECHNIQUES DEVELOPMENT ...Air Pollution Analysis; Coal; Gases; Mine Atmosphere Conditions; Mine Hydrology; ...1.0630

GEOLOGIC INVESTIGATIONS, NEVADA TEST SITE ...Alluvium - Alluvial; Borehole Geophysics; Faults - Geology; Nevada; Water Table; ...2.0070

AREAL DISTRIBUTION AND PROVENANCE OF SEDIMENTS IN ST. GEORGE RIVER, KNOX COUNTY, MAINE ...Core Analysis; Estuaries, Maine; Mineral Analysis; Sediment Provenance Studies; Sediments; Size; ...2.0168

EVALUATION OF THE MAGOTHY AQUIFER - ANNAPOLIS AREA, MARYLAND ...Aquifers; Management (water); Model Studies; Saline Water Intrusion; Size; Water Resources Development, ...2.0169

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0341

SANITARY LANDFILLS IN COAL STRIP MINES ...Coal; Groundwater; Leaching; Sanitary Landfills; Water Pollutants - Path of; Water Quality Control -general; ...2.0341

SEDIMENTARY FACIES IN LAKE BUTTE DES MORTS, WISCONSIN ...Depth (water); Eutrophication; Mineralogical Properties; Organic Properties; Size; Wisconsin; ...2.0458

SEDIMENTOLOGY OF LOUISIANA'S ESTUARIES ...Aquatic Soils; Chemical Properties; Louisiana; Nitrogen and Nitrogen Cpds.; Sedimentation; Size; ...2.0604

DETECTION AND LOCATION OF CONCEALED ABANDONED UNDERGROUND MINES AND ASSOCIATED DRAINAGE BY GEOPHYSICAL AND GEOCHEMICAL TECHNIQUES ...Drainage; Dyes; Geophysical Analysis; Infrared Radiation; Seismology; Water Pollution Sources; ...2.0760

WASTE DISPOSAL BY HYDRAULIC FRACTURING ...New York; Radioisotopes; Recovery - Production; Seismology; Waste Disposal, Underground; Water Pollution Sources; ...2.1105

POTOMAC RIVER BASIN PROJECT ...Alluvium - Alluvial; Groundwater; Mapping; River Basins; Water Table; ...2.1117

MINE SPOIL POTENTIALS FOR WATER QUALITY AND CONTROLLED EROSION ...Agricultural Runoff; Mineralogical Properties; Strip Mines; Weathering Products; ...2.1452

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Groundwater; Illinois; Leaching; Soil Tillage; Waste Disposal on Soils; ...3.0133

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Element Ratios; Environmental Geology; Evolution; Genetic Relationships; Geochemical Investigations; Lead; Petrology; Radiochemical Analysis; Uranium; ...5.0016

CENTRAL NEVADA GEOLOGIC INVESTIGATIONS ...Geologic Maps; Geology -general; Local Stratigraphy; Maps -general; Nevada; Seismology; Structural Analysis - Geology; ...5.0020

Drying

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues; Costs -see Economics Entries; Food Processing Industries; Freeze Drying; Pilot Plants; Precipitation; Waste Drying; Waste Treatment Economics; ...3.0305

PAPER AND FIBERBOARD PROCESSES ...Additives; Combustion Air Pollution-gen; Fabrication; Industrial Wastes; Materials, Composite; Pulp and Paper; Solanum; ...3.0407

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing, Cobalt; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

Freeze Drying

EVALUATION OF A NEW 'CRYOGENIC SAMPLER' FOR FIELD USE ...Air Pollution Analysis; Air Pollution Sampling; Air Pollution-chemistry; Analytical Instruments; Concentration; Temperature Effects; Trace Analysis; ...1.0854

THE SEPARATION AND IDENTIFICATION OF TRACE ORGANICS OF INDUSTRIAL ORIGIN IN NATURAL WATERS ...Adsorption; Concentration; Gas Chromatography; Infrared Spectroscopy; Organic Matter; Spectrographic Techniques, ...2.0581

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues; Costs -see Economics Entries; Drying; Food Processing Industries; Pilot Plants; Precipitation; Waste Drying; Waste Treatment Economics; ...3.0305

Dust

COMPLETE THE ENGLAND SMOKESHADE - U.S. PARTICULATE COMPARISON STUDY ...Air Pollution -see Specifics; British Isles; Mathematical Analysis; Particulates - Air Pollution; Statistics; ...1.0101

ATMOSPHERIC DUST AND MOLD SPORE STUDIES ...Air Pollution -see Specifics; Health & Geographic Factors; Mercury; North Dakota; Phosphorus and Phosphorus Cpds; ...1.0115

VENTILATION DURING TUNNEL CONSTRUCTION ...Air Pollution-chemistry; Legal Studies-general; Particulate Matter - Air Poll.; Smoke -see Air Pollution; Tunnels; ...1.0140

PULMONARY DEPOSITION AND CLEARANCE OF DUST IN MAN ...Air Pollution -see Specifics; Digestive System - Human; Equidae; Medical Physics; Respiratory Irritants, Inhaled; Tobacco -cigarettes; Urban Environment; ...1.0230

STRUCTURES AND EQUIPMENT TO MINIMIZE STRESS ON BEEF CATTLE ...Air Pollution -see Specifics; Excessive Moisture; Farm Structures & Design; Rain; Wind -see Air Motion; ...1.0309

EFFECTS OF DUSTS ON VEGETATION ...Air Pollution; Air Pollution Effects; Cell Injury and Autolysis; Industrial Pollution - general; Particulates - Air Pollution; Urban Environment; ...1.0320

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Air Pollution -see Specifics; Environmental Physiology; Gallus Domesticus; Microorganisms -nonspecific; Remote Sensing; Temperature - Air; ...1.0350

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Air Pollution -see Specifics; Environmental Physiology; Humidity; Solar Light; Wind -see Air Motion; ...1.0374

MT STORM - W VIRGINIA - GARRETT COUNTY - MARYLAND ABATEMENT ACTION - FIELD INVESTIGATION ...Air Pollution-chemistry; Chemical Analysis -general; Fluorine; Industrial Pollution -general; Leaf Analysis; Monitoring; Nitrogen and Nitrogen Cpds.; ...1.0399

GASES AND PARTICULATES IN POULTRY HOUSES ...Air Pollution -see Specifics; Gallus Domesticus; Methane; Poultry Industry; Wind -see Air Motion; ...1.0416

AN EMISSION AND CONTROL COST STUDY OF THE FEED AND GRAIN INDUSTRY ...Agricultural Studies -general; Air Pollution -see Specifics; Costs -see Economics Entries; Feed Processing Industries; ...1.0462

DETERMINATION OF MASS FLOW AND CONCENTRATION OF SUSPENSIONS ...Air Pollution-chemistry; Chemical Analysis -general; Coal Research; Combustion; Electrostatic; Fuels; Furnace and Incinerator Design; ...1.0554

CLOSED LOOP FILTERING SYSTEM FOR USE IN COTTON GINS ...Fibers; Filters; Gossypium; Particulate Matter - Air Poll.; ...1.0592

FILTRATION OF AEROSOLS BY GRANULAR BEDS ...Additives; Air Cleaning Devices; Combustion; Energy Conversion; Furnace and Incinerator Design; ...1.0595

THE DUST LAYER AND PRECIPITATOR EFFICIENCY ...Electrical Phenomena; Electrostatic; Electrostatic Precipitators; Energy Conversion; Particulates - Air Pollution; ...1.0627

THE APPLICATION OF THE DIFFRACTION SIZE FREQUENCY ANALYSER TO THE ASSESSMENT OF DUST HAZARDS IN CANADIAN INDUSTRY ...Air Pollution Sampling; Canada; Occupational Hazards; Particulates - Air Pollution; ...1.0681

ANALYSIS OF QUARTZ AND OTHER MINERALS IN DUSTS BY DTA ...Air Pollution -see Specifics; Particulates - Air Pollution; ...1.0723

MEASUREMENT TECHNIQUES FOR PRE-ALLERGENS ...Air Pollution -see Specifics; Aldehydes -nonspecific; Literature Search; ...1.0791

AN INTEGRATED SYSTEM FOR SAMPLING STACK EMISSIONS ...Air Pollution Analysis; Air Pollution Monitoring; Air Pollution Sampling; Combustion; Combustion Air Pollution-gen; Fluid Mechanics; Furnace and Incinerator Design; ...1.0858

FARM ANIMAL WASTES MANAGEMENT ...Air Cleaning Devices; Bos; Farm Animal Wastes; Poultry -nonspecific; Waste Type; ...3.0167

EVALUATION OF MEAT ANIMAL HOUSING SYSTEMS IN RELATION TO POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Farm Structures & Design; Groundwater; Space Requirements; Wind -see Air Motion; ...3.0299

CALIBRATION OF RESPIRABLE DUST SAMPLERS FOR INHALATION HAZARD EVALUATION ...Aerosols; Air Pollution -see Specifics; Radiation Effects - Biological; Radioactive Hazard; Radioisotopes -nonspecific; Respiratory Irritants, Inhaled; Toxic Substances; ...5.0864

Dye Wastes

DETERMINATION OF DEGRADED DYES AND AUXILIARY CHEMICALS IN EFFLUENTS FROM TEXTILE DYEING PROCESSES ...Chromatography; Industrial Wastes; Lagoon; Spectrographic Techniques; Textile Industry; Waste Water Treatment -general; ...2.0555

GAMMA RADIATION OF TEXTILE WASTE WATER TO REDUCE POLLUTION ...Biochemical Oxygen Demand; Chemical Mechanisms & Kinetics; Detergents -see Surfactants; Industrial Wastes; Radiolysis; Temperature; Textile Industry; Waste Water Treatment -general; ...2.1141

COLOR REMOVAL FROM TEXTILE DYE WASTES BY COAGULATION ...Biochemical Oxygen Demand; Coagulation; Color; Color (water); Electrochemistry; Industrial Wastes; Textile Industry; ...2.1142

EDDY DIFFUSION AND BACTERIAL REDUCTION IN WASTE FIELDS ...Bacteria; Coliforms -nonspecific; Light; Marine Plants; Optical Properties of Water; Waste Treatment - Radiation; ...2.1181

DEEPWATER PILOT PLANT ENGINEERING AND INTERCEPTOR FEASIBILITY STUDY ...Biochemical Oxygen Demand; Delaware Bay; Industrial Wastes; New Jersey; Pilot Plants; Waste Treatment Economics; ...2.1340

TREATMENT OF DYEING BATH WASTE STREAMS BY FOAMING AND FLOTATION TECHNIQUES ...Adsorption; Chemical Effects; Fibers; Foam; Plastics; Southeast U. S.; Textile Industry; ...2.1441

Dyes -nonspecific

PESTICIDE APPLICATION EQUIPMENT IN RELATION TO DRIFT OF PESTICIDE AND PEST CONTROL ...Cab-o-sil; Medicago; Methoxychlor; Nozzles; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; ...4.0009

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Mima; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

EARLY SQUAMATION OF BLUEGILL (LEPOMIS MACROCHIRUS) AND FATHEAD MINNOWS (PIMEPHALES PROMELAS) EXPOSED TO AROCLORS ...Aroclor; Fish; Laboratory Animals; Lepomis Macrochirus; Minnows; Pesticide Action on Animals; ...4.0721

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPECIES IN COTTON AND OTHER HOST PLANTS ...Aliphatic Carbamates; Animal Resistance; DDT; Insect Resistance; Methyl Parathion; Pesticides -other; Sevin; ...4.1037

PHOTO- AND RADIOCHEMICAL REACTIONS OF NUCLEIC ACIDS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Kinetics; Radiation; Radiation Chemistry - biophys.; X and Gamma Rays; ...5.0170

PHOTOINACTIVATION AND CELLULAR REPAIR ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Escherichia Coli; Radiation; Radiation -see Specifics; Ultra Violet Radiation; ...5.0296

PULSE RADIOLYSIS IN RADIATION BIOLOGY ...Chemical Mechanisms & Kinetics; Kinetics, Pulse Radiolysis; Radiation Chemistry -biophys.; Radiation Sources -general; ...5.0298

IN VITRO EFFECT OF IMMUNOSUPPRESSIVE AGENTS ON MARROW CELLS ...Cytotoxin; Radiation Sensitivity -man; X and Gamma Rays; ...5.0313

LASER RADIATION IN PHOTOCHEMISTRY AND PHOTOBIOLOGY ...Flash; Hazardous Materials; Laser Effects - bioeffects; Photochemical Reactions; Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0387

STUDY OF THE LATENT EFFECTS OF GAMMA IRRADIATION ON HUMAN ENAMEL ...Phosphorus and Phosphorus Cpds; Radiation Effects - Biological; Sulfur; X and Gamma Rays; ...5.0568

EFFECT OF PH ON CALCIUM AND PHOSPHORUS DEMINERALIZATION OF IRRADIATED TOOTH ENAMEL ...Phosphorus and Phosphorus Cpds; Sulfur; X and Gamma Rays; ...5.0569

Eastern U. S.

RESPONSE OF EASTERN CONIFERS TO POLLUTANT MIXTURES AT SPECIFIED TIMES DURING NEEDLE DEVELOPMENT ...Air Pollution Effects; Conifers; Gases; Herbicides and Other Chem; Sulfur Dioxide; ...1.0398

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination; Landfill; Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

HEALTH EFFECTS OF TOXIC CHEMICALS WITHIN THE WATER ENVIRONMENT ...Animal Toxins; Clams; Lead; Marine Environments; Pollution Effects -see Water; ...2.1697

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Government -see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

LEGAL ASPECTS OF WATER RIGHTS AND WATER QUALITY IN EASTERN STATES ...Appropriation; Legal Review; Riparian Rights; Water Allocation; Water Quality -general; Wisconsin; ...2.1931

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties; Gramineae; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; Water Cycle; ...5.0032

ENVIRONMENTAL BIOLOGY - EFFECTS OF IONIZING RADIATION ON TERRESTRIAL ECOSYSTEMS ...Ionizing Radiation -see Rad.; Plant Population Dynamics -gen; Plant Succession; Radiation Resistance; ...5.0539

THEORETICAL ACOUSTICS ...Acoustics; Atlantic Ocean; Noise; Ocean Meteorological Studies; Sound Attenuation Acoustics; Turbulence; ...6.0005

Echinodermata

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity - general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

THE BIOLOGY OF THE INFAUNA OF A TROPICAL SOFT BOTTOM AREA ...Annelida; Bays; Estuaries; Marine Environments; Tropical Regions; ...2.1530

THE BIOLOGY OF TROPICAL BOTTOM INVERTEBRATES ...Cirripedia; Environmental Ecology; Marine Pollution; Tropical Regions; ...2.1531

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

EFFECTS OF PESTICIDES ON MARINE ANIMALS ...Developmental Physiology; Hippolyte; Invertebrate Physiology; Marine Pollution; Pesticide Toxicity in Animals; ...4.0593

PROTEIN SYNTHESIS DURING EARLY DEVELOPMENT OF THE SEA URCHIN EMBRYO ...Cellular Biosynthesis; Embryology -basic; ...5.0144

RADIATION RESPONSE AND RECOVERY IN SEA URCHIN GAMETES ...Alpha Particles; Cesium; Curium; Invertebrate Physiology; Invertebrates; X and Gamma Rays; ...5.0272

RADIATION-INDUCED MITOTIC DELAY ...Cellular Repair Mechanisms; Invertebrate Physiology; Invertebrates; Puromycin; X and Gamma Rays; ...5.0567

PHOTOBIOLOGICAL STUDIES ON EARLY DEVELOPMENT ...Cell Injury and Autolysis; Embryology -basic; Invertebrates; Radiation; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0768

Economic Efficiency

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Colorado; Federal Government; Legal Studies; Management (water); State Government; Water Quality Control -general; ...2.0981

OXYGEN REGENERATION OF POLLUTED RIVERS ...Aeration (water); Delaware River; Dispersion (water); Water Pollution Abatement; ...2.1038

WATER QUALITY CONTROL ...Circulation (water); Flow Characteristics (water); Industrial Wastes; Model Studies; North Carolina; Systems Analysis - Water Mgmt; Water Quality - general; Water Resources Protection; ...2.1104

IMPROVING SURFACE WATER CONDITIONS THROUGH CONTROL AND DISPOSAL OF AQUATIC VEGETATION ...Eutrophication; Pest Control Measures; Plant Pollutants; Water Quality Control -general; Wisconsin; ...2.1135

COMPATIBILITY OF SUBSURFACE RESERVOIRS WITH INJECTED LIQUID WASTES ...Chemical Analysis (water); Industrial Wastes; Porosity; Sediment Lithification; ...2.1149

WATER TREATMENT BY REVERSE OSMOSIS METHOD ...Fresh Water; Membranes; Pilot Plants; Reverse Osmosis; Waste Water Treatment -general; Water Reuse; ...2.1195

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Canning Wastes -see Food Proc.; Food Processing Industries; Industrial Wastes; Photometry; Plant Waste Removal, Treatment; Taste & Odor of Water; Waste Treatment Economics; Water Quality Control - general; ...2.1249

A SYSTEM APPROACH FOR INTEGRATING GROUNDWATER AND SURFACE-WATER USE ...California; Groundwater; Systems Analysis - Water Mgmt; Waste Water Treatment - general; Water Quality -general; Water Utilization -general; ...2.1787

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Legal Review; Management (water); Model Studies; Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

DATA COLLECTION ECONOMICS FOR WATER POLLUTION CONTROL STUDIES ...Data Acquisition; Northeast U. S.; Statistics; Water Quality Control -general; ...2.1845

AN ENGINEERING ECONOMIC STUDY OF RECLAMATION AND MULTIPLE REUSE AS A WATER SUPPLY ALTERNATIVE ...Model Studies; Water Reuse; Water Standards & Baselines; Water Supply Augmentation; ...2.1854

A COMPENDIUM OF WATER LAW AND ECONOMICS IN NEW HAMPSHIRE ...Easements - Right of Ways; Economic Impact; Legal Review; New Hampshire; Public Access; Water Quality -general; Water Transfer; ...2.1869

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Demand and Use -recreation; Eutrophication; Oregon; Recreation, Water Resources; Types of Resources; Water Quality Control -general; ...2.1898

CRITERIA FOR DETERMINING ECONOMIC PRIORITIES IN AWARDING SEWAGE FACILITY CONSTRUCTION GRANTS ...Factor Analysis; Pennsylvania; Waste Treatment Economics; Welfare Economics; ...2.1908

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Administrative Organizations; Management (water); Regional Or State Studies; River Basins; Water Quality Control - general; Water Resources Development; Wisconsin; ...2.1933

ANALYSIS OF POLICY ISSUES POSED BY WATER AND RELATED LAND RESOURCES PROGRAMS IN THE METROPOLITAN REGION ...Benefit-cost Analysis; Economic Impact; Land Use; Riparian Rights; Water Quality -general; ...2.1934

RECOVERY OF AMINO ACIDS FROM POTATO STARCH FACTORY SECONDARY WASTES ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Ion Exchange; Process Development; Product Development Research; Solanum; Water Quality Control -general; ...3.0041

AERATED SEWAGE LAGOON INVESTIGATION - BOISSEVAIN ...Aeration (water); Canada; Sewage - Domestic; Sewage Lagoons; Waste Water Treatment -general; ...3.0089

EVALUATION OF THE APPLICABILITY OF AERATED LAGOONS FOR SEWAGE TREATMENT ON THE CANADIAN PRAIRIES ...Activated; Aeration (water); Canada; Lagoon; Sewage - Domestic; Sewage Lagoons; Waste Treatment Economics; ...3.0090

SENSORS FOR CONTROLLING THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Detectors and Sensors; Effluents - Waste Water; Georgia; Waste Treatment Economics; ...3.0116

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Animal Wastes - Feed Lots; Environment; Erosion; Livestock -nonspecific; Optimization, Economic; Pesticides -nonspecific; Sediments; Welfare Economics; ...4.1013

Economic Feasibility

EFFECTS OF FURROW, SPRINKLER AND SUBIRRIGATION METHODS ON POTENTIAL POLLUTION OF GROUNDWATER BY NITRATES AND OTHER SOLUTES ...Furrow Irrigation; Irrigation; Nitrification; Soil Moisture; Subsurface Irrigation; Water Pollutants - Path of; ...2.0381

REMOVAL OF NUTRIENTS FROM ENRICHED FLOWS & WASTE EFFLUENTS BY THE HYDROPONIC CULTURE OF SUITABLE FORAGE PLANTS & GRASSES ...Benefit-cost Analysis; Effluents - Waste Water; Nutrients; Waste Treatment Economics; Waste Water Treatment -general; ...2.1081

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Foreign Agriculture; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Sewage; Water Pollution Abatement; Water Quality -general; ...2.1196

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Flume Studies; Irrigation; Planting Methods; Rock - Soil Pollution; Soil Chemical Properties; Soil Profile; Waste Disposal on Soils; ...3.0008

DEMONSTRATION OF A RECIRCULATING SWINE WASTE TREATMENT SYSTEM USING A ROTATING BIOLOGICAL CONTRACTOR ...Animal Wastes -, Feed Lots; Farm Animal Wastes; Sus; Water Reuse; ...3.0144

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Clay Soils; Farm Animal Wastes; Irrigation; Livestock -nonspecific; Poultry -nonspecific; Silty Soils; Soil Types -also See Specifics; Waste Disposal on Soils; Zea Mays - Field Corn; ...3.0147

PRODUCTION EFFICIENCY IN CAGE EQUIPPED LAYING HOUSES AS INFLUENCED BY LABOR PRACTICES ...Farm Animal Wastes; Gallus Domesticus; ...3.0150

FEED AND WASTE REMOVAL STRUCTURES FOR LIVESTOCK ...Bos; Farm Animal Wastes; Farm Structures & Design; ...3.0208

AGRICULTURAL WASTES - POULTRY MANURE DISPOSAL AND USE ...Gallus Domesticus; Microorganisms -nonspecific; Phaseolus; Soil pH; Vegetables; ...3.0297

WOOD RESIDUE PRODUCTION AND FEASIBILITY OF CONVERSION TO A SALEABLE PRODUCT ...Contamination - Soil; Forest Environment -general; Forest Industry; Industrial Pollution -general; Soil Microbiology; ...3.0394

FOREST PRACTICE ALTERNATIVES IN CENTRAL ALABAMA ...Atrazine; D, 2,4-; Forest Management; Liquids Or Sprays; Pesticide Evaluation; Pinus -nonspecific; Simazine; ...4.0206

PESTICIDES AND GROWTH REGULATORS FOR FRUIT CROPS ...Acaricides -nonspecific; Concentrates; Economics of Chemical Control; Liquids Or Sprays; Pesticide Phytotoxicity; Prunus Ceracus & P. Avium; Temperature - Air; ...4.0361

PHYSIOLOGY OF CITRUS FRUIT ABSCISSION ...Abscission; Citrus; Cycloheximide; Enzymes; Herbicides and Other Chem; Pesticide Evaluation; Temperature - Air; ...4.1007

Economic Impact

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation; Lakes; Pollution Effects -see Water; Regional Economics; Urban Environment; Waste Water Treatment -general; Water Quality -general; ...2.0721

ECONOMIC AND INSTITUTIONAL ANALYSIS OF A WASTE WATER RECLAMATION AND REUSE PROJECT ...Administrative Organizations; Waste Water Treatment -general; Water Reuse; Water Supply -general; Water Supply Augmentation; ...2.1192

THE IMPACT OF MUNICIPAL SEWERAGE CHARGES ...Costs -see Economics Entries; Industrial Wastes; Price & Value -see Economics; Public Utilities; Sewage; Waste Treatment Economics; ...2.1194

IMPACT OF CHANGES IN TECHNOLOGY ON WATER USE ...Agricultural Economics; Consumptive Use (water); Government -see Federal Gov.; Water Costs; Water Standards & Baselines; ...2.1219

EFFECTS OF ECONOMIC DEVELOPMENT UPON WATER RESOURCES ...Data Acquisition; Data Reduction and Analysis; Forecasting - Prediction; Industrial Wastes; Management (water); Model Studies; Water Pollution Abatement; ...2.1289

MARKETS TO 1980 FOR WASTE WATER TREATMENT AND RENOVATION FACILITIES ...Chemical Treatment (water); Forecasting - Prediction; Marketing; Waste Water Treatment -general; ...2.1795

EVALUATION OF BENEFIT-COST ESTIMATION OF THE ECOLOGIC AND ECONOMIC IMPACTS FROM WATER RESOURCES CONSERVATION AND DEVELOPMENT ...Benefit-cost Analysis; Ecological Effects; Georgia; Small Watersheds; Water Conservation -general; Water Resources Planning; ...2.1816

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates -general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Aquatic Ecology - Animal; Chemical Water Properties; Kentucky; Plant Freshwater Ecology; Regional Economics; Social Aspects; Water Quality -general; ...2.1835

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTH MISSISSIPPI ...Benefit-cost Analysis; Erosion; Land Use; Mississippi; Sediments; Water Resources Planning; Watersheds; ...2.1861

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Industrial Wastes; Irrigation; Legal Studies; Sanitary Landfills; State Government; Water Quality -general; Water Rights; Water Utilization -domestic; ...2.1862

ECONOMIC IMPACTS OF WATER POLLUTION CONTROL PROGRAMS ON CATTLE FEEDLOTS ...Agricultural Watersheds; Beef Industry; Bos; Water Pollution Abatement; Water Resources Planning; ...2.1864

A COMPENDIUM OF WATER LAW AND ECONOMICS IN NEW HAMPSHIRE ...Easements - Right of Ways; Economic Efficiency; Legal Review; New Hampshire; Public Access; Water Quality -general; Water Transfer; ...2.1869

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties - general; Water Transfer; ...2.1870

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; Lakes; North Carolina; Soil Cover Crops; Surveying; Urban Research -general; Water Quality -general; Water Yield; Weather Data; ...2.1892

ECONOMIC EVALUATION OF WATER POLLUTION CONTROL ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Management (water); Model Studies; Recreation, Water Resources; Water Quality Control -general; Welfare Economics; ...2.1899

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Oregon; Regional Economics; Water Demand, Welfare Economics; ...2.1900

SOCIO-ECONOMIC FACTORS RELATED TO THE INCIDENCE OF A WATER-BORNE DISEASE ...Bacterial Pollutant Sources; Community - Social Studies; Digestive System - Human; Intestinal Bacteria; Puerto Rico; Social Aspects; Water Pollution -see Specifics; ...2.1909

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Cost-benefit Analysis; Land Use; Optimization, Economic; Recreation, Outdoor; Texas; User Characteristics -rec.; Water Resources Planning; Water Resources Protection; ...2.1920

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation, Water Resources; Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

ANALYSIS OF POLICY ISSUES POSED BY WATER AND RELATED LAND RESOURCES PROGRAMS IN THE METROPOLITAN REGION ...Benefit-cost Analysis; Land Use; Riparian Rights; Water Quality -general; ...2.1934

STUDY OF THE APPLICABILITY OF EFFLUENT CHARGES TO WATER QUALITY MANAGEMENT IN THE STATE OF WISCONSIN ...Literature Search; Water Costs; Water Resources Planning; Wisconsin; ...2.1935

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization -general; ...2.1936

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Pri-

mary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Animal Wastes - Feed Lots; Economic Efficiency; Environment; Erosion; Livestock - nonspecific; Optimization, Economic; Pesticides -nonspecific; Sediments; Welfare Economics; ...4.1013

METROPOLITAN AIRCRAFT NOISE ABATEMENT STUDY (LOGAN INTERNATIONAL AIRPORT) ..Land Use; Massachusetts; Noise; Noise Abatement; Urban Research -general; ...6.0007

Economic Losses (or Benefits)

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation, Water Resources; Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Biological Control; Chlorobenzilate; Chlorphenamidine; Medicago; Pesticide Application Rates; Pesticide Evaluation; Toxaphene; ...4.0010

EXTENDING THE MARKET LIFE OF CALIFORNIA CITRUS FRUITS IN FOREIGN MARKETS ...Diphenyl; Foreign Agriculture; International Economics; Pesticide Tolerance Rate; Residues in Foods; Retail; ...4.0228

CURRANT STEM GIRDLER AND CURRANT BORER ...Animal Life History Studies; Biological Control; Insecticides -nonspecific; Pesticide Evaluation; Pesticide Residues; Population Dynamics - general; Saxifragaceae; ...4.0416

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Furadan; Malathion; Oleaceae; Pesticide Phytotoxicity; Population Dynamics -general; Thimet; ...4.0433

INTEGRATED CONTROL OF INSECT AND MITE PESTS OF APPLE ORCHARDS ...Arachnida; Biological Control; Insecticides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0441

BIOLOGICAL CONTROL OF COTTON INSECTS ...Animal Life History Studies; Biological Control; Insecticides -nonspecific; Pest Control Measures; Viruses - Animal; ...4.0552

Economic Mineral Appraisals

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning, Wetlands; ...2.0540

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Environmental Geology; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste; Water Supply - general; ...2.1823

NORTHERN ANTHRACITE FIELD ...Anthracite; Geologic Maps; Pennsylvanian Period; Structural Analysis - Geology; ...3.0024

TAILINGS DISPOSAL SYSTEM (EFFECT OF DAM DESIGN ON/EFFLUENT QUALITY, SUBSTRATA STUDIES, SURFACE & SUBSURFACE DISPOSAL) ...Dams -general; Land Use; Mine Structures; Mine Wastes; Waste Disposal, Underground; Water Pollution Effects; Water Pollution Sources; ...3.0340

Economic Production & Process

Capital & Financial Management

AN EMISSION AND CONTROL COST STUDY OF THE REACTIVE METALS INDUSTRY ...Air Pollution; Air Pollution-chemistry; Chemical Industry; Economic Geology -general; Industry; Management; ...1.0450

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Consumption; Economic Projections- Forecast; Forecasting - Prediction; Statistics; Water Costs; Water Resources Planning; Water Transfer; ...2.1874

Equipment & Machinery

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Agricultural Economics; Alaska; Cost-benefit Analysis; Forest Fires -see Fire; Helicopters; Recreation, Outdoor; Types of Resources; ...1.0656

Labor Input

LABOR EFFICIENCY AS AFFECTED BY DAIRY HOUSING FACILITIES ...Agricultural Economics; Costs -see Economics Entries; Dairy Industry; Farm Animal Wastes; Farm Structures & Design; ...3.0187

LABOR REQUIREMENTS FOR PERFORMING FARMSTEAD WORK ELEMENTS ...Agricultural Economics; Bos; Economic Studies -general; Farm Animal Wastes; Farm Structures & Design; Management; ...3.0195

Management

AN EMISSION AND CONTROL COST STUDY OF THE REACTIVE METALS INDUSTRY ...Air Pollution; Air Pollution-chemistry; Chemical Industry; Economic Geology -general; Industry; ...1.0450

MULTIPURPOSE REGIONAL MARINE SCIENCE CENTER (SEA LAB) ...Agricultural Economics; Economics & Technology; Marketing; Oceanography -general; Water Pollution Effects; ...2.1889

SYSTEMS APPLICATIONS IN AGRICULTURE ...Agricultural Economics; Farm Animal Wastes; Forest Management; Marketing; Soil Water Plant Relationships; ...3.0185

LABOR REQUIREMENTS FOR PERFORMING FARMSTEAD WORK ELEMENTS ...Agricultural Economics; Bos; Economic Studies -general; Farm Animal Wastes; Farm Structures & Design; Labor Input; ...3.0195

AN INVESTIGATION INTO THE RELOCATION OF A PORTION OF THE WHEAT SUPPLY FOR NATIONAL SECURITY CONSIDERATIONS ...Agricultural Economics; Costs -see Economics Entries; Marketing; Political Processes & Systems; Regional Economics; ...5.0071

Enterprise Studies

RESEARCH STUDIES RELATED TO DEVELOPMENT OF A CRAWFISH PROCESSING INDUSTRY IN LOUISIANA ...Commercial Fishing; Crayfish; Farm Animal Wastes; Food Engineering & Technology; Mammals -nonspecific; Marketing; Supply; ...3.0374

Optimization - Feasibility

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Desalination; Electrodialysis; Irrigation; Salinity (water); Soil Saline Properties; ...2.1804

ECONOMIC EVALUATION OF THE EFFECT OF SELECTED CROP PRACTICES ON NON-AGRICULTURAL USES OF WATER ...Agricultural Studies -general; Costs -see Economics Entries; Mathematical Models; Optimization, Economic; Sediments; Water Costs; Water Quality -general; ...2.1828

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

ECONOMICS OF GRADE A DAIRYING ...Agricultural Economics; Bos; Costs -see Economics Entries; Dairy Industry; Farm Animal Wastes; ...3.0057

APPRAISAL OF ADJUSTMENTS IN WISCONSIN AND OTHER LAKE STATES DAIRY FARMING ...Agricultural Economics; Bos; Costs -see Economics Entries; Farm Animal Wastes; Farm Structures & Design; Supply; Wisconsin; ...3.0349

PRODUCTION AND QUALITY OF APPLES IN HIGH DENSITY PLANTINGS USING DWARFING ROOTSTOCKS ...B9; Fruit, Nut, and Berry Crops; Irrigation; Pathological Physiology; Pesticide Phytotoxicity; Phytophthora; Pyrus Malus; ...4.0250

Production Size: Economies of

STUDY OF ECONOMICS OF HOSPITAL SOLID WASTE SYSTEMS ...Administration and Management; Equipment Costs; Hospitals; Solid Waste Management; ...5.0192

Supply

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Consumption- Economic Projections- Forecast; Forecasting - Prediction, Statistics; Water Costs; Water Resources Planning; Water Transfer; ...2.1874

IMPROVED MARKETING PRACTICES AND MARKETS FOR LUMBER AND OTHER MANUFACTURED PRODUCTS OF EASTERN HARDWOODS ...Agricultural Economics; Consumption; Costs -see Economics Entries; Manufacturing; Mulches; Processing; Tsuga; ...3.0344

APPRAISAL OF ADJUSTMENTS IN WISCONSIN AND OTHER LAKE STATES DAIRY FARMING ...Agricultural Economics; Bos; Costs -see Economics Entries; Farm Animal Wastes; Farm Structures & Design; Optimization - Feasibility; Wisconsin; ...3.0349

RESEARCH STUDIES RELATED TO DEVELOPMENT OF A CRAWFISH PROCESSING INDUSTRY IN LOUISIANA ...Commercial Fishing, Crayfish, Enterprise Studies; Farm Animal Wastes; Food Engineering & Technology; Mammals -nonspecific; Marketing; ...3.0374

WORLD ELECTRONIC INDUSTRIES ...Air Pollution Monitoring, Consumption; Economic Projections- Forecast; Electronics Engineering; Instrument Services; Meteorologic Instruments -gen.; Noise -see Noise; ...6.0071

Economic Projections- Forecast

MEASURING PERFORMANCE IN PUBLIC PROGRAMS ...Air Pollution; Cost-benefit Analysis; Public Health; Technology - Social Impact; Water Quality -general; ...1.0442

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography, Forecasting - Prediction; Land Use; New Jersey; River Basins; Urban Environment; Urban Research; Water Pollution Sources; Water Utilization domestic; ...2.0251

MARKETS TO 1980 FOR WASTE WATER TREATMENT AND RENOVATION FACILITIES ...Chemical Treatment (water); Economic Impact; Forecasting - Prediction; Marketing; Waste Water Treatment -general; ...2.1795

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Desalination; Electrodialysis; Irrigation; Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1804

INPUT-OUTPUT ANALYSIS OF GENERATION AND ELIMINATION OF POLLUTION IN THE UNITED STATES ECONOMY ...Air Pollution; Benefit-cost Analysis; Income Development & Growth; Process Development; Water Chemistry; ...2.1848

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Consumption; Forecasting - Prediction; Statistics; Water Costs; Water Resources Planning; Water Transfer; ...2.1874

WORLD ELECTRONIC INDUSTRIES ...Air Pollution Monitoring, Consumption; Electronics Engineering; Instrument Services; Meteorologic Instruments -gen.; Noise -see Noise; Supply; ...6.0071

Economic Studies -general

AN EVALUATION OF FREE TRANSIT SERVICE ...Consumption; Land Use; Massachusetts; Social Aspects; Traffic Engineering; Transportation; Transportation Management; Urban Research - general; ...1.0446

ECE QUESTIONNAIRE ANALYSIS AND STUDY PROPOSAL ...Air Pollution; Air Pollution -see Specifics; Economic Geology - general; ...1.0454

CHARACTERISTICS AND REMOVAL OF PYRITE FROM AMERICAN COALS ...Air Pollution-chemistry; Desulfurization, Energy Conversion; Heating Systems; Separation; Washing; ...1.0431

DISPOSAL OF HEATED WATER THROUGH GROUND WATER SYSTEMS ...Groundwater; Mathematical Models; Physical Models; Thermal Pollution; Water Wells; ...2.1625

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Legislation - Zoning; Price & Value - see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

COMPREHENSIVE STUDIES OF SOLID WASTES MANAGEMENT ...Development of Models; Disposal; Land Use; Public Utilities; Regional Or State Studies; Solid Waste; ...5.0066

NATIONAL CONFERENCE ON SOLID WASTES DISPOSAL SITES ...Disposal; Federal Government -see Gov.; Government - see Federal Gov.; Management (water); Sanitary Landfills; Urban Environment; Waste Disposal-see Solid Waste; ...5.0120

SYSTEMS APPLICATIONS IN AGRICULTURE ...Agricultural Economics; Farm Animal Wastes; Forest Management; Marketing; Soil Water Plant Relationships; ...3.0185

LABOR REQUIREMENTS FOR PERFORMING FARMSTEAD WORK ELEMENTS ...Agricultural Economics, Bos; Farm Animal Wastes; Farm Structures & Design; Labor Input; Management; ...3.0195

Regional Economics

THE SOCIAL AND ECONOMIC IMPACT OF THE SUBSTITUTION OF LOW SULFUR COAL FOR HIGH SULFUR COAL - A PILOT STUDY OF MONONGALIA COUNTY, W. VA. ...Coal; Combustion Air Pollution-gen; Economic Geology - general; Extractive Natural Resources; Legal Studies-general; West Virginia; ...1.0445

ENVIRONMENT AND HUMAN RESPONSE ...Air Pollution -see Specifics; Economics of Natural Resources; Recreation, Water Resources; Rural Sociology; Urban Planning; ...1.0495

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation; Economic Impact; Lakes; Pollution Effects -see Water; Urban Environment, Waste Water Treatment -general; Water Quality - general; ...2.0721

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis; Management (water); Multiple Purpose Reservoirs; Potable Water; Social Aspects; Waste Water Treatment -general; Water Resources Planning; ...2.0967

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains, Optimization, Economic; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

LAKE MICHIGAN WATER QUALITY MODEL ...Chemical Water Properties; Management (water); Mineralogical Water Properties; Rain; Water Quality -general; ...2.1825

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Aquatic Ecology - Animal; Chemical Water Properties; Economic Impact; Kentucky; Plant Freshwater Ecology; Social Aspects; Water Quality -general; ...2.1835

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Floods; Inventories; Minnesota; Recreation, Water Resources; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1859

ECONOMIC EVALUATION OF WATER POLLUTION CONTROL ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Management (water); Model Studies; Recreation, Water Resources; Water Quality Control -general; Welfare Economics; ...2.1899

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation, Oregon; Water Demand; Welfare Economics; ...2.1900

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Benefit-cost Analysis; Demand and Use -recreation; Estuaries; Land Use; Oceanography -general, Rhode Island; Survey Studies (water); Water Quality Control -general; ...2.1911

ATTITUDES, OPINIONS AND GOALS CONCERNING REGIONAL RESOURCE PLANNING AND DEVELOPMENT ...Attitudes & Attitude Change; Computer Methods -general; Economic Planning; Government -see Federal Gov.; River Basins; Vermont; ...2.1922

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation, Water Resources; Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

SOCIO ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Generators; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Social Aspects; Water Pollution Effects; ...2.1929

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization - general; ...2.1936

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Coastlines - Shorelines; Economics of Natural Resources; Lake Superior; Recreation, Outdoor; Solid Waste; Tectonics; Water Quality Control -general; ...2.1937

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ...Building Design; Coastlines - Shorelines; Economic Planning; Mathematical Models; Planning; Urban Planning; Water Quality -general; ...3.0084

WATER AND SEWERAGE FACILITIES REPORT ...Expenditures; Illinois; Missouri; Public Utilities; Urban Research -general; Water Supply Facilities; ...3.0123

AN INVESTIGATION INTO THE RELOCATION OF A PORTION OF THE WHEAT SUPPLY FOR NATIONAL SECURITY CONSIDERATIONS ...Agricultural Economics; Costs -see Economics Entries; Management; Marketing; Political Processes & Systems; ...5.0071

Economic Theory

OPTIMAL CONTROL OF POLLUTION DISTRIBUTION ...Computer Models; Taxes - General; Water Quality Control -general; Welfare Economics; ...1.0444

A MODEL FOR AIR POLLUTION CONTROL ...Air Pollution; Air Pollution-chemistry; Gases; Mathematical Models; Model Studies; Particulates - Air Pollution; Weather Data; ...1.0551

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

MODELING AND OPTIMIZATION OF THERMAL POLLUTION CONTROL SYSTEMS ...Computer Models; Electric Power Plants; Forecasting - Prediction; Mathematical Models; Thermal Pollution; ...2.0157

WATER QUALITY MODELING AND PREDICTION ...Dynamic Control System; Filters-filtration; Forecasting - Prediction; Model Studies; Prediction Models; Water Pollutants - Path of; ...2.0594

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Hydrographs; Mathematical Analysis; Prediction; Rural Areas; Storm Sewer Quantity; Urban Research - general; ...2.0619

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

DECISION PROCESSES IN WATER QUALITY MANAGEMENT ...Administration and Management; Computer Models; Management; Model Studies; Simulation Theory; ...2.0963

EXPERIMENTAL OPTIMIZATION OF STEP AERATION WASTE TREATMENT SYSTEMS ...Aeration (water); Development of Models; Mathematical Models; Optimization, Economic; Systems Analysis - Water Mgmt; ...2.1276

WATER RESOURCE SYSTEM OPTIMIZATION BY GEOMETRIC PROGRAMMING ...Channels; Mathematical Analysis; Optimization Technique; Optimization, Economic; Pipelines; Process Design; ...2.1426

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific; Algal Physiology; Ecological Effects; Effluents - Waste Water; Forecasting - Prediction; Management; Nutrients; Sewage Treatment Plant; Water Pollutant Identification; ...2.1646

ECONOMIC ANALYSIS OF OPTIMAL WATER QUALITY MANAGEMENT ...Indiana; Management; Management (water); Model Studies; Optimization, Economic; Systems Analysis - Water Mgmt; Water Quality Control -general; ...2.1830

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Model Studies, Optimization, Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1856

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

STOCHASTIC MODELS FOR WATER RESOURCES MANAGEMENT ...Management (water); River Basins; Stochastic Models; Water Allocation; Water Resources Planning; Water Supply Augmentation; ...2.1879

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Flood Control Planning; Irrigation; Mathematical Models; Recreation, Water Resources, Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

WATER RESOURCE OPERATIONS STUDY ...Operations Research; Water Cycle; Water Quality -general; Water Resources Development; Water Transfer; Water Utilization -general; Wyoming; ...2.1941

DESIGN OF WASTE TREATMENT FACILITIES BY COMPUTER ...Computer Languages; Mathematical Analysis; Process Design; Sanitary Sewage Quantity; Sewage Treatment Plant; Sewer Systems; ...3.0231

A MATHEMATICAL MODEL FOR THE FINAL CLARIFIER OF AN ACTIVATED SLUDGE PROCESS ...Activated; Effluents - Waste Water; Model Studies; Thickening; ...3.0354

Benefit-cost Analysis

ENERGY, AIR QUALITY, AND THE SYSTEMS APPROACH ...Air Pollution; Generators; Mathematical Models; Particulates - Air Pollution; ...1.0034

PROCESS CONTROL MODEL FOR OXYGEN REGENERATION OF POLLUTED RIVERS ...Aeration (water); Information Control Theory; Mathematical Analysis; Model Studies; Systems Analysis - Water Mgmt; ...2.1335

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Confidence Intervals; Digital Computer Applications; Hudson River; Monte Carlo Methods; Optimization Technique; River Basins; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

Management

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

DECISION PROCESSES IN WATER QUALITY MANAGEMENT ...Administration and Management; Computer Models; Model Studies; Simulation Theory; ...2.0963

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific; Algal Physiology; Ecological Effects; Effluents - Waste Water; Forecasting - Prediction; Nutrients; Sewage Treatment Plant; Water Pollutant Identification; ...2.1646

A STUDY OF PUBLIC ATTITUDES AND MULTIPLE OBJECTIVE DECISION CRITERIA FOR WATER POLLUTION CONTROL PROJECTS ...Attitudes & Attitude Change; Decision Theory; Markov Chains; Simulation Theory; Water Pollution Abatement; Water Quality -general; Water Resources Planning; ...2.1818

ECONOMIC ANALYSIS OF OPTIMAL WATER QUALITY MANAGEMENT ...Economic Theory; Indiana; Management

(water); Model Studies; Optimization, Economic; Systems Analysis in Water Mgmt; Water Quality Control -general; ...2.1830

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Consumption; Development of Models; Floods; Land Use; Mathematical Models; Recreation, Water Resources; Statistical Models; Urban Research; ...2.1904

Optimization Technique

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

WATER RESOURCE SYSTEM OPTIMIZATION BY GEOMETRIC PROGRAMMING ...Channels; Economic Theory; Mathematical Analysis; Optimization, Economic; Pipelines; Process Design; ...2.1426

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Confidence Intervals; Digital Computer Applications; Hudson River; Monte Carlo Methods; River Basins; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

OPTIMIZATION TECHNIQUES FOR AGRICULTURAL PROBLEMS ...Computer Languages; Farm Animal Wastes; Mathematical Models; Simulation Theory; Systems Analysis; ...3.0146

Systems Analysis

A SYSTEMS ANALYSIS OF WATER AND NUTRIENT FLOWS IN THE LAKE WINGRA BASIN ...Computer Models; Eutrophication; Mathematical Analysis; Nutrients; Simulation Theory; Water Cycle; ...2.0644

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Confidence Intervals; Digital Computer Applications; Hudson River; Monte Carlo Methods; Optimization Technique; River Basins; Waste Treatment Economics; Water Purification; ...2.1883

OPTIMIZATION TECHNIQUES FOR AGRICULTURAL PROBLEMS ...Computer Languages; Farm Animal Wastes; Mathematical Models; Optimization Technique; Simulation Theory; ...3.0146

SYSTEMS ECOLOGY ...Animal Predation; Computer Methods - general; Energy Budgets; Environmental Ecology; Plant Ecology - nonspecific; Plant Productivity -general; Radioactive Pollution -ns; Reactor Sites & Rad Waste; ...5.0074

Economic Types

Agricultural Economics

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Air Pollution-chemistry; Forest Environment -general; Land Use; Losses Due to Pollution; Recreation, Water Resources; Remote Sensing; Smog; Value; ...1.0456

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Alaska; Cost-benefit Analysis; Equipment & Machinery; Forest Fires -see Fire; Helicopters; Recreation, Outdoor; Types of Resources; ...1.0656

COMMERCIAL OYSTER FISHERY DEVELOPMENT INVESTIGATION ...Captive Rearing; Coliforms -nonspecific; Commercial Fishing; Consumption; Contamination - Water; Ostreidae (oyster); Shellfish Depuration; ...2.0561

IMPACT OF CHANGES IN TECHNOLOGY ON WATER USE ...Consumptive Use (water); Government -see Federal Gov.; Water Costs; Water Standards & Baselines; ...2.1219

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

VALUE OF DESALTED WATER FOR IRRIGATION ...Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Desalination; Electrodialysis; Irrigation; Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1804

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Watersheds; Climates -general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

MULTIPURPOSE REGIONAL MARINE SCIENCE CENTER (SEA LAB) ...Economics & Technology; Management; Marketing; Oceanography -general; Water Pollution Effects; ...2.1889

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Benefit-cost Analysis; Drmand and Use - recreation; Estuaries; Land Use; Oceanography -general; Rhode Island; Survey Studies (water); Water Quality Control -general; ...2.1911

ECONOMICS OF GRADE A DAIRYING ...Bos; Costs -see Economics Entries; Dairy Industry; Farm Animal Wastes; Optimization - Feasibility; ...3.0057

SYSTEMS APPLICATIONS IN AGRICULTURE ...Farm Animal Wastes; Forest Management; Marketing; Soil Water Plant Relationships; ...3.0185

LABOR EFFICIENCY AS AFFECTED BY DAIRY HOUSING FACILITIES ...Costs -see Economics Entries; Dairy Industry; Farm Animal Wastes; Farm Structures & Design; Labor Input; ...3.0187

LABOR REQUIREMENTS FOR PERFORMING FARMSTEAD WORK ELEMENTS ...Bos; Economic Studies -general; Farm Animal Wastes; Farm Structures & Design; Labor Input; Management; ...3.0195

IMPROVED MARKETING PRACTICES AND MARKETS FOR LUMBER AND OTHER MANUFACTURED PRODUCTS OF EASTERN HARDWOODS ...Consumption; Costs -see Economics Entries, Manufacturing; Mulches; Processing; Supply; Tsuga; ...3.0344

APPRAISAL OF ADJUSTMENTS IN WISCONSIN AND OTHER LAKE STATES DAIRY FARMING ...Bos; Costs -see Economics Entries; Farm Animal Wastes; Farm Structures & Design; Optimization - Feasibility; Supply; Wisconsin; ...3.0349

PESTICIDE RESIDUES IN ENVIRONMENT AND EFFECTS ON MARKETING AGRICULTURAL COMMODITIES ...Consumer Attitudes- Pesticides; Demeton; Medicago; Organophosphorous Cpds.; Pesticide Residues; Pesticides -nonspecific; ...4.1071

AN INVESTIGATION INTO THE RELOCATION OF A PORTION OF THE WHEAT SUPPLY FOR NATIONAL SECURITY CONSIDERATIONS ...Costs -see Economics Entries; Management; Marketing; Political Processes & Systems; Regional Economics; ...5.0071

Extractive Natural Resources

THE SOCIAL AND ECONOMIC IMPACT OF THE SUBSTITUTION OF LOW SULFUR COAL FOR HIGH SULFUR COAL - A PILOT STUDY OF MONONGALIA COUNTY, W. VA. ...Coal; Combustion Air Pollution-gen; Economic Geology - general; Legal Studies-general; Regional Economics; West Virginia; ...1.0445

NATIONAL ENERGY NEEDS AND ENVIRONMENTAL QUALITY ...Air Pollution -see Specifics; Disaster; Energy Budgets; ...1.0448

AN EMISSION AND CONTROL COST STUDY OF THE REACTIVE METALS INDUSTRY ...Air Pollution; Air Pollution-chemistry; Chemical Industry; Economic Geology -general; Industry; Management; ...1.0450

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Benefit-cost Analysis; Energy Conversion; Government -see Federal Gov.; Legal Studies; Petroleum Industry; Regulatory & Legal; Social Aspects; Water Resources Protection; ...1.0481

Industry

AN EMISSION AND CONTROL COST STUDY OF THE REACTIVE METALS INDUSTRY ...Air Pollution; Air Pollution-chemistry; Chemical Industry; Economic Geology -general; Management; ...1.0450

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Benefit-cost Analysis; Energy Conversion; Government -see Federal Gov.; Legal Studies; Petroleum Industry; Regulatory & Legal; Social Aspects; Water Resources Protection; ...1.0481

AN ECONOMIC STUDY OF MUNICIPAL SURCHARGES ON INDUSTRIAL WASTES ...Budgeting Analysis; Disposal Wastes; Regression Analysis; Social Aspects; Urban Environment; Waste Treatment; ...2.1359

INPUT-OUTPUT ANALYSIS OF GENERATION AND ELIMINATION OF POLLUTION IN THE UNITED STATES ECONOMY ...Air Pollution; Benefit-cost Analysis; Income Development & Growth; Process Development; Water Chemistry; ...2.1848

SOCIAL ECONOMIC FACTORS IN THE ADOPTION BY INDUSTRY OF WATER POLLUTION CONTROL MEASURES ...Attitudes & Attitude Change; Data Reduction and Analysis; Minnesota; Social Aspects; Social Change; Statistics; Water Quality Control -general; ...2.1857

Manufacturing

STATE OF THE ART SURVEY (EFFECTS AND ECONOMICS) FOR ELECTRONIC COMPONENTS ...Air Pollution Effects; Electronic Components; ...1.0469

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Benefit-cost Analysis; Energy Conversion; Government -see Federal Gov., Legal Studies; Petroleum Industry; Regulatory & Legal; Social Aspects; Water Resources Protection; ...1.0481

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Consumption; Economic Projections- Forecast; Forecasting - Prediction; Statistics; Water Costs; Water Resources Planning; Water Transfer; ...2.1874

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

IMPROVED MARKETING PRACTICES AND MARKETS FOR LUMBER AND OTHER MANUFACTURED PRODUCTS OF EASTERN HARDWOODS ...Agricultural Economics; Consumption; Costs -see Economics Entries; Mulches; Processing; Supply; Tsuga; ...3.0344

Processing

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Canning Wastes -see Food Proc.; Food Processing Industries; Industrial Wastes; Photometry; Plant Waste Removal, Treatment; Taste & Odor of Water; Waste Treatment Economics; Water Quality Control - general; ...2.1249

IMPROVED MARKETING PRACTICES AND MARKETS FOR LUMBER AND OTHER MANUFACTURED PRODUCTS OF EASTERN HARDWOODS ...Agricultural Economics; Consumption; Costs -see Economics Entries; Manufacturing; Mulches; Supply; Tsuga; ...3.0344

Retail

EXTENDING THE MARKET LIFE OF CALIFORNIA CITRUS FRUITS IN FOREIGN MARKETS ...Diphenyl; Economic Losses (or Benefits); Foreign Agriculture; International Economics; Pesticide Tolerance Rate; Residues in Foods; ...4.0228

Economics & Technology

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Agricultural Economics; Alaska; Cost-benefit Analysis; Equipment & Machinery; Forest Fires -see Fire; Helicopters; Recreation, Outdoor; Types of Resources; ...1.0656

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Consumption; Economic Projections- Forecast; Forecasting - Prediction; Statistics; Water Costs; Water Resources Planning; Water Transfer; ...2.1874

MULTIPURPOSE REGIONAL MARINE SCIENCE CENTER (SEA LAB) ...Agricultural Economics; Management; Marketing; Oceanography -general; Water Pollution Effects; ...2.1889

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

Economics of Chemical Control

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Cynodon; Fumigants - nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Solanum; Vitaceae; ...4.0191

PESTICIDES AND GROWTH REGULATORS FOR FRUIT CROPS ...Acaricides -nonspecific; Concentrates; Liquids Or Sprays; Pesticide Phytotoxicity; Prunus Ceracus & P. Avium; Temperature - Air; ...4.0361

WEED CONTROL IN SOYBEANS ...Bioassay; Glycine; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0372

THE USE OF HERBICIDES FOR WEED CONTROL IN COTTON ...Bioassay; Herbicides -nonspecific; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Tillage; ...4.0373

CHEMICAL WEED CONTROL IN COTTON ...Gossypium; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistence in Soils; Pesticide Phytotoxicity; ...4.0388

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

SEASONAL OCCURRENCE AND CONTROL OF THE CORN EARWORM IN THE VALLEY ...Animal Life History Studies; Helminthosporium; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics -general; Vegetables; ...4.0406

PESTICIDE APPLICATION COSTS AND CHEMICALS FOR PEST CONTROL ON FRUIT ...Acaricides -nonspecific; Concentrates; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Application Rates; Petroleum Cpds. -nonspecific; ...4.0466

FIELD TRIALS WITH ANTIFERTILITY AGENTS FOR PREDATOR CONTROL ...Animal Predation; Canidae; Control of Nuisance Species; Impregnated Materials-products; Pesticide Application Rates; Population Dynamics -general; ...4.0577

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...Bidrin; DDT; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics - general; Strobane; Toxaphene; ...4.0865

WEED CONTROL IN FRUIT CROPS, WITH SPECIAL REFERENCE TO APPLE AND PEACH ...Dichlobenil; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Prunus Persica; Simazine; ...4.0936

Economics of Natural Resources

CHANGING VEGETATION AND ATMOSPHERIC POLLEN ...Air Pollution -see Specifics; Lakes; Plant Competition; Pollen - see Pollen; Rural Areas; Urban Environment; Wind -see Air Motion; ...1.0076

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Benefit-cost Analysis; Energy Conversion; Government -see Federal Gov.; Legal Studies; Petroleum Industry; Regulatory & Legal; Social Aspects; Water Resources Protection; ...1.0481

ENVIRONMENT AND HUMAN RESPONSE ...Air Pollution -see Specifics; Recreation, Water Resources; Regional Economics; Rural Sociology; Urban Planning; ...1.0495

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

MULTISPECTRAL CAMERA CLUSTER ...Aircraft Remote Sensing; Land Use; Soil Tillage; Surveying; Transportation; Transportation Management; Urban Research -general; ...2.0593

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Air Pollution -see Specifics; Cost-benefit Analysis; Northeast U. S.; Types of Resources; ...2.1837

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Expenditures; Finance -see Economics Entries; Lakes; Massachusetts; Model Studies; Riparian Rights; Water Pollution Abatement; Water Resources Planning; ...2.1843

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Floods; Inventories; Minnesota; Recreation, Water Resources; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1889

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWAKENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation, Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Generators; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Coastlines - Shorelines; Lake Superior; Recreation, Outdoor; Regional Economics; Solid Waste; Tectonics; Water Quality Control -general; ...2.1937

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

Education -see Training

COMEX AIR POLLUTION COMPUTER RESEARCH PROJECT ...Administration and Management; Air Pollution; Air Pollution - see Specifics; Computer Methods -general; Decision Making; Social Aspects; Urban Research -general; ...1.0476

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Incineration; New Hampshire; Recreation, Water Resources; Sprinkler Irrigation; Types; Water Quality Control - general; ...2.1868

SURVEY OF EXISTING FEDERAL, STATE AND LOCAL NOISE CONTROL ORDINANCES ...Electronic Control Systems; Legal Studies; Noise; ...6.0076

Education Facilities

THE DETERMINANTS OF REAL ESTATE VALUES ...Air Pollution -see Specifics; Building Construction; Heating Units; Location Choice; Noise -see Noise; Residential Buildings; Value; Zoning; ...6.0055

Elastomers

OCCUPATIONAL HEALTH HAZARDS OF RUBBER DUST ...Air Pollution -see Specifics; Cercopithecoidea; Medical, Dental Materials; Occupational Hazards; Toxicology; ...1.0287

EFFECTS OF OZONE ON SELECTED MATERIALS ...Air Pollution-chemistry; Automotive Application; Coatings -see Materials; Controlled Atmosphere; Corrosion, Deterioration; Plastics; ...1.0386

UTILIZATION OF SOLID WASTES FROM THE COMPUTATION AND MINING OF COAL ...Automotive Application; Combustion; Pavement; Product Development Research; Soil Amendments; Soil pH; ...3.0341

Electric Power Generation

TECHNOLOGICAL AND ECONOMIC FEASIBILITY STUDY OF ADVANCED POWER CYCLES AND METHODS OF PRODUCING NON-POLLUTING FUELS ...Air Pollution-chemistry; Combustion; Desulfurization; Energy Storage -general; Fuels; Thermal Cycles; ...1.0541

Electric Power Plants

TECHNICAL AND ECONOMIC FEASIBILITY OF OIL-FIRED COGAS POWER STATIONS ...Power Plants; Turbines; Water Quality Control -general; ...1.0440

DISPERSION OF HEAT IN STRATIFIED FLOW ...Dispersion (water); Energy Conversion; Estuaries; Fluid Mechanics; Heat Flow (water); Thermal Pollution; ...2.0042

DISPERSION AND HEAT DECAY OF THERMAL DISCHARGES ...Energy Conversion; Forecasting - Prediction; Illinois; Illinois River; Model Studies; Temperature; Thermal Pollution; ...2.0129

MODELING AND OPTIMIZATION OF THERMAL POLLUTION CONTROL SYSTEMS ...Computer Models; Forecasting - Prediction; Mathematical Models; Thermal Pollution; ...2.0157

INVESTIGATION OF PRESENT THERMAL REGIME OF MISSOURI RIVER IN MISSOURI ...Aircraft Remote Sensing; Depth (water); Energy Conversion; Infrared Radiation; Missouri River; Thermal Pollution; Water Temperature Recorders; ...2.0227

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Agnatha; Chemical Water Properties; Control of Nuisance Species; Engineering Structures-general; Flow Characteristics (water); Lake Ontario; Salmonidae; Survey Studies (water); ...2.0260

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects - see Water; Water Pollution Sources; Zinc; ...2.0280

ENVIRONMENTAL INVENTORY, AQUATIC AND TERRESTRIAL, BELEWS CREEK-BELEWS LAKE, N.C. ...Aquatic Ecology - Animal; Chemical Water Properties; Nutrient Studies -animal; Ponds; Power Reservoirs; Pre-impoundment Sites; Water Standards & Baselines; ...2.0286

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Animal Behavioral Ecology; Atomic Plants; Contamination - Water; Ecological Effects; Environmental Ecology; Lakes; Population Dynamics -general; Thermal Pollution; ...2.0305

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLANDS OF CENTRAL AMERICA ...Acidity (water); Algal Physiology, Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

USE OF REACTOR COOLING WATER FROM NUCLEAR POWER PLANTS FOR IRRIGATION OF AGRICULTURAL CROPS ...Atomic Plants; Energy Conversion; High Temp. - 85f Or Above; Photosynthesis; Respiration; Soil Moisture; Thermal Pollution; ...2.0318

POWER PRODUCTION ...Atomic Plants; Chemical Effects; Density; Effluents - Waste Water; Energy Conversion; Mathematical Models; Reservoirs and Impoundments; Thermal Pollution; ...2.0337

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Energy Conversion; Heat Recovery, Industrial; Nuclear Power; Plant Freshwater Ecology; Public Utilities; Social Aspects; Thermal Pollution; ...2.0352

EFFECT OF TEMPERATURE ON BACTERIA ...Atomic Plants; Bacterial Population Surveys; Columbia River; Environmental Aspects; Ictaluridae; Water Bacteria; ...2.0422

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ...Aircraft Remote Sensing; Aquatic Ecology - Animal; Environmental Ecology; Infrared Radiation; Mapping; Survey Studies (water); Temperature (water); Thermal Pollution; ...2.0524

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

MONITORING WATER EFFLUENTS FROM A NUCLEAR POWER PLANT ...Atomic Plants; Effluents - Waste Water; Energy Conversion; New York; Water Pollutants - Path of; ...2.0697

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

SENSITIVITY OF BENTHIC MICROFLORA TO POLLUTION GRADIENTS ...Atomic Plants; Carbon; Energy Conversion; Marine Plants; Rhode Island; Water Pollutant Identification; Water Standards & Baselines; ...2.0773

TEMPERATURE DISTRIBUTIONS RESULTING FROM COOLING WATER DISCHARGES ...Development of Models; Energy Conversion; Mathematical Models; Power Reservoirs; Streams; Thermal Pollution; ...2.0805

TEMPERATURE INCREASES BELOW DAMS ...Dams -general; Dyes; Fluorometry; Meteorologic Instruments -gen.; Thermal Pollution; ...2.0806

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Columbia River; Fishing; Heat Flow (water); Nitrogen and Nitrogen Cpds.; Recreation, Water Resources; Types of Resources; Water Storage; ...2.0841

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Flood Irrigation; Groundwater; Potable Water; Recreation, Water Resources; Septic Tanks; Sewage - Domestic; Water Wells; ...2.0883

TEMPERATURE DISTRIBUTION IN THE VICINITY OF WASTE HEAT DISCHARGES ...Energy Conversion; Forecasting - Prediction; High Temp. - 85f Or Above; Mathematical Models; Stratification (water); Thermal Pollution; ...2.1096

TRANSIENT FLOW MODEL FOR BETTER WATER QUALITY CONTROL, KENTUCKY RESERVOIR ...Canals; Energy Conversion; Forecasting - Prediction; Mathematical Models; Reservoirs and Impoundments; Water Quality Control -general; ...2.1097

NATIONAL SYMPOSIUM ON THERMAL POLLUTION ...Energy Conversion; Management (water); Meetings; Thermal Pollution; ...2.1100

EFFECT OF GEOGRAPHICAL LOCATION ON COOLING POND REQUIREMENTS AND PERFORMANCE ...Energy Conversion; Handbooks; Ponds; Thermal Pollution; Water Pollution Abatement; ...2.1103

A UNIFIED APPROACH TO WATER, FOOD AND POWER IN A COASTAL DESERT COMMUNITY ...Arid and Desert Regions; Auto Exhaust -see Air Poll.; Desalination; Humidity; Mexico; Temperature - Air; ...2.1157

DEFINITION OF THE MIXING ZONE FOR WASTE EFFLUENT DISCHARGED INTO SURFACE WATERS ...Aerial Photography -see Photo.; Dispersion (water); Effluents - Waste Water; Energy Conversion; Model Studies; Physical Models; Water Pollutants - Path of; ...2.1460

ECOLOGICAL AND LIMNOLOGICAL IMPACT OF THE CONSTRUCTION AND OPERATION OF PUMP-BACK STORAGE PROJECTS ...Circulation (water); Environmental Aspects; Power Reservoirs; Temperature Or Heat Budgets; Western U. S.; ...2.1509

BEHAVIOR PATTERN OF SHAD IN THE VICINITY OF A HEATED EFFLUENT DURING A NO-HEAT PERIOD ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Tags; Temperature (water); ...2.1515

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Induced Temperature; Marine Plants; Population Dynamics -general; Thermal Pollution; ...2.1532

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Environmental Ecology; Marine Biology - General; Marine Ecology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Fish; Induced Temperature; Oxygen Content (water); Plankton; Temperature (water); Turbidity (water); Turbines; ...2.1552

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Biochemical Analysis - Tissues; Ecological Effects; Energy Conversion; Environmental Physiology; Pollution Effects -see Water; Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1557

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Atomic Plants; Embryology -basic; Estuaries; Invertebrate Physiology; Marine Animals; Population Dynamics -general; Temperature (water); ...2.1567

COOLING WATER DISCHARGE PROJECT (RP-49) ...Biological Water Properties; Ecological Effects; Estuaries; Lakes; Synoptic Weather Observations; ...2.1572

AN ECOLOGICAL STUDY OF THE PATUXENT ESTUARY ...Amphibious Plants; Gramineae; Induced Temperature; Physiological Effects; Thermal Pollution; Zizanieae; ...2.1573

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecifi... Water Pollution Effects; ...2.1574

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality - general; ...2.1575

THE THERMAL REQUIREMENTS AND TOLERANCE OF KEY ESTUARINE ORGANISMS ...Environmental Ecology; Estuaries; Invertebrate Physiology; Salinity (water); Thermal Pollution; ...2.1576

MONITORING FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCI EAR POWER PLANT SITE ...Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Lake Michigan; Nets; Salmonidae; Thermal Pollution; ...2.1596

CONTROLLED TEMPERATURE REGIMES IN OUTDOOR EXPERIMENTAL PONDS ...Aquatic Ecology - Animal; Energy Conversion; Heat Flow (water); Minnesota; Temperature (water); ...2.1600

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST. CROIX (ABBREV) ...Aquatic Ecology - Animal; Environmental Ecology; Fishing; Loss Damages - Recreation; Population Dynamics -general; Temperature (water); Water Pollution Effects; ...2.1603

THERMAL GRADIENTS ASSOCIATED WITH DISCHARGE OF HEATED EFFLUENTS ...Energy Conversion; Forecasting - Prediction; Thermal Pollution; ...2.1613

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Creel Census; Environment; Fish; Lakes; Performance; Power Reservoirs; Temperature (water); Temperature - Air; User Patterns; ...2.1620

THE FISHERY OF THOMAS HILL RESERVOIR ...Biological Effects; Energy Conversion; Esocidae; Power Reservoirs; Stocking of Fish & Shellfish; Temperature (water); Thermal Pollution; ...2.1621

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Atomic Plants; Biological Water Properties; Chemical Water Properties; Energy Conversion; Fish; Missouri River; Temperature (water); ...2.1633

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bays; Ecological Effects; Energy Conversion; Invertebrate Physiology; Long Island Sound; Mollusca; Population Dynamics - general; Temperature (water); Zooplankton; ...2.1638

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER ...Aquaria; Captive Rearing; Energy Conversion; Fish Farming; Marine Animals; New York; Temperature (water); Water Utilization - animal; ...2.1653

RESPONSE OF NATURAL PHYTOPLANKTON POPULATIONS TO THERMAL SHOCK ...Carbon; Environmental Aspects; Induced Temperature; Phytoplankton; Primary Productivity - Plants; Thermal Pollution; ...2.1657

ENVIRONMENTAL EFFECTS OF COASTAL ZONE POWER GENERATION ...Animal Habitat Studies; Consultants, Advisory Services; Energy Conversion; Environmental Ecology; Federal Government; North Carolina; Power Development; ...2.1664

THERMAL EFFECTS IN FLOWING STREAMS ...Currents (water); Nutrients; Pollution Effects -see Water; Turbidity (water); ...2.1706

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

ENVIRONMENTAL QUALITY STUDY PROJECT - UTILIZATION OF WASTE HEAT ...Agricultural Studies -general; Energy Conversion; Heat Recovery, Industrial; Thermal Pollution; Water Utilization -industrial; ...2.1721

ENVIRONMENTAL QUALITY STUDY PROJECT - THERMAL DISCHARGES AND EFFECTS STUDIES ...Inlets; Outlets; Thermal Pollution; Water Resources Planning; ...2.1723

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

THERMAL STUDY IN WILKES RESERVOIR ...Aquatic Ecology - Animal; Contamination - Water; Reservoirs and Impoundments; Thermal Pollution; ...2.1728

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology; Degradation -see Pesticide Deg; Energy Conversion; Fish; Heat Recovery, Industrial; Induced Temperature; Organic Water Properties; Phytoplankton; Primary Productivity - Plants; ...2.1736

PROBLEMS RELATED TO THE EFFECTS OF HEATED DISCHARGES FROM THERMAL POWER PLANTS ...Administrative Organizations; Energy Conversion; Generators; Heat Recovery, Industrial; Power Plants -see Specifics; Thermal Pollution; ...2.1740

THE EFFECTS OF HEATED WASTE WATERS UPON MICROBIAL COMMUNITIES ...Algae -nonspecific; Ecological Effects; Energy Conversion; Management (water); Protozoa; ...2.1743

SIMULATION MODELING OF THERMAL EFFECTS ON SELECTED RIVER SYSTEMS ...Atomic Plants; Development of Models; Energy Conversion; Illinois River; Model Studies; River Basins; Water Pollution Effects; ...2.1754

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Conflicts; Ecological Effects; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...2.1755

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Filtration; Model Studies; Power Plants -see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

HYDRO-ENVIRONMENTAL EVALUATION OF NUCLEAR POWER PLANTS ...Atomic Plants; Energy Conversion; Survey Studies (water); Thermal Pollution; ...2.1757

EFFECTS OF MODIFICATIONS ON THE COLUMBIA RIVER ...Animal Productivity; Benthic Fauna; Commercial Fishing; Environmental Ecology; Salmo Gairdneri; Thermal Pollution; ...2.1758

SIMULATION MODELING OF ENVIRONMENTAL EFFECTS OF THERMAL GENERATION ...Atomic Plants; Columbia River; Environment; Great Lakes -see Specific Lake; Model Studies; Simulation Theory; ...2.1759

REGIONAL MODELING OF SURFACE WATER TEMPERATURES FROM PROJECTED POWER GROWTH ...Atomic Plants; Computer Models; Forecasting - Prediction; Mississippi River; River Basins; Thermal Pollution; ...2.1760

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ...Animal Productivity; Clams; Contamination - Water; Environment Resistance-animals; Fish and Shellfish; Heat Recovery, Industrial; Ostreidae (oyster); Temperature (water); ...2.1762

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Environmental Ecology; Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties - general; ...2.1763

ECOLOGICAL RESPONSES OF FISHES AND FISH-FOOD ORGANISMS TO HEATED EFFLUENT - CASE STUDY OF LAKE MONONA, WISCONSIN ...Animal Predation; Environmental Ecology; Lepisosteidae; Temperature (water); Thermal Pollution; ...2.1780

THE AQUATIC ENVIRONMENT AND ELECTRICAL POWER GENERATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Great Lakes -see Specific Lake; Reactor Sites & Rad Waste; Temperature (water); ...2.1781

MANAGEMENT ASPECTS OF THERMAL POLLUTION CONTROL ...Biological Effects; Effluents - Waste Water; Energy Conversion; Environmental Geology; Outlets; Thermal Pollution; ...2.1849

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Floods; Land Use; Navigation; Recreation, Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization - domestic; ...2.1881

MATHEMATICAL AND COMPUTER SERVICES FOR THE ANALYSIS OF DATA AND DESIGN OF EXPERIMENTS FOR CERTAIN FWQA PROGRAMS ...Coastlines - Shorelines; Facilities; Marine Environments; Pulp and Paper Wastes; ...2.1897

ANALYSIS OF ENGINEERING ALTERNATIVES FOR ENVIRONMENTAL PROTECTION FROM THERMAL DISCHARGES ...Ecological Effects; Energy Conversion; Power Plants -see Specifics; Social Aspects; Thermal Pollution; Water Resources Planning; ...2.1927

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Estuaries; Generators; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics, Social Aspects; Water Pollution Effects; ...2.1929

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization -general; ...2.1936

UTILITIES IN PERMAFROST FOR MILITARY INSTALLATIONS ...Building Construction; Building Design; Military Buildings; Permafrost - Frozen Soils; Sewage - Domestic; Waste Disposal-see Solid Waste; ...3.0214

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL INFORMATION PROCESSING, STORAGE, AND RETRIEVAL. ...Applied Climatology; Chemical Water Properties; Data Reduction and Analysis; Information Science; Information Systems; Thermal Pollution; Water Pollution Sources; ...5.0072

Electrical Current -bioeffects

ELECTRO-OSMOSIS ...Farm Animal Wastes; Feces; Models of Biological Systems; Osmotic and Turgor Pressure; ...3.0186

EFFECT OF IRRADIATION ON MEMBRANE AND TRANSPORT CHARACTERISTICS OF ISOLATED FROG SKIN ...Active Transport; Mathematical Models; Permeability; Radiation; Radiation Dose Studies-general; X and Gamma Rays; ...5.0095

COMPARATIVE STUDIES OF PROTEIN RADIOLYSIS BY VARIOUS MEANS OF IRRADIATION ...Carbon; Radiation Chemistry -biophys.; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0367

Electrical Phenomena

THE DUST LAYER AND PRECIPITATOR EFFICIENCY ...Dust; Electrostatic; Electrostatic Precipitators; Energy Conversion; Particulates - Air Pollution; ...1.0627

USE OF SOLID STATE DETECTORS IN AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Detectors and Sensors; Lead; Nitrogen and Nitrogen Cpds.; Trace Analysis; ...1.0709

ELECTRICAL CHARGING OF SMALL PARTICLES AT LOW PRESSURES ...Aerosols; Electric Field; Electrostatic; ...1.0893

SCAVENGING STUDY OF SNOW AND ICE CRYSTALS ...Atmospheric Dynamics; Charge on Droplets; Fallout -see Radioactive; Nucleation Physics; Rain; Rain Structure - Size; Snow Structure; ...2.0124

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Alum Waste Water Treatment; Chlorination; Disinfection; Fluid Mechanics; Pilot Plants; Tertiary Treatment; Waste Water Treatment -general; ...2.1221

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Estuaries; Industrial Wastes; Sewage Testing; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

GENERATION OF MONODISPERSE AEROSOLS OF INSOLUBLE FORMS FOR USE IN INHALATION EXPOSURES ...Aerosols; Body Isotope Burden; Chelation & Complexing; Fission Products-see Radioact.; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0448

ELECTROMAGNETIC RADIATION MEASUREMENT METHODS AND CALIBRATION ...Dosimetry; Electromagnetic Field; Microscopy; Radiation Detectors; Thermoluminescent Detectors; ...5.0853

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Aerosols; Balloons; Gamma Radiation; Mineral Processing Industry; Radiation -terrestrial; Radioactivity; Uranium; ...5.0879

PULSED ELECTRON BEAM DOSIMETRY ...Beta Particles; Dosimeters -see Dosimetry; Radiation Instruments; Radiation Sources -general; ...5.0910

Electroanalyses

INTERACTION OF ELECTRON ACCEPTORS WITH CHLORPROMAZINE ...Air Pollution-chemistry; Muridae; Nitrogen and Nitrogen Cpds.; Spectrographic Techniques; Sulfur Dioxide; Temperature - Human Body; ...1.0177

ATMOSPHERIC CHEMISTRY OF BORON ...Aerosols; Air - Water; Air Pollution-chemistry; Colorimetric Methods; Electrochemistry; Spectrographic Techniques; ...1.0697

SELECTIVE AND SENSITIVE METHODS FOR THE DETERMINATION OF SULFURIC ACID AEROSOLS ...Aerosols; Air Pollution-chemistry; Chelation & Complexing; Electrochemistry; Mercury; Reduction Reactions; Spectrographic Techniques; ...1.0708

GENERATION AND DECAY OF SMALL IONS ...Aerosols; Air Pollution-chemistry; Coagulation; Detectors and Sensors; Heat Transmission; Oxidation; Photochemical Reactions; ...1.0734

EVALUATION OF METHODS FOR DETERMINATION OF NITROGEN OXIDES IN AUTOMOTIVE EMISSIONS ...Air Pollution-chemistry; Combustion; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Ultraviolet Spectroscopy; ...1.0795

EVALUATION OF ELECTROCHEMICAL SENSORS FOR SOURCE CONCENTRATIONS OF SO2 AND NOX ...Air Pollution-chemistry; Combustion; Energy Conversion; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0808

DEVELOPMENT OF A MULTICOMPONENT DEVICE FOR 24-HOUR CUMULATIVE MEASUREMENTS OF SO2 AND NOX ...Detectors and Sensors; Energy Conversion; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0838

ANALYTICAL METHODS - WATER CHEMISTRY ...Analysis and Detection; Chromatography; Photometry; Trace Analysis; Water Pollutant Identification; Zinc; ...2.0514

RESEARCH TRACE METHODS ...Fluorine; Geological Exploration; Mercury; Trace Element Analysis; ...2.0518

APPLICATION OF MODERN ELECTROANALYTICAL TECHNIQUES TO THE ANALYSIS OF HEAVY METALS IN WATER ...Analysis and Detection; Chemical Mechanisms & Kinetics; Mineralization; Trace Analysis; ...2.0557

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection; Chemical Water Properties; Electrochemistry; Lead; Physical Water Properties; Trace Elements; Water Distribution Systems; Water Quality -general; Zinc; ...2.0623

A STUDY OF SELECTED SPECIFIC ION ELECTRODES, NO II ...Analysis and Detection; Electrochemistry; Lead; Nutrients; ...2.0728

ION SELECTIVE ELECTROCHEMICAL SENSORS ...Brackish Water; Detectors and Sensors; Electrochemistry; Salt Water; Water Pollutant Identification; ...2.0820

Chronopotentiometry

APPLICATION OF MODERN ELECTROANALYTICAL TECHNIQUES TO THE ANALYSIS OF HEAVY METALS IN WATER ...Analysis and Detection; Chemical Mechanisms & Kinetics; Electroanalyses; Mineralization; Trace Analysis; ...2.0557

Conductrometry

RADIOLYSIS OF HETEROGENEOUS SYSTEMS ...Adsorption; Chemical Mechanisms & Kinetics; Colloidal Phenomena; Light Scattering Analysis; Radiation; Radiochemical Analysis; Spectrographic Techniques; ...5.0259

Coulometry

ANALYSIS OF CHEMICAL COMPOUNDS IN AN URBAN AEROSOL ...Aerosols; Air Pollution; Air Pollution-chemistry; Chromatography; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0135

THE EFFECTS OF ATMOSPHERIC CONTAMINANTS ON THE DURABILITY OF BUILDING MATERIALS ...Air Pollution; Coatings -see Materials; Corrosion, Deterioration; Inspection and Control; Plastics; ...1.0339

DEVELOPMENT OF AIR SAMPLING METHODOLOGY ...Air Pollution -see Specifics; Air Pollution-chemistry; Biochemical Analysis - Tissues; Computer Methods -general; Electrochemistry; Gas Chromatography; Monitoring Devices; ...1.0830

Polarography

POLARIZATION OF E.M. RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Air Pollution-chemistry; Effects; Light Visible Specroscopy; Tectonics; Ultraviolet Spectroscopy; ...1.0865

PHYSICO-CHEMICAL PROCESSES AND IONIC STATES OF MICROCONSTITUENTS IN SEA WATER AND THEIR RELATION TO RADIOECOLOGY OF NORTH ADRIATIC ...Chelation & Complexing; Kinetics; Marine Environments; Mediterranean Sea; Radioactivity; Sea Water Chemistry; Water Chemistry; ...2.0460

APPLICATION OF MODERN ELECTROANALYTICAL TECHNIQUES TO THE ANALYSIS OF HEAVY METALS IN WATER ...Analysis and Detection; Chemical Mechanisms & Kinetics; Electroanalyses; Mineralization; Trace Analysis; ...2.0557

ELECTROCHEMICAL METHODS FOR THE DETERMINATION OF TRACE AMOUNTS OF PHOSPHATE IN NATURAL WATER ...Analysis and Detection; Chelation & Complexing; Electrochemistry; Trace Analysis; Trace Element Analysis; Voltammetry; Water Pollutant Identification; ...2.0575

WATER QUALITY IMPROVEMENT - KINETICS AND MECHANISM OF THE CHLORINATION-DEGRADATION OF UREA AND URIC ACID ...Chlorination; Chlorine; Light Visible Specroscopy; Oxidation; Sterilants; Water Chemistry; ...2.0926

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Diffusion; Groundwater Movement; Organic Matter; Oxidation; Septic Tanks; Soil Chemical Properties; Soil Moisture; ...2.0989

Potentiometry

POTENTIOMETRIC TECHNIQUES FOR MONITORING IONS INVOLVED IN WATER POLLUTION ...Analysis and Detection; Automatic Data Aquisition; Chemical Analysis (water); Electrochemistry; Fluorine; Water Pollutant Identification; ...2.0656

AUTOMATED POTENTIOMETRIC TECHNIQUES FOR THE ON-SITE MONITORING OF IONS IMPORTANT IN WATER QUALITY CONTROL ...Analysis and Detection; Automatic Data Aquisition; Electrochemistry; Lead; Water Quality Control - general; ...2.0657

Voltammetry

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

ELECTROCHEMICAL METHODS FOR THE DETERMINATION OF TRACE AMOUNTS OF PHOSPHATE IN NATURAL WATER ...Analysis and Detection; Chelation & Complexing; Electrochemistry; Polarography; Trace Analysis; Trace Element Analysis; Water Pollutant Identification; ...2.0575

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection; Chemical Water Properties; Electrochemistry; Lead; Physical Water Properties; Trace Elements; Water Distribution Systems; Water Quality -general; Zinc; ...2.0623

Electrochemistry

ATMOSPHERIC CHEMISTRY OF BORON ...Aerosols; Air - Water; Air Pollution-chemistry; Colorimetric Methods; Spectrographic Techniques; ...1.0697

SELECTIVE AND SENSITIVE METHODS FOR THE DETERMINATION OF SULFURIC ACID AEROSOLS ...Aerosols; Air Pollution-chemistry; Chelation & Complexing; Electroanalyses; Mercury; Reduction Reactions; Spectrographic Techniques; ...1.0708

DEVELOPMENT OF AIR SAMPLING METHODOLOGY ...Air Pollution -see Specifics; Air Pollution-chemistry; Biochemical Analysis - Tissues; Computer Methods -general; Coulometry; Gas Chromatography; Monitoring Devices; ...1.0830

MOLECULAR INTERACTIONS AT THE OIL-WATER INTERFACE AND THE FORMATION OF MICROEMULSIONS ...Detergents -see Surfactants; Microscopy; Oil Removal; Petroleum Wastes - Spillage; Spectrographic Techniques; Surfactants -see Detergents; ...2.0273

PHYSICO-CHEMICAL PROCESSES AND IONIC STATES OF MICROCONSTITUENTS IN SEA WATER AND THEIR RELATION TO RADIOECOLOGY OF NORTH ADRIATIC ...Chelation & Complexing; Kinetics; Marine Environments; Mediterranean Sea; Radioactivity; Sea Water Chemistry; Water Chemistry; ...2.0460

PHYSICAL CHEMISTRY OF RADIOELEMENTS - RADIOMETRIC METHODS OF ANALYSIS ...Activation Analysis; Analysis and Detection; Chemical Extraction; Gamma Spectroscopy; Ion Exchange; Spectrographic Techniques; Water Pollution Sources; ...2.0515

RESEARCH TRACE METHODS ...Electroanalyses; Fluorine; Geological Exploration; Mercury; Trace Element Analysis; ...2.0518

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Air Pollution -see Specifics; Atomic Absorption; Chlorine; Fluorine; Iodine; Rain; ...2.0544

ELECTROCHEMICAL METHODS FOR THE DETERMINATION OF TRACE AMOUNTS OF PHOSPHATE IN NATURAL WATER ...Analysis and Detection; Chelation & Complexing; Polarography; Trace Analysis; Trace Element Analysis; Voltammetry; Water Pollutant Identification; ...2.0575

DEMONSTRATING THE ELECTROLYSIS BOD MEASURING METHOD ...Biochemical Oxygen Demand; Iowa; Process Design; ...2.0588

ANALYSIS OF SOLUTIONS FOR SURFACE-ACTIVE CONSTITUENTS ...Absorption - Chemistry; Adsorption; Chemical Analysis (water); Detectors and Sensors; Surfactants -see Detergents; ...2.0598

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection; Chemical Water Properties; Lead; Physical Water Properties; Trace Elements; Water Distribution Systems; Water Quality -general; Zinc; ...2.0623

BEHAVIOR OF PLATINUM ELECTRODES AS REDOX POTENTIAL INDICATORS IN METALLURGICAL SYSTEMS ...Analysis and Detection; Electrical, Electronic Mtl.; Infrared Spectroscopy; Metal Processing Wastes; Oxidation; Water Pollutant Identification; ...2.0640

POTENTIOMETRIC TECHNIQUES FOR MONITORING IONS INVOLVED IN WATER POLLUTION ...Analysis and Detection; Automatic Data Aquisition; Chemical Analysis (water); Fluorine; Potentiometry; Water Pollutant Identification; ...2.0656

AUTOMATED POTENTIOMETRIC TECHNIQUES FOR THE ON-SITE MONITORING OF IONS IMPORTANT IN WATER QUALITY CONTROL ...Analysis and Detection; Automatic Data Aquisition; Lead; Potentiometry; Water Quality Control -general; ...2.0657

A STUDY OF SELECTED SPECIFIC ION ELECTRODES, NO.II ...Analysis and Detection; Electroanalyses; Lead; Nutrients; ...2.0728

ION SELECTIVE ELECTROCHEMICAL SENSORS ...Brackish Water; Detectors and Sensors; Salt Water; Water Pollutant Identification; ...2.0820

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Adsorption; Filtration; Pilot Plants; Precipitation; Safety - Recreation; Viruses - Animal; Water Pollution -see Specifics; ...2.0836

DESIGN REQUIREMENTS FOR MUNICIPAL DIATOMITE FILTERS ...Coagulation; Filters-filtration; Process Design; Sewage - Domestic; Turbidity; ...2.0896

ELECTROCHEMICAL ACTIVATION AND REGENERATION OF CARBON SURFACES FOR TERTIARY WATER TREATMENT ...Chemical Regeneration; Electrolytic; Organics; Tertiary Treatment; Waste Water Treatment -general; ...2.0950

REMOVAL OF SUSPENDED MATTER AND TURBIDITY FROM WATER BY FLOCCULATION ...Colloidal Phenomena; Floods; Israel; Salinity (water); Suspension; Water Chemistry; ...2.1022

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacterial Pollutant Sources; Coliforms -nonspecific; Filtration; Foreign Agriculture; Hydrolysis, Esterification; Pilot Plants; Recharge (water); Sediments; Turbidity (water); ...2.1023

ECONOMIC DISPOSAL OF WASTE SLUDGES FROM WATER TREATMENT PLANTS ...Additives; Coagulation; Dewatering; Disposal; Filtration; Waste Treatment Economics; Water Purification; ...2.1121

COLOR REMOVAL FROM TEXTILE DYE WASTES BY COAGULATION ...Biochemical Oxygen Demand; Coagulation; Color; Color (water); Dye Wastes; Industrial Wastes; Textile Industry; ...2.1142

ELECTROMEMBRANE PROCESS FOR REGENERATING ACID FROM SPENT PICKLE LIQUOR ...Membranes; Metal Processing Wastes; Waste Material Recovery; Waste Treatment Economics; ...2.1143

WATER QUALITY CONTROL WITH SYNTHETIC POLYMERIC FLOCCULANTS - EFFECT OF MG, CA, CU, & ZN IONS ON BACTERIA & ALGAE (ABBREV) ...Additives; Bacterial Pollutant Sources; Flocculation; Sewage Treatment Plant; Waste Water Treatment -general; Water Quality Control -general; ...2.1206

INVESTIGATION OF AMPHIPATHIC WATER-SOLUBLE POLYMERS AS FLOCCULANTS AND FLOTATION AIDS IN DOMESTIC WASTEWATER TREATMENT ...Additives; Flocculation; Flotation; Sewage - Domestic; Surfactants -see Detergents; Waste Water Treatment -general; Water Pollution Sources; ...2.1209

WHITE WATER CLARIFICATION AND REUSE ...Flocculation; Optimization, Economic; Pulp and Paper Wastes; Waste Treatment Economics; Water Reuse; ...2.1244

THICKENING AND DEWATERING OF WATER TREATMENT SLUDGE ...Filtration; Thickening; Waste Drying; Waste Treatment; Waste Water Treatment -general; ...2.1255

REVERSE OSMOSIS TREATMENT OF WASTEWATERS ...Coagulation; Membranes; Organic Waste -see Waste Treat; Organics; Reverse Osmosis; Sewage - Domestic; Waste Water Treatment -general; ...2.1294

AN ELECTROCHEMICAL METHOD FOR REMOVAL OF PHOSPHATES FROM WASTEWATERS ...Waste Treatment Economics; ...2.1297

FLOCCULATION AND CLARIFICATION OF MINERAL SUSPENSIONS ...Flocculation; Iron; Minnesota; Streaming Potential; ...2.1311

EFFICIENCY AND ECONOMY OF POLYMERIC SEWAGE CLARIFICATION ...Combustible Filters; Flocculation; Recycle Water; Urban Research -general; Waste Treatment Economics; ...2.1315

METAL REMOVAL/RECOVERY FROM POLLUTED WATER BY COMPLEXATION WITH LINEAR POLYELECTROLYTES ...Chelation & Complexing; Chemical Treatment (water); Desalination; Industrial Wastes; Plastics; Waste Material Recovery; Zinc; ...2.1352

POWDERED CARBON TREATMENT OF WASTEWATER ...Activated Sludge; Fluidized Bed Reactor; Organics; Process Design; Thermal Regeneration; Turbidity; Waste Treatment Economics; ...2.1369

TREATMENT OF WATERCRAFT WASTES ...Boat Discharges; Chlorination; Coagulation; Disposal; Process Design; Ship Wastes; ...2.1395

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ...Chelation & Complexing; Colloidal Phenomena; Filtration; Fluid Mechanics; Mathematical Models; New England Province; Rhode Island; Sedimentation; ...2.1411

USE OF POLYMERS TO REDUCE OR ELIMINATE SEWER OVERFLOW IN THE BACHMAN CREEK SEWER ...Infiltration; Pipe; Storm Sewer Quantity; Storm Water; ...2.1428

METHODS TO REDUCE WATER POLLUTION CAUSED BY STORM WATER SEWER LOADING BY USING FLUID FLOW FRICTION REDUCERS ...Chemical Mechanisms & Kinetics; Groundwater; Pipe; Sewage - Domestic; ...2.1432

OPTIMAL CONDITIONING PROCEDURES FOR WASTE ACTIVATED SLUDGE DISPOSAL ...Activated Sludge; Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Dewatering; Digestion; Sand Filters; Waste Water Treatment - general; ...2.1442

THE ELECTRO-OXIDATION OF AMMONIA IN SEWAGE TO NITROGEN ...Electrolytic; Nitrogen and Nitrogen Cpds.; Sewage; Waste Water Treatment -general; ...3.0177

IMPROVEMENT OF TREATMENT OF FOOD INDUSTRY WASTE ...Electrolytic; Farm Animal Wastes; ...3.0242

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL--FLOCCULATION BY ORGANIC POLYMERS ...Colloidal Phenomena; Electrophoresis; Flocculation; Sand Filters; Thickening; ...3.0260

TREATMENT OF BEAN HOUSE WASTES FROM A VEGETABLE TANNERY ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Neutralization; Tannery Wastes; ...3.0262

CHEMICAL AND ENGINEERING ASPECTS OF POTATO PROCESSING WASTES TREATMENT ...Flotation; Food Processing Industries; Food Processing Wastes; Sewer Systems; Waste Material Recovery; ...3.0287

APPLICATION OF HYPERFILTRATION WITH DYNAMICALLY-FORMED MEMBRANES TO TREATMENT OF MUNICIPAL SEWAGE EFFLUENTS ...Activated Sludge; Effluent-

standards; Membranes; Porosity; Sewage; Tertiary Treatment; ...3.0319

MISCELLANEOUS CHEMICAL INVESTIGATIONS ...Chemical Analysis; Cirsium; Insecticides -nonspecific; Pesticide Evaluation; ...4.1967

FUNDAMENTAL STUDIES IN FALLOUT FORMATION PROCESSES ...Chemical Mechanisms & Kinetics; Fission Products-see Radioact.; Plasmas; Radiotracers -see Tracers; ...5.0048

GENERATION OF MONODISPERSE AEROSOLS OF INSOLUBLE FORMS FOR USE IN INHALATION EXPOSURES ...Aerosols; Body Isotope Burden; Chelation & Complexing; Electrical Phenomena; Fission Products-see Radioact.; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0448

QUANTITATION OF LOW LEVELS OF TRITIUM IN BIOLOGICAL AND ENVIRONMENTAL MATERIAL ...Air Pollution -see Specifics; Hydrogen; Radioactive Hazard; Radioactive Isotopes; Radiologic Health; Scintillation Counting; ...5.0782

Electrodialysis

ANALYTIC AND PROCESS CLASSIFICATION OF EFFLUENTS (ORGANIC NITROGEN IN ACTIVATED CARBON EFFLUENTS) ...Effluent-standards; Electrophoresis; Nitrogen and Nitrogen Cpds.; Organics; Total Organic Carbon; Waste Water Treatment -general; ...2.0528

BRACKISH WATER PURIFICATION BY BIOLOGICAL FUEL CELL POWERED ELECTRODIALYSIS ...Brackish Water; Desalination; Effluents - Waste Water; Microorganisms -nonspecific; Salt Water; Water Costs; ...2.0917

DEMINERALIZATION OF WASTEWATER BY THE TRANSPORT-DEPLETION PROCESS ...Demineralization; Process Design; Waste Management -see Specific; Waste Water Treatment -general; ...2.1144

A FEASIBILITY STUDY OF ULTRAFILTRATION AND ELECTROPHORETIC DIALYSIS FOR RECOVERY OF VIRUSES IN WASTE AND OTHER WATERS ...Filters-filtration; Reverse Osmosis; Viral Pollutant Sources; Virus; Viruses - Animal; Water Pollution -see Specifics; ...2.1281

MATHEMATICAL MODEL OF THE ELECTRODIALYSIS PROCESS FOR ADVANCED WASTE TREATMENT ...Model Studies; Process Design; Waste Water Treatment -general; ...2.1299

CONTROL OF MINERAL CONSTITUENTS IN WASTE WATER BY ELECTRODIALYSIS ...Demineralization; Mineralogical Water Properties; Pilot Plants; Solid Waste; Waste Water Treatment -general; ...2.1364

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ...Alum Waste Water Treatment; Biochemical Oxygen Demand; Flocculation; Ion Exchange; Sand Filters; Solid Waste; Waste Treatment Economics; ...2.1365

ELECTRODIALYSIS TREATMENT OF SECONDARY EFFLUENT ...Demineralization; Fluid Mechanics; Pilot Plants; Waste Water Treatment -general; Water Reuse; ...2.1380

SINGLE STAGE LIME TREATMENT OF WASTEWATER ...Demineralization; Flocculation; Lime Treatment; Tertiary Treatment; Turbidity; Waste Water Treatment -general; ...2.1381

ENGINEERING ANALYSIS OF WASTE TREATMENT ...Mathematical Models; Waste Treatment Economics; Waste Water Treatment -general; Water Reuse; ...2.1893

Electroosmosis

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Digestion; Farm Animal Wastes; Sewage Lagoons; Waste Drying; ...3.0181

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Farm Animal Wastes; Gallus Domesticus; Pilot Plants; Waste Disposal-see Solid Waste; ...3.0184

Electrophoresis

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Bacterial Population Surveys; Column Chromatography; Isotope Tracer -see Tracers; Phosphorus; Sewage; Sewage Bacteria; ...2.0020

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

ANALYTIC AND PROCESS CLASSIFICATION OF EFFLUENTS (ORGANIC NITROGEN IN ACTIVATED CARBON EFFLUENTS) ...Effluent-standards; Electrodialysis; Nitrogen and Nitrogen Cpds.; Organics; Total Organic Carbon; Waste Water Treatment -general; ...2.0528

WATER PURIFICATION BY LARGE-SCALE ELECTROPHORESIS ...Air Pollution-chemistry; Bacteriophage; Membranes, Sewage Bacteria; ...2.0872

THE REMOVAL OF IMPURITIES IN TRICKLING FILTER EFFLUENTS ...Coagulation; Pond; Tertiary Treatment; Types of Resources; Zeta Potential; ...2.0944

ELECTROPHORETIC CLARIFICATION OF WATER ...Adsorption; Colloidal Phenomena; Filtration; Pesticide Residues Removal; Pesticides -see Pesticide; Size; Waste Water Treatment -general; Water Pollutant Identification; ...2.0948

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL-FLOCCULATION BY ORGANIC POLYMERS ...Colloidal Phenomena; Electrochemistry; Flocculation, Sand Filters; Thickening; ...3.0260

Streaming Potential

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

FLOCCULATION AND CLARIFICATION OF MINERAL SUSPENSIONS ...Electrochemistry; Flocculation; Iron; Minnesota; ...2.1311

Zeta Potential

DEVELOPMENT NEUTRON ACTIVATION TECHNIQUES FOR INVESTIGATION OF WATER CLARIFICATION ...Activation Analysis; Coagulation; Flocculation; Soil Filters; ...2.0915

THE REMOVAL OF IMPURITIES IN TRICKLING FILTER EFFLUENTS ...Coagulation; Electrophoresis; Pond; Tertiary Treatment; Types of Resources; ...2.0944

A MATHEMATICAL MODEL FOR THE FINAL CLARIFIER OF AN ACTIVATED SLUDGE PROCESS ...Activated; Economic Theory; Effluents - Waste Water; Model Studies; Thickening; ...3.0354

Electromagnetic Field

BEHAVORIAL EFFECTS OF LOW INTENSITY UHF RADIATION ...Auditory Stress; Microwave and Radiofrequency; Muridae; Psychology; Radiation, Low Level; ...5.0093

PERFORMANCE IN NONHUMAN PRIMATES AS INFLUENCED BY LOW FREQUENCY ELECTROMAGNETIC FIELDS ...Cercopithecoidea; Radiation, Low Level; ...5.0251

EXPERIMENTAL ELECTROMAGNETIC RADIATION STUDIES ...Canidae; Escherichia Coli; Microwave and Radiofrequency; Primates -nonspecific; Radiation Sensitivity -man; ...5.0370

EFFECTS OF NUCLEAR ELECTROMAGNETIC PULSE (EMP) ON CIVIL SYSTEMS ...Electronic Components; Nuclear Detonations; Radiation Shielding; ...5.0641

HUMAN BODY INTERACTION TO RF ENVIRONMENTS ...Data Reduction and Analysis; Interaction With Matter; Microwave and Radiofrequency; Occupational Hazards; Statistics; ...5.0730

DEVELOP ELECTROMAGNETIC HAZARD METER ...Instrument Services; Instrumentation; Microwave and Radiofrequency; Microwave Engineering; Military Personnel; Submarine & Diving Medicine; ...5.0799

HIGH FREQUENCY ELECTROMAGNETIC HAZARD MEASUREMENTS ...Biological Dosimetry; Dosimeters -see Dosimetry; Instrumentation; Monkey; Radiation Sources -general; ...5.0800

ELECTROMAGNETIC RADIATION MEASUREMENT METHODS AND CALIBRATION ...Dosimetry; Electrical Phenomena; Microscopy; Radiation Detectors; Thermoluminescent Detectors; ...5.0853

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate, Dose Fractionation; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies - general; Water Pollution Sources; ...5.0881

ELECTROMAGNETIC POWER ABSORPTION MEASUREMENTS FOR RADAR HAZARDS ASSESSMENT AD SURVEILLANCE SYSTEMS ...Canidae; Infra Red; Microwave and Radiofrequency; Radiation Effects - Biological; Surveillance, Electronic; ...5.0915

Electronic Components

STATE OF THE ART SURVEY (EFFECTS AND ECONOMICS) FOR ELECTRONIC COMPONENTS ...Air Pollution Effects; Manufacturing; ...1.0469

SURVEILLANCE - LOW TEMPERATURE PROPERTIES OF ELECTRONIC MATERIALS FOR DETECTION DEVICES ...Electronic Detection, Tracking; Solid State Engineering; Surveillance, Electronic; Waveguides; ...1.0060

NUCLEAR WEAPONS EFFECTS ON ARMY MATERIAL/PARAMETRIC STUDIES ...Computer Aided Circuit Design; ...5.0235

RADIATION EFFECTS ON MICROWAVE DEVICES ...Solid State Engineering; ...5.0237

EFFECTS OF RADIATION ON SEMICONDUCTORS AND DEVICES ...Solid State Engineering; Space Science and Technology; ...5.0376

COMMUNICATIONS - NUCLEAR RADIATION EFFECTS ON ELECTRONIC COMPONENT MATERIALS AND ELECTRONIC DEVICES ...Electrical, Electronic Mtl.; Irradiation; ...5.0452

SURVEILLANCE - RADIATION EFFECTS IN GASES, LIQUIDS, METALS AND SEMICONDUCTOR MATERIALS ...Arsenic; Phosphorus and Phosphorus Cpds; ...5.0514

EFFECTS OF NUCLEAR ELECTROMAGNETIC PULSE (EMP) ON CIVIL SYSTEMS ...Electromagnetic Field; Nuclear Detonations; Radiation Shielding; ...5.0641

BIOLOGICAL AND CLINICAL DOSIMETRY ...Atomic Particle Accelerators; Dosimetry; Fast Neutrons; Monitors and Automatic; Neutron Detectors; ...5.0872

P-N JUNCTION DIODE DOSIMETRY WITH TEMPERATURE COMPENSATION ...Detectors; Dosimeters -see Dosimetry; Dosimetry; X and Gamma Rays; ...5.0947

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Cell Membrane Permeability; Chlorophyll; Permeability; Physical Control; Potamogetonaceae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Radiation; Radiation Effects - Biological; Space Medicine - Exobiology; Space Science and Technology; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0066

Electronic Control Systems

TRACE CONTAMINANTS ASSOCIATED WITH MAN IN AIR FORCE SYSTEMS ...Military Personnel; Space Science and Technology; ...1.0300

SPACECRAFT OCEANOGRAPHY PROJECT ...Data Acquisition; Electronic Detection, Tracking; Management; Marine Pollution; Microwave Radiation; Sea Ice; Space Science and Technology; Spacecraft Sensory Devices; Visible Light; ...2.0541

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection; Chemical Water Properties; Electrochemistry; Lead; Physical Water Properties; Trace Elements; Water Distribution Systems; Water Quality -general; Zinc; ...2.0623

CONTROL OF HUMAN EXPOSURE TO ACOUSTIC ENERGY GENERATED BY AIR FORCE ACTIVITIES ...Aviation Medicine; Environmental Effects - Human; Noise; Noise Abatement; ...6.0013

SURVEY OF EXISTING FEDERAL, STATE AND LOCAL NOISE CONTROL ORDINANCES ...Education -see Training; Legal Studies; Noise; ...6.0076

SURVEY OF NOISE CONTROL EFFORTS OF FOREIGN COUNTRIES ...Legal Studies; Signal Analysis; ...6.0088

VOICE COMMUNICATION DURING AIR FORCE IN-FLIGHT AND GROUND OPERATIONS ...Communication; Sensory & Perceptual Processes; Signal Analysis; ...6.0103

Electronic Detection, Tracking

LIDAR OBSERVATIONS OF LOWER TROPOSPHERIC AEROSOL DISTRIBUTIONS DURING BOMEX ...Aerosols ; Atmospheric Dynamics; Condensation Physics; Heat and Radiation Transfer; Inversion; Particulates - Air Pollution; ...1.0011

PORTABLE TOXIC VAPOR DETECTOR ...Chemical Mechanisms & Kinetics; Detectors and Sensors; Propellants; Solid State Engineering; ...1.0711

SURVEILLANCE - LOW TEMPERATURE PROPERTIES OF ELECTRONIC MATERIALS FOR DETECTION DEVICES ...Electronic Components; Solid State Engineering; Surveillance, Electronic; Waveguides; ...1.0060

SPACECRAFT OCEANOGRAPHY PROJECT ...Data Acquisition; Management; Marine Pollution; Microwave Radiation; Sea Ice; Space Science and Technology; Spacecraft Sensory Devices; Visible Light; ...2.0541

REMOTE SENSING OF WATER QUALITY IN THE MARINE ENVIRONMENT ...Aerial Photography -see Photo.; Infra Red Photography; Marine Environments; Marine Pollution; Thermal Properties; ...2.0615

COUNTER MEASURE STUDIES AGAINST VULNERABILITY OF PERSONNEL AND MATERIALS TO TACTICAL LASER IRRADIATION ...Lasers and Masers; ...5.0859

SOUND PROPAGATION AND ATTENUATION CHARACTERISTICS OVER A HEAVILY VEGETATED TERRAIN ...Audio Frequencies -see Noise; Electromagnetic Propagation; Noise; Signal Analysis; Sound Attenuation Acoustics; Terrain Analysis; Topography; ...6.0001

WIND SENSING ...Air Motion Instruments; Noise -see Noise; Signal Analysis; Turbulence; Weather Radar; ...6.0054

Electronic Technical Services

Data Processing Services

HEAVY METALS AND LOCOMOTION IN FISH ...Behavior -vertebrate; Fish; Mineralogical Water Properties; Zinc; ...2.1730

Instrument Services

TEST EVALUATION REPORT COVERING PAST UNPUBLISHED CONTROL DEVICE EVALUATION TESTS ...Air Pollution -see Specifics; ...1.0571

DEFINE AND DEVELOP UNIFORM PROCEDURES FOR MEASURING PERFORMANCE EVALUATION PROCEDURES FOR CONTINUOUS ATMOSPHERIC ANALYZERS ...Absorption - Chemistry; Air Pollution Analysis; Air Pollution-chemistry; Detectors and Sensors; Gases; Nitrogen and Nitrogen Cpds.; Oxidants; ...1.0671

IONIZATION METHODS OF GAS ANALYSIS ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Detectors and Sensors; Inorganic Gases; Solid State Engineering; ...1.0847

DIGITAL SYSTEMS FOR ON-SITE DATA COLLECTION FOR WATER QUALITY ANALYSIS ...Automatic Data Aquisition; Data Acquisition Systems; Data Networks; Data Transmission Systems; Digital Computers; Water Quality -general; ...2.0481

FEASIBILITY STUDY OF WATER RESOURCE POLLUTANT IDENTIFICATION BY DIGITAL COMPUTER ANALYSIS OF REMOTE INFRARED SENSOR SPECTRAL INTENSITIES ...Aircraft Remote Sensing; Industrial Wastes; Man Machine Systems; Optical Detectors; Radiation Detectors; Thermal Pollution; ...2.0793

INHALATION STUDIES - AEROSOL TECHNOLOGY STUDIES ...Aerosols; Biochemical Analysis - Tissues; Mammals -nonspecific; Plutonium; Radiation Injury Prevention; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0747

DEVELOP ELECTROMAGNETIC HAZARD METER ...Electromagnetic Field; Instrumentation; Microwave and Radiofrequency; Microwave Engineering; Military Personnel; Submarine & Diving Medicine; ...5.0799

HIGH FREQUENCY ELECTROMAGNETIC HAZARD MEASUREMENTS ...Biological Dosimetry; Dosimeters -see Dosimetry; Electromagnetic Field; Instrumentation; Monkey; Radiation Sources -general; ...5.0800

WORLD ELECTRONIC INDUSTRIES ...Air Pollution Monitoring; Consumption; Economic Projections- Forecast; Electronics Engineering; Meteorologic Instruments -gen.; Noise -see Noise; Supply; ...6.0071

Testing Facilities

SUPPORT ENGINEERING TESTS/SERVICE TESTS OF MOBILE ION EXCHANGE UNIT BY TECOM ...Ion Exchange; ...2.0951

Electronics

Electric Circuits and Networks

Computer Aided Circuit Design

NUCLEAR WEAPONS EFFECTS ON ARMY MATERIAL/PARAMETRIC STUDIES ...Electronic Components; ...5.0235

Electromagnetic Propagation

SUB-MILLIMETER RESEARCH ...Air Pollution; Effects; Energy-radiation; Interferometry; Lasers and Masers; Resonance; Weather Radar; ...1.0686

SOUND PROPAGATION AND ATTENUATION CHARACTERISTICS OVER A HEAVILY VEGETATED TERRAIN ...Audio Frequencies -see Noise; Electronic Detection, Tracking; Noise; Signal Analysis; Sound Attenuation Acoustics; Terrain Analysis; Topography; ...6.0001

Electronics Engineering

WORLD ELECTRONIC INDUSTRIES ...Air Pollution Monitoring; Consumption; Economic Projections- Forecast; Instrument Services; Meteorologic Instruments -gen.; Noise -see Noise; Supply; ...6.0071

Microwave Engineering

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Atmosphere Disturbance; Cloud Temperature; Color - Brightness; Computer Models; Cumulus; Microwave Radiation; Radiation Balance -cloud; Simulation Theory; Temperature; ...1.0358

SPACECRAFT OCEANOGRAPHY PROJECT ...Data Acquisition; Electronic Detection, Tracking; Management; Marine Pollution; Microwave Radiation; Sea Ice; Space Science and Technology; Spacecraft Sensory Devices; Visible Light; ...2.0541

NAVY ENVIRONMENT--PHYSIOLOGICAL, PATHOLOGICAL AND BEHAVIORAL EFFECTS OF MICROWAVE RADIATION ...Microwave and Radiofrequency; Military Personnel; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0740

DEVELOP ELECTROMAGNETIC HAZARD METER ...Electromagnetic Field; Instrument Services; Instrumentation; Microwave and Radiofrequency; Military Personnel; Submarine & Diving Medicine; ...5.0799

Modulation Procedures

Pulse Modulation

ACOUSTIC INTERFERENCE WITH COCKPIT COMMUNICATIONS ...Aerospace Studies; Noise; Sensory & Perceptual Processes; Signal Analysis; ...6.0015

Signal Modulation

ACOUSTIC INTERFERENCE WITH COCKPIT COMMUNICATIONS ...Aerospace Studies; Noise; Pulse Modulation; Sensory & Perceptual Processes; Signal Analysis; ...6.0015

Radio Frequency Interference

ACOUSTIC INTERFERENCE WITH COCKPIT COMMUNICATIONS ...Aerospace Studies; Noise; Pulse Modulation; Sensory & Perceptual Processes; Signal Analysis; ...6.0015

Signal Analysis

POLARIZATION OF E.M. RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Air Pollution-chemistry; Effects; Light Visible Specroscopy; Polarography; Tectonics; Ultraviolet Spectroscopy; ...1.0865

SOUND PROPAGATION AND ATTENUATION CHARACTERISTICS OVER A HEAVILY VEGETATED TERRAIN ...Audio Frequencies -see Noise; Electromagnetic Propagation; Electronic Detection, Track..g; Noise; Sound Attenuation Acoustics; Terrain Analysis; Topography; ...6.0001

PREDICTION OF NEAR-FIELD NOISE FROM FIGHTER, TRANSPORT AND OTHER MILITARY CONFIGURED VTOL AIRCRAFT ...Noise Abatement; ...6.0004

OPTIMIZATION OF AUDITORY PERFORMANCE IN NAVAL AVIATION ...Noise; ...6.0006

ACOUSTIC INTERFERENCE WITH COCKPIT COMMUNICATIONS ...Aerospace Studies; Noise; Pulse Modulation; Sensory & Perceptual Processes; ...6.0015

ENGINE AND PROPELLER NOISE ...Engines; Noise; Noise Abatement; Rotors - Propellers; Turbines; ...6.0019

SUPPORT OF SOCIETY OF AUTOMOTIVE ENGINEERS, INCORPORATED, NOISE RESEARCH STUDY ...Noise; Noise Abatement; Urban Research -general; ...6.0040

WIND SENSING ...Air Motion Instruments; Electronic Detection, Tracking; Noise -see Noise; Turbulence; Weather Radar; ...6.0054

DEVELOPMENT OF DAMAGE RISK CRITERIA AND HABITABILITY STANDARDS FOR EXPOSURE TO SONAR TRANSMISSIONS ...Auditory Physiology; Noise; Sound Attenuation Acoustics; Submarine & Diving Medicine; ...6.0075

RESPONSE OF CAGED MINK TO SONIC BOOM ...Engineering Mechanics; Farm Structures & Design; Mustelidae; Noise; Vibrations, -bioeffects; ...6.0087

SURVEY OF NOISE CONTROL EFFORTS OF FOREIGN COUNTRIES ...Electronic Control Systems; Legal Studies; ...6.0088

SYSTEMS STUDY OF HELICOPTER NOISE REQUIREMENTS ...Aerodynamic Configuration; Aircraft; Noise Abatement; ...6.0089

VOICE COMMUNICATION DURING AIR FORCE IN-FLIGHT AND GROUND OPERATIONS ...Communication; Electronic Control Systems; Sensory & Perceptual Processes; ...6.0103

Solid State Engineering

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Atmosphere Disturbance; Cloud Temperature; Color - Brightness; Computer Models; Cumulus; Microwave Radiation; Radiation Balance -cloud; Simulation Theory; Temperature; ...1.0358

PORTABLE TOXIC VAPOR DETECTOR ...Chemical Mechaniams & Kinetics; Detectors and Sensors; Electronic Detection, Tracking; Propellants; ...1.0711

IONIZATION METHODS OF GAS ANALYSIS ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Detectors and Sensors; Inorganic Gases; Instrument Services; ...1.0847

SURVEILLANCE - LOW TEMPERATURE PROPERTIES OF ELECTRONIC MATERIALS FOR DETECTION DEVICES ...Electronic Components; Electronic Detection, Tracking; Surveillance, Electronic; Waveguides; ...1.0860

REMOTE SENSING OF WATER QUALITY IN THE MARINE ENVIRONMENT ...Aerial Photography -see Photo.; Electronic Detection, Tracking; Infra Red Photography; Marine Environments; Marine Pollution; Thermal Properties; ...2.0615

RADIATION EFFECTS ON MICROWAVE DEVICES ...Electronic Components; ...5.0237

EFFECTS OF RADIATION ON SEMICONDUCTORS AND DEVICES ...Electronic Components; Space Science and Technology; ...5.0376

SOLID STATE RADIATION DOSIMETRY ...Dosimeters -see Dosimetry; Dosimetry; Electro-optics; Ionizing Radiation -see Rad.; Lasers and Masers; Thermoluminescent Detectors; ...5.0824

Transmmission Lines

Waveguides

SURVEILLANCE - LOW TEMPERATURE PROPERTIES OF ELECTRONIC MATERIALS FOR DETECTION DEVICES ...Electronic Components; Electronic Detection, Tracking; Solid State Engineering; Surveillance, Electronic; ...1.0860

Ultrasonic Engineering

A STUDY OF THE EFFECT OF ULTRASONIC ENERGY ON WASTE WATER ...Acoustics; Disinfection; Fluid Mechanics; Nitrogen and Nitrogen Cpds.; Organics; ...2.1178

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Radiation; Radiation Effects - Biological; Space Medicine - Exobiology; Space Science and Technology; Ultrasonic -bioeffects; X and Gamma Rays; ...5.0122

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Cell Membrane Permeability; Chlorophyll; Electronic Components; Permeability; Physical Control; Potamogetonaceae; Ultrasonic -bioeffects; ...6.0065

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Electronic Components; Radiation; Radiation Effects - Biological; Space Medicine - Ex-

obiology; Space Science and Technology; Ultrasonic -bioeffects; ...6.0046

INTERACTION OF ULTRASOUND AND BIOLOGICAL MEDIA ...Felidae; Muridae; Ultrasonic -bioeffects; ...6.0081

ULTRASONIC ABSORPTION BY BIOLOGICAL MATERIALS ...Sound Attenuation Acoustics; Ultrasonic -bioeffects; ...6.0082

ELECTRICAL AND ACOUSTICAL STUDIES OF CELLS ...Acoustics; Bacteria -nonspecific; Bacterial Studies -general; Cell Membrane Permeability; Ionic Effect; Permeability; Ultrasonic - bioeffects; ...6.0090

Elevation Levels, Altitude

BIOLOGY AND CONTROL OF DISEASES OF CONIFER FORESTS OF CALIFORNIA AND HARDWOOD FORESTS OF HAWAII ...Fomes; Forest Pathology; Fungal Resistance; Loranthaceae; Pinus Ponderosa; Smog; ...1.0308

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Erosion; Forest Watersheds; Mineralogical Water Properties; Oligotrophic Lakes; Optical Properties of Water; Recreation, Water Resources; Temperature Or Heat Budgets; Turbidity (water); ...2.0032

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Forest Watersheds; Hydrographs; Piedmont Province; Rainfall - Runoff Relationship; Slope; Soil Density; Soil Moisture; Water Table; ...2.0113

ENVIRONMENTAL EFFECTS ON THE CONTENT OF CS137 IN MILK ...Air Pollution -see Specifics; Deposition-general; Food Contamination; Lakes; Radioactive Fallout; Reservoirs and Impoundments; Strontium; ...5.0081

BIOLOGY OF THE EASTERN CHIPMUNK, TAMIAS STRIATUS ...Animal Productivity; Population Dynamics -general; Sciuridae; Vertebrates Excl. Man; ...5.0375

TERRESTRIAL ANIMAL ECOLOGY ...Animal Productivity; Cricetidae -other; Environmental Ecology; Population Dynamics - general; Radiation Sensitivity -man; Rodentia -other; ...5.0745

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

Embryology & Developmental Bio

Developmental Biology -general

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Radiation ; Radiation Effects - Biological; Space Medicine - Exobiology; Space Science and Technology; Ultrasonic -bioeffects; Ultrasonic Engineering; X and Gamma Rays; ...5.0122

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Contamination - Water; Japan; Marine Biology - General; Radioactivity; Radioisotopes -nonspecific; Water Pollution Sources; ...5.0331

INFLUENCE OF RADIATION QUALITY AND DOSE RATE ON EARLY AND LATE EFFECTS IN CELL-RENEWAL SYSTEMS IN THE MAMMAL ...Dose Rate, Dose Fractionation; Dosimetry; Fast Neutrons; Mammals -nonspecific; Neutron -see Radiation; Radiation; X and Gamma Rays; ...5.0891

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Electronic Components; Radiation; Radiation Effects - Biological; Space Medicine - Exobiology; Space Science and Technology; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0066

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Radiation; Radiation Effects - Biological; Space Medicine - Exobiology; Ultrasonic -bioeffects; X and Gamma Rays; ...6.0067

Embryonic Growth Stages

RADIATION DAMAGE - METABOLISM IN REPRODUCTIVE SYSTEM ...Cellular Biosynthesis; Cellular Repair Mechanisms; Experimental Teratology; Muridae; Radiation Sensitivity -man; ...5.0329

PHASE I. FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS: RADIATION EFFECTS ON REPRODUCTION AND EMBRYOGENESIS ...Cellular Viability; Muridae; Radiation Effects - Biological; Strontium; ...5.0480

Experimental Teratology

STUDIES OF ENVIRONMENTAL AIR POLLUTANTS ...Air Pollution -see Specifics; Amphibians; Carbon; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0198

CARCINOGENS IN THE ENVIRONMENT ...Animal Wastes - Feed Lots; Capra; Contamination -see Air & Water; Developmental Physiology; Drainage; Environmental Carcinogenesis; Feces; ...2.0399

METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Domestic Animals; Feces; Gallus Domesticus; Insecticides -nonspecific; Pesticide in Food Chains; Pesticide Tolerance Rate; ...4.0608

EFFECT OF RUELENE (REG. TRADEMARK) ON EMBRYONIC DEVELOPMENT ...Bos; Chemical Analysis; Developmental Physiology; Domestic Animals; Pesticide Residues; Ruelene; ...4.0644

EXPANDING REPORT ON EFFECTS OF PESTICIDES ...Chemical Carcinogenesis; Microorganisms -nonspecific; Pesticide Toxicity -general; Pesticide Toxicity in Humans; Pesticides -nonspecific; Toxicology; ...4.0646

TOXICOLOGICAL STUDIES OF DIELDRIN AND STEROIDS IN DOGS ...Canidae; Dieldrin; Gas Chromatography; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0773

THE TERATOGENIC EVALUATION OF THE HERBICIDE 2,4,5-T AND DIOXIN ...Environmental Effects - Human; Herbicides - nonspecific; Pesticide Action on Animals; Pesticides -other; T, 2,4,5-; ...4.0785

METABOLISM AND DISTRIBUTION OF 2,4,5-T AND ITS ANALOGS IN PREGNANT AND NONPREGNANT RATS, MICE, AND GUINEA PIGS ...Caviidae; Laboratory Animals; Metabolites From Pesticides; Muridae; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0786

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON HI VIRAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Cricetus; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Mercury; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0791

PESTICIDES AND PESTICIDAL SYNERGISTS STUDIES IN PREGNANT HAMSTERS ...Aldrin; Cricetus; Dieldrin; Endrin; Laboratory Animals; Piperonyl Butoxide; Toxicology; ...4.0795

RELATIONSHIPS OF PESTICIDE APPLICATION TO PESTICIDE RESIDUES IN WILDLIFE ...Behavior -vertebrate; DDE; Pesticide Action on Animals; Pheasant; Tissue Accumulation Rates; ...4.0827

TOXIC EFFECTS OF AGRICULTURAL CHEMICALS ON REPRODUCTION IN ANIMALS ...Chemical Mutagenesis; Lethal Mutation; Mammals -nonspecific; Pesticide Formulation; Pesticides -nonspecific; ...4.0867

THE TOXICOLOGICAL ACTION OF ORGANOPHOSPHATES AND CARBAMATES ...Air Pollution -see Specifics; Chemical Carcinogenesis; Laboratory Animals; Muridae; Pesticide Action on Animals; Sevin; ...4.0881

RADIATION DAMAGE - METABOLISM IN REPRODUCTIVE SYSTEM ...Cellular Biosynthesis; Cellular Repair Mechanisms; Muridae; Radiation Sensitivity -man; ...5.0329

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Fish; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

EFFECTS OF RADIATION AND OTHER FACTORS ON THE DEVELOPING FORM AND FUNCTION OF THE NERVOUS SYSTEM ...Developmental Physiology; Injury and Shock; Mammals -nonspecific; Radiation Effects - Biological; ...5.0402

STUDIES OF THE DYNAMICS OF CARDIAC DEVELOPMENT ...X and Gamma Rays; ...5.0424

IONIZING RADIATION, BEHAVIORAL DEVELOPMENT, AND AGING ...Aging; Learning and Retention; Psychology; Radiation Dose Studies-general; Radiation, Low Level; ...5.0605

LATE EFFECTS OF LOW DOSE RATE GAMMA RAYS DURING THE PRENATAL PERIOD ...Aging; Developmental Physiology; Mammals -nonspecific; Radiation Carcinogenesis; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0655

THE EFFECT OF RADIATION ON PRENATAL DEVELOPMENT ...Cobalt; Developmental Physiology; Muridae; Ovis; Sus; X and Gamma Rays; ...5.0674

THE EFFECTS OF IRRADIATION ON ERYTHROCYTE CHIMERISM & IMMUNOLOGIC TOLERANCE IN CATTLE TWINS ...Animal Pharmacology; Bos; Immunology; Radiation Effects - Biological; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0766

Human Developmental Biology

NAVY ENVIRONMENT--EPIDEMIOLOGICAL STUDY OF MICROWAVE INJURY IN NAVAL PERSONNEL ...Interaction With Matter; Microwave and Radiofrequency; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0028

THE BIOLOGICAL EFFECTS OF LOW DOSAGE RADIATION ...Air Pollution -see Specifics; Literature Search; Radiation Carcinogenesis; Radiation, Low Level; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0143

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - MORTALITY STUDIES ...Aging; Atomic Bomb; Japan; Nuclear Warfare; ...5.0230

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - SPECIFIC DISEASES OR DISORDERS STUDIES ...Atomic Bomb; Digestive System - Human; Exercise; Japan; Nuclear Warfare; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0232

ANALYSIS OF THE MORBIDITY AND MORTALITY OF CHILDREN IRRADIATED IN FETAL LIFE ...Computer Methods - general; Injury and Shock; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0302

PARENTAL RADIATION EXPOSURE AND DOWN'S SYNDROME, WITH PARTICULAR ATTENTION TO IONIZING RADIATION AND RADAR (21) ...Interaction With Matter; Ionizing Radiation -see Rad.; Microwave and Radiofrequency; Radiation Effects - Biological; ...5.0349

STATISTICAL ANALYSIS OF LONGITUDINAL GROWTH DATA ON ADOLESCENTS EXPOSED IN UTERO TO THE ATOMIC BOMBS, HIROSHIMA & NAGASAKI ...Atomic Bomb; Environmental Effects - Human; Nuclear Warfare; Radiation Effects - Biological; ...5.0488

RADIOLOGICAL AND HEALTH PHYSICS HUMAN STUDIES ...Beta Particles; Digestive System - Human; ...5.0632

TOOTH COLLECTION FOR RADIOACTIVE NUCLIDE STUDY ...Children; Food Contamination; Radiation Effects - Biological; Radiologic Health; Strontium; ...5.0860

RADIATION DOSIMETRY RESEARCH ...Alpha Particles; Detectors and Sensors; Fast Neutrons; Models (physical) of Anim.&man; Radiation Carcinogenesis; Radiologic Health; X and Gamma Rays; ...5.0924

Invertebrate Developmental Bio

Developmental Physiology

EFFECTS OF PESTICIDES ON MARINE ANIMALS ...Echinodermata ; Hippolyte; Invertebrate Physiology; Marine Pollution; Pesticide Toxicity in Animals; ...4.0593

NEMATODE MUTANTS WITH DEFECTIVE BEHAVIORAL AND NEURONAL FUNCTION ...Chemical Mutagenesis; Mutagenesis -nonspecific; Nematoda; Radiation Effects - Biological; ...5.0363

A STUDY OF EFFECTS OF RADIATION ON HOST-PARASITE RELATIONSHIPS ...Invertebrate Physiology; Invertebrates; X and Gamma Rays; ...5.0617

Embryology -basic

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Atomic Plants; Estuaries; Invertebrate Physiology; Marine Animals; Population Dynamics -general; Temperature (water); ...2.1567

PROTEIN SYNTHESIS DURING EARLY DEVELOPMENT OF THE SEA URCHIN EMBRYO ...Cellular Biosynthesis; Echinodermata; ...5.0144

PHOTOBIOLOGICAL STUDIES ON EARLY DEVELOPMENT ...Cell Injury and Autolysis; Echinodermata; Invertebrates; Radiation; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0768

Mammal Developmental Biology

Developmental Physiology

TRACE AMOUNT SUBSTANCES IN ENVIRONMENTAL HEALTH ...Chemical Analysis (water); Environmental Effects - Human; Health & Geographic Factors; Sus; Water Pollutant Identification; ...1.0217

INITIATE A STUDY AND BEGIN COLLECTION OF DATA ON THE EFFECTS OF IN-VIVO EXPOSURE TO CO ON ERYTHROCYTE METABOLISM ...Air Pollution -see Specifics; Anoxia and Hypoxia; Carbon Monoxide; Gases; Ionic Effect; Mammals -nonspecific; Toxicology; ...1.0247

CARCINOGENS IN THE ENVIRONMENT ...Animal Wastes - Feed Lots; Capra; Contamination -see Air & Water; Drainage; Environmental Carcinogenesis; Experimental Teratology; Feces; ...2.0399

PHYSIOLOGICAL RESPONSE OF FEMALE RATS AND OFFSPRING TO MULTI-INSECTICIDES AND MINERALS ...DDT; Dinitrophenol; Muridae; Pesticide Action on Animals; Toxicology; ...4.0616

EFFECT OF RUELENE (REG. TRADEMARK) ON EMBRYONIC DEVELOPMENT ...Bos; Chemical Analysis; Domestic Animals; Experimental Teratology; Pesticide Residues; Ruelene; ...4.0644

ORGANIC PHOSPHATE SYSTEMIC INSECTICIDES AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Bos; Coumaphos; Domestic Animals; Pesticide Action on Animals; Ruelene; ...4.0751

CO-RAL, RUELINE AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Bos; Coumaphos; Domestic Animals; Ruelene; ...4.0783

THE EVALUATION OF CARBAMATE-INDUCED ANTICHOLINESTERASE EFFECTS IN THE FETUS ...Carbamates -nonspecific; Carbamates -see Pesticides; Environmental Effects - Human; Laboratory Animals; Mammals -nonspecific; Pesticide Action on Animals; Toxicology; ...4.0784

PRENATAL AND NEONATAL EFFECTS OF PARAQUAT ...Laboratory Animals; Muridae; Paraquat; Pesticide Action on Animals; Toxicology; ...4.0787

NORMAL AND MODIFIED PLACENTAL TRANSFER AND TISSUE DISTRIBUTION OF ENVIRONMENTAL AGENTS ...Dieldrin; Diquat; Environmental Effects - Human; Laboratory Animals; Mammals -nonspecific; Paraquat; Pesticide Action on Animals; ...4.0788

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON HI VIRAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Cricetus; Environmental Effects - Human; Laboratory Animals; Mercury; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0791

GENERAL TESTING OF ENVIRONMENTAL CHEMICALS FOR EFFECTS ON GROWTH AND DEVELOPMENT ...Animal Pharmacology; Environmental Effects - Human; Fungicides -nonspecific; Herbicides -nonspecific; Laboratory Animals; Mammals - nonspecific; Toxicology; ...4.0796

CHARACTERIZATION OF CYTOLOGICAL RESPONSES TO TOXICATIONS OF PESTICIDES IN LIVESTOCK ...Antihelminth; Birds; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0873

NUTRITIONAL INTERACTION BETWEEN UREA AND APPLE POMACE RELATED TO REPRODUCTIVE FAILURE ...Bos; Domestic Animals; Pesticide in Food Chains; Pesticide Residues in Feeds; Pesticides -nonspecific; ...4.0991

RADIATION INDUCED CHANGES IN NEONATAL NERVOUS SYSTEM ...Cell Injury and Autolysis; Cellular Biosynthesis; Metabolism & Metab. Diseases; Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0097

CELLULAR AND SUBCELLULAR BIOPHYSICS--HEMATOPOIETIC STUDIES ...Radiation Effects - Biological; ...5.0115

ELECTROPHYSIOLOGICAL AND BIOCHEMICAL STUDIES OF THE EFFECTS OF RADIATION ON BRAIN ACTIVITY AND DEVELOPMENT ...Bioelectric Phenomena; Muridae; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0120

LYMPHOCYTE SIZE AND DENSITY DISTRIBUTIONS ...Muridae; Radiation, Low Level; Surface Active-other; ...5.0151

EFFECTS OF WHOLE BODY GAMMA-RADIATION ON THE RESPIRATORY CHAIN OF MITOCHONDRIA AND THE ANAEROBIC GLYCOLYSIS OF NEW BORN CNS ...Adenosine Diphosphate; Adenosine Triphosphate; Muridae; Radiation Sensitivity -man; Radiation, Low Level; Radiation, Whole Body; X and Gamma Rays; ...5.0200

BLOOD FORMATION IN THE EMBRYO (NEWBORN) OPOSSUM ...Didelphidae; Digestive System - Human; Immunology; Radiation, Whole Body; ...5.0206

EFFECTS OF IRRADIATION ON THE IMMATURE MOUSE ...Aging; Muridae; Radiation Effects - Biological; Radiation Sensitivity -man; ...5.0210

TOXICITY OF RADIOSTRONTIUM IN DOGS ...Canidae; Radiation Carcinogenesis; Radiation Effects - Biological; Strontium; Tumor Pathology; ...5.0274

PHASE I. FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS: RADIATION EFFECTS ON REPRODUCTION AND EMBRYOGENESIS ...Cellular Viability; Embryonic Growth Stages; Muridae; Radiation Effects - Biological; Strontium; ...5.0480

EFFECTS OF PRENATAL AND EARLY POSTNATAL IRRADIATION ...Aviation Medicine; Muridae; Radiation Effects - Biological; Radiation, Whole Body; ...5.0571

PROBLEMS IN RADIATION EMBRYOLOGY ...Muridae; Vertebrates Excl. Man; X and Gamma Rays; ...5.0586

EFFECTS OF RADIATION ON REPRODUCTIVE PHYSIOLOGY IN FARM ANIMALS ...Muridae; Ovis; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0619

EFFECTS OF RADIATION ON LARGE ANIMALS - SOMATIC ...Dose Rate, Dose Fractionation; Muridae; Ovis; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0620

LATE EFFECTS OF LOW DOSE RATE GAMMA RAYS DURING THE PRENATAL PERIOD ...Aging; Experimental Teratology; Mammals -nonspecific; Radiation Carcinogenesis; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0655

EFFECTS OF PRENATAL IRRADIATION ON GROWTH ...Muridae; Vertebrates Excl. Man; ...5.0669

THE EFFECT OF RADIATION ON PRENATAL DEVELOPMENT ...Cobalt; Experimental Teratology; Muridae; Ovis; Sus; X and Gamma Rays; ...5.0676

DELAYED SENSORY EFFECTS OF PRENATAL IRRADIATION ...Auditory Physiology; Learning and Retention; Psychology; Radiation, Low Level; Sensory & Perceptual Processes; X and Gamma Rays; ...5.0681

FACTORS INFLUENCING LD50, LD100 AND PRENATAL RADIATION INJURY ...Injury and Shock; Muridae; Radiation, Whole Body; ...5.0690

METABOLISM AND EFFECTS OF RADIONUCLIDES IN FETUS AND YOUNG ...Cerium; Muridae; Plutonium; Radiation Injury Prevention; Zinc; ...5.0744

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Commelinaceae; Dosimetry; Ionizing Radiation - see Rad.; Muridae; Plasmas; Radiation; Radiation Sources - general; X and Gamma Rays; ...5.0870

Mammalian Embryology

ENVIRONMENTAL TOXICANTS AND PERINATAL DEVELOPMENT ...Air Pollution -see Specifics; Toxic Substances; ...1.0206

RADIATION DAMAGE - METABOLISM IN REPRODUCTIVE SYSTEM ...Cellular Biosynthesis; Cellular Repair Mechanisms; Experimental Teratology; Muridae; Radiation Sensitivity -man; ...5.0329

Vertebrate Developmental Bio.

Developmental Physiology

EFFECTS OF ELEVATED TEMPERATURE ON SPAWNING AND DEVELOPMENT OF FISHES ...Animal Productivity; Embryology -basic; Photoperiod; Salinity (water); Sparidae; Temperature (water); ...2.1698

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Chemical Analysis; Gallus Domesticus; Laboratory Animals; Mammals -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0348

EFFECT JU PHENOBARBITAL SUR LE METABOLISME DU DDT CHEZ LE RAT ...DDT; Laboratory Animals; Muridae; Pesticide Action on Animals; Toxicology; ...4.0572

INSECTICIDE METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Birds; Insect Chemosterilants -ns.; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues in Feeds; ...4.0607

EFFECT OF MALATHION AND SEVIN ON REPRODUCTIVE PERFORMANCE OF THE HEN ...Birds; Gallus Domesticus; Malathion; Pesticide Formulation; Pesticide Residues in Feeds; Sevin; ...4.0640

FISH REPRODUCTION AS AFFECTED BY ORGANOCHLORINE INSECTICIDES ...Captive Rearing; Chlordan; Dieldrin; Laboratory Animals; Methoxychlor; Pesticide Residues; ...4.0722

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bioassay; Carbon; Genetic Resistance; Hydrogen; Organophosphorous Cpds.; Pesticide Action on Plants; Pyrethrum; ...4.0999

EFFECTS OF RADIATION AND OTHER FACTORS ON THE DEVELOPING FORM AND FUNCTION OF THE NERVOUS SYSTEM ...Experimental Teratology; Injury and Shock; Mammals -nonspecific; Radiation Effects - Biological; ...5.0403

Embryology -basic

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology - Animal; Environmental Physiology; Fish Food Supply -other; Micropterus Salmoides; Temperature (water); Water Pollution Effects; Water Quality -general; ...2.1649

EFFECTS OF ELEVATED TEMPERATURE ON SPAWNING AND DEVELOPMENT OF FISHES ...Animal Productivity; Photoperiod; Salinity (water); Sparidae; Temperature (water); ...2.1698

BIOLOGY OF ANADROMOUS ALOSIDS ...Aging; Contamination - Water; Fish & Shellfish Biology; Marine Animals; Spawn Or Nesting Sites; Virginia; ...2.1748

EFFECT OF ENDRIN ON EGG-SPERM FORMATION AND EMBRYONIC DEVELOPMENT ...Carassius Auratus; Esdrus; Ictalurus Punctatus; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Water Pollution Effects; ...4.0831

CONTROLLED GROWTH AND METABOLISM OF AVIAN CELLS ...Birds; Gallus Domesticus; Malaoxon; Malathion; Paraoxon; Parathion; Pesticide Action on Animals; ...4.0858

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Aldrin; Dieldrin; Ictaluridae; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...4.0887

EFFECTS OF IRRADIATION, TEMPERATURE AND OTHER ENVIRONMENTAL FACTORS ON SALMONID EMBRYOS ...Optical Properties of Water; Radiation Effects - Biological; Temperature (water); X and Gamma Rays; ...5.0763

Energy Budgets

ECOLOGICAL METEOROLOGY STUDIES: A PINE PLANTATION ...Air Pollution -see Specifics; Forest Environment -general; Pinus Taeda; Temperature - Air; Wind -see Air Motion; ...1.0432

NATIONAL ENERGY NEEDS AND ENVIRONMENTAL QUALITY ...Air Pollution -see Specifics; Disaster; Extractive Natural Resources; ...1.0448

PLANKTON COMMUNITY ECOLOGY IN NORTHERN CALIFORNIA LAKES ...Benthic Organisms -nonspecific; Forest Watersheds; Lower Plants; Nutrients; Plant Population Dynamics -gen; Water Bacteria; Zooplankton; ...2.0033

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Evapotranspiration; Lakes; Management (water); Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Urban Environment; Water Balance - Budget; ...2.0108

DEGRADATION OF RIPARIAN LEAVES AND THE RECYCLING OF RELEASED NUTRIENTS IN A STREAM ECOSYSTEM ...Chemical Water Properties; Degradation -see Pesticide Deg; Ecological Effects; Forest Debris; Nutrients; Organic Matter; Physical Water Properties; ...2.0162

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Forest Environment -general; Forest Watersheds; Management (water); Pest; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

STUDIES ON EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Chemical Water Properties; Forest Cutting Operations; Forest Watersheds; Optical Properties of Water; Periphyton; Primary Productivity - Plants; Suspension; ...2.0321

EUTROPHICATION - EFFECT OF WEED HARVESTING ...Aquatic Plants -nonspecific; Cultural Control; Eutrophication; Nutrients; Water Quality Control -general; ...2.0338

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity -general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis

(water); Citrus; Drainage; Drainage Engineering; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Acid Mine Drainage; Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Lakes; Mining Industry; Physical Water Properties; Waste Water Treatment -general; ...2.1551

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Animal Productivity; Benthic Fauna; Diatoms (see Also Algae); Fish; Marine Plants; New England Province; Oxygen Content (water); Sewage; ...2.1586

RECOVERY FROM ACID POLLUTION IN FOUR STRIP-MINE LAKES ...Acid Mine Drainage; Animal Productivity; Biological Water Properties; Lake Stages; Physical Water Properties; Primary Productivity - Plants; Strip Mines; ...2.1617

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution - see Specifics; Computer Methods -general; Metabolism and Biochemistry; Plant Competition; Plant Physiological Ecology; Plant Response to Env. -ns; Temperature - Internal; Water Utilization -plant; ...2.1629

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Estuaries; Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

SUBLETHAL INFLUENCE OF POLLUTANTS ON FISH METABOLISM ...Animal Habitat Studies; Aquatic Ecology - Animal; Fresh Water; Population Dynamics -general; ...2.1673

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS ...Animal Predation; Aquatic Ecology - Animal; Contamination - Water; Industrial Wastes; Petroleum Industry; Population Dynamics -general; Water Pollutant Identification; ...2.1674

CONTROLLING THERMAL POLLUTION IN SMALL STREAMS ...Flow Characteristics (water); Induced Temperature; Lumbering -general; Model Studies; Pulp and Paper Wastes; Temperature (water); Thermal Pollution; ...2.1677

ECOLOGICAL STUDIES OF AN EXPERIMENTAL STREAM ...Animal Habitat Studies; Environmental Ecology; Plant Freshwater Ecology; Pollution Effects -see Water; ...2.1686

AN EXPANDED PROGRAM OF RESEARCH IN FRESHWATER ECOLOGY ...Animal Habitat Studies; Aquatic Ecology - Animal; Environment Resistance-animals; Fresh Water; Pollution Effects - see Water; Water Pollution Sources; ...2.1689

STUDIES ON THE ECOLOGICAL PHYSIOLOGY OF MIDWATER CRUSTACEANS ...Carbon; Crustacea; Invertebrate Physiology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Vertical Distribution; ...4.0570

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Cesium; Contamination - Water; Cyprinidae; Plant Ecology -nonspecific; Radioactive Fallout; Reactor Sites & Rad Waste; Strontium; ...5.0038

SYSTEMS ECOLOGY ...Animal Predation; Computer Methods - general; Environmental Ecology; Plant Ecology -nonspecific; Plant Productivity -general; Radioactive Pollution -ns; Reactor Sites & Rad Waste; Systems Analysis; ...5.0074

ECOLOGICAL AND RADIO-ECOLOGICAL INVESTIGATIONS AT THE AEC SAVANNAH RIVER PLANT ...Amphibians; Animal Migration; Aquatic Ecology - Animal; Mammals -nonspecific; Radiation Effects - Biological; Reptiles; ...5.0260

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Plant Competition; Plant Productivity -general; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

RADIOACTIVE TRACER STUDIES OF SOIL AND LITTER ARTHROPOD FOOD CHAINS ...Animal Productivity; Arthropods; Pesticide in Food Chains; Radioactive Contamination; ...5.0816

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels, Altitude; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.6041

Energy Conversion

AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Combustion; Fuels; Mass Spectroscopy; Photochemical Reactions; Wall Effects; ...1.0009

LIDAR OBSERVATIONS OF LOWER TROPOSPHERIC AEROSOL DISTRIBUTIONS DURING BOMEX ...Aerosols; Atmospheric Dynamics; Condensation Physics; Electronic Detection, Tracking, Heat and Radiation Transfer; Inversion; Particulates - Air Pollution; ...1.0011

METEOROLOGY FOR URBAN AIR POLLUTION RESEARCH ...Air Pollution Effects; Atmospheric Dynamics; Diffusion; Particulates - Air Pollution; Urban Research -general; Weather Radar; ...1.0026

METEOROLOGY FOR NUCLEAR REACTORS ...Atmospheric Dynamics; Automatic Weather Stations; Fluid Mechanics; Ohio; Radioactivity; Urban Research -general; ...1.0027

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Coal Research; Heating Units; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers; Wind Tunnels; ...1.0031

ENERGY, AIR QUALITY, AND THE SYSTEMS APPROACH ...Air Pollution; Benefit-cost Analysis; Generators; Mathematical Models; Particulates - Air Pollution; ...1.0034

CONTINENTAL AEROSOLS IN THE MARINE ATMOSPHERE ...Aerosols; Atmospheric Dynamics; British West Indies; Cape Verde Islands; Particulates - Air Pollution; Tracers; ...1.0041

RESEARCH INITIATION - DISPERSION OF POLLUTANTS FROM TALL CHIMNEYS ...Air Pollution-chemistry; Combustion; Diffusion; Furnace and Incinerator Design; ...1.0053

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Chemical Composition; Core Analysis; Glaciology; Ion Exchange; Particulates - Air Pollution; Technology - Social Impact; ...1.0073

ELECTRIFICATION OF DUST STORMS ...Atmosphere Disturbance; Charge on Droplets; Particulates - Air Pollution; Temperature; Wind; ...1.0081

TRANSVERSE JET PLUMES ...Air Motion Meters; Sampling; Tracers; Wind Tunnels; ...1.0087

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Air Pollution Sampling; Atmospheric Dynamics; Gases; Mathematical Analysis; Particulates - Air Pollution; Smoke; Turbulence; ...1.0091

DATA ANALYSIS OF LAPPES ...Atmospheric Dynamics; Climatology; Gases; Power Plants; ...1.0104

PILOT PLANT COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Air Pollution-chemistry; Combustion; Furnaces and Incinerators; Lignite; Pilot Plants; ...1.0116

COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Air Pollution-chemistry; Boilers; Coal Research; Combustion; Lignite; Pilot Plants; Power Plants -see Specifics; ...1.0117

NUMERICAL STUDIES OF TURBULENT FLOW ...Atmospheric Dynamics; Meteorologic Instruments -gen.; Model Studies; Particulates - Air Pollution; Radioactive Isotopes; Radioactivity; Wind; ...1.0144

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

ATMOSPHERIC DIFFUSION, DEPOSITION, AND TRANSPORT PHENOMENA ...Atmospheric Dynamics; Particulates - Air Pollution; Radioactivity; Turbulence; ...1.0159

INFRARED SPECTROSCOPIC ANALYSIS OF TRACE POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Combustion; Fluidized Bed Reactor; Infrared Spectroscopy; Power Plants; Trace Analysis; ...1.0165

INADVERTENT MODIFICATION ...Automatic Weather Stations; Heat Balance - Budget; Particulates - Air Pollution; Weather Modification; ...1.0329

METEOROLOGICAL CONSEQUENCES OF THERMAL POLLUTION ...Atomic Plants; Lake Michigan; Solar Radiation -sunshine; Temperature; ...1.0344

AIR POLLUTION ...Absorption - Chemistry; Air Pollution; Air Pollution-chemistry; Fibers; Gases; Home Economics; Sulfur Dioxide; ...1.0372

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Aerosols; Air Pollution Effects; Atmospheric Dynamics; Energy-radiation; Heat Balance - Budget; Parametric Statistics; Tectonics; Visibility; ...1.0409

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Inorganic Gases; Mathematical Models; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0433

INTERDISCIPLINARY RESEARCH PROGRAM IN CLIMATOLOGY ...Climatography; Model Studies; Paleoclimatology; Particulates - Air Pollution; Physical Climatology; Weather Modification; ...1.0434

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Benefit-cost Analysis; Government - see Federal Gov.; Legal Studies; Petroleum Industry; Regulatory & Legal; Social Aspects; Water Resources Protection; ...1.0481

BASIC STUDY OF AIR POLLUTION WET-SCRUBBERS ...Absorption - Chemistry; Chemical Mechanisms & Kinetics; Foam; Particulate Matter - Air Poll.; Washing; ...1.0538

RESEARCH INITIATION - APPLICATION OF HIGH VOLTAGE ELECTRIC FIELDS TO THE REMOVAL OF SO2 AND NO2 FROM COMBUSTION EFFLUENT ...Combustion; Electric Field; Humidity; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0549

A MODEL FOR AIR POLLUTION CONTROL ...Air Pollution; Air Pollution-chemistry; Economic Theory; Gases; Mathematical Models; Model Studies; Particulates - Air Pollution; Weather Data; ...1.0551

RESEARCH INITIATION - RATES OF SORPTION OF MOLECULAR SIEVES IN MULTICOMPONENT SORBATE SYSTEMS ...Adsorption; Catalysts; Combustion; Gas Chromatography; Sulfur Dioxide Removal; ...1.0567

FILTRATION OF AEROSOLS BY GRANULAR BEDS ...Additives; Air Cleaning Devices; Combustion; Furnace and Incinerator Design; ...1.0595

EVALUATION OF METAL OXIDES AS SORBENTS FOR SO2 IN POWER PLANT GASES ...Adsorption; Fluidized Bed Reactor; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0622

THE DUST LAYER AND PRECIPITATOR EFFICIENCY ...Dust; Electrical Phenomena; Electrostatic; Electrostatic Precipitators; Particulates - Air Pollution; ...1.0627

CHARACTERISTICS AND REMOVAL OF PYRITE FROM AMERICAN COALS ...Air Pollution-chemistry; Desulfurization; Heating Systems; Separation; Washing; ...1.0631

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Petroleum Research; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0632

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GAS--PART C ...Adsorption; Catalysts; Mass Spectroscopy; Spectrographic Techniques; Waste Material Recovery; ...1.0635

SORPTION OF GASEOUS POLLUTANTS BY CYCLED OPERATION ...Absorption - Chemistry; Adsorption; Air Pollution-chemistry; Combustion; Scrubbers; Solvent; Sulfur Dioxide Removal; ...1.0637

REMOVAL OF PYRITE FROM COAL BY DRY METHODS ...Air Pollution-chemistry; Combustion; Desulfurization; Electrostatic; Magnetic; ...1.0658

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Combustion; Furnace and Incinerator Design; Packed Bed Reactor; Process Waste Recovery; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0661

STACK GAS SULFUR REMOVAL PROCESSES ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Combustion; Waste Material Recovery; ...1.0662

FEASIBILITY STUDIES TO DETERMINE THE USE OF VARIOUS MATERIALS AS STANDARD REFERENCES FOR AIR POLLUTION MEASUREMENTS ...Air Pollution Monitoring; Inorganic Gases; Oxidants; Particulates - Air Pollution; ...1.0692

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution Control Systems; Air Pollution-chemistry; Chemical Analysis - general; Combustion; Engines; Inorganic Gases; Radiometric Analysis; ...1.0721

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Analysis; Air Pollution Monitoring; Combustion; Combustion Air Pollution-gen; Heat Balance - Budget; Power Plants; Urban Research -general; ...1.0735

EVALUATION OF ELECTROCHEMICAL SENSORS FOR SOURCE CONCENTRATIONS OF SO2 AND NOX ...Air Pollution-chemistry; Combustion; Electroanalyses; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0808

DETERMINE TIME-CONCENTRATION-FREQUENCY RELATIONSHIPS IN AQCR'S FOR SOX, PARTICULATES, NO, HC, CO AND OXIDANTS ...Atmospheric Dynamics; Chemical Analysis -general; Gases; Nitrogen and Nitrogen Cpds.; Oxidants; Particulates - Air Pollution; Sulfur Dioxide Removal; ...1.0813

DEVELOPMENT OF A MULTICOMPONENT DEVICE FOR 24-HOUR CUMULATIVE MEASUREMENTS OF SO2 AND NOX ...Detectors and Sensors; Electroanalyses; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0838

POLLUTANTS IN CHIMNEY STACK PLUMES ...Air Pollution - see Specifics; Air Pollution-chemistry; Combustion; Infrared Spectroscopy; Particulate Matter - Air Poll.; Radiation Detectors; ...1.0846

DETECTION OF SMALL AMOUNTS OF SO2 IN ATMOSPHERE ...Air Pollution Analysis; Attenuation; Gases; Reflection; Ultra - Violet Radiation; ...1.0852

TRACER STUDIES IN AIR POLLUTION - SULFUR DIOXIDE ...Aerosols; Catalysis, Heterogeneous; Isotope Tracer -see Tracers; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0875

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Acidity (water); Arkansas; Biological Water Properties; Chemical Water Properties; Plankton; Reactor Sites & Rad Waste; Thermal Pollution; ...2.0023

DISPERSION OF HEAT IN STRATIFIED FLOW ...Dispersion (water); Electric Power Plants; Estuaries; Fluid Mechanics; Heat Flow (water); Thermal Pollution; ...2.0042

DISPERSION AND HEAT DECAY OF THERMAL DISCHARGES ...Electric Power Plants; Forecasting - Prediction; Illinois; Illinois River; Model Studies; Temperature; Thermal Pollution; ...2.0129

MODELING AND OPTIMIZATION OF THERMAL POLLUTION CONTROL SYSTEMS ...Computer Models; Electric Power Plants; Forecasting - Prediction; Mathematical Models; Thermal Pollution; ...2.0157

INVESTIGATION OF PRESENT THERMAL REGIME OF MISSOURI RIVER IN MISSOURI ...Aircraft; Remote Sensing; Depth (water); Infrared Radiation; Missouri River; Thermal Pollution; Water Temperature Recorders; ...2.0227

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects -see Water; Water Pollution Sources; Zinc; ...2.0280

USE OF REACTOR COOLING WATER FROM NUCLEAR POWER PLANTS FOR IRRIGATION OF AGRICULTURAL CROPS ...Atomic Plants, High Temp. - 85f Or Above; Photosynthesis; Respiration; Soil Moisture; Thermal Pollution; ...2.0318

REACTOR COOLING WATER FOR AGRO-INDUSTRIAL DEVELOPMENT THROUGH SOIL WARMING ...Agricultural Studies -general; Atomic Plants; Mathematical Models; Soil Moisture; Temperature Regulation; ...2.0319

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

POWER PRODUCTION ...Atomic Plants; Chemical Effects; Density; Effluents - Waste Water; Mathematical Models; Reservoirs and Impoundments; Thermal Pollution; ...2.0337

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Heat Recovery, Industrial; Nuclear Power; Plant Freshwater Ecology; Public Utilities; Social Aspects; Thermal Pollution; ...2.0352

ABSTRACT PREPARATION FOR THE WATER RESOURCES SCIENTIFIC INFORMATION CENTER ...Abstracts; Archives; Information Science; Thermal Pollution; Water Utilization - general; ...2.0370

STATUS OF THERMAL POLLUTION AND RESEARCH NEEDS ...Bibliography; Chemical Water Properties; Hydraulics; Thermal Pollution; Water Quality Control -general; ...2.0371

SEPARATION OF SOLAR AND HEATED DISCHARGE EFFECTS ...Computer Models; Dyes; Rocks - Bedrock; Solar Radiation -sunshine; Thermal Pollution; Turbidity (water); Water Pollutants - Path of; ...2.0372

RADIOECOLOGY OF THE KUCUK CEKMECE LAGOON ...Aquatic Ecology - Animal; Biological Effects; Contamination - Water; Lagoons; Radioactive Isotopes; Sediments; Water Pollutants - Path of; ...2.0392

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution, Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Atomic Plants; Columbia River; Fish; Periphyton; Phosphorus and Phosphorus Cpds; Water Pollution Sources; Zinc; ...2.0420

INTEGRATED URBAN UTILITY SYSTEMS ...Public Utilities; Technology - Social Impact; Urban Research; Water Supply - general; ...2.0428

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ...Aircraft Remote Sensing; Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Infrared Radiation; Mapping; Survey Studies (water); Temperature (water); Thermal Pollution; ...2.0524

ANALYSIS OF IMPURITIES AND THEIR REMOVAL FROM REACTOR COOLING WATER ...Atomic Plants; Hungary; Radioisotopes; Water Pollution Sources; ...2.0568

SPECIAL TEMPERATURE SURVEY OF RIVER AND ESTUARINE AREAS IN RELATION TO THERMAL POLLUTION AND FISHERY PROBLEMS ...Cooperative Studies; Estuaries; Infrared Radiation; Temperature (water); Thermal Pollution; ...2.0673

INVESTIGATION OF THE THERMAL PATTERNS IN THE VICINITY OF THE CRYSTAL RIVER ...Aerial Photography -see Photo.; Atomic Plants; Forecasting - Prediction; Infrared Radiation; Thermal Pollution; ...2.0685

MONITORING WATER EFFLUENTS FROM A NUCLEAR POWER PLANT ...Atomic Plants; Effluents - Waste Water; New York; Water Pollutants - Path of; ...2.0697

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution, Delaware River; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

SENSITIVITY OF BENTHIC MICROFLORA TO POLLUTION GRADIENTS ...Atomic Plants; Carbon; Marine Plants; Rhode Island; Water Pollutant Identification; Water Standards & Baselines; ...2.0773

RADIONUCLIDES IN SAVANNAH RIVER ESTUARY AND COASTAL WATERS ...Atlantic Ocean; Circulation (water); Estuaries; Marine Geology; Radioactivity; South Carolina; Water Pollution Sources; ...2.0792

FEASIBILITY STUDY OF WATER RESOURCE POLLUTANT IDENTIFICATION BY DIGITAL COMPUTER ANALYSIS OF REMOTE INFRARED SENSOR SPECTRAL INTENSITIES ...Aircraft Remote Sensing; Industrial Wastes; Instrument Services; Man Machine Systems; Optical Detectors; Radiation Detectors; Thermal Pollution; ...2.0793

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Aquatic Ecology - Animal; Contamination - Water; Ecological Effects; Fish; Pollution Effects -see Water; Reactor Sites & Rad Waste; Survey Studies (water); Thermal Pollution; ...2.0800

TEMPERATURE DISTRIBUTIONS RESULTING FROM COOLING WATER DISCHARGES ...Development of Models; Mathematical Models; Power Reservoirs; Streams; Thermal Pollution; ...2.0805

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Flume Studies; Model Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

A PRE-IMPOUNDMENT ECOLOGICAL STUDY OF THE BOTTOM FAUNA AND WATER QUALITY IN THE NORTH ANNA RIVER ...Atomic Plants; Chemical Analysis (water); Contamination - Water; Environmental Ecology; Management (water); Thermal Pollution; Water Standards & Baselines; ...2.0834

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Columbia River; Electric Power Plants; Fishing; Heat Flow (water); Nitrogen and Nitrogen Cpds.; Recreation, Water Resources; Types of Resources; Water Storage; ...2.0841

APPLICATION OF REMOTE SENSING TO SURFACE PARAMETERS OF LARGE WATER BODIES ...Aircraft Remote Sensing; Circulation (water); Microwave Radiation; Petroleum Wastes - Spillage; Thermal Pollution; ...2.0864

BRACKISH WATER PURIFICATION BY BIOLOGICAL FUEL CELL POWERED ELECTRODIALYSIS ...Brackish Water; Desalination; Effluents - Waste Water; Electrodialysis; Microorganisms -nonspecific; Salt Water; Water Costs; ...2.0917

LAKE CURRENTS AND DIFFUSION PROCESSES ...Canada; Dispersion (water); Fluid Mechanics; Petroleum Wastes - Spillage; Water Pollutants - Path of; ...2.0975

DISSIPATION AND DIFFUSION OF HEAT IN STREAMS AND LAKES ...Fluid Mechanics; Heat Flow (water); Lakes; Thermal Pollution; ...2.0993

COOLING TOWER STUDY ...Cooling Towers; Fog, Haze, Mist; Legislation - Zoning, Oxidation; Thermal Pollution; Weather Modification; ...2.1002

RESEARCH INITIATION - MIXING AND TRANSFER PROCESSES FOR HEATED EFFLUENTS IN OPEN CHANNEL FLOW ...Channels; Flow Characteristics (water); Flume Studies; Heat Flow (water); Physical Models; Thermal Pollution; ...2.1019

NATURAL MIXING AND TRANSFER PROCESSES FOR THERMAL LOADS IN STREAMS ...Channels; Flume Studies; Forecasting - Prediction, Thermal Pollution; ...2.1020

DISPOSAL OF HEATED WATER THROUGH GROUND WATER SYSTEMS ...Economic Studies -general; Groundwater; Mathematical Models; Physical Models; Thermal Pollution; Water Wells; ...2.1025

ANALYSIS OF THERMAL POLLUTION DISPERSION ...Aeration (water); Effluents - Waste Water; Model Studies; Stratification (water); Water Pollution Effects; ...2.1055

RESEARCH ON PHYSICAL ASPECTS OF THERMAL POLLUTION ...Fluid Mechanics; Forecasting - Prediction; Lakes; Mathematical Models; Stratification (water); Thermal Pollution; Thermocline; ...2.1063

STUDY OF WATER CURRENTS AND MOVEMENTS IN LAKE ERIE ...Lake Erie; Ocean Circulation -general; Ocean Hydrodynamics; Stratification (water); Thermal Pollution; Water Pollution Abatement; ...2.1076

RESEARCH INITIATION - THERMAL DISCHARGES ...Lakes; Physical Models; Thermal Pollution; ...2.1077

TEMPERATURE DISTRIBUTION IN THE VICINITY OF WASTE HEAT DISCHARGES ...Electric Power Plants; Forecasting - Prediction; High Temp. - 85f Or Above; Mathematical Models; Stratification (water); Thermal Pollution; ...2.1096

TRANSIENT FLOW MODEL FOR BETTER WATER QUALITY CONTROL, KENTUCKY RESERVOIR ...Canals; Electric Power Plants; Forecasting - Prediction; Mathematical Models; Reservoirs and Impoundments; Water Quality Control -general; ...2.1097

TURBULENT MIXING IN SUBMERGED TWO-DIMENSIONAL WALL JETS ...Fluid Mechanics; Forecasting - Prediction; Mineralization; Thermal Pollution; ...2.1098

NATIONAL SYMPOSIUM ON THERMAL POLLUTION ...Electric Power Plants; Management (water); Meetings; Thermal Pollution; ...2.1100

DISCHARGE OF NEGATIVELY BUOYANT FLUIDS ...Data Networks; Density; Fluid Mechanics; Mathematical Models; Stratification (water); ...2.1101

EFFECT OF GEOGRAPHICAL LOCATION ON COOLING POND REQUIREMENTS AND FERFORMANCE ...Electric Power Plants; Handbooks; Ponds; Thermal Pollution; Water Pollution Abatement; ...2.1103

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency, Flow Characteristics (water); Industrial Wastes; Model Studies; North Carolina; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Protection; ...2.1104

FEASIBILITY OF THE USE OF LOCAL SOILS AS ION EXCHANGE MATERIALS FOR DISPOSAL OF LIQUID RADIOACTIVE WASTE INTO THE GROUND ...Burial; Ion Exchange; United Arab Republic, Waste Disposal, Underground; Water Pollution Sources; ...2.1110

CONTROLLING THE LOCATION AND DISPERSION OF A THERMAL POLLUTING EFFLUENT ...Dispersion (water); Dyes; Model Studies; Thermal Pollution; ...2.1125

MODELING OF VENTED HYDROTURBINE REAERATION ...Aeration (water); Fluid Mechanics; Mathematical Models; Pumps; Reservoirs and Impoundments; Turbines; ...2.1134

HEAT AND MOISTURE CONDUCTION IN UNSATURATED SOILS ...Atomic Plants; Mathematical Models; Saturated - Unsaturated Soils; Soil Thermal Properties; Thermal Pollution; ...2.1160

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Geochemical Analysis (water); Idaho; Quaternary Period; Structural Analysis - Geology; Tertiary Period; Water Cycle; Water Pollution Sources; Water Storage; ...2.1240

PROCESS CONTROL MODEL FOR OXYGEN REGENERATION OF POLLUTED RIVERS ...Aeration (water); Benefit-cost Analysis; Information Control Theory; Mathematical Analysis; Model Studies; Systems Analysis - Water Mgmt; ...2.1335

WASTE WATER PURIFICATION ...Activated Sludge; Adsorption; Combustion; Dewatering; Sedimentation; Surfactants -see Detergents; ...2.1390

REDUCTION OF RADIOISOTOPES IN HANFORD REACTOR EFFLUENTS ...Atomic Plants; Effluents - Waste Water; Nuclear Power; Nuclear Reactors; Radioactive Isotopes; Water Pollution Sources; ...2.1445

DEFINITION OF THE MIXING ZONE FOR WASTE EFFLUENT DISCHARGED INTO SURFACE WATERS ...Aerial Photography -see Photo.; Dispersion (water); Effluents - Waste Water; Model Studies; Physical Models; Water Pollutants - Path of; ...2.1460

THERMAL AND CONVENTIONAL RIVER POLLUTION ...Atomic Plants; Chemical Water Properties; Effluents - Waste Water; Legislation - Zoning; Tennessee River; Water Quality Control -general; ...2.1472

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bullheads; Ecological Effects; Environmental Physiology; Marine Animals; Osteichthyes -other; Population Dynamics -general; Temperature Stress; ...2.1498

RESEARCH AND BASIC DATA ON THERMAL POLLUTION ...Climatology; Fluid Mechanics; Heat Balance - Budget; Temperature; Weather Data; ...2.1506

WATER TEMPERATURE AS A QUALITY FACTOR IN THE USE OF STREAMS AND RESERVOIRS ...Animal Habitat Studies; Dispersion (water); Meteorological Studies; Temperature (water); Thermal Pollution; Water Pollution Sources; ...2.1514

BEHAVIOR PATTERN OF SHAD IN THE VICINITY OF A HEATED EFFLUENT DURING A NO-HEAT PERIOD ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Electric Power Plants; Tags; Temperature (water); ...2.1515

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Induced Temperature; Marine Plants; Population Dynamics -general; Thermal Pollution; ...2.1532

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

GREAT LAKES ECOLOGY STUDY ...Aquatic Ecology - Animal; Chemical Analysis (water); Ecological Effects; Environmental Ecology; Lakes; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1546

LAKE MICHIGAN THERMAL STUDIES ...Atomic Plants; Dispersion (water); Forecasting - Prediction; Physical Models; Water Temperature Recorders; ...2.1547

MICROBIOLOGY OF THERMALLY POLLUTED ENVIRONMENTS ...Acidity (water); Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Hyperthermal; Radioisotopes -nonspecific; Thermophilic Bacteria; Water Pollutant Identification; ...2.1550

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Fish; Induced Temperature; Oxygen Content (water); Plankton; Temperature (water); Turbidity (water); Turbines; ...2.1552

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Biochemical Analysis - Tissues; Ecological Effects; Environmental Physiology; Pollution Effects - see Water; Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1553

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Atomic Plants; Embryology -basic; Estuaries; Invertebrate Physiology; Marine Animals; Population Dynamics -general; Temperature (water); ...2.1567

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Benthic Fauna; Estuaries; Fish & Shellfish Biology; Maine; Physical Water Properties; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1568

AN ECOLOGICAL STUDY OF THE PATUXENT ESTUARY ...Amphibious Plants; Electric Power Plants; Gramineae; Induced Temperature; Physiological Effects; Thermal Pollution; Zizanieae; ...2.1573

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1575

MONITORING FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ...Aquatic Ecology - Animal; Ecological Effects; Lake Michigan; Nets; Salmonidae; Thermal Pollution; ...2.1596

CONTROLLED TEMPERATURE REGIMES IN OUTDOOR EXPERIMENTAL PONDS ...Aquatic Ecology - Animal; Heat Flow (water); Minnesota; Temperature (water); ...2.1600

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST. CROIX (ABBREV) ...Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Fishing; Loss Damages - Recreation; Population Dynamics -general; Temperature (water); Water Pollution Effects; ...2.1603

ENVIRONMENTAL STUDIES ON THE MISSISSIPPI RIVER ...Ecological Effects; Effluents - Waste Water; Mathematical Models; Mississippi River; Thermal Pollution; ...2.1612

THERMAL GRADIENTS ASSOCIATED WITH DISCHARGE OF HEATED EFFLUENTS ...Electric Power Plants; Forecasting - Prediction; Thermal Pollution; ...2.1613

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Ecological Effects; Environment Resistance-animals; Heat Recovery, Industrial; Photosynthesis; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

THE FISHERY OF THOMAS HILL RESERVOIR ...Biological Effects; Electric Power Plants; Esocidae; Power Reservoirs; Stocking of Fish & Shellfish; Temperature (water); Thermal Pollution; ...2.1621

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Atomic Plants; Biological Water Properties; Chemical Water Properties; Fish; Missouri River; Temperature (water); ...2.1633

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology -

Animal; Bays; Ecological Effects; Invertebrate Physiology; Long Island Sound; Mollusca; Population Dynamics -general; Temperature (water); Zooplankton; ...2.1638

EFFECTS OF THERMAL AND OTHER FORMS OF POLLUTION ON SOME ANADROMOUS FISHES ...Aquatic Ecology - Animal; Environment Resistance-animals; Fresh Water; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Salinity (water); Thermal Pollution; ...2.1641

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER ...Aquaria; Captive Rearing; Fish Farming; Marine Animals; New York; Temperature (water); Water Utilization -animal; ...2.1653

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

ENVIRONMENTAL EFFECTS OF COASTAL ZONE POWER GENERATION ...Animal Habitat Studies; Consultants, Advisory Services; Environmental Ecology; Federal Government; North Carolina; Power Development; ...2.1664

THERMAL EFFECTS IN FLOWING STREAMS ...Currents (water); Electric Power Plants; Nutrients; Pollution Effects -see Water; Turbidity (water); ...2.1706

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants; Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

EFFECTS OF TEMPERATURE ON AQUATIC LIFE ...Animal Productivity; Channels; Fish; Model Studies; Temperature (water); ...2.1712

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

ENVIRONMENTAL QUALITY STUDY PROJECT - UTILIZATION OF WASTE HEAT ...Agricultural Studies -general; Heat Recovery, Industrial; Thermal Pollution; Water Utilization -industrial; ...2.1721

ENVIRONMENTAL QUALITY STUDY PROJECT - THERMAL DISCHARGES AND EFFECTS STUDIES ...Electric Power Plants; Inlets; Outlets; Thermal Pollution; Water Resources Planning; ...2.1723

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

THERMAL STUDY IN WILKES RESERVOIR ...Aquatic Ecology - Animal; Contamination - Water; Electric Power Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1728

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology; Degradation -see Pesticide Deg; Fish; Heat Recovery, Industrial; Induced Temperature; Organic Water Properties; Phytoplankton; Primary Productivity - Plants; ...2.1736

PROBLEMS RELATED TO THE EFFECTS OF HEATED DISCHARGES FROM THERMAL POWER PLANTS ...Administrative Organizations; Generators; Heat Recovery, Industrial; Power Plants -see Specifics; Thermal Pollution; ...2.1740

THE EFFECTS OF HEATED WASTE WATERS UPON MICROBIAL COMMUNITIES ...Algae -nonspecific; Ecological Effects; Management (water); Protozoa; ...2.1743

SIMULATION MODELING OF THERMAL EFFECTS ON SELECTED RIVER SYSTEMS ...Atomic Plants; Development of Models; Illinois River; Model Studies; River Basins; Water Pollution Effects; ...2.1754

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants; Filtration; Model Studies; Power Plants - see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

HYDRO-ENVIRONMENTAL EVALUATION OF NUCLEAR POWER PLANTS ...Atomic Plants; Electric Power Plants; Survey Studies (water); Thermal Pollution; ...2.1757

EFFECTS OF MODIFICATIONS ON THE COLUMBIA RIVER ...Animal Productivity; Benthic Fauna; Commercial Fishing; Electric Power Plants; Environmental Ecology; Salmo Gairdneri; Thermal Pollution; ...2.1758

SIMULATION MODELING OF ENVIRONMENTAL EFFECTS OF THERMAL GENERATION ...Atomic Plants; Columbia River; Electric Power Plants; Environment; Great Lakes -see Specific Lake; Model Studies; Simulation Theory; ...2.1759

FISH BEHAVIOR AND PHYSIOLOGY ...Animal Migration; Behavior -vertebrate; Engineering Structures-general; Environmental Physiology; Fish & Shellfish Biology; Motivation and Instinct; Pollution Effects -see Water; Sensory & Perceptual Processes; Thermal Pollution; ...2.1761

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ...Animal Productivity; Clams; Contamination - Water; Electric Power Plants; Environment Resistance-animals; Fish and Shellfish; Heat Recovery, Industrial; Ostreidae (oyster); Temperature (water); ...2.1762

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties -general; ...2.1763

ECOLOGICAL RESPONSES OF FISHES AND FISH-FOOD ORGANISMS TO HEATED EFFLUENT - CASE STUDY OF LAKE MONONA, WISCONSIN ...Animal Predation; Electric Power Plants; Environmental Ecology; Lepisosteidae; Temperature (water); Thermal Pollution; ...2.1780

THE AQUATIC ENVIRONMENT AND ELECTRICAL POWER GENERATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Ecological Effects; Great Lakes -see Specific Lake; Reactor Sites & Rad Waste; Temperature (water); ...2.1781

PHYSIOLOGICAL RESPONSES TO THERMAL POLLUTION ...Contamination - Water; Cyprinus Carpio; Environmental Physiology; Physiological Effects; Temperature (water); Thermal Pollution; Urine; ...2.1782

MANAGEMENT ASPECTS OF THERMAL POLLUTION CONTROL ...Biological Effects; Effluents - Waste Water; Electric Power Plants; Environmental Geology; Outlets; Thermal Pollution; ...2.1849

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Delaware River; Effluents - Waste Water; Estuaries; Industrial Wastes; Sedimentation; Waste Disposal-see Solid Waste; Water Resources Development; Water Utilization -general; ...2.1903

THE ENVIRONMENT AND TECHNOLOGICAL ASSESSMENT ...Atomic Plants; Environmental Effects - Human; Filtration; Lake Tahoe; Management (water); Rate of Mutation; ...2.1917

ANALYSIS OF ENGINEERING ALTERNATIVES FOR ENVIRONMENTAL PROTECTION FROM THERMAL DISCHARGES ...Ecological Effects; Electric Power Plants; Power Plants -see Specifics; Social Aspects; Thermal Pollution; Water Resources Planning; ...2.1927

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Generators; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization - general; ...2.1936

ENGINEERING PROPERTIES OF COMPACTED ASH FILLS ...Burning; Combustion; Construction Materials; Engineering Mechanics; Materials -properties; Soil Compaction Or Density; ...3.0179

INTEGRATED WASTE MANAGEMENT - WATER SYSTEM USING RADIOISOTOPES FOR THERMAL ENERGY ...Biological Waste Recycling; Feces; Isotope Effects; Radioisotopes; Urine; Waste Treatment - Radiation; Water Supply Facilities; ...3.0290

TREATMENT AND DISPOSAL OF CONDENSATE WASTES FROM HIGH LEVEL WASTE SOLIDIFICATION PROCESSES ...Atomic Plants; Crystallization; Distillation; Fuel; Nuclear Reactors; Temperature Effects; Waste Management -see Specific; ...3.0339

MINERALS AND SULFUR MODES IN COAL ...Coal Research; Combustion; Desulfurization; ...3.0404

PROJECT B - CONVERSION OF OIL SHALE AND SHALE OIL - PART 2 - IN SITU RETORTING OF OIL SHALE ...Oil Shale; Petroleum Research; ...3.0408

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL INFORMATION PROCESSING, STORAGE, AND RETRIEVAL. ...Applied Climatology; Chemical Water Properties; Data Reduction and Analysis; Electric Power Plants; Information Science; Information Systems; Thermal Pollution; Water Pollution Sources; ...5.0072

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americum; Atomic Plants; Environment; Krypton; Mammals - nonspecific; Radioactive Pollution -ns; River Basins; Water Pollutants - Path of; ...5.0073

CHROMATOGRAPHIC SEPARATION OF URANIUM AND PLUTONIUM FROM REPROCESSING PLANT LIQUID WASTE ...Chromatography; Detectors and Sensors; Nuclear Radiation; Photometry; Radioactive Isotopes; Safety Design - Radioisotopes; Waste Management -see Specific; ...5.0080

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Tropical Regions; ...5.0218

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

COLUMBIA RIVER STUDIES, 1970-1971 ...Atomic Plants; Columbia River; Ionizing Radiation -see Rad.; Ostreidae (oyster); Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...5.0762

NEUTRON DOSE BELOW 500 KEV IN A CRITICALITY ACCIDENT (PART OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY) (ABBREV) ...Accident; Dosimetry; Fast Neutrons; Neutron -see Radiation; Nuclear Reactors; Radioactive Hazard; ...5.0793

RADIATION SAMPLING IN ANTARCTICA ...Antarctica; Atomic Plants; Nuclear Reactors; Spectrographic Techniques; Waste Disposal; Water Pollution Sources; ...5.0810

RADIATION DOSIMETRY ...Beta Particles; Neutron -see Radiation; Radiation Sources -general; Scintillation Counting; Thermal Neutrons; X and Gamma Rays; ...5.0861

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution Effects; Environmental Hazards; Occupational Hazards; Radiation Instruments; Radioactive Isotopes; Radiologic Health; ...5.0877

RADIATION DETECTORS FOR USE IN NUCLEAR/CRITICALITY ACCIDENT DOSIMETRY ...Accident; Detectors; Dosimetry; Instrumentation; Neutron Detectors; Radioactive Hazard; Sulfur; ...5.0916

Environmental Aspects

PENNSYLVANIA POWER PLANT STUDY ...Air Pollution-chemistry; Farm Pond; Industrial Pollution -general; Lead; Pinus Strobus; Power Plants -see Specifics; Sulfur Dioxide; Wind -see Air Motion; ...1.0407

LOW POWER TURBOPROPULSION EXHAUST EMISSIONS ...Engines; Turbines; ...1.0547

DIESEL EMISSION CONTROL ...Air Cleaning Devices; Combustion; Engine; Fuels; Odor; ...1.0574

APPLICATIONS OF CRYOGENIC TECHNIQUES TO PROBLEMS IN AIR POLLUTION ...Air Pollution Monitoring; Atomic Plants; Combustion; Detectors and Sensors; Gases; Nuclear Reactor; Temperature Effects; ...1.0624

EFFECT OF TEMPERATURE ON BACTERIA ...Atomic Plants; Bacterial Population Surveys; Columbia River; Ictaluridae; Water Bacteria; ...2.0422

ECOLOGICAL AND LIMNOLOGICAL IMPACT OF THE CONSTRUCTION AND OPERATION OF PUMP-BACK STORAGE PROJECTS ...Circulation (water); Electric Power Plants; Power Reservoirs; Temperature Or Heat Budgets; Western U. S.; ...2.1509

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

RESPONSE OF NATURAL PHYTOPLANKTON POPULATIONS TO THERMAL SHOCK ...Carbon; Electric Power Plants; Induced Temperature; Phytoplankton; Primary Productivity - Plants; Thermal Pollution; ...2.1657

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies; Atomic Plants; Effluents - Waste Water; Environmental Physiology; Invertebrate Physiology; Nuclear Reactors; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1708

A MATHEMATICAL ANAYSIS OF THERMAL POLLUTION OF LAKES AND ESTUARIES ...Atomic Plants; Estuaries; Lakes; Thermal Pollution; Water Pollution Effects; ...2.1739

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Conflicts; Ecological Effects; Electric Power Plants; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...2.1755

RADIATION PATHWAYS STUDIES ...Hydrogen; Iodine; Nuclear Detonations; Radiation Injury Prevention; Radioactivity; Recovery - Production; Zinc; ...5.0061

Fossil Fuels

FLUIDIZED-BED COMBUSTION ...Boilers; Combustion; Combustion Air Pollution-gen; Fluidized Bed Reactor; Furnaces; Heat Transmission; ...1.0660

Energy Storage -general

CHEMICAL COMPOSITION OF POLLUTED AIR ...Air Pollution Analysis; Air Pollution-chemistry; Cars; Chemical Analysis - general; Industrial Wastes; Rate of Reaction; Temperature; ...1.0038

TVA PLUME STUDIES ...Air Pollution-chemistry; Combustion; Furnace and Incinerator Design; Particulates - Air Pollution; Power Plants; ...1.0141

TECHNOLOGICAL AND ECONOMIC FEASIBILITY STUDY OF ADVANCED POWER CYCLES AND METHODS OF PRODUCING NON-POLLUTING FUELS ...Air Pollution-chemistry; Combustion; Desulfurization; Electric Power Generation; Fuels; Thermal Cycles; ...1.0541

SYSTEMS STUDY OF NITROGEN OXIDES CONTROL METHODS FOR STATIONARY SOURCES ...Air Pollution-chemistry; Furnaces and Incinerators; Nitrogen and Nitrogen Cpds.; ...1.0588

EVALUATION OF METAL OXIDES AS SORBENTS FOR SO2 IN POWER PLANT FLUE GASES ...Adsorption; Combustion; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0621

Engineering Geology

SOIL ENGINEERING RESEARCH ...California; Environmental Hazards; San Francisco Bay; Soil Loads; Tectonics; ...2.0039

ENGINEERING GEOLOGY RECONNAISSANCE STUDIES OF COASTAL COMMUNITIES, ALASKA ...Alaska; Environmental Hazards; Harbors; Marine Geology; Mass Wasting, Geological; Seismology; Tectonics; Waves -see Ocean Waves; ...2.0065

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Floods; Geologic Maps; Land Use; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Environment; Urban Research -general; ...2.0066

SAN FRANCISCO BAY SEDIMENTS ENGINEERING GEOLOGY STUDIES, CALIFORNIA ...California; Mineralogical Properties; Rock Mechanics - Geology; Rocks - Bedrock; Sediment Thickness; Tectonic History - Mountains; Unconsolidated Deposits; ...2.0069

CONSERVATION OF FRESH-WATER RESOURCES BY DEEP-WELL DISPOSAL OF LIQUID WASTES ...Burial; Geophysical Analysis; Mathematical Models; Porosity; Subsurface; ...2.1148

PALO ALTO, SAN MATEO, AND MONTARA MOUNTAIN 7.5-MIN. QUADRANGLES AND VICINITY, CALIFORNIA ...Borehole Geophysics; Data Acquisition; Environmental Geology; Rock Mechanics - Geology; Surficial Geology Studies; ...2.1797

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1823

ARCTIC ENGINEERING GEOLOGY (TAPS) ...Alaska; Environmental Hazards; Geology -general; Permafrost - Frozen Soils; Polar Regions; Remote Sensing; ...3.0017

ENGINEERING GEOLOGY IN COUNTY PLANNING ...Environmental Geology; Geologic Maps; Maps; Rocks - Bedrock; Urban Research -general; Waste Disposal-see Solid Waste; ...3.0205

Engineering Mechanics

NUMERICAL ANALYSIS OF TURBULENT FLUID FLOW MIXING ...Engines; Fuel Induction Devices; ...1.0051

WIND TUNNEL STUDIES ...Building Construction; Building Design; Fluid Mechanics; ...1.0139

CONSULTATION AND ADVISORY SERVICES FOR ROCKET-BORNE CRYOGENIC WHOLE AIR SAMPLER ...Air Pollution Sampling; Analytical Instruments; Consultants, Advisory Services; Heat Transmission; Temperature Effects; ...1.0684

FLUXES OF HEAT, MOMENTUM AND TRACERS IN WIND AND WATER TUNNELS ...Air Pollution -see Specifics; Atmospheric Dynamics; Marine Pollution; Radioactive Fallout; Wind; ...2.0078

DISPERSION AND SALT WATER INTRUSION IN NON-HOMOGENEOUS POROUS MEDIA ...Aquifers; Fluid Mechanics; Saline Water Intrusion; ...2.1137

THE FINITE ELEMENT METHOD IN FLUID MECHANICS ...Degradation -see Pesticide Deg; Fluid Mechanics; Groundwater Movement; ...2.1236

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Confidence Intervals; Digital Computer Applications; Hudson River; Monte Carlo Methods; Optimization Technique; River Basins; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

PACKAGING ...Farm Produce; Packaging Materials; Plant Waste Removal, Treatment; Support Services; ...3.0045

ENGINEERING PROPERTIES OF COMPACTED ASH FILLS ...Burning; Combustion; Construction Materials; Materials -properties; Soil Compaction Or Density; ...3.0179

STABILIZING SANITARY LANDFILLS BY INJECTION GROUTING ...Ceramics; Landfills -see Water Pollution; Materials -properties; Waste Disposal on Soils; ...3.0405

HASTY RURAL SHELTERS AND IMPROVISED LIFE-SUPPORT EQUIPMENT ...Building Construction; Building Design; Fission Products-see Radioact.; Pumps; Rural Areas; ...5.0934

RAPID TRANSIT DESIGN & OPERATION STUDIES ...Noise; Rapid Transit; ...6.0025

CONCRETE BASE FOR RAILWAY TRACKS ...Mathematical Models; Noise; Pavement; Railroads -see Transportation; Structural Mechanics; Tunnels; ...6.0043

RESEARCH INTO VARIOUS ASPECTS OF MOTOR VEHICLES INCLUDING NOISE, DYNAMIC BEHAVIOR, SAFETY, AERODYNAMICS AND AIR POLLUTION ...Automobile & Components; Engine; Engines; Fluid Mechanics; Noise; ...6.0051

RESPONSE OF CAGED MINK TO SONIC BOOM ...Farm Structures & Design; Mustelidae; Noise; Signal Analysis; Vibrations, -bioeffects; ...6.0087

SONIC BOOM EFFECTS ...Building Acoustics -see Noise; Noise; Noise Abatement; Structural Mechanics; ...6.0117

Engineering Structures-general

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Suspension; Urban Runoff; Water Reuse; Watersheds; ...2.0019

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Erosion; Rate of Deposition; Sediment Transport; Sedimentation; Streams; Survey Studies (water); ...2.0061

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Management (water); Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Urban Environment; Water Balance - Budget; ...2.0108

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Agnatha; Chemical Water Properties; Control of Nuisance Species; Flow Characteristics (water); Lake Ontario; Salmonidae; Survey Studies (water); ...2.0260

WATER QUALITY MANAGEMENT OF IMPOUNDMENTS ...Aeration (water); Destratification; Eutrophication; Lakes; Management (water); North Carolina; Reservoirs and Impoundments; ...2.0287

STRIP-MINING AND WATER QUALITY ...Acidity (water); Chemical Analysis (water); Coal; Erosion; Mine Wastes; Rainfall Simulators; Spoil Banks; Thermal Poll. -see Water Poll.; ...2.0309

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control, Flood Routing; Forecasting - Prediction; Land Use; Mathematical Models; Rain Amount; Sediment Yield; Texas; ...2.0388

A MULTI-PHASIC COMPONENT STUDY TO PREDICT STORM WATER POLLUTION FROM URBAN AREAS ...Benefit-cost Analysis; Forecasting - Prediction; Rainfall - Runoff Relationship; Storm Water; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0531

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research -general; ...2.0811

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Animal Life History Studies; Bays; Contamination - Water; Estuaries; Fish and Shellfish; Physiological Effects; Water Quality -general; ...2.0846

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides -nonspecific; Biological; Coatings -see Materials; Construction Materials; Corrosion, Deterioration; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Plastics; Water Distribution Systems; ...2.0977

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

TREATMENT OF PEAK WET WEATHER WASTEWATER FLOWS, AND RATE CONTROL OF ALL WASTEWATER DISCHARGES TO INTERCEPTOR SEWERS ...Aeration (water); Infiltration; Overflow -see Fluid Mechanics; Sewage Lagoons; Sewer Systems; Storm Sewer Quantity; Waste Water Treatment -general; ...2.1190

THE MECHANICS OF SEDIMENT REMOVAL FROM ALLUVIAL STREAMS ...Design Criteria; Fluid Mechanics; Flume Studies; Mathematical Models; Sedimentation; Water Control Works -general; ...2.1280

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Pre-impoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Biological Water Properties; Destratification; Flow Characteristics (water); Model Studies; Physical Water Properties; Reservoirs and Impoundments; Tennessee; Water Quality Control -general; Water Supply -general; ...2.1713

COAL STRIP MINE WATERSHED STUDY ...Alabama; Coal; Data Acquisition; Pollution Effects -see Water; Soil Tillage; Strip Mines; Water Quality -general; Watersheds; ...2.1719

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF JONES BAY ...Animal Habitat Studies; Bays; Construction Industry; Physical Water Properties; Texas; ...2.1726

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF MOSES LAKE ...Animal Habitat Studies; Censusing; Data Reduction and Analysis; Lakes; Pre-impoundment Sites; Sediments; Texas; ...2.1727

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Currents (water); Mapping; Shoreline Geomorphology; Structural Mechanics; Surveying; Utah; Waves -see Ocean Waves; ...2.1738

FISH BEHAVIOR AND PHYSIOLOGY ...Animal Migration; Behavior -vertebrate; Environmental Physiology; Fish & Shellfish Biology; Motivation and Instinct; Pollution Effects -see Water; Sensory & Perceptual Processes; Thermal Pollution; ...2.1761

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTH MISSISSIPPI ...Benefit-cost Analysis; Economic Impact; Erosion; Land Use; Mississippi; Sediments; Water Resources Planning; Watersheds; ...2.1861

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Estuaries; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

Engines

STUDY OF RELATIONSHIP OF ENGINE DETERIORATION TO EXHAUST EMISSIONS ...Cars; Engine; ...1.0033

PARTICLE DYNAMICS ...Atmospheric Dynamics; Diffusion; Missiles; Photography; Simulation Theory; ...1.0068

TURBOPROPULSION ENGINE EXHAUST EMISSIONS INVESTIGATION ...Turbines; ...1.0121

ATMOSPHERIC POLLUTION BY GASOLINE ENGINES ...Air Pollution; British Isles; California; Engine; Gases; Legal Studies; ...1.0151

LOW EMISSION ULTRABAN PISTON ...Cars; Engine; ...1.0577

HYBRID COMBUSTION PROCESS (FCP) APPLICATIONS FOR MILITARY VEHICLES ...Spark Ignition; ...1.0585

HYBRID COMBUSTION PROCESS (TCP) APPLICATION FOR MILITARY VEHICLES ...Spark Ignition; ...1.0593

INTERACTION OF FUEL AND ENGINE FACTORS INFLUENCING EXHAUST EMISSIONS ...Combustion; Fuels; Lead; ...1.0620

ENGINE EMISSION REDUCTION BY COMBUSTION CONTROL ...Air Cleaning Devices; Air Pollution-chemistry; Combustion; Interferometry; ...1.0640

ENGINE EXHAUST EMISSIONS MEASUREMENT SYSTEM ...Nitrogen and Nitrogen Cpds.; Turbines; ...1.0719

DIESEL IGNITION AND COMBUSTION ENGINE RESEARCH ...Air Pollution -see Specifics; Combustion; Diesel; Temperature; ...1.0724

SAE COMMITTEE ON DIESEL AND AIRCRAFT GAS TURBINE EMISSIONS MEASUREMENTS ...Committee Support; Diesel; Inorganic Gases; Turbines; ...1.0743

SINGLE COMBUSTOR RIG INVESTIGATION OF TURBINE ENGINE EXHAUST EMISSIONS ...Air Cleaning Devices; Air Pollution-chemistry; Chemical Analysis -general; Combustion; Fuels; Turbines; ...1.0836

TURBOPROPULSION AUGMENTOR EXHAUST EMISSIONS INVESTIGATION ...Chemical Analysis -general; Combustion; Turbines; ...1.0914

SMALL TURBINE ENGINE NOISE REDUCTION ...Noise Abatement; Turbines; ...6.0002

DEVELOPMENT OF QUIET ENGINES FOR NAVAL AIRCRAFT PROPULSION ...Military Sciences; ...6.0008

ENGINE AND PROPELLER NOISE ...Noise; Noise Abatement; Rotors - Propellers; Signal Analysis; Turbines; ...6.0019

TURBOFAN ...Noise; Turbines; ...6.0020

TURBOJET ENGINE OUT OF AIRFRAME STATIC RUN-UP NOISE SUPPRESSOR ...Noise Abatement; Turbines; ...6.0106

Diesel

THE VARIOUS POLLUTING SUBSTANCES EMITTED IN DIESEL ENGINE EXHAUST GASES ...Air Pollution-chemistry; Combustion; Engine; Engines; Fuels; ...1.0003

PRODUCTS OF COMBUSTION OF DISTILLATE FUELS FOR MOTIVE POWER ...Buses; Combustion; Diesel Equipment; Fuels; Nitrogen and Nitrogen Cpds.; Odor; Trucks; ...1.0124

AIR & WATER POLLUTION PPBS-20-55-12 FUELS COMBUSTION RESEARCH ...Combustion; Engines; Fuels; Gas Chromatography; Oxidants; ...1.0125

DEVELOPMENT OF IMPROVED NOX CONTROL FOR DIESEL ENGINES ...Air Cleaning Devices; Engine; Engines; Power Plants -see Specifics; Spark Ignition; ...1.0573

DIESEL EMISSION CONTROL ...Air Cleaning Devices; Combustion; Engine; Environmental Aspects; Fuels; Odor; ...1.0574

FUEL INJECTION SYSTEM ANALYSIS - DIESEL SMOKE REDUCTION ...Engines; Fuel Induction Devices; Smoke -see Air Pollution; Spray Devices; ...1.0583

DIESEL IGNITION AND COMBUSTION ENGINE RESEARCH ...Air Pollution -see Specifics; Combustion; Engines; Temperature; ...1.0724

COLD START SURVEILLANCE TESTS OF NEW VEHICLES ...Engine; Engines; Spark Ignition; Trucks; ...1.0728

SAE COMMITTEE ON DIESEL AND AIRCRAFT GAS TURBINE EMISSIONS MEASUREMENTS ...Committee Support; Engines; Inorganic Gases; Turbines; ...1.0743

ATMOSPHERIC POLLUTION BY DIESEL ENGINES ...Air Pollution Monitoring; Combustion; Diesel Equipment; Engines; Smoke; ...1.0850

A UNIFIED APPROACH TO WATER, FOOD AND POWER IN A COASTAL DESERT COMMUNITY ...Arid and Desert Regions; Auto Exhaust -see Air Poll.; Desalination; Electric Power Plants; Humidity; Mexico; Temperature - Air; ...2.1157

External Combustion Engines

CALIFORNIA ASSEMBLY - STEAM BUS ...Buses -see Transportation; Costs -see Economics Entries; Engine; Engines; Noise; Spark Ignition; ...1.0017

Spark Ignition

AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Combustion; Energy Conversion; Fuels; Mass Spectroscopy; Photochemical Reactions; Wall Effects; ...1.0009

CALIFORNIA ASSEMBLY - STEAM BUS ...Buses -see Transportation; Costs -see Economics Entries; Engine; Engines; External Combustion Engines; Noise; ...1.0017

KINETICS OF NO AND CO FORMATION IN COMBUSTION GASES ...Air Pollution-chemistry; Cars; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Turbines; ...1.0060

PARTICULATE EMISSIONS FROM TWO-CYCLE GASOLINE ENGINES ...Air Pollution; Combustion; Engines; Fuels; Particulate Matter - Air Poll.; Particulates - Air Pollution; ...1.0064

EFFECTS OF IMPROVED FUEL ATOMIZATION - VAPORIZATION AND MIXING ON EMISSIONS FROM MOBILE SOURCES ...Combustion; Engine; Engines; ...1.0120

PRODUCTS OF COMBUSTION OF DISTILLATE FUELS FOR MOTIVE POWER ...Buses; Combustion; Diesel Equipment; Fuels; Nitrogen and Nitrogen Cpds.; Odor; Trucks; ...1.0124

AIR & WATER POLLUTION PPBS-20-55-12 FUELS COMBUSTION RESEARCH ...Combustion; Diesel; Engines; Fuels; Gas Chromatography; Oxidants; ...1.0125

CONDUCT A STUDY OF EMISSIONS FROM OFF HIGHWAY INTERNAL COMBUSTION ENGINES (GASOLINE AND DIESEL) ...Air Pollution-chemistry; Combustion; Engines; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0148

PARAMETRIC STUDY OF PETROL ENGINE PERFORMANCE, EFFICIENCY AND EXHAUST COMPOSITION ...Air Pollution-chemistry; Combustion; Engine; Engines; Nitrogen and Nitrogen Cpds.; ...1.0150

A STUDY OF SURVEILLANCE INSPECTION AND MAINTENANCE PROCEDURES FOR MINIMIZING AUTOMOBILE EXHAUST EMISSIONS (CAPE-13) ...Engine; Engines; ...1.0537

DEVELOPMENT OF IMPROVED NOX CONTROL FOR DIESEL ENGINES ...Air Cleaning Devices; Diesel; Engine; Engines; Power Plants -see Specifics; ...1.0573

FUEL INJECTION ...Air Cleaning Devices; Combustion; Engines; Fuel Induction Devices; Nitrogen and Nitrogen Cpds.; ...1.0579

CARBURETORS - REDUCTION OF EXHAUST EMISSIONS ...Air Cleaning Devices; Engine; Engines; ...1.0582

HYBRID COMBUSTION PROCESS (FCP) APPLICATIONS FOR MILITARY VEHICLES ...Engines; ...1.0585

HYBRID COMBUSTION PROCESS (TCP) APPLICATION FOR MILITARY VEHICLES ...Engines; ...1.0593

RI - ADAPTIVE MIXTURE CONTROL FOR INTERNAL COMBUSTION ...Combustion; Engines; Fuel Induction Devices; Fuels; Inorganic Gases; ...1.0651

MOLECULAR-BEAM SAMPLING FROM CYCLING-PRESSURE SOURCES ...Combustion; Engine; Engines; Mechanism Determination; ...1.0673

COLD START SURVEILLANCE TESTS OF NEW VEHICLES ...Diesel; Engine; Engines; Trucks; ...1.0728

STUDY OF THE NOISE PRODUCED BY TRANSPORTATION EQUIPMENT, DEVICES POWERED BY INTERNAL COMBUSTION ENGINES - STUDY OF COMMUNITY NOISE ...Engine; Environmental Effects - Human; Noise; Sound Attenuation Acoustics; ...6.0023

REDUCTION OF COMMERICAL-VEHICLE ENGINE NOISES BY ACOUSTIC TREATMENTS APPLIED TO THE VEHICLE ...Acoustic Instrumentation; Automobile & Components; Engine; Noise; ...6.0049

Environment Resistance-animals

LITERATURE REVIEW ON THE EFFECT OF AIR POLLUTANTS ON LIVESTOCK AND POULTRY ...Air Pollution -see Specifics; Arsenic; Fluorine; Literature Search; Poultry -nonspecific; Sus; ...1.0352

ENVIRONMENTAL BIOLOGY OF TOMALES BAY ...Animal Habitat Studies; Bays; Chemical Water Properties; Mans Pollutional Activities; Marine Environments; Water Standards & Baselines; ...2.0489

BEHAVIOR OF STREAM INSECTS ...Animal Behavioral Ecology; Animal Habitat Studies; Animal Migration; Aquatic Ecology - Animal; Contamination - Water; Drought - Meteorologic; Water Pollution Sources; ...2.0529

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Bioassays; Coliforms -nonspecific; Data Reduction and Analysis; Microorganisms -nonspecific; New Mexico; Rumen Bacteria; Water Pollution -see Specifics; Water Quality -general; Water Utilization -domestic; ...2.0684

COLUMBIA RIVER THERMAL EFFECTS STUDY ...Aquatic Ecology - Animal; Columbia River; Fish; Forecasting - Prediction; Model Studies; Temperature (water); Thermal Pollution; ...2.1523

EFFECTS OF SILTATION AND COARSER SEDIMENTS ON DISTRIBUTION AND ABUNDANCE OF STREAM-INHABITING INSECTS ...Aquatic Ecology - Animal; Deposition-general; Sediments; Silting (water) -see Sediment; Size; Turbidity (water); Vertical Distribution; ...2.1542

THE THERMAL REQUIREMENTS AND TOLERANCE OF KEY ESTUARINE ORGANISMS ...Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Salinity (water); Thermal Pollution; ...2.1576

EFFECT OF WATER TEMPERATURE AND/OR DISSOLVED OXYGEN REQUIREMENTS ON SELECTED MOLLUSKS ...Aquatic Ecology - Animal; Gastropoda; Invertebrate Physiology; Temperature (water); Thermal Pollution; ...2.1589

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Ecological Effects; Heat Recovery, Industrial; Photosynthesis; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

EFFECTS OF THERMAL AND OTHER FORMS OF POLLUTION ON SOME ANADROMOUS FISHES ...Aquatic Ecology - Animal; Fresh Water; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Salinity (water); Thermal Pollution; ...2.1641

ENVIRONMENTAL FACTORS AFFECTING FISHERIES ...Circulation (water); Clupeidae; Delaware River; Osteichthyes -other; Pleuronectidae; Spawning & Nesting Sites; Temperature (water); ...2.1642

AN EXPANDED PROGRAM OF RESEARCH IN FRESHWATER ECOLOGY ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Fresh Water; Pollution Effects -see Water; Water Pollution Sources; ...2.1689

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Clams; Hippolyte; Marine Animals; Marine Pollution; Temperature (water); ...2.1694

BIOLOGY OF ANADROMOUS ALOSIDS ...Aging; Contamination - Water; Embryology -basic; Fish & Shellfish Biology; Marine Animals; Spawn Or Nesting Sites; Virginia; ...2.1748

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ...Animal Productivity; Clams; Contamination - Water; Electric Power Plants; Fish and Shellfish; Heat Recovery, Industrial; Ostreidae (oyster); Temperature (water); ...2.1762

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Acid Mine Drainage; Aquatic Ecology - Animal; Bullheads; Environmental Physiology; Fish Food Supply -other; Management (water); Pollution Effects -see Water; Water Resources Planning; ...2.1771

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Biochemical Oxygen Demand; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage Lagoons; Space Requirements; Taste & Odor of Water; ...3.0132

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Estuaries; Fish; Marine Animals; Molluscs; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

Environmental Changes

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

SALINE WATER POLLUTION OF POTABLE WATER SUPPLIES THROUGH DEEP ARTESIAN WELLS ...Aquifers; Groundwater; Mans Pollutional Activities; Saline Water Intrusion; Water Wells; ...2.0187

ST. JOHNS RIVER FISHERY PROJECT ...Animal Habitat Studies; Contamination - Water; Environmental Ecology; Fish and Shellfish; Mans Pollutional Activities; Pollution Effects -see Water; ...2.0543

HYDROGRAPHY OF THE PENOBSCOT RIVER ESTUARY ...Density; Dissolved Load; Estuaries; Maine; Salinity (water); Soil Tillage; Water Pollution Abatement; ...2.0607

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Animal Productivity; Aquatic Soils; Fish; Lakes; Nutrient Studies -animal; Population Dynamics -general; Water Analysis; ...2.1587

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Copepoda; Environmental Ecology; Fish; Marine Animals; Mollusca; Population Dynamics - general; Salinity (water); Thermal Properties; ...2.1693

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (Plant Adsorption); Agricultural Studies - general; Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Element Ratios; Environmental Geology; Evolution; Genetic Relationships; Geochemical Investigations; Lead; Petrology; Radiochemical Analysis; Uranium; ...5.0016

Environmental Ecology

BASE STUDY OF THE STATUS OF ECOLOGICAL RESEARCH ...Air Pollution -see Specifics; Air Pollution Effects; Balance of Nature - Plants; Literature Search; Plant Ecology -nonspecific; Pollution Effects -see Water; ...1.0498

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal; Chemical Water Properties; Fish Food Organisms; Lake Stages; Pathology; Plankton; Reservoirs and Impoundments; ...2.0021

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Biological Effects; Cooperative Studies; Estuaries; Invertebrates -nonspecific; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Size; Texture; ...2.0210

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects - see Water; Water Pollution Sources; Zinc; ...2.0280

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamina-

tion - Water; Estuaries; Fish; Iron; Marine Animals; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

SEDIMENT MINERALOGY ...Adsorption Capacity; Animal Productivity; Contamination - Water; Marine Biology - General; Mineralogy; Ponds; Vertical Distribution; Zinc; ...2.0284

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Animal Behavioral Ecology; Atomic Plants; Contamination - Water; Ecological Effects; Lakes; Population Dynamics - general; Thermal Pollution; ...2.0305

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Energy Conversion; Heat Recovery, Industrial; Nuclear Power; Plant Freshwater Ecology; Public Utilities; Social Aspects; Thermal Pollution; ...2.0352

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Atomic Plants; Columbia River; Energy Conversion; Fish; Periphyton; Phosphorus and Phosphorus Cpds; Water Pollution Sources; Zinc; ...2.0420

CONTROL OF PRODUCTIVITY AND POPULATION CHARACTERISTICS IN AQUATIC COMMUNITIES ...Animal Productivity; Core Analysis; Invertebrate Physiology; Lakes; Rehabilitation - streams -lakes; Sedimentation; ...2.0426

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological Water Properties; Construction Land Use Effects; Geological Exploration; Lakes; Marine Biology - General; Sea Ice; Water Standards & Baselines; ...2.0470

ENVIRONMENTAL BIOLOGY OF TOMALES BAY ...Animal Habitat Studies; Bays; Chemical Water Properties; Environment Resistance-animals; Mans Pollutional Activities; Marine Environments; Water Standards & Baselines; ...2.0489

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ...Aircraft Remote Sensing; Aquatic Ecology - Animal; Electric Power Plants; Infrared Radiation; Mapping; Survey Studies (water); Temperature (water); Thermal Pollution; ...2.0524

ST. JOHNS RIVER FISHERY PROJECT ...Animal Habitat Studies; Contamination - Water; Fish and Shellfish; Mans Pollutional Activities; Pollution Effects -see Water; ...2.0543

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Contamination - Water; Fish; Illinois; Invertebrates -nonspecific; Organic Matter; Pollution Effects -see Water; Sediments; ...2.0576

TAXONOMY AND PHYSIOLOGY OF PROTOZOA IN CAVE STREAMS AND POOLS ...Animal Distribution; Aquatic Ecology - Animal; Groundwater; Invertebrate Physiology; Optical Properties of Water; Pollution Effects -see Water; Taxonomy -animal; Water Pollution Sources; ...2.0600

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

BENTHONIC INVERTEBRATES AS AN INDEX OF WATER QUALITY ...Animal Life History Studies; Bioassays; Invertebrates -nonspecific; Water Pollutant Identification; ...2.0643

MAYFLY DISTRIBUTION AS A WATER QUALITY INDEX ...Animal Habitat Studies; Animal Productivity; Mississippi River; Range Or Territorial Distr.; Turbidity (water); Water Quality - general; ...2.0648

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ...Annelida; Benthic Fauna; Contamination - Water; Missouri; Physical Water Properties; Taxonomy -animal; Water Quality -general; ...2.0659

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

A PRE-IMPOUNDMENT ECOLOGICAL STUDY OF THE BOTTOM FAUNA AND WATER QUALITY IN THE NORTH ANNA RIVER ...Atomic Plants; Chemical Analysis (water); Contamination - Water; Management (water); Thermal Pollution; Water Standards & Baselines; ...2.0834

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Animal Life History Studies; Bays; Contamination - Water; Engineering Structures-general; Estuaries; Fish and Shellfish; Physiological Effects; Water Quality -general; ...2.0846

FACTORS INFLUENCING FREE-LIVING NEMATODES IN WATER SUPPLIES ...Animal Pollutant Sources; Chemical Measurements (water); Chlorination; Chlorine; Mineralogical Water Properties; Nematoda; Sand Filters; ...2.0893

ACID WATER TROUT STUDIES ...Acidity (water); Neutralization; Population Dynamics -general; Water Pollutant Identification; Water Table; ...2.1059

LIMESTONE DRUM PRODUCTIVITY STUDY -- POPULATION STUDY ...Acidity (water); Chemical Measurements (water); Contamination - Water; Limestone-general; Population Dynamics - general; Spawn Or Nesting Sites; Stocking of Fish & Shellfish; ...2.1131

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics - general; Reservoirs and Impoundments; Wisconsin; ...2.1133

RELATIONSHIPS BETWEEN LOGGING ACTIVITIES AND SALMON PRODUCTION ...Aquatic Ecology - Animal; Circulation (water); Sediments; Spawn Or Nesting Sites; ...2.1478

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Arkansas; Copepoda; Micropterus Dolomieui; Pathology; Recreation, Outdoor; Water Depth, Water Levels; ...2.1481

EFFECTS OF WATER DIVERSION ON BIOTA AND WATER QUALITY IN THE STATE OF ARKANSAS ...Animal Productivity; Aquatic Ecology - Animal; Chemical Water Properties; Eutrophication; Physical Water Properties; Population Dynamics - general; Vertebrate Anatomy; ...2.1482

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots; Arkansas; Chemical Analysis (water); Ecological Effects; Eutrophic Lakes; Mineralogical Water Properties; Nutrients; Plankton Sampling; Population Dynamics -general; Zooplankton; ...2.1483

ECOLOGY OF COLORADO MOLLUSKS ...Chemical Measurements (water); Colorado; Contamination - Water; Invertebrate Physiology; Mollusca; Range Or Territorial Distr.; ...2.1504

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Contamination - Water; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Pesticides -nonspecific; Spawn Or Nesting Sites; Temperature (water); ...2.1516

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

BIOLOGICALLY ALLOWABLE THERMAL POLLUTION LIMITS - A PHYSICO-CHEMICAL APPROACH ...Literature Search; Temperature (water); Thermal Pollution; ...2.1529

THE BIOLOGY OF TROPICAL BOTTOM INVERTEBRATES ...Cirripedia; Echinodermata; Marine Pollution; Tropical Regions; ...2.1531

INVESTIGATION OF THE EFFECTS OF COMMERCIAL HYDRAULIC CLAM DREDGING ON VARIOUS BOTTOM HABITATS OF SELECTED ESTUARINE AREAS ...Animal

Habitat Studies; Benthic Organisms -nonspecific; Clams; Mans Pollutional Activities; Sediments; ...2.1533

IMPLEMENTATION OF HABITAT ALTERATIONS ...Amphibious Plants; Animal Succession; Depth (water); Lakes; Population Dynamics -general; Water Depth; Water Levels; ...2.1534

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

THE EFFECTS OF THERMAL LOADING ON THE HAWAIIAN MARINE BIOTA ...Animal Life History Studies; Ecological Effects; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Temperature; Thermal Pollution; ...2.1539

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Insects - Beneficial; Lumbering - general; Ponds; Range Or Territorial Distr.; Temperature (water); ...2.1543

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Pre-impoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

GREAT LAKES ECOLOGY STUDY ...Aquatic Ecology - Animal; Chemical Analysis (water); Ecological Effects; Lakes; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1546

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Acid Mine Drainage; Aquatic Ecology - Animal; Ecological Effects; Lakes; Mining Industry; Physical Water Properties; Waste Water Treatment -general; ...2.1551

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Biochemical Analysis - Tissues; Ecological Effects; Energy Conversion; Environmental Physiology; Pollution Effects -see Water; Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1553

DETERMINE THE EFFECT OF ORGANIC WATER POLLUTION AS IT EXISTS IN THE AREA OF DES MOINES, IOWA, ON GROWTH OF THE TURTLE CHRYSEMYS PICTA. ...Contamination - Water; Environmental Physiology; Iowa; Organic Water Properties; Reptiles; ...2.1555

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - FISH DISTRIBUTION ...Aquatic Ecology - Animal; Ecological Effects; Industrial Wastes; Vertical Distribution; ...2.1559

DETERMINATION OF THE EFFECTS OF OIL IMMERSION ON SWAMP RABBITS ...Bands; Contamination - Water; Nets; Petroleum -see Oil; Rabbits; Temperature - Air; ...2.1565

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

THE THERMAL REQUIREMENTS AND TOLERANCE OF KEY ESTUARINE ORGANISMS ...Electric Power Plants; Estuaries, Invertebrate Physiology; Salinity (water); Thermal Pollution; ...2.1576

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Chlorine; Data Acquisition; Effluent-standards; Fish; Population Dynamics -general; Species Diversity Measurement; Water Properties -general; ...2.1577

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Animal Productivity; Aquatic Soils; Environmental Changes; Fish; Lakes; Nutrient Studies -animal; Population Dynamics -general; Water Analysis; ...2.1587

CONTROLLED TEMPERATURE REGIMES IN OUTDOOR EXPERIMENTAL PONDS ...Aquatic Ecology - Animal; Energy Conversion; Heat Flow (water); Minnesota; Temperature (water); ...2.1600

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST. CROIX (ABBREV) ...Aquatic Ecology - Animal; Electric Power Plants; Fishing; Loss Damages - Recreation; Population Dynamics -general; Temperature (water); Water Pollution Effects; ...2.1603

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Creel Census; Environment; Fish; Lakes; Performance; Power Reservoirs; Temperature (water); Temperature - Air; User Patterns; ...2.1620

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Benthic Fauna; Contamination - Water; Gastropoda; Mollusca; Physical Water Properties; Taxonomy -animal; Water Pollution Sources; ...2.1623

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bays; Ecological Effects; Energy Conversion; Invertebrate Physiology; Long Island Sound; Mollusca; Population Dynamics - general; Temperature (water); Zooplankton; ...2.1638

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology - Animal, Embryology -basic; Environmental Physiology; Fish Food Supply -other; Micropterus Salmoides; Temperature (water); Water Pollution Effects; Water Quality -general; ...2.1649

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries; Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER ...Aquaria; Captive Rearing; Energy Conversion; Fish Farming; Marine Animals; New York; Temperature (water); Water Utilization - animal; ...2.1653

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water); Channels; Contamination - Water; Ecological Effects; Organic Matter; Plant Freshwater Ecology; Primary Productivity - Plants; Sewage Treatment Plant; Thermal Pollution; ...2.1658

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

ENVIRONMENTAL EFFECTS OF COASTAL ZONE POWER GENERATION ...Animal Habitat Studies; Consultants, Advisory Services; Energy Conversion; Federal Government; North Carolina; Power Development; ...2.1664

TOXICITY OF SELECTED METALS TO CONDITIONED FISH ...Animal Behavioral Ecology; Behavior -vertebrate; Fish; Pesticide Action on Animals; Pollution Effects -see Water; ...2.1669

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Data Reduction and Analysis; Eutrophication; Lake Erie; Plankton; Spawning & Nesting Sites; Stizostedion Vitreum Vitreum; Water Temperature Recorders; ...2.1672

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS ...Animal Predation; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Industrial Wastes; Petroleum Industry; Population Dynamics -general; Water Pollutant Identification; ...2.1674

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

IMMEDIATE EFFECTS OF LOGGING ON THE FRESHWATER ENVIRONMENT OF SALMONIDS ...Acidity (water); Circulation (water); Forest Debris; Lumbering -general; Population Dynamics -general; Salmonidae; Temperature (water); ...2.1681

ECOLOGICAL STUDIES OF AN EXPERIMENTAL STREAM ...Animal Habitat Studies; Energy Budgets; Plant Freshwater Ecology; Pollution Effects -see Water; ...2.1686

AN EXPANDED PROGRAM OF RESEARCH IN FRESHWATER ECOLOGY ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Environment Resistance-animals; Fresh Water; Pollution Effects -see Water; Water Pollution Sources; ...2.1689

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Copepoda; Fish; Marine Animals; Mollusca; Population Dynamics -general; Salinity (water); Thermal Properties; ...2.1693

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Clams; Environment Resistance-animals; Hippolyte; Marine Animals; Marine Pollution; Temperature (water); ...2.1694

HEALTH EFFECTS OF TOXIC CHEMICALS WITHIN THE WATER ENVIRONMENT ...Animal Toxins; Clams; Eastern U. S.; Lead; Marine Environments; Pollution Effects -see Water; ...2.1697

COMPARATIVE TOXICITIES OF METALS TO ESTUARINE FISHES ...Aluminum; Bioassays; Cyprinodontidae; Environmental Physiology; Industrial Wastes; Marine Animals; Toxic Substances; ...2.1701

HIGH ANALYSIS FERTILIZER INVESTIGATIONS - FISHERIES ...Aquatic Ecology - Animal; Depth (water); Fertilizers -aquatic; Nutrients; Tennessee; ...2.1718

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Catostomidae; Effluents - Waste Water; Manganese; Mining Industry; Pollution Effects -see Water; Sediments; Toxic Minerals; Water Purification; ...2.1746

SOME EFFECTS OF THE RECENT INTRODUCTION OF HARD WATER INTO THE WATER SUPPLY RESERVOIR OF CARVIN COVE, VIRGINIA ...Animal Productivity; Benthic Fauna; Mineralogical Water Properties; Physical Water Properties; Vertical Distribution; Water Pollution Effects; ...2.1747

EFFECTS OF MODIFICATIONS ON THE COLUMBIA RIVER ...Animal Productivity; Benthic Fauna; Commercial Fishing; Electric Power Plants; Salmo Gairdneri; Thermal Pollution; ...2.1758

FISH BEHAVIOR AND PHYSIOLOGY ...Animal Migration; Behavior -vertebrate; Engineering Structures-general; Environmental Physiology; Fish & Shellfish Biology; Motivation and Instinct; Pollution Effects -see Water; Sensory & Perceptual Processes; Thermal Pollution; ...2.1761

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties -general; ...2.1763

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Acid Mine Drainage; Aquatic Ecology - Animal; Bullheads; Environment Resistance-animals; Environmental Physiology; Fish Food Supply -other; Management (water); Pollution Effects -see Water; Water Resources Planning; ...2.1771

ECOLOGICAL RESPONSES OF FISHES AND FISH-FOOD ORGANISMS TO HEATED EFFLUENT - CASE STUDY OF LAKE MONONA, WISCONSIN ...Animal Predation; Electric Power Plants; Lepisosteidae; Temperature (water); Thermal Pollution; ...2.1780

THE AQUATIC ENVIRONMENT AND ELECTRICAL POWER GENERATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Great Lakes -see Specific Lake; Reactor Sites & Rad Waste; Temperature (water); ...2.1781

MEASUREMENT AND MANAGEMENT ASPECTS OF WATER TOXICOLOGY ...Analysis and Detection; Biological Effects; Chemical Analysis (water); Food Contamination; Plant Food Chains; Thermal Pollution; Training Grants, Fellowships; ...2.1793

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Aquatic Ecology - Animal; Chemical Water Properties; Economic Impact; Kentucky; Plant Freshwater Ecology; Regional Economics; Social Aspects; Water Quality -general; ...2.1838

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Fish & Shellfish Biology; Fishery Development -other; Lake Ontario; Pesticides -see Pesticide; Residues in Foods; Water Depth, Water Levels; Water Resources Planning; ...2.1876

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Fishing; Physical Water Properties; Population Dynamics -general; Recreation, Water Resources; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

GROSS EFFECTS OF HEXADECANOL AND PLASTIC SHEET BOTTOMS ON AQUATIC LIFE IN PONDS ...Aquatic Ecology - Animal; Chemical Water Properties; Linings - Pavings; Physical Water Properties; Ponds; Water Quality -general; ...4.0004

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds; Chemical Analysis; Ecological Effects; Fish; Lakes; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

BIOLOGICAL CONTROL OF HELIOTHIS ZEA ATTACKING COTTON ...Animal Distribution; Biological Control; Methyl Parathion; Pesticide Evaluation; Population Dynamics -general; ...4.0221

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Aquatic Plants -nonspecific; Carbon; Endrin; Environmental Physiology; Fish; Pesticide Action on Animals; Soil Types -also See Specifics; ...4.0532

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Animal Resistance; Bioassay; Estuaries; Hippolyte; Marine Animals; Pesticides -nonspecific; San Francisco Bay; ...4.0543

BIOLOGICAL CONTROL OF COTTON INSECTS ...Animal Life History Studies; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pest Control Measures; Viruses - Animal; ...4.0552

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Estuaries; Laboratory Animals; Parathion; Physiological Effects; Spawn Or Nesting Sites; ...4.0653

THE INFLUENCES OF ENVIRONMENTAL CONDITIONS ON THE TOXICITY OF PESTICIDES ...Aquatic Ecology - Animal; Bioassays; Fish; Pesticides -nonspecific; Pollution Effects -see Water; Water Pollution Effects; ...4.0708

SCREENING OF PESTICIDES AGAINST FRESHWATER FISHES, FY 1971 ...Animal Resistance; Bioassay; Fish; Pesticides -nonspecific; Temperature (water); ...4.0713

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Air - Water - Plant Relations; Cesium; Food Contamination; Pollution Effects -see Water; Radioactive Contamination; Radiologic Health; Soil Chemical Properties; ...5.0031

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Burial; Cooperative Studies; Ecological Effects; Estuaries; Marine Biology - General; Marine Environments; Radioactive Fallout; Water Pollution Sources; ...5.0059

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Cesium; Invertebrate Physiology; Plant Ecology -nonspecific; Plant Freshwater Ecology; Productivity of Freshwater; Radioactive Pollution -es; Ruthenium; ...5.0069

SYSTEMS ECOLOGY ...Animal Predation; Computer Methods - general; Energy Budgets; Plant Ecology -nonspecific; Plant Productivity -general; Radioactive Pollution -es; Reactor Sites & Rad Waste; Systems Analysis; ...5.0074

BIOLOGY OF THE EASTERN CHIPMUNK, TAMIAS STRIATUS ...Animal Productivity; Elevation Levels, Ahitude; Population Dynamics -general; Sciuridae; Vertebrates Excl. Man; ...5.0378

AEC ANIMAL INVESTIGATION PROGRAM ...Animal Migration; Bos; Ovis; Reactor Sites & Rad Waste; ...5.0421

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Oallout; Scombridae; Water Pollution Sources; ...5.0541

TERRESTRIAL ANIMAL ECOLOGY ...Animal Productivity; Cricetidae -other; Population Dynamics -general; Radiation Sensitivity -man; Rodentia -other; ...5.0745

Environmental Effects - Human

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD ...Atmospheric Dynamics; Environment Accumulation Rates; Environmental Hazards; Lead; Mercury; Pesticides -nonspecific; Seismology; Toxicology; Water Pollutants - Path of; ...1.0189

EFFECTS OF DENTAL AEROSOLS ON OPERATORY AND SUBMARINE ENVIRONMENTS ...Aerosols; Air Pollution -see Specifics; Bacterial Toxins -nonspecific; Military Personnel; Oral Bacteria; Submarine & Diving Medicine; ...1.0190

EFFECT OF EXPOSURE TO THE TOTAL SUBMARINE ATMOSPHERIC ENVIRONMENT ON PHYSIOLOGICAL FUNCTIONS ...Aerosols; Air Pollution -see Specifics; Carbon Monoxide, Military Personnel; Respiratory Irritants, Inhaled; Submarine & Diving Medicine; Toxicology; ...1.0191

A PROGRAM IN ENVIRONMENTAL PHYSIOLOGY AND TOXICOLOGY ...Air Pollution -see Specifics; Carbon Monoxide; Cooperative Studies; Respiratory Irritants, Inhaled; Toxicology; ...1.0208

ENVIRONMENTAL FACTORS AND CHRONIC BRONCHITIS ...Air Pollution -see Specifics; Respiratory Disease; ...1.0209

USSR LITERATURE ON AIR POLLUTION AND RELATED DISEASES ...Air Pollution -see Specifics; Air Pollution, Effects; Literature Search; Plant Habitat Studies; ...1.0211

AUTOMOBILE EXHAUST AND CHRONIC RESPIRATORY DISEASE ...Air Pollution -see Specifics; Bacteria -nonspecific; Carbon Monoxide; Engines; Lead; Respiratory Disease; Tobacco - cigarettes; ...1.0212

RESPIRATORY DISEASE AND ENVIRONMENTAL EXPOSURES ...Air Pollution -see Specifics; Asbestos; Factory Workers; Occupational Hazards; Respiratory Disease; Respiratory Irritants, Inhaled; Tobacco -cigarettes; ...1.0214

TRACE AMOUNT SUBSTANCES IN ENVIRONMENTAL HEALTH ...Chemical Analysis (water); Developmental Physiology; Health & Geographic Factors; Sus; Water Pollutant Identification; ...1.0217

TOXIC EFFECTS OF AIR FORCE CHEMICALS AND MATERIALS ...Air Pollution -see Specifics; Aviation Medicine; Mammals -nonspecific; Military Personnel; Occupational Hazards; Toxic Substances; Toxicology; ...1.0218

URBAN CHRONIC DISEASE EPIDEMIOLOGICAL STUDY PROGRAM ...Air Pollution -see Specifics; Occupational Hazards; Social Aspects; Urban Environment; ...1.0224

HUMAN ADAPTATION OF CARDIO-PULMONARY FUNCTION TO HYPOBARIC, AQUATIC AND INDUSTRIAL ENVIRONMENTS ...Air Pollution -see Specifics; Anoxia and Hypoxia; Metabolism & Metab. Diseases; Pressure; Temperature & Humidity Effects; ...1.0305

A BIOLOGIC INDICATOR FOR AIR POLLUTION ...Air Pollution -see Specifics; Caviidae; Occupational Hazards; Rural Areas; ...1.0317

ECONOMICS OF ENVIRONMENTAL EFFECTS ON SEASONAL HOMES ...Access; Cost-benefit Analysis; Landscaping; Methods - Recreation; Recreation, Water Resources; Water Pollution -see Specifics; ...1.0441

FOR SEMINARS AND STUDIES ON ENVIRONMENTAL ARTS AND SCIENCES, POPULATION GROWTH, URBANIZATION, POLLUTION, AND RELATED SUBJECTS ...Air Pollution -see Specifics; Environment; Environmental Geology; Technology - Social Impact; Urban Research; Water Quality -general; ...1.0478

THE EFFECTS OF AIR POLLUTION ON INTERPERSONAL BEHAVIOR ...Air Pollution -see Specifics; Social Aspects; Urban Environment; ...1.0491

LAW-RELATED RESEARCH ON SCIENTIFIC UNCERTAINTY AND TECHNOLOGY ASSESSMENT ...Air Pollution -see Specifics; Pesticide Toxicity in Humans; Pesticides -nonspecific; Radiation Effects - Biological; Radiation Sources -general; Radiologic Health; ...1.0497

NUMERICAL STUDY OF URBAN SCALE ATMOSPHERIC TRANSPORT ...Air Pollution -see Specifics; Atmospheric Dynamics; Mathematical Models; Urban Environment; Urban Research -general; ...1.0716

DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR THE MEASUREMENT OF TRACE CONTAMINANTS IN AIR FORCE MANNED WEAPON SYSTEMS ...Aviation Medicine; Controlled Atmosphere; Electron Spectroscopy; Military Personnel; Respiratory Irritants, Inhaled; Trace Analysis; ...1.0848

NAVY ENVIRONMENT SUITABILITY OF SALIVA SAMPLING FOR MONITORING BLOOD LEVELS OF INHALED POISONS AND OF ADMINISTERED MEDICATION ...Digestive System - Human; Military Personnel; Occupational Hazards; Respiratory Irritants, Inhaled; Toxic Substances; Toxicology; ...1.0853

MERCURY IN THE ENVIRONMENT ...Air Pollution-chemistry; Analysis and Detection; Mercury; ...2.0199

BIBLIOGRAPHY ON FLUORIDATION OF PUBLIC WATER SUPPLIES ...Abstracts; Bibliography; Fluoridation; Fluorine; Literature Search; Potable Water; ...2.0932

A SOCIO-ENVIRONMENTAL STUDY OF A RIVER VALLEY ...Costs -see Economics Entries; Mammals -nonspecific; Ohio; River Basins; Social Aspects; Towns; ...2.1894

THE ENVIRONMENT AND TECHNOLOGICAL ASSESSMENT ...Atomic Plants; Filtration; Lake Tahoe; Management (water); Rate of Mutation; ...2.1917

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Attitudes & Attitude Change; Economics -recreation; Recreation, Outdoor; Recreation, Water Resources; Safety - Recreation; Seasonal Homes; Water Pollution -see Specifics; ...2.1921

ANIMAL WASTE MANAGEMENT STUDY ...Farm Animal Wastes; Sanitation; Sprinkler Irrigation; Waste Disposal on Soils; Waste Water Treatment -general; ...3.0191

PHYSIOLOGICAL CONSEQUENCES OF LONG-TERM EXPOSURE TO LOW LEVELS OF TOXICANTS ...DDT; Dieldrin; Laboratory Animals; Muridae; Pesticide Formulation; Stressors, Physiological; Toxicology; ...4.0559

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aldrin; Aramite; Chemical Analysis; Dieldrin; Methoxychlor; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0592

INTERACTIONS OF PESTICIDES, DRUGS AND OTHER CHEMICALS ...Bioassay; Muridae; Pesticide Action on Animals; Pesticide Rates -general; Quail; ...4.0613

BIOCHEMICAL AND PHYSIOLOGIC RESPONSE TO TOXIC STRESS ...Cellular Metabolism - Controls; Insecticides -nonspecific; Muridae; Pesticide Action on Animals; Toxic Substances; ...4.0657

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Air Pollution -see Specifics; Food Contamination; Pesticide Toxicity in Humans; Physiological Effects; Radiation, Low Level; Residues in Foods; Toxicology; Water Pollution -see Specifics; ...4.0658

SELECTIVE TOXICITY - AN APPROACH TO ENVIRONMENTAL HEALTH ...Air Pollution-chemistry; Animal; Mammals - nonspecific; Sulfur; ...4.0764

EFFECT OF METHYLENEDIOXYPHENYL SYNERGISTS AND RELATED COMPOUNDS ON MICROSOMAL DRUG METABOLIZING ENZYMES ...Laboratory Animals; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Piperonyl Butoxide; Toxic Substances; Toxicology; ...4.0782

THE INFLUENCE OF ENVIRONMENTAL AGENTS ON THE GENESIS OF RIBOSOMES IN MAMMALIAN CELLS ...Cellular Biosynthesis; Cellular Physiology- Env. Eff.; Chlorinated Hydrocarbons; Kinetics; Laboratory Animals; Pesticide Action on Animals; ...4.0783

THE EVALUATION OF CARBAMATE-INDUCED ANTICHOLINESTERASE EFFECTS IN THE FETUS ...Carbamates -nonspecific; Carbamates -see Pesticides; Developmental Physiology; Laboratory Animals; Mammals -nonspecific; Pesticide Action on Animals; Toxicology; ...4.0784

THE TERATOGENIC EVALUATION OF THE HERBICIDE 2,4,5-T AND DIOXIN ...Herbicides -nonspecific; Pesticide Action on Animals; Pesticides -other; T, 2,4,5-; ...4.0785

NORMAL AND MODIFIED PLACENTAL TRANSFER AND TISSUE DISTRIBUTION OF ENVIRONMENTAL AGENTS ...Developmental Physiology; Dieldrin; Diquat; Laboratory Animals; Mammals -nonspecific; Paraquat; Pesticide Action on Animals; ...4.0788

EVALUATION OF THE ANIMAL AND HUMAN COMPLAINTS FOLLOWING THE SPRAYING OF SILVEX, 2,4,5-T AND 2,4-D IN GLOBE, ARIZONA ...Arizona; Domestic Animals; Liquids Or Sprays; Pesticide Toxicity in Humans; T, 2,4,5-; ...4.0789

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON H1 VIRAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Cricetus; Developmental Physiology; Laboratory Animals; Mercury; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0791

GENERAL TESTING OF ENVIRONMENTAL CHEMICALS FOR EFFECTS ON GROWTH AND DEVELOPMENT ...Animal Pharmacology; Developmental Physiology; Fungicides -nonspecific; Herbicides -nonspecific; Laboratory Animals; Mammals -nonspecific; Toxicology; ...4.0796

CENTER FOR THE STUDY OF THE HUMAN ENVIRONMENT ...Air Pollution; Pesticides -nonspecific; Pesticides -see Pesticide; Physiological Effects; Research Facilities; Water Quality -general; ...4.0805

ENVIRONMENTAL MUTAGENESIS TESTING ...Bioassays; Chemical Mutagenesis; Toxicology; ...4.0854

CENTER FOR ENVIRONMENTAL MANAGEMENT ...Administration and Management; Building Design; Contamination -see Air & Water; Environmental Hazards; Management (water); Pesticide Toxicity -general; Planning; ...4.0950

EFFECT OF ENVIRONMENTAL PARAMETERS ON PESTICIDAL STABILITY ...Degradation; Metabolites From Pesticides; Piperonyl Butoxide; Radiation Sources -general; Toxic Substances; ...4.1007

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Colorado; Miners; Radiation Carcinogenesis; Radiation Sources -general; Radon; Respiratory Irritants, Inhaled; Uranium; ...5.0044

THE METABOLISM OF THE RARE EARTHS FOLLOWING INHALATION - PATHOLOGIC AND BIOCHEMICAL RESPONSE IN THE LUNG AND OTHER ORGANS ...Aerosols; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Thulium; Ytterbium; ...5.0049

BIOLOGICAL RESPONSE TO SMALL, DISCRETE, HIGHLY RADIOACTIVE PARTICLES ...Injury and Shock; Muridae; Radiation, Radiologic Health; Respiratory Irritants, Inhaled; ...5.0052

CHROMOSOME ABERRATIONS IN PERIPHERAL BLOOD LYMPHOCYTES IN AREAS OF HIGHER ATMOSPHERIC CONCENTRATIONS OF NATURAL RADON-222 ...Radiation Effects - Biological; Radiologic Health; Radon; ...5.0058

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -no; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

RADIOCHEMICAL AND RADIOECOLOGICAL STUDIES ON BRAZILIAN AREAS OF HIGH NATURAL RADIATION - CHROMOSOMAL ABERRATIONS SURVEY ...Brazil; Radiation Effects - Biological; Radioactivity Studies -general; Radiologic Health; ...5.0101

NAVY ENVIRONMENT - NONTHERMAL HAZARDS OF EXPOSURE TO RADIOFREQUENCY AND MICROWAVE FIELDS ...Interaction With Matter; Microwave and Radiofrequency; Military Personnel; Mutagenesis -nonspecific; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0216

EXPERIMENTAL ELECTROMAGNETIC RADIATION STUDIES ...Canidae; Electromagnetic Field; Escherichia Coli; Microwave and Radiofrequency; Primates -nonspecific; Radiation Sensitivity - man; ...5.0370

STATISTICAL ANALYSIS OF LONGITUDINAL GROWTH DATA ON ADOLESCENTS EXPOSED IN UTERO TO THE ATOMIC BOMBS, HIROSHIMA & NAGASAKI ...Atomic Bomb; Human Developmental Biology; Nuclear Warfare; Radiation Effects - Biological; ...5.0488

THE BIOLOGICAL EFFECTS OF ENVIRONMENTAL RADIATION ...Mammals -nonspecific; Radiation -see Specifics; Radiation Injury Prevention; Ultra Violet Radiation; ...5.0585

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION ...Cellular Biosynthesis; Injury and Shock; Metabolism & Metab. Diseases; Radiation -see Specifics; Radiation Effects - Biological; Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0688

EFFECTS OF IRRADIATION UPON AIRCREW EQUILIBRIUM ...Aviation Medicine; Nuclear Warfare; Pilots; Radiologic Health; ...5.0698

RADIATION EFFECTS ON CREW-TYPE MULTIPLE TASKS ...Nuclear Warfare; Primates -nonspecific; Radiation Effects - Biological; X and Gamma Rays; ...5.0699

PATHOLOGICAL RESPONSES TO SELECTED AEROSPACE ENVIRONMENTS ...Altitude; Aviation Medicine; Laser Effects - bioeffects; Microorganisms -nonspecific; Radiation Effects - Biological; Toxic Substances; X and Gamma Rays; ...5.0703

PERCEPTION OF IONIZING RADIATION BY SENSORY SYSTEMS ...Biological Rhythms; Radiation, Low Level; Sensory & Perceptual Processes; X and Gamma Rays; ...5.0840

EVALUATION OF THERMOLUMINESCENT DOSIMETERS AS A HEALTH PHYSICS TOOL ...Cancer; Dosimetry; Occupational Hazards; Radiologic Health; X and Gamma Rays; ...5.0846

MECHANISMS OF ENVIRONMENTAL EXPOSURE ...Atomic Plants; Columbia River; Radiologic Health; Washington; Zinc; ...5.0958

CONTROL OF HUMAN EXPOSURE TO ACOUSTIC ENERGY GENERATED BY AIR FORCE ACTIVITIES ...Aviation Medicine; Electronic Control Systems; Noise; Noise Abatement; ...6.0013

STUDY OF THE NOISE PRODUCED BY TRANSPORTATION EQUIPMENT, DEVICES POWERED BY INTERNAL COMBUSTION ENGINES - STUDY OF COMMUNITY NOISE ...Engine; Noise; Sound Attenuation Acoustics; Spark Ignition; ...6.0023

MANAGEMENT AND CONTROL OF URBAN NOISE ...Noise; Urban Environment; Urban Research -general; ...6.0060

BEHAVIORAL TOXICITY OF NOISE IN IMMATURE MICE ...Auditory Stress; Hearing Loss and Deafness; Noise; Psychology; Vibrations, -bioeffects; ...6.0080

STUDY OF THE EFFECT OF NOISE ON HUMANS ...Noise; Vibrations, -bioeffects; ...6.0091

BIOCHEMICAL CORRELATES IN ENVIRONMENTAL STRESS ...Acceleration Effects - Human; Ceboidea; Cellular Biosynthesis; Muridae; Noise; Radiation -see Specifics; Stressors, Physiological; ...6.0108

Environmental Geology

GEOCHEMICAL SURVEY OF THE VEGETATION OF MISSOURI ...Air Pollution; Air Pollution -see Specifics; Bioindicators; Missouri; Roads & Highways -see Highways; Soil Chemical Properties; Soil Minerals -natural; ...1.0331

ECONOMICS OF ENVIRONMENTAL EFFECTS ON SEASONAL HOMES ...Access; Cost-benefit Analysis; Environmental Effects - Human; Landscaping; Methods - Recreation; Recreation; Water Resources; Water Pollution -see Specifics; ...1.0441

FOR SEMINARS AND STUDIES ON ENVIRONMENTAL ARTS AND SCIENCES, POPULATION GROWTH, URBANIZATION, POLLUTION, AND RELATED SUBJECTS ...Air Pollution -see Specifics; Environment; Technology - Social Impact; Urban Research; Water Quality -general; ...1.0478

STUDY OF PETROGRAPHIC AND MINERALOGICAL CHARACTERISTICS OF CARBONATE ROCKS RELATED TO SULFUR OXIDE SORPTION IN FLUE GASES ...Absorption - Chemistry; Carbonates; Microscopy; Power Plants; Trace Element Analysis; ...1.0553

STUDIES PREPARATORY TO GLOBAL ENVIRONMENTAL MONITORING ...Air Pollution Monitoring; Meetings; Monitoring; Water Pollution Abatement; Water Quality -general; ...1.0717

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA ...Argentina; Marine Environments; Radioactivity; ...2.0014

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology; Floods; Geologic Maps; Land Use; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Environment; Urban Research -general; ...2.0064

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Italy; Marine Environments; Radioactivity; ...2.0153

EVALUATION OF SUBSURFACE MOVEMENT OF LEACHATES PRODUCED FROM SANITARY LANDFILLS ...Groundwater; Groundwater Movement; Leaching; Mathematical Models; Missouri; Sanitary Landfills; Water Quality -general; ...3.0238

LOSS OF ORGANIC AND INORGANIC MATERIALS FROM ABOVE-GROUND PLANT PARTS BY LEACHING ...Absorption (incl. Adsorption); Aging; Dew; Fog, Haze, Mist; Nitrogen Metabolism; Radioactive Fallout-cf Fallout; Rain; Translocation; ...3.0268

URBAN GEOLOGY OF HILLSBORO, TEXAS ...Floods; Geologic Maps; Texas; Urban Environment; Urban Research -general; Waste Disposal, Underground; Water Quality -general; ...3.0389

EUTROPHIC EVALUATION OF A SMALL MULTI-LAND USE WATERSHED ...Lake Michigan; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Small Watersheds; Urban Environment; Wisconsin; ...3.0455

STANDARD MONITORING SECTIONS A-6 AND A-7 CRUISE AND AGIST 1970 NERVE GAS DUMP SITE SURVEY ...Atlantic Ocean; Depth; Environmental Hazards; Marine Pollution; Ocean Currents; Salinity; Temperature; ...3.0536

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo.; Chemical Analysis (water); Hydrographs; Land Use; Soil Tillage; Water Quality -general; Water Table; Water Wells; ...3.0570

RELATION OF PHOSPHORUS IN LAKE BOTTOM DEPOSITS AND POLLUTIONAL HISTORY OF MINNESOTA LAKES ...Core Analysis; Lakes; Nutrients; Phosphorus and Phosphorus Cpds; ...3.0645

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research -general; ...3.0811

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Data Reduction and Analysis; Forecasting - Prediction; Groundwater; Land Use; Mans Pollutional Activities, Sewage; Waste Disposal-see Solid Waste; Water Quality -general; ...3.1054

RESPIRATION OF AQUATIC MACROPHYTES IN EUTROPHIC SYSTEMS ...Algae -nonspecific; Aquatic Plants -nonspecific; Eutrophication; Mineral Nutrition; Oxygen Content (water); Primary Productivity - Plants; Water Purification; ...3.1088

PRELIMINARY INVESTIGATION TO EVALUATE DEEP-WELL DISPOSAL POSSIBILITIES IN MOBILE, BALDWIN, AND ESCAMBIA COUNTIES, ALABAMA ...Alabama; Permeability; Porosity, Specific Rock Unit; Urban Environment; Waste Disposal, Underground; Water Wells; ...3.1147

ENVIRONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT ...Aquifers; Erosion; Landfills - see Water Pollution; Recharge (water); Septic Tanks; Surficial Geology Studies; Vermont; Water Table; ...3.1437

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Estuaries; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...3.1569

INTERACTION BETWEEN MARINE ORGANISMS AND OIL POLLUTION ...Animal Migration; Contamination - Water; Marine Biology - General; Petroleum -see Oil; ...3.1584

ENVIRONMENTAL EFFECTS OF COASTAL ZONE POWER GENERATION ...Animal Habitat Studies; Consultants, Advisory Services; Energy Conversion; Environmental Ecology; Federal Government; North Caroline; Power Development; ...3.1664

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Conflicts; Ecological Effects; Electric Power Plants; Nuclear Power; Pollution Effects - see Water; Synoptic Weather Observations; Thermal Pollution; ...3.1755

PALO ALTO, SAN MATEO, AND MONTARA MOUNTAIN 7.5-MIN. QUADRANGLES AND VICINITY, CALIFORNIA ...Borehole Geophysics; Data Acquisition; Rock Mechanics - Geology; Surficial Geology Studies; ...3.1797

GEOLOGY OF URBAN DEVELOPMENT ...Building Design; Land Use; New Mexico; Urban Research -general; ...3.1803

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Storm Water, Waste Disposal-see Solid Waste; Water Supply -general; ...3.1823

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...3.1839

MANAGEMENT ASPECTS OF THERMAL POLLUTION CONTROL ...Biological Effects; Effluents - Waste Water; Electric Power Plants; Energy Conversion; Outlets; Thermal Pollution; ...3.1869

NORTHERN ANTHRACITE FIELD ...Anthracite; Economic Mineral Appraisals; Geologic Maps; Pennsylvanian Period; Structural Analysis - Geology; ...3.0024

ENGINEERING GEOLOGY IN COUNTY PLANNING ...Engineering Geology; Geologic Maps; Maps; Rocks - Bedrock; Urban Research -general; Waste Disposal-see Solid Waste; ...3.0205

PEAT STUDIES ...Maryland; Peat; Pennsylvania; Sediment Lithification; West Virginia; ...3.0365

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Groundwater; Ipazine; Pesticides -see Pesticide; Simazine; Soil Chemical Properties, Triazines -nonspecific.; Xray Diffraction; ...4.0109

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Durshan; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

RESEARCH ON FAULTS AND FAULT ACTIVITY FOR LAND-USE PLANNING ...Environmental Hazards; Faults - Geology; Literature Search; Nuclear Reactors; Planning; Transportation Management; ...5.0015

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Element Ratios; Evolution; Genetic Relationships; Geochemical Investigations; Lead; Petrology; Radiochemical Analysis; Uranium; ...5.0016

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Deltas; Electrical Properties; Marine Biology - General; Marine Environments; Radioactive Isotopes; Temperature; Trace Elements; Xray Diffraction; ...5.0048

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution Effects; Energy Conversion; Environmental Hazards; Occupational Hazards; Radiation Instruments; Radioactive Isotopes; Radiologic Health; ...5.0077

Climate

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Computer Methods -general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure -other; Water Reuse; ...2.0031

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

INVESTIGATION OF LAKE WATER QUALITY IN EASTERN SOUTH DAKOTA WITH REMOTE SENSING TECHNIQUES ...Aircraft Remote Sensing; Geologic Maps; Lakes; Soil Tillage; Water Depth, Water Levels, Water Quality -general; ...2.0798

LIMNOLOGICAL INVESTIGATIONS OF TEXAS IMPOUNDMENTS FOR WATER QUALITY MANAGEMENT PURPOSES ...Chemical Water Properties; Eutrophication; Nutrients; Streams & Rivers; Water Quality -general; Water Supply Augmentation; ...2.0812

Salinity

PRECISION RATIO GAS-SOURCE MASS SPECTROMETER ...Bauxite; Chemical Analysis -general; Geochemical Investigations; Mineralogical Properties; Organic Water Properties; Sedimentary History; Water Quality -general; ...2.0015

Temperature

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Freezing & Below; Low Temp - But Above 32f; Pinus -nonspecific; Radioisotopes; Soil Moisture; Sprinkler Irrigation; Transpiration and Evap; ...2.1001

Environmental Hazards

INTERDISCIPLINARY STUDY OF ENVIRONMENTAL POLLUTION BY LEAD ...Atmospheric Dynamics; Cars; Lead; Water Pollutants - Path of; ...1.0052

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD ...Atmospheric Dynamics; Environment Accumulation Rates; Lead; Mercury; Pesticides -nonspecific; Seismology; Toxicology; Water Pollutants - Path of; ...1.0189

IMMINENT AND SUBSTANTIAL ENDANGERMENT TO HEALTH ...Air Pollution; Air Pollution -see Specifics; Air Pollution Effects; Fluorine; Lead; Nitrogen and Nitrogen Cpds.; ...1.0263

FATE OF HARMFUL METALS IN SOIL AND WATER SYSTEMS ...Absorption (incl. Adsorption); Chemical Effects; Formation Principles; Radioisotopes -nonspecific; Soil Microbiology; Water Pollutant Identification; Water Pollution Sources; ...2.0005

SOIL ENGINEERING RESEARCH ...California; San Francisco Bay; Soil Loads; Tectonics; ...2.0039

ENGINEERING GEOLOGY RECONNAISSANCE STUDIES OF COASTAL COMMUNITIES, ALASKA ...Alaska; Harbors; Marine Geology; Mass Wasting, Geological; Seismology; Tectonics; Waves -see Ocean Waves; ...2.0045

WORKSHOP ON EFFECTS OF ATOMIC RADIATION ON OCEANOGRAPHY ...Marine Environments; Meetings; Radioactive Fallout; Sea Water Chemistry; ...2.0091

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL ...Computer Methods -general; Contamination; Development of Models; Forecasting - Prediction; Land Use; Mathematical Models; Model Studies; Waste Disposal on Soils; Water Quality Control -general; ...2.0343

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Activated Sludge; Groundwater; Landfill; Precipitation; Sanitary Sewage Quantity; Sewage Lagoons; Trickling Filters; ...2.0442

STANDARD MONITORING SECTIONS A-6 AND A-7 CRUISE AND AIGIST 1970 NERVE GAS DUMP SITE SURVEY ...Atlantic Ocean; Depth; Marine Pollution; Ocean Currents; Salinity; Temperature; ...2.0536

ADVANCE WARNING OF GROUND-WATER POLLUTION HAZARDS, WITH SPECIAL REFERENCE TO AQUIFERS IN GLACIAL OUTWASH ...Aquifers; Geophysical Analysis, Groundwater; Stratification (water); Water Pollutant Identification; ...2.0842

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Atomic Plants; Biological Water Properties, Chemical Water Properties; Energy Conversion; Fish; Missouri River; Temperature (water); ...2.1633

ENVIRONMENTAL DECISION-MAKING IN THE LAKE TAHOE BASIN ...Coastlines - Shorelines; Eutrophication; Model Studies; Recreation, Water Resources; Urban Environment; Water Resources Planning; ...2.1790

NATIONAL AND ENVIRONMENTAL HAZARDS, DISORDERS, ENVIRONMENTAL QUALITY ...Drought - Meteorologic; Floods; Glaciology; Recreation, Water Resources; Seismology; Urban Environment; Urban Research -general; Water Pollution Sources; ...2.1799

WORKSHOP ON RESEARCH PROBLEMS IN AIR AND WATER POLLUTION ...Air Pollution Effects, Eutrophication; Meetings, Thermal Pollution; Upper Atmospheric Chemistry, Water Pollution Effects; ...2.1800

GREATER ANCHORAGE AREA BOROUGH, ALASKA ...Aerial Photography -see Photo.; Alaska; Geologic Maps; Reconnaissance Studies; Rocks - Bedrock, Surficial Geology Studies; ...2.1901

THE ENVIRONMENT AND TECHNOLOGICAL ASSESSMENT ...Atomic Plants; Environmental Effects - Human; Filtration; Lake Tahoe, Management (water); Rate of Mutation; ...2.1917

ARCTIC ENGINEERING GEOLOGY (TAPS) ...Alaska; Geology - general; Permafrost - Frozen Soils; Polar Regions; Remote Sensing; ...3.0017

ENVIRONMENTAL SYSTEMS PROGRAM ...Administration and Management; Fiscal Analysis -general; Mathematical Analysis; Political Processes & Systems; Urban Research -general; Waste Disposal-see Solid Waste; ...3.0173

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Paraoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

CENTER FOR ENVIRONMENTAL MANAGEMENT ...Administration and Management; Building Design; Contamination -see Air & Water; Environmental Effects - Human; Management (water); Pesticide Toxicity -general; Planning; ...4.0980

RESEARCH ON FAULTS AND FAULT ACTIVITY FOR LAND-USE PLANNING ...Environmental Geology; Faults - Geology; Literature Search; Nuclear Reactors; Planning; Transportation Management; ...5.0015

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Element Ratios; Environmental Geology; Evolution; Genetic Relationships; Geochemical Investigations; Lead; Petrology; Radiochemical Analysis; Uranium; ...5.0016

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0064

INVESTIGATIONS OF THE BIOLOGICAL EFFECTS OF RADIATION - A MULTI-DISCIPLINE APPROACH ...Dosimetry; Ionizing Radiation -see Rad.; Radiation Effects - Biological; Radioactivity; Ultra Violet Radiation; X and Gamma Rays; ...5.0561

HIGH ALTITUDE RADIATION INSTRUMENT SYSTEM ...Aerospace Studies; Aircraft Remote Sensing; Ionization Chambers, Radiation Detectors; Spectrographic Techniques; ...5.0786

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution Effects; Energy Conversion; Occupational Hazards; Radiation Instruments; Radioactive Isotopes; Radiologic Health; ...5.0877

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Aerosols; Balloons; Electrical Phenomena; Gamma Radiation; Mineral Processing Industry; Radiation -terrestrial; Radioactivity; Uranium; ...5.0879

INTRAMETROPOLITAN RESIDENTIAL MOBILITY ...Air Pollution; California; Floods; Noise, Social Aspects; ...6.0048

Environmental Modification

URBAN CLIMATOLOGY ...Climatography; Microclimates; Minnesota; Precipitation Amount; Rain; Temperature; Urban Research -general; Weather Data; ...1.0067

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Pathological Physiology; Respiration; Toxic Substances; ...1.0333

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

Environmental Physiology

BIOLOGICAL EFFECTS OF GASEOUS IONS ...Air Pollution -see Specifics; Bacteria -nonspecific; Cell Injury and Autolysis; Gases; Growth; Muridae; Protozoa; ...1.0170

PULMONARY EFFECTS OF ENVIRONMENTAL OXIDANT POLLUTANTS ...Cell Injury and Autolysis; Industrial Pollution - general; Muridae; Primates -nonspecific; ...1.0173

THE EFFECTS OF ENVIRONMENTAL POLLUTANTS IN GERMFREE RODENTS ...Air Pollution -see Specifics; Cooperative Studies; Muridae; Ohio; ...1.0206

BIOLOGICAL EFFECTS OF AIR POLLUTANTS ON MAMMALS ...Air Pollution -see Specifics; Humidity; Muridae; Temperature - Air; ...1.0293

STRUCTURES AND EQUIPMENT TO MINIMIZE STRESS ON BEEF CATTLE ...Air Pollution -see Specifics; Dust; Excessive Moisture; Farm Structures & Design; Rain; Wind -see Air Motion; ...1.0309

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Air Pollution -see Specifics; Dust; Gallus Domesticus; Microorganisms - nonspecific; Remote Sensing; Temperature - Air; ...1.0350

EFFECTS OF AUTO EXHAUST ON ROADSIDE MAMMAL POPULATIONS ...Air Pollution -see Specifics; Animal Behavioral Ecology; Cricetidae -other; Population Dynamics -general; ...1.0361

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Air Pollution -see Specifics; Humidity; Solar Light; Wind -see Air Motion; ...1.0374

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination h Water; Energy Conversion; Marine Animals; Pollution Effects -see Water; Radioactivity; Scaenidae; Spawn Or Nesting Sites; ...2.0279

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Bioassays; Contamination - Water; Fish; Reactor Sites & Rad Waste; Temperature (water); ...2.0306

RADIONUCLIDE CYCLING IN NATURAL POPULATIONS OF AMPHIBIANS ...Amphibians; Aquatic Ecology - Animal; Contamination - Water; Iodine; Manganese; Water Cycle; Zinc; ...2.0331

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Contamination - Water; Data Acquisition; Fish; Marine Pollution; Oregon; Pollution Effects -see Water; Salinity (water); Temperature (water); ...2.0338

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Contamination - Water; Cyprinodontidae; Temperature (water); Toxic Substances; Toxicology; Water Pollution -see Specifics; Water Pollution Effects; ...2.0414

POSSIBLE EFFECTS OF CRUDE OIL ON AQUATIC ORGANISMS ...Alaska; Marine Animals; Petroleum Wastes - Spillage; Pollution Effects -see Water; ...2.1477

TO STUDY THE ENVIRONMENTAL FACTORS AFFECTING REPRODUCTION IN OSPREYS OF FLATHEAD LAKE, MONTANA ...Calification -vertebrate; Chemical Analysis; Falconiformes; Montana; Pesticides -nonspecific; ...2.1486

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bullheads; Ecological Effects; Marine Animals; Osteichthyes -other; Population Dynamics -general; Temperature Stress; ...2.1498

EFFECTS OF SODIUM NITRATE AND WATER CONTAMINANTS ON TURKEY PERFORMANCE ...Animal Pharmacology; Contamination - Water; Meliagris; Nutrition; Physiological Effects; Pollution Effects -see Water; Water Utilization -animal; ...2.1513

EFFECTS OF SIMULTANEOUS VARIATIONS OF DIEL CHANGES OF TEMPERATURE, DISSOLVED OXYGEN, SALINITY & A POLLUTANT ON THE GROWTH OF WHITE PERCH ...Contamination - Water; Physiological Effects; Salinity (water); Temperature (water); ...2.1520

THE EFFECTS OF THERMAL LOADING ON THE HAWAIIAN MARINE BIOTA ...Animal Life History Studies; Ecological Effects; Marine Animals; Pollution Effects -see Water; Temperature; Thermal Pollution; ...2.1539

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology, Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Biochemical Analysis - Tissues; Ecological Effects; Energy Conversion; Pollution Effects -see Water; Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1553

DETERMINE THE EFFECT OF ORGANIC WATER POLLUTION AS IT EXISTS IN THE AREA OF DES MOINES, IOWA, ON GROWTH OF THE TURTLE CHRYSEMYS PICTA. ...Contamination - Water; Environmental Ecology, Iowa; Organic Water Properties; Reptiles; ...2.1555

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Captive Rearing; Effluents - Waste Water; Fish; Physiological Effects; Tennessee River; ...2.1560

THE THERMAL REQUIREMENTS AND TOLERANCE OF KEY ESTUARINE ORGANISMS ...Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Salinity (water); Thermal Pollution; ...2.1576

EFFECTS OF SURFACTANTS IN WATER ON BLACKBIRD METABOLISM ...Analysis and Detection; Contamination - Water; Passeriformes; Surfactants -see Detergents; Temperature - Air; ...2.1579

MONITOR FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ON LAKE MICHIGAN ...Aquatic Ecology - Animal; Contamination - Water; Fish; Michigan; Physical Effects; ...2.1595

MONITORING FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ...Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Lake Michigan; Nets; Salmonidae; Thermal Pollution; ...2.1596

CHRONIC EFFECTS OF HEAVY METALS ON FISH ...Animal Pharmacology; Contamination - Water; Lepomis Macrochirus; Percidae; Pollution Effects -see Water; Radioisotopes -nonspecific; Zinc; ...2.1597

EFFECT OF WATER POLLUTANTS AND WATER QUALITY ON EARLY LIFE HISTORY AND POPULATION DYNAMICS OF MINNESOTA FISHES ...Animal Life History Studies; Contamination - Water; Fish Food Organisms; Minnesota; Pollution Effects -see Water; Pulp and Paper Wastes; Temperature (water); ...2.1606

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Ecological Effects; Environment Resistance-animals; Heat Recovery, Industrial; Photosynthesis, Reservoirs and Impoundments; Thermal Pollution; ...2.1619

POLLUTION INVESTIGATIONS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Fish; Law Enforcement; Water Pollution Sources; ...2.1623

EFFECTS OF ENVIRONMENTAL STRESSES ON BEEF CATTLE ...Bos; Mineralogical Water Properties; Muridae; Physiological Effects; Water Utilization -animal; ...2.1636

EFFECTS OF TEMPERATURE ON THE BEHAVIOR OF ADULT ATLANTIC MACKEREL ...Behavior -vertebrate; Biological Rhythms; Marine Animals; Photoperiod; Pomatomidae; Scombridae; Temperature (water); ...2.1637

EFFECTS OF THERMAL AND OTHER FORMS OF POLLUTION ON SOME ANADROMOUS FISHES ...Aquatic Ecology - Animal; Environment Resistance-animals; Fresh Water; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Salinity (water); Thermal Pollution; ...2.1641

PHYSIOLOGICAL ADAPTATION OF TWO SPECIES OF FISHES, FUNDULUS HETEROCLITUS AND SALMO GAIRDNERI, TO ALTERED WATER QUALITY PARAMETERS ...Contamination - Water; Optical Properties of Water; Salinity (water); Salmo Gairdneri, Vertebrate Anatomy; ...2.1647

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTUARINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology - Animal; Embryology -basic; Fish Food Supply -other; Micropterus Salmoides; Temperature (water); Water Pollution Effects; Water Quality -general; ...2.1649

EFFECT OF INCREASED TEMPERATURE ON CELL PROLIFERATION KINETICS OF THE GOLDFISH ...Carassius Auratus; Temperature (water); ...2.1654

TEMPERATURE AND LENGTH OF LIFE IN THE ANNUAL FISH, NOTHOBRANCHIUS GUENTHERI ...Osteichthyes -other; Temperature (water); Temperature & Humidity Effects; ...2.1655

FISH OPERCULAR RESPONSE TO ENVIRONMENTAL VARIABLES ...Animal Life History Studies; Aquatic Ecology - Animal; Carassius Auratus; Minnows; Temperature (water); Water Quality -general; ...2.1668

TOXICITY OF SELECTED METALS TO CONDITIONED FISH ...Animal Behavioral Ecology; Behavior -vertebrate; Environmental Ecology; Fish; Pesticide Action on Animals; Pollution Effects - see Water; ...2.1669

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Data Reduction and Analysis; Environmental Ecology; Eutrophication; Lake Erie; Plankton; Spawning & Nesting Sites; Stizostedion Vitreum Vitreum; Water Temperature Recorders; ...2.1672

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Copepoda; Environmental Ecology; Fish; Marine Animals; Mollusca; Population Dynamics - general; Salinity (water); Thermal Properties; ...2.1693

PHARMACOLOGY OF METAL POISONING IN ESTUARINE FISHES ...Animal Pharmacology; Contamination - Water; Mineralogical Water Properties; Pollution Effects -see Water; ...2.1700

COMPARATIVE TOXICITIES OF METALS TO ESTUARINE FISHES ...Aluminum; Bioassays; Cyprinodontidae; Industrial Wastes; Marine Animals; Toxic Substances; ...2.1701

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies; Atomic Plants; Effluents - Waste Water; Invertebrate Physiology; Nuclear Reactors; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1708

EVALUATION OF FACTORS AFFECTING SPAWNING OF DALE HOLLOW WHITE BASS ...Aquatic Ecology - Animal; Mining Industry; Pollution Effects -see Water; Spawn Or Nesting Sites; Temperature (water); ...2.1714

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

AGING AND IMMUNE COMPETENCE-EFFECT OF ENVIRONMENT ON IMMUNE COMPETENCE ...Air Pollution -see Specifics; Contamination - Water; Immunology; Muridae; Pseudomonas; Salmonella -nonspecific & -ot.; ...2.1722

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

HEAVY METALS AND LOCOMOTION IN FISH ...Behavior -vertebrate; Data Processing Services; Fish; Mineralogical Water Properties; Zinc; ...2.1730

EFFECTS OF SELECTED POLLUTANTS ON CERTAIN GAME AND ROUGH FISH ...Contamination - Water; Industrial Wastes; Pollution Effects -see Water; Water Quality Control -general; ...2.1732

TOXICANTS AND THE EKG AND RESPIRATION OF FISH ...Contamination - Water; Fish; Industrial Wastes; Physiological Effects; Water Pollutant Identification; ...2.1745

FINE STRUCTURAL EFFECTS OF TEMPERATURE IN FISH ...Cellular Biosynthesis; Salmonidae; Temperature (water); ...2.1753

FISH BEHAVIOR AND PHYSIOLOGY ...Animal Migration; Behavior -vertebrate; Engineering Structures-general; Fish & Shellfish Biology; Motivation and Instinct; Pollution Effects -see Water; Sensory & Perceptual Processes; Thermal Pollution; ...2.1761

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties -general; ...2.1763

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Acid Mine Drainage; Aquatic Ecology - Animal; Bullheads; Environment Resistance-animals; Fish Food Supply -other; Management (water); Pollution Effects -see Water; Water Resources Planning; ...2.1771

PHYSIOLOGICAL EFFECTS OF SUBLETHAL LEVELS OF ACID WATER ON FISH ...Acidity (water); Bullheads; Contamination - Water; Fish & Shellfish Biology; Physiological Effects; Water Pollution Abatement; ...2.1773

PHYSIOLOGICAL RESPONSES TO THERMAL POLLUTION ...Contamination - Water; Cyprinus Carpio; Energy Conversion; Physiological Effects; Temperature (water); Thermal Pollution; Urine; ...2.1782

PHYSIOLOGICAL AND BIOCHEMICAL TECHNIQUES TO ASSESS THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF CHEMICAL WATER POLLUTION ON FISH ...Contamination - Water; Fish; Mercury; Physiological Effects; Pollution Effects -see Water; Water Pollutant Identification; ...2.1783

PHYSIOLOGICAL EFFECTS OF THERMAL POLLUTION ON TROUT ...Contamination - Water; Physiological Effects; Salmonidae; Temperature (water); Thermal Pollution; ...2.1784

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Farm Structures & Design; Heat Exchange; Maps - general; Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Sus; Wind -see Air Motion; ...3.0069

INFLUENCE OF ENVIRONMENT ON PERFORMANCE OF HENS ...Costs -see Economics Entries; Farm Animal Wastes; Farm Structures & Design; Gallus Domesticus; Space Requirements; ...3.0317

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Aquatic Plants -nonspecific; Carbon; Endrin; Fish; Pesticide Action on Animals; Soil Types -also See Specifics; ...4.0532

RELATIONSHIPS BETWEEN SUB-LETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ...Behavior - vertebrate; Cyprinodontidae; DDT -see Pesticides; Fish; Laboratory Animals; Pesticide Evaluation; Pesticides -nonspecific; Psychology; ...4.0598

FIELD STUDIES OF PESTICIDE EFFECTS ON FISHES ...Animal Productivity, Bioassay; Methoxychlor; Pesticide Action on Animals; Physiological Effects; ...4.0662

PESTICIDE-WILDLIFE RELATIONSHIPS - REPRODUCTION, GROWTH, AND PHYSIOLOGY OF DEER FED DIELDRIN CONTAMINATED DIETS ...Deer -nonspecific; Dieldrin -see Pesticides; Laboratory Animals; Pesticide Formulation; Pesticide Tolerance Rate; Tissue Accumulation Rates; ...4.0744

WILDLIFE PATHOLOGY RESEARCH ...Air Pollution -see Specifics; Pathology; Pesticides -nonspecific; ...4.0908

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

EFFECTS OF IRRADIATION, TEMPERATURE AND OTHER ENVIRONMENTAL FACTORS ON SALMONID EMBRYOS ...Embryology -basic; Optical Properties of Water; Radiation Effects - Biological; Temperature (water); X and Gamma Rays; ...5.0763

EFFECTS OF SONIC BOOM ON MINK ...Behavior -vertebrate; Mustelidae; Noise; ...6.0095

Environmental Requirements

Space Requirements

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries; Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; ...2.1652

DECOMPOSITION AND DISPERSION OF EXCRETA FROM LAYING HENS AND TURKEYS ...Farm Animal Wastes; Gallus Domesticus; Microorganisms -nonspecific; Soil Organic Content; ...3.0009

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Biochemical Oxygen Demand; Environment Resistance-animals; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage Lagoons; Taste & Odor of Water; ...3.0132

LITTERLESS HIGH-DENSITY BROILER PRODUCTION SYSTEM ...Farm Animal Wastes; Gallus Domesticus; Poultry Industry; ...3.0158

EFFECT OF PHYSICAL ENVIRONMENT UPON MANAGEMENT PRACTICES ...Humidity; Melliagris; Temperature - Air; Wind -see Air Motion; ...3.0193

EVALUATION OF MEAT ANIMAL HOUSING SYSTEMS IN RELATION TO POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Dust; Farm Structures & Design; Groundwater; Wind -see Air Motion; ...3.0209

CATTLE FEEDLOT PEN DESIGN ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sludge; Water Quality Control -general; ...3.0273

MANAGEMENT PRACTICES AFFECTING SWINE PRODUCTION ...Animal Pharmacology; Farm Animal Wastes; Injury - animal; Temperature - Air; ...3.0280

ENVIRONMENT AND MANAGEMENT OF LAYING HENS ...Farm Animal Wastes; Gallus Domesticus; ...3.0285

AGRICULTURAL WASTES - POULTRY MANURE DISPOSAL AND USE ...Economic Feasibility; Gallus Domesticus; Microorganisms -nonspecific; Phaseolus; Soil pH; Vegetables; ...3.0297

INFLUENCE OF ENVIRONMENT ON PERFORMANCE OF HENS ...Costs -see Economics Entries; Environmental Physiology; Farm Animal Wastes; Farm Structures & Design; Gallus Domesticus; ...3.0317

COMMUNITY CAGE HOUSING OF LAYING CHICKENS ...Behavior -vertebrate; Farm Structures & Design; Injury -animal; Wind -see Air Motion; ...3.0337

THE INFLUENCES OF ENVIRONMENTAL CONDITIONS ON THE TOXICITY OF PESTICIDES ...Aquatic Ecology - Animal; Bioassays; Fish; Pesticides -nonspecific; Pollution Effects -see Water; Water Pollution Effects; ...4.0708

Equipment Design

OPERATOR COMFORT, HEALTH AND SAFETY IN MOBILE AGRICULTURAL OPERATIONS ...Agricultural Studies -general, Automobiles; ...6.0038

Erosion

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Elevation Levels, Altitude; Forest Watersheds; Mineralogical Water Properties; Oligotrophic Lakes; Optical Properties of Water; Recreation, Water Resources; Temperature Or Heat Budgets; Turbidity (water); ...2.0032

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHERN CALIFORNIA ...Bed Load; Channels; Gully Or Channel Erosion; Sediment Yield; Stream Banks; Streams; ...2.0037

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Rate of Deposition; Sediment Transport; Sedimentation; Streams; Survey Studies (water); ...2.0061

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Fertilizers; Freezing & Below; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Disturbance; Iowa; Location; Methods; Sediment Yield; Sediments; Soil Chemical Properties; ...2.0145

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Formation Principles; Infiltration; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types -also See Specifics; Tillage, Cropping Systems; ...2.0147

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; Water Depth, Water Levels; ...2.0205

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

WATER RESOURCES IN SOURDOUGH AND MIDDLE CREEK WATERSHEDS - A COMPARATIVE STUDY OF QUALITY AND HYDROLOGY ...Acidity (water); Montana; Sedimentation; Suspension; Water Quality Control -general; Watersheds; ...2.0230

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Forecasting - Prediction; Leaching; Model Studies; Nitrogen and Nitrogen Cpds.; Rain; Soil Moisture; Temperature - Air; ...2.0250

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Bed Load; Conservation -see Soil Conser.; Gully Or Channel Erosion; New Mexico; Sediment Yield; Semi - Arid Regions; Streams; ...2.0255

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

STRIP-MINING AND WATER QUALITY ...Acidity (water); Chemical Analysis (water); Coal; Mine Wastes; Rainfall Simulators; Spoil Banks; Thermal Poll. -see Water Poll.; ...2.0309

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Oregon; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Soil Chemical Properties; Surface Active-other; Water Pollutants - Path of; ...2.0330

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

WISCONSIN RIVER ICE STUDIES ...Channels; Glaciology; Water Pollution Effects; Wisconsin; ...2.0457

EFFECTS OF SOUTH SHORE DRAINAGE BASINS AND CLAY EROSION ON THE PHYSICAL AND CHEMICAL LIMNOLOGY OF WESTERN LAKE SUPERIOR. ...Chemical Analysis (water); Clay Soils; Facies; Lake Superior; Pleistocene Epoch; Water Quality -general; ...2.0459

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering -geologic; ...2.0566

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

ESTABLISHING GUIDES FOR COORDINATING URBAN PLANNING AND THE DESIGN, ENGINEERING, AND CONSTRUCTION OF URBAN STORM RUN-OFF SYSTEMS ...Floodplains; Rainfall - Runoff Relationship; Urban Environment; Urban Planning; Water Pollution Abatement; Water Resources Planning; ...2.1130

ENVIRONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT ...Aquifers; Landfills -see Water Pollution; Recharge (water); Septic Tanks; Surficial Geology Studies; Vermont; Water Table; ...2.1437

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTH MISSISSIPPI ...Benefit-cost Analysis; Economic Impact; Land Use; Mississippi; Sediments; Water Resources Planning; Watersheds; ...2.1861

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Industrial Wastes; Irrigation; Legal Studies; Sanitary Landfills; State Government; Water Quality -general; Water Rights; Water Utilization -domestic; ...2.1862

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Easements - Right of Ways; Land Use; Pennsylvania; Storm Water; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1906

A NEW LOOK AT THE OCEAN RECREATION MARKET ...Coastlines - Shorelines; Environment; Ocean Waves -see Waves; Recreation, Water Resources; Shoreline Structures; Types of Resources; Water Resources Planning; ...2.1924

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Gramineae -other; Leguminosae; Mine Wastes; Soil Chemical Properties; Soil Fertility; Soil Moisture; Water Pollution Sources; ...3.0029

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Structure -other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

STABILIZATION OF PLANT TAILINGS ...Mine Wastes; Mineral Processing Industry; Soil Cover Crops; Wind Erosion; ...3.0327

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; Water Quality -general; ...4.0192

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Animal Wastes - Feed Lots; Economic Efficiency; Environment; Livestock -nonspecific; Optimization, Economic; Pesticides -nonspecific; Sediments; Welfare Economics; ...4.1013

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

Beach Or Bank Erosion

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

Gully Or Channel Erosion

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHERN CALIFORNIA ...Bed Load; Channels; Sediment Yield; Stream Banks; Streams; ...2.0037

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Bed Load; Conservation -see Soil Conser.; Erosion; New Mexico; Sediment Yield; Semi - Arid Regions; Streams; ...2.0255

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

Sheet Erosion

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

Wind Erosion

STABILIZATION OF PLANT TAILINGS ...Erosion; Mine Wastes; Mineral Processing Industry; Soil Cover Crops; ...3.0327

Estuaries

ENTERIC VIRUS SURVIVAL IN ESTUARINE WATERS ...Food Contamination; Safety - Recreation; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; Water Pollution - see Specifics; ...2.0002

THE INFLUENCE OF DECOMPOSING SALMON ON WATER CHEMISTRY ...Alaska; Chemical Water Properties; Food Processing Industries; Nitrogen and Nitrogen Cpds.; Nutrients; Physiological Effects; Water Pollutants - Path of; ...2.0010

DISTRIBUTION OF ORGANICS FROM SALMON DECOMPOSITION ...Alaska; Carbon; Chemical Effects; Nitrogen; Organic Matter; Water Pollutants - Path of; ...2.0011

DOMESTIC WASTE DISCHARGE INTO A SILT LADEN ESTUARY ...Alaska; Chemical Water Properties; Data Reduction and Analysis; Forecasting - Prediction; Silting (water) -see Sediment; Sub - Polar Regions; Water Pollution Sources; ...2.0012

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources; Fish; Marine Animals; Marine Environments; Organics; Radioactivity; Trace Elements; Zinc; ...2.0028

WATER QUALITY AND NUTRIENTS, SACRAMENTO-SAN JOAQUIN RIVER SYSTEM ...Animal Productivity; California; Eutrophication; Fish; Nutrients; Organic Water Properties; Plankton; Tides; ...2.0041

DISPERSION OF HEAT IN STRATIFIED FLOW ...Dispersion (water); Electric Power Plants; Energy Conversion; Fluid Mechanics; Heat Flow (water); Thermal Pollution; ...2.0042

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Channel Roughness, Currents (water); Fluid Mechanics; Forecasting - Prediction; Rate of Deposition; Sedimentation; Solid Waste; Turbidity (water); ...2.0101

PRIMARY PRODUCTION AND DECOMPOSITION IN ESTUARINE WATER ...Algae - Phaeophyta; Algal Physiology; Carbon; Cellular Catabolism-see Degrad; Marine Plants; Organic Properties; ...2.0102

VIRAL CONTAMINATION ...Marine Animals; Ostreidae (oyster); Pollution Effects -see Water; Viral Pollutant Sources; ...2.0104

TOXAPHENE CONTAMINATION - ESTUARINE ECOLOGY ...Aquatic Ecology - Animal; Georgia; Pesticides -see Pesticide; Toxaphene; ...2.0116

AREAL DISTRIBUTION AND PROVENANCE OF SEDIMENTS IN ST. GEORGE RIVER, KNOX COUNTY, MAINE ...Core Analysis; Drilling and Coring; Maine; Mineral Analysis; Sediment Provenance Studies; Sediments; Size; ...2.0168

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Urban Research -general; ...2.0180

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; .. 2.0189

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Biological Effects; Cooperative Studies; Invertebrates -nonspecific; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Size, Texture; ...2.0210

STUDIES ON INORGANIC NUTRIENT ASSIMILATION RATES IN ESTUARINE PONDS ...Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Ponds; ...2.0212

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

KINETICS OF MICROBIOLOGICALLY MEDIATED TRANSFORMATIONS OF HEAVY METALS IN AQUATIC ENVIRONMENTS ...Acidity (water); Lakes; Mathematical Models; Mercury; Zinc; ...2.0261

EUTROPHICATION TIDAL WATERS ...Algal Physiology; Brackish Water; Marine Plants; New York; Optical Properties of Water; Tidewater Areas; ...2.0262

ENVIRONMENTAL BIOLOGY - BIOGEOCHEMICAL CYCLING IN ECOLOGICAL SYSTEMS ...Aquatic Ecology - Animal; Eutrophication; Lysimeters; Pesticide Aquatic Cycling; Water Pollutants - Path of; ...2.0277

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Gases; Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Fish; Iron; Marine Animals; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

SEDIMENT MINERALOGY ...Adsorption Capacity; Animal Productivity; Contamination - Water; Environmental Ecology; Marine Biology - General; Mineralogy; Ponds; Vertical Distribution; Zinc; ...2.0284

FATE OF POLLUTANTS IN ESTUARIES AND MARINE BAYS ...Bays; Coastlines - Shorelines; Forecasting - Prediction; Turbidity (water); Water Pollutants - Path of; Water Pollution Effects; ...2.0285

SOURCE, FATE AND EFFECT OF NUTRIENTS ADDED TO NORTH CAROLINA ESTUARIES ...Industrial Wastes; Nutrients; Water Pollutants - Path of; Water Pollution Sources; ...2.0290

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Algal Physiology; Eutrophication; Marine Plants; North Carolina; Phosphorus and Phosphorus Cpds; Phytoplankton; Water Pollutant Identification; ...2.0291

PHOSPHATE MINING EFFLUENT IN ESTUARINE ECOLOGY ...Amphibious Plants; Contamination - Water; Ecological Effects; Mining Industry; Phosphorus and Phosphorus Cpds; Pollution Effects -see Water; Toxic Minerals; ...2.0292

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Fresh Water; Marine Animals; Marine Environments; Marine Photography-Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

THE MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Absorbed Load; Chemical Water Properties; Washington; Water Pollution Sources; ...2.0339

DELAWARE ESTUARY SEDIMENTATION STUDY ...Adsorption Capacity; Location; Rate of Deposition; Sand Bars; Sediment Yield; Shoreline Geomorphology; Streams; Supply Rate; ...2.0342

SELECTED URBAN STORM WATER RUNOFF ABSTRACTS ...Catalogs, Tables, Compilations; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0344

EVALUATION OF ENGINEERING PROJECTS AND ESTUARINE DATA (ESTUARINE PROGRAM) ...Animal Habitat Studies; Construction Sites; Fish; Gulf of Mexico; Water Quality Control -general; ...2.0383

ECOLOGY OF WESTERN GULF ESTUARIES ...Animal Habitat Studies; Animal Productivity; Dredging; Management (water), Marine Biology - General; Physical Effects; ...2.0384

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE ...Aircraft Remote Sensing; Chesapeake Bay; Fluorometry; Monolayers; Petroleum Wastes - Spillage; Water Pollutants - Path of; Wind; ...2.0411

COLUMBIA RIVER SEDIMENT STUDIES ...Adsorption Capacity; Nuclear Geochemistry; Sediments; Water Pollution Sources; ...2.0416

LEAD IN AQUATIC ENVIRONMENTS ...Air Pollution; Industrial Wastes; Lead; Ocean Mixing; Puget Sound; Seasonal Studies; Water Cycle; Water Standards & Baselines; ...2.0425

AREA DESCRIPTIONS OF ALABAMA'S ESTUARIES ...Alabama; Benthic Organisms -nonspecific; Data Reduction and Analysis; Effluents - Waste Water; Physical Water Properties; ...2.0462

VIROLOGICAL METHODS RESEARCH IN WATERS ...Food Contamination; Safety - Recreation; Viral Pollutant Sources; Water Pollution -see Specifics; ...2.0463

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological Water Properties; Construction Land Use Effects; Environmental Ecology; Geological Exploration; Lakes; Marine Biology - General; Sea Ice; Water Standards & Baselines; ...2.0470

STRUCTURE & MOTIONS - ATLANTIC ...Gulf of Mexico; Marine Environments, Marine Pollution; Ocean Currents; Ocean Hydrodynamics; Sea Water Chemistry; Ships and Cruises; Temperature; Water Movement -general; ...2.0509

AN ECOLOGICAL STUDY OF THE LOWER HOUSATONIC RIVER - PHASE I - SURVEY OF THE CHEMICAL ASPECTS OF THE RIVER ...Alkalinity (water); Chemical Water Properties; Connecticut; Ecological Effects; Optical Properties of Water; Survey Studies (water); Zinc; ...2.0523

VIBRIO PARAHAEMOLYTICUS IN CHESAPEAKE BAY - ISOLATION, INCIDENCE AND PATHOGENICITY ...Animal Interrelationships -gen; Bacterial Pollutant Sources; Chesapeake Bay; Muridae; Swamps - Marshes; ...2.0532

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

HYDROLOGY, USDI ...Automatic Data Aquisition; Data Networks; Glaciology; Man Machine Systems; Remote Sensing; Soil Tillage; Water Quality -general; ...2.0539

ENZYME SYSTEMS OF ESTUARINE ORGANISMS ...Bioassay; Contamination - Water; Fish; Invertebrate Physiology; Organophosphorous Cpds.; Pesticides -see Pesticide; Wildlife Toxicity; ...2.0546

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology -nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Geology -general; River Basins; Soil Tillage; Water Depth, Water Levels; Water Table; Wind; ...2.0558

DISSOLVED OXYGEN AND OXYGEN DEMAND IN A SALT MARSH BORDERED ESTUARY ...Biological Water Properties; Computer Models; Georgia; Physical Water Properties; Tidewater Areas; ...2.0559

SEDIMENTOLOGY OF LOUISIANA'S ESTUARIES ...Aquatic Soils; Chemical Properties; Drilling and Coring; Louisiana; Nitrogen and Nitrogen Cpds.; Sedimentation; Size; ...2.0604

HYDROGRAPHY OF THE PENOBSCOT RIVER ESTUARY ...Density; Dissolved Load; Environmental Changes; Maine; Salinity (water); Soil Tillage; Water Pollution Abatement; ...2.0607

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition; Carbon; Destratification; Forecasting - Prediction; Lakes; Mathematical Models; Primary Productivity - Plants; Rate Meters; ...2.0612

TECHNOLOGICAL ASSESSMENT OF REMOTE SENSING ...Aircraft Remote Sensing; Chemical Water Properties; Management (water); Ponds; Water Pollutant Identification; ...2.0632

ENVIRONMENTAL REQUIREMENTS OF SELECTED ESTUARINE CILIATED PROTOZOA ...Marine Environments; New Hampshire; Swamps - Marshes; Water Pollutant Identification; ...2.0668

POPULATION STUDIES OF MARINE AMPHIPOD CRUSTACEANS ...Amphipoda; Aquatic Ecology - Animal; Marine Animals; Vertical Distribution; ...2.0669

CONFERENCE ON POLLUTION OF ESTUARIES ...Mans Pollutional Activities; Meetings; Water Quality -general; Water Quality Control -general; ...2.0672

SPECIAL TEMPERATURE SURVEY OF RIVER AND ESTUARINE AREAS IN RELATION TO THERMAL POLLUTION AND FISHERY PROBLEMS ...Cooperative Studies; Energy Conversion; Infrared Radiation; Temperature (water); Thermal Pollution; ...2.0673

TIDAL DISCHARGE RESEARCH, NEW JERSEY ...Data Acquisition; New Jersey; Suspension; Water Quality -general; ...2.0682

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR ESTUARY POLLUTION CONTROL ...Aeration (water); Boundary Layer Studies; Organic Matter; Tidewater Areas; Water Quality Control -general; ...2.0694

RIVER ESTUARY POLLUTION CONTROL STUDIES WITH RADIOISOTOPES ...Aeration (water); Dispersion (water); Dyes; Marine and Hydrology; Radioisotopes; ...2.0695

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

THE RELATION OF ESTUARINE ALGAE TO WATER QUALITY ...Algae -nonspecific; Aquatic Distribution; North Carolina; Plankton Sampling; Range Or Territorial Distr.; ...2.0709

TIDAL FLATS IN ESTUARINE WATER QUALITY ...Mathematical Models; Tidewater Areas; Water Quality -general; ...2.0739

AIR PHOTO ANALYSIS OF OCEAN OUTFALL DISPERSION ...Aerial Photography -see Photo.; Currents (water); Industrial Wastes; Lake; Marine Environments, Sewage; Surveying; ...2.0741

STUDY OF AN UNSPOILED ESTUARY ...Bays; Management (water); Tides; Water Quality -general; Water Supply Development; ...2.0745

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Data Reduction and Analysis; Mathematical Models; Radioactivity; Streams; Tides; Water Pollution Sources; ...2.0749

BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL ...Aerobic Bacteria; Bacterial Pollutant Sources; Delaware Bay; Forecasting - Prediction; Recreation, Water Resources; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0756

CRITERIA FOR RECOGNITION OF ESTUARINE WATER POLLUTION BY AERIAL REMOTE SENSING ...Aerial Photography -see Photo.; Electromagnetic Radiation; Photography; Surveying; Water Pollutant Identification; ...2.0770

SENSITIVITY OF BENTHIC MICROFLORA TO POLLUTION GRADIENTS ...Atomic Plants; Carbon; Energy Conversion; Marine Plants; Rhode Island; Water Pollutant Identification; Water Standards & Baselines; ...2.0773

THE GAUZE PAD METHOD FOR THE ISOLATION OF VIRUSES FROM INLAND AND ESTUARINE WATERS ...Bacterial Pollutant Sources; Coliforms -nonspecific; Streptococcus Fecalis; Water Pollutant Identification; ...2.0774

QUANTITATIVE RECOVERY OF PSEUDOMONAS AERUGINOSA FROM POTABLE AND RECREATIONAL WATERS ...Bacterial Pollutant Sources; Bacterial Population Surveys; Potable Water; Pseudomonas Aeruginosa; Recreation, Water Resources; Water Pollutant Identification; ...2.0784

USE OF MARINE PLANKTONIC ORGANISMS FOR EVALUATING THE QUALITY OF MARINE AND ESTUARINE WATERS ...Animal Life History Studies; Bioassays; Phytoplankton; Water Pollutant Identification; Water Quality -general; ...2.0790

RADIONUCLIDES IN SAVANNAH RIVER ESTUARY AND COASTAL WATERS ...Atlantic Ocean; Circulation (water); Marine Geology; Radioactivity; South Carolina; Water Pollution Sources; ...2.0792

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Coastlines - Shorelines; Economic Geology -general; Infrared Radiation; Legal Studies-general; Navigation; Tides; Tidewater Areas; Water Quality - general; ...2.0795

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Analysis and Detection; Element Ratios; Fluid Mechanics; Gulf of Mexico; Lakes; Organic Matter; Tracers; Water Pollution Sources; ...2.0823

WATER POLLUTION ...Mathematical Models; Stochastic Models; Stochastic Processes; Water Quality -general; ...2.0831

DETECTION OF PATHOGENS IN WATER ...Bacteria -nonspecific; Bacterial Population Surveys; Escherichia Coli; Fresh Water; Streptococcus Fecalis; Water Pollutant Identification; ...2.0835

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Adsorption; Electrochemistry; Filtration; Pilot Plants; Precipitation; Safety - Recreation; Viruses - Animal; Water Pollution -see Specifics; ...2.0836

DEVELOPMENT OF AN IN SITU MARINE BIOASSAY WITH CLAMS ...Bioassays; Captive Rearing; Contamination - Water; Invertebrate Physiology; Monitoring; ...2.0839

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Animal Life History Studies; Bays; Contamination - Water; Engineering Structures-general; Fish and Shellfish; Physiological Effects; Water Quality -general; ...2.0846

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants; Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

MIXING PROCESSES IN ESTUARIES ...Dispersion (water); Flume Studies; Forecasting - Prediction; Heat Transmission, Physical Models; Stratification (water); Water Pollutants - Path of; ...2.0964

SAN FRANCISCO BAY ...Bathymetry; California; Marine Biology - General; Marine Pollution; San Francisco Bay; Sea Water Properties; Sedimentary History; Water Quality -general; ...2.0970

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EFFLUENT PRIOR TO A MAJOR FLOW INCREASE ...Arthropods; Biological Water Properties; Chemical Water Properties; Recreation, Water Resources; Secondary Treatment; Sewage Treatment Plant; Water Pollutant Identification; ...2.0987

DISSIPATION AND DIFFUSION OF HEAT IN STREAMS AND LAKES ...Energy Conversion; Fluid Mechanics; Heat Flow (water); Lakes; Thermal Pollution; ...2.0993

AEROBIC, HETEROTROPIC BACTERIA IN ESTUARIES ...Adenosine Triphosphate; Anaerobic Bacteria; Bacterial Identification; Degradation -see Pesticide Deg; Heterotrophic Bacteria; Marine Plants; Organic Matter; ...2.0995

SYMPOSIUM PRESENTATION OF RESEARCH FINDINGS ON THE REAERATION CAPACITY OF STREAMS AND ESTUARIES ...Aeration (water); Isotope Tracer -see Tracers; Mass Transfer; Radioisotopes; Water Chemistry; Water Pollution Abatement; ...2.0999

ESTUARINE HYDROGRAPHY AND ITS ROLE IN TRANSPORT OF NATURALLY PRODUCED FOODS AND POLLUTANTS Effluents - Waste Water; Forecasting - Prediction; Nutrients; Water Movement -general; Water Quality -general; ...2.1000

RESTORATION DYNAMICS FOR ESTUARIES ...Maine; Marine Environments; Rehabilitation -streams -lakes; Tidewater Areas; ...2.1030

NAVY ENVIRONMENT--TURBULENT DIFFUSION AND EXCHANGE PROCESSES IN ESTUARINE, COASTAL AND OCEAN WATERS ..Forecasting - Prediction Marine Environments; Ocean Turbulence; Radioactivity; Radiotracers -see Tracers; ...2.1034

NUTRIENT ASSIMILATION RATES - FIELD STUDIES ...Channels; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Ponds; ...2.1052

COMPUTE SIMULATION OF DIFFUSION STUDIES ...Computer Models; Differential Equations; Fluid Mechanics; Mathematical Analysis; Monte Carlo Methods; Water Quality -general; ...2.1066

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity; Cellular Catabolism-see Degrad; Microorganisms -nonspecific; Plankton; Plant Productivity -general; Ponds; Primary Productivity - Plants; Water Pollution Sources; ...2.1069

CONCENTRATION OF PHOSPHATES FROM INDUSTRIAL WASTES BY BLUE-GREEN ALGAE ...Algae - Cyanophyta; Algal Physiology; Marine Plants; Waste Water Treatment - general; ...2.1073

ESTUARINE DIFFUSION OF POLLUTANTS ...Bays; Fluid Mechanics; Fresh Water; Oregon; Stratification (water); ...2.1085

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Absorbed Load; Channels; Chemical Water Properties; Mineralogical Properties; Streams; Tides; Water Pollutants - Path of; ...2.1086

RELATION OF PASS OPENINGS ON PHYSICAL EXCHANGE AND SALINITY IN ESTUARIES ...Saline Water Intrusion; Salinity (water), Shoreline Structures; Texas; Water Resources Planning; ...2.1106

HORIZONTAL DISPERSION IN SHALLOW ESTUARIES OF IRREGULAR SHAPE ...Circulation (water); Development of Models; Dispersion (water); Gulf of Mexico; Model Studies; Ocean Circulation -general; Water Quality -general; ...2.1107

UNSTEADY FLOW AND SALINE INTRUSION IN ESTUARIES ...Channels; Development of Models; Digital Computer Applications; Fluid Mechanics; Mathematical Models; Model Studies; Saline Water Intrusion; ...2.1116

UTILIZATION OF PHYSICAL AND MATHEMATICAL MODELS IN ESTUARINE WATER RESOURCES RESEARCH AND MANAGEMENT ...Analog Computer Applications; Dispersion (water); Management (water); Mathematical Models; Tides; ...2.1122

FRESH-SALT WATER IN ESTUARIES SEDIMENTATION PROCESSES ...Marine Environments; Physical Models; Rate of Deposition; Suspension; Tides; Turbidity (water); Virginia; ...2.1123

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality - general; ...2.1129

ENTERIC VIRUS SURVIVAL IN AQUEOUS ENVIRONMENTS ...Food Contamination; Potable Water; Recreation, Water Resources; Safety - Recreation; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.1145

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...2.1331

DEEPWATER PILOT PLANT ENGINEERING AND INTERCEPTOR FEASIBILITY STUDY ...Biochemical Oxygen Demand; Delaware Bay; Dye Wastes; Industrial Wastes; New Jersey; Pilot Plants; Waste Treatment Economics; ..2.1340

MANAGEMENT OF INDUSTRIAL WASTE DISCHARGES IN COMPLEX ESTUARINE SYSTEMS ...Data Acquisition; Industrial Wastes; Management (water); Model Studies Salinity (water); Texas; Water Standards & Baselines, ...2.1425

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

THE BIOLOGY OF THE INFAUNA OF A TROPICAL SOFT BOTTOM AREA ...Annelida; Bays; Echinodermata; Marine Environments; Tropical Regions; ...2.1530

INVESTIGATION OF THE EFFECTS OF COMMERCIAL HYDRAULIC CLAM DREDGING ON VARIOUS BOTTOM HABITATS OF SELECTED ESTUARINE AREAS ...Animal Habitat Studies; Benthic Organisms -nonspecific; Clams; Environmental Ecology; Mans Pollutional Activities; Sediments; ...2.1533

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal; Chemical Water Properties; Georgia; Invertebrates -nonspecific; Physical Water Properties; Pulp and Paper Wastes; Turbidity (water); ...2.1537

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Atomic Plants; Embryology -basic; Invertebrate Physiology; Marine Animals; Population Dynamics -general; Temperature (water); ...2.1567

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ..Aquatic Ecology - Animal; Benthic Fauna; Energy Conversion; Fish & Shellfish Biology; Maine; Physical Water Properties; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1568

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES .. Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

AN ENVIRONMENTAL SURVEY OF THE DAMARISCOTTA RIVER ESTUARY, LINCOLN COUNTY, MAINE ...Bottom Sampling; Core Analysis; Maine; Salinity (water); Sewage; ...2.1570

COOLING WATER DISCHARGE PROJECT (RP-49) ...Biological Water Properties; Ecological Effects; Lakes; Synoptic Weather Observations; ...2.1572

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics - gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1575

THE THERMAL REQUIREMENTS AND TOLERANCE OF KEY ESTUARINE ORGANISMS ...Electric Power Plants; Environmental Ecology; Invertebrate Physiology; Salinity (water); Thermal Pollution; ...2.1576

BIOGEOCHEMISTRY OF ESTUARINE ECOSYSTEM WITH EMPHASIS ON HEAVY METALS AND SHELLFISH ...Chemical Analysis (water); Contamination - Water; Geochemical Analysis (water); Organic Matter; Physiological Effects; ...2.1578

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

WATER AND SEDIMENT, SUPPLY AND ACCUMULATION IN THE ESTUARY, ST. LOUIS BAY, MISSISSIPPI ...Bays; Marine Biology - General; Mississippi; Recreation, Water Resources; River Basins; Sediment Yield; Sediments; ...2.1608

THE EFFECT OF SALINITY ON THE OXIDATION OF HYDROCARBONS IN ESTUARINE ENVIRONMENTS ...Biodegradation-see Degradation; Cellular Physiology- Env. Eff.; Oil Removal; Petroleum Wastes - Spillage; Salinity (water); Size; ...2.1611

TEMPERATURE REGIMEN IN TIDAL WATERS ...Aquatic Ecology - Animal; Biological Effects; Ecological Effects; Model Studies; Tides; Water Purification; ...2.1644

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants, Thermal Pollution; Zooplankton; ...2.1656

A COMPARATIVE STUDY OF THE RESPONSES OF THE AQUATIC WEEDS, ZANNICHELLIA PALUSTRIS & RUPPIA MARITIMA, TO DIFFERENT TEMPERATURES AND SALINITIES ...Amphibious Plants; Forecasting - Prediction; Marine Plants; Potamogetonaceae; Temperature (water); Water Pollution Effects; ...2.1659

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

MARINE FISHERIES - ESTUARINE ALGAL COMMUNITIES ...Animal Interrelationships -gen; Commercial Fishing; Marine Plants; Plant Productivity -general; Salinity (water); Training Grants, Fellowships; Water Standards & Baselines; ...2.1682

PHYSICAL FACTORS AFFECTING OREGON COASTAL POLLUTION ...Circulation (water); Density; Marine Environments; Oregon; Tides; ...2.1683

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

CHARACTERISTICS OF ORGANIC SUBSTANCES IN TIDAL MARSHES AND BENTHIC ENVIRONMENTS ...Ecological Effects; Marine Environments; Organic Matter; Organic Properties; Swamps - Marshes; Tidewater Areas; ...2.1696

PHARMACOLOGY OF METAL POISONING IN ESTUARINE FISHES ...Animal Pharmacology; Contamination - Water; Environmental Physiology; Mineralogical Water Properties; Pollution Effects -see Water; ...2.1700

COMPARATIVE TOXICITIES OF METALS TO ESTUARINE FISHES ...Aluminum; Bioassays; Cyprinodontidae; Environmental Physiology; Industrial Wastes; Marine Animals; Toxic Substances; ...2.1701

EFFECT OF NITRILOTRIACETIC ACID (NTA) UPON THE TOXICITY OF METALS TO SELECTED SPECIES OF ESTUARINE PHYTOPLANKTON ...Carbon; Chelation & Complexing; Industrial Wastes; Marine Plants; Metabolism of Algacides; Physiological Effects; Phytoplankton; ...2.1702

EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON ...Algal Physiology; Bioassays; Cellular Physiology- Env. Eff.; Contamination - Water; Petroleum Wastes - Spillage; Phytoplankton; Zooplankton; ...2.1703

BOTTOM SLUDGE ACCUMULATION AND OXYGEN DEMAND IN A POLLUTED ESTUARY ...Aquatic Soils; Environment; Texas; ...2.1729

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; Tracers; ...2.1731

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

A MATHEMATICAL ANAYSIS OF THERMAL POLLUTION OF LAKES AND ESTUARIES ...Atomic Plants; Environmental Aspects; Lakes; Thermal Pollution; Water Pollution Effects; ...2.1739

FISH BEHAVIOR AND PHYSIOLOGY ...Animal Migration; Behavior -vertebrate; Engineering Structures-general; Environmental Physiology; Fish & Shellfish Biology; Motivation and Instinct; Pollution Effects -see Water; Sensory & Perceptual Processes; Thermal Pollution; ...2.1761

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ...Animal Productivity; Clams; Contamination - Water; Electric Power Plants; Environment Resistance-animals; Fish and Shellfish; Heat Recovery, Industrial; Ostreidae (oyster); Temperature (water); ...2.1762

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties -general; ...2.1763

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Industrial Wastes; Sewage Testing; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal; Bays; Florida; Social Aspects; Urban Environment; Urban Planning; Urban Research -general; Water Quality -general; Water Resources Planning; ...2.1809

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Florida; Legal Studies; Mississippi; Recreation, Water Resources; South Carolina; State Government; Water Pollution Sources; ...2.1815

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

THE ECONOMICS OF WATER SUPPLY AND QUALITY ...Benefit-cost Analysis; River Basins; Water Pollution Abatement; Water Resources Planning; ...2.1847

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

DELAWARE ESTUARY AND BAY WATER QUALITY SAMPLING AND MATHEMATICAL MODELING PROJECT ...Bays; Delaware Bay; Mathematical Models; Water Quality -general; Water Standards & Baselines; ...2.1873

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING

...Benefit-cost Analysis; Demand and Use -recreation; Fishing; Recreation, Outdoor; Recreation, Water Resources; Survey - Recreation; Urban Environment; User Expenditures; ...2.1877

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; General Recreation Studies; Long Island Sound; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Resources Planning; ...2.1880

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Recreation, Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization -domestic; ...2.1881

INSTITUTIONAL SEA GRANT SUPPORT ...Acipenseridae; Dredging; Legal Review; Marine Animals; North Carolina; Serranidae; Water Resources Development; ...2.1686

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Delaware River; Effluents - Waste Water; Industrial Wastes; Sedimentation; Waste Disposal-see Solid Waste; Water Resources Development; Water Utilization -general; ...2.1903

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Effluents - Waste Water; Industrial Wastes; Management (water); Potomac River; Systems Analysis - Water Mgmt; Water Costs; Water Quality Control -general; ...2.1905

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Benefit-cost Analysis; Demand and Use -recreation; Land Use; Oceanography - general; Rhode Island; Survey Studies (water); Water Quality Control -general; ...2.1911

A STOCHASTIC MODEL FOR POLLUTION IN ESTUARIES ...Management (water); Mathematical Models; Stochastic Processes; Water Quality Control -general; ...2.1925

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Generators; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics - general; ...4.0021

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

PESTICIDE KINETICS ...Bottom Sampling; Degradation; Environment Accumulation Rates; Marine Biology - General; Pesticide Residues; Pesticides -see Pesticide; Tidewater Areas; Water Standards & Baselines; ...4.0024

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Fish; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Aquatic Ecology - Animal; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticide Tolerance Rate; Pesticides -nonspecific; Physiological Effects; ...4.0542

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Animal Resistance; Bioassay; Hippolyte; Marine Animals; Pesticides -nonspecific; San Francisco Bay; ...4.0543

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Contamination - Water; Laboratory Animals; Pesticide Interaction With Env; Pesticides -nonspecific; Physiological Effects; Water Quality - general; ...4.0544

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Bioassay; Methoxychlor; Nutrition, Pesticide Action on Animals; Pesticide Application Rates; ...4.0545

EXPERIMENTAL ENVIRONMENTS ...Animal Habitat Studies; Marine Animals; Pesticide Toxicity in Animals; Protozoa; ...4.0590

PHYSIOLOGY OF ESTUARINE ORGANISMS ...Carbon; Hippolyte; Invertebrate Physiology; Marine Animals; Pesticides -see Pesticide; ...4.0591

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Fish; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Laboratory Animals; Parathion; Physiological Effects; Spawn Or Nesting Sites; ...4.0653

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ...Captive Rearing; DDT; Heptachlor; Massachusetts; Pesticides - see Pesticide; Pleuronectidae; Spawning -see Fish & Shellfish; ...4.0654

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Marine Animals; Pesticide Action on Animals; Pesticide Toxicity in Animals; Physical Models; Pollution Effects -see Water; Sevin; ...4.0825

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

CHEMICAL ANALYSES ...Chemical Analysis (water); Contamination - Water; Invertebrate Physiology; Metabolism of Algacides; Pesticide in Food Chains; Pollution Effects -see Water; ...4.1015

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Burial; Cooperative Studies; Ecological Effects; Marine Biology - General; Marine Environments; Radioactive Fallout; Water Pollution Sources; ...5.0059

ENVIRONMENTAL INTERACTIONS ...Algae -nonspecific; Animal Succession; Dose Rate, Dose Fractionation; Invertebrate Physiology; Invertebrates; Salinity (water); X and Gamma Rays; ...5.0540

Eutrophication

DYNAMICS OF THE NITROGEN CYCLE IN LAKES ...Algal Physiology; Analysis and Detection; Denitrification -see Nitrogen; Hydrogen; Nitrogen and Nitrogen Cpds.; Nitrogen Cycle -see Denitrif.; Plant Productivity -general; Sub - Polar Regions; ...2.0009

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Fish Food Organisms; Lake Stages; Pathology; Plankton; Reservoirs and Impoundments; ...2.0021

A STUDY OF PHYTOPLANKTON DYNAMICS IN LAKE FAYETTEVILLE AS A MEANS OF ASSESSING WATER QUALITY ...Algae -nonspecific; Biological Water Properties; Lake Stages; Physical Water Properties; Primary Productivity - Plants; ...2.0022

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Elevation Levels, Altitude; Erosion; Forest Watersheds; Mineralogical Water Properties; Oligotrophic Lakes; Optical Properties of Water; Recreation, Water Resources; Temperature Or Heat Budgets; Turbidity (water); ...2.0032

EUTROPHICATION OF SURFACE WATERS - LAKE TAHOE ...Effluents - Waste Water; Eutrophic Lakes; Lake Tahoe; Nutrients; Rainfall - Runoff Relationship; Waste Water Treatment -general; ...2.0034

WATER QUALITY AND NUTRIENTS, SACRAMENTO-SAN JOAQUIN RIVER SYSTEM ...Animal Productivity; California; Fish; Nutrients; Organic Water Properties; Plankton; Tides; ...2.0041

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Baseflow; Forecasting - Prediction; Model Studies; Reservoirs and Impoundments; Rural Areas; Soil Chemical Properties; Waste Disposal on Soils; Water Table; ...2.0046

THE ROLE OF SLUDGE WORMS IN PROMOTING EUTROPHICATION ...Animal Productivity; Bays; Invertebrate Physiology; Lakes; Sewage; Water Bacteria; ...2.0057

EUTROPHICATION OF PONDS IN SOME NEW MEXICO LAVA BEDS ...New Mexico; Petrology; Plant Productivity -general; Ponds; Primary Productivity - Plants; ...2.0059

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; Water Quality -general; ...2.0098

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

EUTROPHICATION FACTORS IN NORTH CENTRAL FLORIDA LAKES ...Eutrophic Lakes; Florida; Mathematical Models; Nutrients; Sub - Tropic Regions; Systems Analysis - Water Mgmt; ...2.0103

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Indiana; Lakes; Organic Properties; Synoptic Weather Observations; Temperature - Air; Vertical Distribution; Water Stratification; ...2.0137

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Analysis (water); Environmental Influences; Iowa; Nutrients; Water Pollutant Identification; Water Standards & Baselines; ...2.0143

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Water Properties; Eutrophic Lakes; Iowa; Oxygen Content (water); Water Pollutants - Path of; Water Quality Control -general; ...2.0144

LIMNOLOGICAL FACTORS AFFECTING PESTICIDE RESIDUES IN SURFACE WATERS ...Agricultural Runoff; Chemical Water Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reservoirs and Impoundments; ...2.0150

THE RELATIONSHIP BETWEEN ALGAL GROWTH AND THE AVAILABILITY OF CARBON ...Algae -nonspecific; Algal Physiology; Carbon; Environmental Influences, Primary Productivity - Plants; Water Quality Control -general; ...2.0161

WATER QUALITY DEGRADATION BY SEPTIC TANK DRAINAGE ...Degradation -see Pesticide Deg; Maine; Phosphorus and Phosphorus Cpds; Septic Tanks; Water Quality Control -general; ...2.0165

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control -general; ...2.0166

PHOSPHATE RETENTION BY LAKE SEDIMENTS AS A FACTOR IN THE EUTROPHICATION OF LAKES ...Chemical Properties; Effluents - Waste Water; Geochemical Analysis (water); Land Use; Water Chemistry; ...2.0167

MICROBIAL INTERVENTION IN THE EUTROPHICATION PROCESS ...Algae -nonspecific; Aquatic Soils; Deposits; Mineralogical Water Properties; Organic Properties; Plant Food Chains; ...2.0177

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

EUTROPHICATION STUDIES IN BOSTON HARBOR ...Algae - Chlorophyta; Harbors; Massachusetts; Water Pollutant Identification; ...2.0179

BENTHAL DEPOSITS EFFECTS ON THE QUALITY OF NATURAL WATERS ...Marine Environments; Nutrients; Organic Matter; ...2.0182

A COHERENT-AREA STUDY OF SOUTHERN LAKE MICHIGAN ...Eutrophic Lakes; Lake Michigan; Mans Pollutional Activities; Sedimentation; Water Pollutant Identification; Weather Modification; ...2.0191

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

EUTROPHICATION - REMOVAL OF NUTRIENTS - SHAGAWA LAKE ...Algal Pollutant Sources; Denitrification -see Nitrogen; Minnesota; Pilot Plants; Trickling Filters; Water Standards & Baselines; ...2.0203

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Erosion; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; Water Depth, Water Levels; ...2.0205

DEVELOPMENT OF A MATHEMATICAL MODEL TO PREDICT THE ROLE OF SURFACE RUNOFF AND GROUND WATER FLOW IN OVERFERTILIZATION OF SURFACE WATERS ...Agricultural Runoff; Groundwater; Mathematical Models; Minnesota; Phosphorus and Phosphorus Cpds; Water Balance - Budget; ...2.0206

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

HEAVY METAL ION INTERACTION AND TRANSPORT WITH SYNTHETIC COMPLEXING AGENTS AND DETERGENT PHOSPHATE SUBSTITUTES IN AQUATIC SYSTEMS ...Biodegradation-see Degradation; Chelation & Complexing; Detergents -see Surfactants; Environmental Influences; Leaching; Surfactants -see Detergents; ...2.0221

AN INVESTIGATION OF THE EXTENT AND CAUSE OF EUTROPHICATION OF CANYON FERRY RESERVOIR, MONTANA ...Algae - Cyanophyta; Missouri River; Nutrients; Reservoirs and Impoundments; Zooplankton; ...2.0232

INVESTIGATION OF THE EUTROPHICATION PROCESS OF LAKE MCCONAUGHY, WESTERN NEBRASKA ...Lakes; Literature Search; Nebraska; Nutrients; Survey Studies (water); Water Properties -general; ...2.0236

EUTROPHICATION OF SMALL RESERVOIRS IN THE GREAT PLAINS ...Algae -nonspecific; Chemical Water Properties; Flood Control Reservoirs; Great Plains Province; Nebraska; Physical Water Properties; Temporal Distribution; ...2.0238

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

AN INVESTIGATION OF APHANIZOMENON FLOS-AQUAE, A TOXIC BY-PRODUCT OF EUTROPHICATION ...Algae - Cyanophyta; Algal Toxins; Aquatic Ecology - Animal; Plant Toxins; ...2.0246

CANADARAGO LAKE EUTROPHICATION STUDY ...Agricultural Runoff; Biological Water Properties; Data Acquisition; New York; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Soil Tillage; Urban Runoff; ...2.0256

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Algal Physiology; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Phytoplankton; Temperature (water); ...2.0263

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological Effects; Microorganisms -nonspecific; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus -nonspecific; ...2.0264

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Cladocera; New York; Percidae; Plankton Sampling; Primary Productivity - Plants; Zooplankton; ...2.0265

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Algae -nonspecific; Aquatic Soils; Ecological Effects; Hydrocharitaceae; Phytoplankton; Plant Succession; Potamogetonaceae; ...2.0266

EUTROPHICATION AS A PROBLEM IN THE FINGER LAKES ...Acidity (water); Chlorophyll; New York; Oxygen Content (water); Transparency; Water Properties -general; ...2.0267

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Coastal Engineering -general; Eutrophic Lakes; General Recreation Studies; New York; Plant Productivity -general; Turbidity (water); Waves -see Ocean Waves; ...2.0271

ENVIRONMENTAL BIOLOGY - BIOGEOCHEMICAL CYCLING IN ECOLOGICAL SYSTEMS ...Aquatic Ecology - Animal; Estuaries; Lysimeters; Pesticide Aquatic Cycling; Water Pollutants - Path of; ...2.0277

WATER QUALITY MANAGEMENT OF IMPOUNDMENTS ...Aeration (water); Destratification; Engineering Structures-general; Lakes; Management (water); North Carolina; Reservoirs and Impoundments; ...2.0287

SOURCE, FATE AND EFFECT OF NUTRIENTS ADDED TO NORTH CAROLINA ESTUARIES ...Estuaries; Industrial Wastes; Nutrients; Water Pollutants - Path of; Water Pollution Sources; ...2.0290

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Algal Physiology; Estuaries; Marine Plants; North Carolina; Phosphorus and Phosphorus Cpds; Phytoplankton; Water Pollutant Identification; ...2.0291

ROLE OF FUNGI & ALGAE IN FORMATION AND HYDROLYSIS OF LAKE ERIE SEDIMENTS ...Algae - Cyanophyta; Aquatic Fungi -nonspecific; Biological Cycles; Cellular Catabolism-see Degrad; Lake Erie; Sediment Lithification; ...2.0301

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Carbon; Cellular Catabolism-see Degrad; Eutrophic Lakes; Kinetics; Water Bacteria; ...2.0323

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Bacterial Ecology; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Lake Deposits; Oregon; Water Bacteria; ...2.0324

THE AUTECOLOGY OF SOME BLUE-GREEN PLANKTON ALGAE ...Algae - Cyanophyta; Algal Physiology; Algal Pollutant Sources; Environmental Influences; Lower Plants; Primary Productivity - Plants; ...2.0325

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

EUTROPHICATION - BIOLOGICAL CONTROL USING GRAZERS ...Algae -nonspecific; Biological Control; Cultural Control; Literature Search; Plant Pollutants; Water Quality Control -general; ...2.0333

EUROPHICATION - PHYSICAL ECOLOGICAL CONTROL ...Algae -nonspecific; Chemical Water Properties; Cultural Control; Environmental Influences; Physical Water Properties; Stratification (water); Water Quality Control -general; ...2.0334

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Chemical Properties; Geochemical Analysis (water); Mineralogical Water Properties; Nutrients; Organic Properties; Soil Chemical Properties; Water Bacteria; ...2.0336

EUTROPHICATION - EFFECT OF WEED HARVESTING ...Aquatic Plants -nonspecific; Cultural Control; Nutrients; Water Quality Control -general; ...2.0338

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality - general; ...2.0349

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Animal Productivity; Chemical Water Properties; Fish; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Primary Productivity - Plants; Zooplankton; ...2.0363

A STUDY TO EVALUATE THE EFFECT OF SILT AND SILT REMOVAL IN A NORTHERN PRAIRIE LAKE ...Aquatic Soils; Mineralogical Water Properties; Nutrients; Sediments; Silting (water) -see Sediment; Water Pollution Sources; ...2.0364

CHANGES IN WATER QUALITY PARAMETERS OF RESERVOIRS DURING REGULATED FLOW CONDITIONS ...Acidity (water); Chemical Analysis (water); Organic Matter; Tennessee; Water Bacteria; Water Quality -general; ...2.0369

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Copepoda; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Puget Sound; Tides; Wind; ...2.0423

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algae -nonspecific; Algal Physiology; Environmental Influences; Lake Stages; Physical Control; Stratification (water); Washington; Water Supply Augmentation; ...2.0429

PLANT-AVAILABLE PHOSPHORUS STATUS OF LAKES ...Algae -nonspecific; Chemical Analysis (water); Deposits; Microorganisms -nonspecific; Phosphorus; Phosphorus and Phosphorus Cpds; ...2.0436

ROLE OF PHOSPHORUS-SEDIMENT INTERACTIONS IN EUTROPHICATION ...Chemical Properties; Lake Deposits; Mineralogical Properties; Phosphorus and Phosphorus Cpds; ...2.0437

METABOLISM OF FIXED NITROGEN BY PLANTS AND BACTERIA ...Algae - Cyanophyta; Azotobacter; Clostridia; Kinetics; ...2.0439

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS ...Biological Water Properties; Circulation (water); Fish Food Organisms; Nutrients; Phytoplankton; Water Bacteria; Wisconsin; ...2.0443

A SYSTEMS ANALYSIS OF WATER AND NUTRIENT FLOWS IN THE LAKE WINGRA BASIN ...Computer Models; Mathematical Analysis; Nutrients; Simulation Theory; Systems Analysis; Water Cycle; ...2.0444

NITROGEN TRANSFORMATIONS IN LAKE SEDIMENTS ...Aquatic Soils; Eutrophic Lakes; Lake Deposits; Nitrogen and Nitrogen Cpds.; Nutrients; ...2.0445

ROLE OF SULFATE AND MANGANESE OXIDES ON THE RELEASE OF PHOSPHORUS FROM LAKE SEDIMENTS ...Chemical Properties; Lake Deposits; Leaching; Phosphorus and Phosphorus Cpds; Water Chemistry; ...2.0447

EUTROPHICATION - N CYCLE - NITRIFICATION AND DENITRIFICATION ...Algae -nonspecific; Bacterial Identification; Lemnaceae; Survey Studies (water); Wisconsin; ...2.0449

EUTROPHICATION OF NATURAL WATERS ...Biological Water Properties; Eutrophic Lakes; Forecasting - Prediction; Physical Water Properties; Water Quality Control -general; ...2.0451

EUTROPHIC EVALUATION OF A SMALL MULTI-LAND USE WATERSHED ...Environmental Geology; Lake Michigan; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Small Watersheds; Urban Environment; Wisconsin; ...2.0455

SEDIMENTARY FACIES IN LAKE BUTTE DES MORTS, WISCONSIN ...Depth (water); Drilling and Coring; Mineralogical Properties; Organic Properties; Size; Wisconsin; ...2.0458

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Sampling; Types of Resources; Urban Research -general; Water Pollution Sources; ...2.0479

PROVISIONAL ALGAL ASSAY PROCEDURES ...Algae -nonspecific; Bioassays; Primary Productivity - Plants; Water Pollutant Identification; ...2.0487

WATER QUALITY ASSESSMENT AND POLLUTION CONTROL ...Biological Water Properties; Data Networks; Groundwater; Irrigation; Physical Water Properties; Sewage; Water Pollution Abatement; ...2.0510

REMOTE SENSING, EVERGLADES AREA, FLORIDA ...Aircraft Remote Sensing; Florida; Plankton; Population Dynamics - general; Spectral Reflectance; Visible Light; ...2.0550

A PRELIMINARY INVESTIGATION OF THE ROLE OF SEDIMENTS IN EUTROPHICATION ...Chemical Water Properties; Isotope Tracer -see Tracers, Mechanism Determination; Phosphorus and Phosphorus Cpds; Sediments; ...2.0578

REMOTE SENSING OF WATER QUALITY IN THE MARINE ENVIRONMENT ...Aerial Photography -see Photo.; Electronic Detection, Tracking; Infra Red Photography; Marine Environments; Marine Pollution; Thermal Properties; ...2.0615

NUTRIENT ENRICHMENT AND EUTROPHICATION OF LAKE MICHIGAN ...Algal Physiology; Eutrophic Lakes; Mineralogical Water Properties; Phytoplankton; Water Pollution Sources; ...2.0627

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Algae -nonspecific; Bioassays; Chemical Analysis (water); Fertilizers -aquatic; Nutrients; Ponds; Water Pollutant Identification; ...2.0636

PHYTOPLANKTONIC NITROGEN AS AN INDEX OF CULTURAL EUTROPHICATION ...Algal Physiology; Eutrophic Lakes; Model Studies; Nitrogen and Nitrogen Cpds.; Phytoplankton; Water Pollutant Identification; ...2.0637

ZOOPLANKTON BIOMASS AND INCIPIENT EUTROPHICATION IN LAKE SUPERIOR ...Animal Productivity; Eutrophic Lakes; Plankton Sampling; Taxonomy -animal; Water Quality - general; ...2.0642

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Channels; Drainage; Fish; Pesticide Residues; Pesticides -see Pesticide; Reservoirs and Impoundments; Turbidity (water); ...2.0653

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

EVALUATION OF SOME ENVIRONMENTAL CONDITIONS CAUSING ALGAL BLOOMS ...Algae - Chrysophyta-cf Diatoms; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; ...2.0686

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Land Use; New York; Plants - Dicotyledons; Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties - general; Water Standards & Baselines; ...2.0701

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Aquatic Ecology - Animal; Eutrophic Lakes; Ohio; Plant Habitat Studies; Reservoirs and Impoundments; Survey Studies (water); Vertical Distribution; ...2.0729

A SYSTEMATIC AND ECOLOGICAL SURVEY OF THE ZOOPLANKTON AND PHYTOPLANKTON OF NORTHEASTERN OHIO GLACIAL LAKES ...Biological Water Properties; Ecological Effects; Glaciology; Nutrients; Physical Water Properties; ...2.0730

DETECTION OF NUTRIENT LIMITATIONS OF ALGAL GROWTH IN SURFACE WATERS ...Algae -nonspecific; Algal Physiology; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; ...2.0765

LIMNOLOGICAL INVESTIGATIONS OF TEXAS IMPOUNDMENTS FOR WATER QUALITY MANAGEMENT PURPOSES ...Chemical Water Properties; Nutrients; Streams & Rivers; Water Quality -general; Water Supply Augmentation; ...2.0812

BOTTOM FAUNA COMPOSITION STUDIES ...Aquatic Ecology - Animal; Benthic Fauna; Micropterus Dolomieui; Physical Control; Taxonomy -animal; Virginia; ...2.0833

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; Sewage; ...2.0848

EVALUATION OF THE PROVISIONAL ALGAL ASSAY PROCEDURE ...Algae -nonspecific; Algal Physiology; Bioassays; Waste Water Treatment -general; ...2.0865

EFFECTS OF ENVIRONMENTAL CHANGES ON BLUE-GREEN ALGAE ...Algae - Cyanophyta; Algal Physiology; Cellular Metabolism - Controls; Chemical Mutagenesis; Water Quality Control -general; ...2.0912

LIMNOLOGY--NUTRIENT-BIOTIC RELATIONSHIPS IN THE UPLAKE REGION OF BEAVER RESERVOIR ...Animal Productivity; Benthic Organisms -nonspecific; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plankton; Reservoirs and Impoundments; Water Properties -general; ...2.0961

INDUCED AIR MIXING OF LARGE BODIES OF POLLUTED WATER ...Acidity (water); Density; Industrial Wastes; Mathematical Models; Reservoirs and Impoundments; ...2.1031

DETERMINATION OF THE FEASIBILITY OF REMOVAL OF ALGAL NUTRIENTS IN LAKE WATERS BY ION-EXCHANGE ...Acidity (water); Circulation (water); Ion Exchange; Massachusetts; Nutrients; Water Chemistry; ...2.1040

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Aquifers; Cultural Control; Landfill; Nutrients; Sanitary Landfills; Waste Disposal-see Solid Waste; ...2.1047

PHYTOPLANKTON NUTRITION AND PHOTOSYNTHESIS IN EUTROPHIC LAKES ...Algal Physiology; Eutrophic Lakes; Monitoring; Phytoplankton; Sewage; ...2.1050

RESPIRATION OF AQUATIC MACROPHYTES IN EUTROPHIC SYSTEMS ...Algae -nonspecific; Aquatic Plants -nonspecific; Mineral Nutrition; Oxygen Content (water); Primary Productivity - Plants; Water Purification; ...2.1088

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLL ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

SYSTEM ANALYSIS OF EUTROPHICATION CONTROL BY FLUSHING ...Eutrophic Lakes; Nutrients; Primary Productivity - Plants; Recreation; Water Resources; Systems Analysis - Water Mgmt; ...2.1128

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animals; Creel Census; Environmental Ecology; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

IMPROVING SURFACE WATER CONDITIONS THROUGH CONTROL AND DISPOSAL OF AQUATIC VEGETATION ...Economic Efficiency; Pest Control Measures; Plant Pollutants; Water Quality Control -general; Wisconsin; ...2.1135

EFFECT OF PHOSPHORUS REMOVAL PROCESSES ON ALGAL GROWTH ...Algae -nonspecific; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Waste Water Treatment -general; Water Resources Protection; ...2.1177

REMOVAL OF ORGANIC AND EUTROPHYING POLLUTANTS BY COMBINED CHEMICAL AND BIOLOGICAL TREATMENT ...Biological Treatment-general; Chemical Treatment - general; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Organics; Sewage - Domestic; Waste Management -see Specific; ...2.1268

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Adsorption; Algal Physiology; Colloidal Phenomena; Gases; Microorganisms - nonspecific; Phosphorus and Phosphorus Cpds; Sewage Bacteria; Waste Water Treatment -general; ...2.1463

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Amaranthaceae, Effluent-standards, Hydrocharitaceae, Nitrogen and Nitrogen Cpds.; Physiography - general; Pontederiaceae; Sewage; ...2.1467

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

EFFECTS OF WATER DIVERSION ON BIOTA AND WATER QUALITY IN THE STATE OF ARKANSAS ...Animal Productivity; Aquatic Ecology - Animal; Chemical Water Properties; Physical Water Properties; Population Dynamics -general; Vertebrate Anatomy; ...2.1482

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots; Arkansas; Chemical Analysis (water); Ecological Effects; Eutrophic Lakes; Mineralogical Water Properties; Nutrients;

Plankton Sampling; Population Dynamics -general; Zooplankton; ...2.1483

LIGHT EXTINCTION IN LAKE WATERS ...Canada; Lakes; Optical Properties of Water; ...2.1983

COHERENT AREA RESEARCH PROGRAM IN ECOLOGY ...Animal Behavioral Ecology; Animal Succession; Invertebrate Physiology; Poeciliid; ...2.1518

PHOSPHATE EXCHANGE WITH SEDIMENTS ...Analysis and Detection; Chemical Water Properties; Sedimentation; Water Quality Control -general; ...2.1583

POLLUTION AND THE ECOLOGY OF NEAR-SHORE PERIPHYTON OF LAKE SUPERIOR ...Cellular Physiology- Env. Eff.; Contamination - Water; Environmental Influences; Nutrients; ...2.1899

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae, Fertilizers -aquatic, Hydrocharitaceae; Nitrogen and Nitrogen Cpds., Nutrients; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Potamogetonaceae; ...2.1650

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries, Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Data Reduction and Analysis; Environmental Ecology; Lake Erie; Plankton- Spawning & Nesting Sites; Stizostedion Vitreum Vitreum; Water Temperature Recorders; ...2.1672

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Estuaries, Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

ECOLOGICAL PARAMETERS OF THE DEVELOPMENT AND FEEDING HABITS OF SIMULIUM SPP. (BLACK FLIES) ...Animal Pollutant Sources; Aquatic Ecology - Animal; Ecological Effects; Fish; Organic Matter; Water Quality -general; ...2.1692

BIOLOGICAL NITROGEN FIXATION IN LAKES, PHASE II ...Algae - Cyanophyta; Eutrophic Lakes; Hydrogenation; Nitrogen Metabolism; Water Utilization -plant; ...2.1779

ENVIRONMENTAL DECISION-MAKING IN THE LAKE TAHOE BASIN ...Coastlines - Shorelines; Environmental Hazards; Model Studies; Recreation, Water Resources; Urban Environment; Water Resources Planning; ...2.1790

WORKSHOP ON RESEARCH PROBLEMS IN AIR AND WATER POLLUTION ...Air Pollution Effects, Meetings, Thermal Pollution; Upper Atmospheric Chemistry; Water Pollution Effects; ...2.1800

A STUDY OF LEGAL AND ADMINISTRATIVE PRACTICES RELATING TO LAKE POLLUTION IN THE NORTHEAST ...Connecticut; Federal Government; Legal Review; Legislation - Zoning; Northeast U. S., State Government; ...2.1806

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation, Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

MATHEMATICAL AND COMPUTER SERVICES FOR THE ANALYSIS OF DATA AND DESIGN OF EXPERIMENTS FOR CERTAIN FWQA PROGRAMS ...Coastlines - Shorelines; Electric Power Plants, Facilities; Marine Environments; Pulp and Paper Wastes; ...2.1897

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Demand and Use -recreation; Economic Efficiency; Oregon; Recreation, Water Resources; Types of Resources; Water Quality Control -general; ...2.1898

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Florida; Lagoons; Pipe; Sanitary Sewage Quantity; Sewage - Domestic; Sub - Tropic Regions; Water Pollution Abatement; ...3.0109

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS ...Algae -nonspecific; Chlorination; Effluents - Waste Water; Pseudomonas; Sewage; Sewage Lagoons; Water Pollution - see Specifics; Zooplankton; ...3.0366

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; Water Quality - general; ...4.0192

Evaporation

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality -general; Water Table - Depth of; ...2.0096

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types - also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Eutrophication; Indiana; Lakes; Organic Properties; Synoptic Weather Observations; Temperature - Air; Vertical Distribution; Water Stratification; ...2.0137

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Montana; Oxygen Content (water); Phytoplankton; Productivity of Freshwater; Stratification (water); Wyoming; ...2.0233

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp. - non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

BRINE DISPOSAL DESIGN METHODOLOGY FOR ADVANCED WASTE TREATMENT ...Brines; Ponds; Sewage Lagoons; Waste Disposal-see Solid Waste; Waste Water Treatment -general; ...2.1341

WATER POLLUTION REDUCTION THROUGH RECOVERY OF DESIZING WASTES ...Biochemical Oxygen Demand; Effluents - Waste Water; Industrial Wastes; Textile Industry; Waste Material Recovery; ...2.1388

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Industrial Wastes; Organic Matter; Seepage (water); Sewage Lagoons; Waste Management -see Specific; Water Pollutants - Path of; Water Quality -general; ...2.1560

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

TREATMENT AND DISPOSAL OF LOW-LEVEL SLUDGES BY SOLAR EVAPORATION ...Dewatering; Disposal; Process Design; Waste Treatment Economics; ...3.0151

Flash Evaporation

INDUSTRIAL COMPLEX OF AL KHARJ ...Cooling Towers; Demineralization; Ion Exchange; Waste Management -see Specific; ...2.1230

Evapotranspiration

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Lakes; Management (water); Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Urban Environment, Water Balance - Budget; ...2.0108

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Biological Water Properties; Chemical Water Properties; Chlorine; Drainage; Fertilizers; Irrigation; Mineralogical Water Properties; Soil Chemical Properties; Temperature (water); Water Quality -general; ...2.0120

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Groundwater; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp. -non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels, Altitude; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

Evolution

ATMOSPHERIC CONSTITUENTS OF THE TERRESTRIAL-TYPE PLANETS ...Algae - Cyanophyta; Algal Pollutant Sources; Environmental Influences; Gases; Pesticides -nonspecific; Space Medicine - Exobiology; Weather - Physical Properties; ...1.0345

THE ULTRASTRUCTURE OF NORTH AMERICAN HEPIACEAE ...Air Pollution -see Specifics; Algae -nonspecific; Bioindicators; Fungi -nonspecific; Lichenes; Symbiosis - Plants; ...1.0359

FOREST TREE IMPROVEMENT THROUGH SELECTION AND BREEDING ...Abies; Air Pollution -see Specifics; Forest Pathology; Juglans; Magnoliaceae; Pinus Nigra; Populus; ...1.0414

METABOLISM OF FIXED NITROGEN BY PLANTS AND BACTERIA ...Algae - Cyanophyta; Azotobacter; Clostridia; Eutrophication; Kinetics; ...2.0439

PHARMACOLOGY ...Air Pollution -see Specifics; Animal Pharmacology; Biochemical Analysis - Tissues; Marine Animals; Marine Plants; Organic Water Properties; ...2.1091

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Element Ratios; Environmental Geology; Genetic Relationships; Geochemical Investigations; Lead; Petrology; Radiochemical Analysis; Uranium; ...5.0016

GENETICS OF CANDIDA ALBICANS - NUTRITIONAL MUTAGENESIS AND COMPARATIVE SUSCEPTIBILITY TO ULTRAVIOLET IRRADIATION ...Candida; Cellular Repair Mechanisms; Hansenula; Physical Mutagenesis; Radiation; Taxonomy -plant; ...5.0335

EFFECT OF SPERMATOGONIAL X-IRRADIATION ON REPRODUCTIVE FITNESS OF MICE ...Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0344

ADAPTIVE SPECIALIZATIONS IN LEARNING AND MEMORY ...Injury and Shock; Learning and Retention; Motivation and Instinct; Sensory & Perceptual Processes Toxicology; ...5.0588

THE DETECTION AND ANALYSIS OF MUTAGENS ...Bacteria - nonspecific; Cell Injury and Autolysis; Chemical Mutagenesis; Microorganisms; Radiation; ...5.0773

Exercise

URBAN CHRONIC DISEASE EPIDEMIOLOGICAL STUDY PROGRAM ...Air Pollution -see Specifics; Environmental Effects - Human; Occupational Hazards; Social Aspects; Urban Environment; ...1.0224

CONTINUE COLLECTION OF DATA ON THE EFFECT OF CHRONIC EXPOSURE OF BEAGLE DOGS TO SULFUR OXIDES AND PARTICULATE AIR POLLUTION ...Air Pollution - see Specifics; Canidae; Respiratory Irritants, Inhaled; Stressors, Physiological; Sulfur Dioxide; ...1.0257

A REPORT ON THE RELATIONSHIPS AMONG O2 UPTAKE, CO EXPOSURE, O2 CARRYING CAPACITY OF BLOOD AND EXERCISE (ABBREV) ...Air Pollution -see Specifics; Anoxia and Hypoxia; Carbon Monoxide; ...1.0278

HUMAN ADAPTATION OF CARDIO-PULMONARY FUNCTION TO HYPOBARIC, AQUATIC AND INDUSTRIAL ENVIRONMENTS ...Air Pollution -see Specifics; Anoxia and Hypoxia; Environmental Effects - Human; Metabolism & Metab. Diseases; Pressure; Temperature & Humidity Effects; ...1.0305

EFFECT OF EXERCISE WITH HIGH CARBOHYDRATE OR HIGH FAT DIETS CONTAINING DDT ...DDT; Laboratory Animals; Muridae; Toxicology; ...4.0918

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - SPECIFIC DISEASES OR DISORDERS STUDIES ...Atomic Bomb; Digestive System - Human; Human Developmental Biology; Japan; Nuclear Warfare; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0232

LOW-LEVEL X-IRRADIATION OF THE BRAIN DURING DEVELOPMENT - MORPHOLOGICAL, PHYSIOLOGICAL AND BEHAVIORAL CONSEQUENCES ...Hydrogen; Muridae; Psychology; ...5.0320

RESEARCH PROGRAM IN DEVELOPMENTAL NEUROPSYCHOLOGY ...Healing; Motivation and Instinct; Primates - nonspecific; Psychology; Radiation Effects - Biological; ...5.0321

HISTOPATHOLOGIC, SERUM ENZYME AND OTHER CHANGES PRODUCED IN ANIMALS BY VARIOUS ENVIRONMENTAL AND OTHER STRESSES ...Bacteria -nonspecific; Mammals -nonspecific; Stressors, Physiological; X and Gamma Rays; ...5.0359

LATE EFFECTS OF WHOLE-BODY GAMMA IRRADIATION ON THE WORK PERFORMANCE AND RELATED PHYSIOLOGY OF SHETLAND PONIES ...Equidae; Radiation, Whole Body; Temperature & Humidity Effects; Temperature - Air; Temperature - Human Body; Vertebrates Excl. Man; X and Gamma Rays; ...5.0662

Exhaust, Combustion -see Auto

GASEOUS PLUME DIFFUSION ABOUT ISOLATED STRUCTURES OF SIMPLE GEOMETRY ...Atmospheric and Environmental; Building Design; ...1.0030

EVALUATIONS OF EMISSIONS AND CONTROL TECHNOLOGIES IN THE GRAPHIC ARTS INDUSTRIES ...Air Cleaning Devices; ...1.0132

LEGISLATION AND REGULATIONS - AQCR PLANS ...Administration and Management; Air Cleaning Devices; Cars; Government -see Federal Gov.; Legal Studies-general; ...1.0527

TESTING OF EMISSION CHARACTERIZATION AND CONTROL PROJECTS ...Air Cleaning Devices; Air Pollution -see Specifics; ...1.0576

SCRUBBING OF REFUSE INCINERATOR EMISSION GASES ...Furnace and Incinerator Design; Furnaces; Incineration; Particulate Matter - Air Poll.; Scrubbers; ...1.0584

AQCR ASSISTANCE - EMERGENCY EPISODE PROCEDURES ...Combustion; Fuels; Furnace and Incinerator Design; Safety -see Farm Safety; ...1.0618

CONTINUOUS PARTICULATE MONITORS FOR FOSSIL FUEL COMBUSTION SOURCES ...Air Pollution Monitoring; Air Pollution-chemistry; Coal Research; Combustion; Particulate Matter - Air Poll.; Particulates - Air Pollution; ...1.0733

START OF FIELD STUDY OF IR EMISSION SPECTRA FROM SO2 IN POWER PLANT PLUMES ...Air Pollution-chemistry; Gases; Infrared Spectroscopy; Power Plants -see Specifics; ...1.0752

EMISSION INVENTORIES OF FEDERAL FACILITIES IN AQCR'S ...Air Pollution-chemistry; Combustion; Data Reduction and Analysis; Furnaces; Nitrogen and Nitrogen Cpds.; Smoke -see Air Pollution; Statistics; ...1.0768

Engines

THE VARIOUS POLLUTING SUBSTANCES EMITTED IN DIESEL ENGINE EXHAUST GASES ...Air Pollution-chemistry; Combustion; Diesel; Engine; Fuels ...1.0003

COMBUSTION GAS COMPOSITION ...Air Pollution-chemistry; Chromatography; Combustion; Infrared Spectroscopy; Mass Spectroscopy; Nitrogen and Nitrogen Cpds.; Ultraviolet Spectroscopy; ...1.0005

AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Combustion; Energy Conversion; Fuels; Mass Spectroscopy; Photochemical Reactions; Wall Effects; ...1.0009

CALIFORNIA ASSEMBLY - STEAM BUS ...Buses -see Transportation; Costs -see Economics Entries, Engine; External Combustion Engines; Noise; Spark Ignition; ...1.0017

STUDY OF RELATIONSHIP OF ENGINE DETERIORATION TO EXHAUST EMISSIONS ...Cars; Engine; ...1.0033

NUMERICAL ANALYSIS OF TURBULENT FLUID FLOW MIXING ...Engineering Mechanics; Fuel Induction Devices; ...1.0051

KINETICS OF NO AND CO FORMATION IN COMBUSTION GASES ...Air Pollution-chemistry; Cars; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Turbines; ...1.0060

EFFECTS OF GASOLINE VOLATILITY ON EMISSIONS AND DRIVEABILITY ...Air Pollution-chemistry; Combustion; Fuels; ...1.0062

PARTICULATE EMISSIONS FROM TWO-CYCLE GASOLINE ENGINES ...Air Pollution; Combustion; Fuels; Particulate Matter - Air Poll.; Particulates - Air Pollution; Spark Ignition; ...1.0064

PARTICLE DYNAMICS ...Atmospheric Dynamics; Diffusion; Missiles; Photography; Simulation Theory; ...1.0068

NITROGEN-OXIDE KINETICS IN AUTO COMBUSTION EXHAUST ...Air Pollution Control Systems; Air Pollution-chemistry; Combustion; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0074

GASOLINE COMPOSITION AND VEHICLE EXHAUST GAS POLYNUCLEAR AROMATIC CONTENT ...Air Cleaning Devices; Air Pollution-chemistry; Chemical Analysis -general; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0075

NON-EQUILIBRIUM EFFECTS IN AN INTERNAL COMBUSTION ENGINE ...Air Pollution-chemistry; Combustion; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0083

STUDY BY CONTRACT THE INDOOR-OUTDOOR POLLUTION RELATIONSHIPS AT AN AIR-RIGHTS STRUCTURE AND A CANYON TYPE STRUCTURE ...Air Pollution-chemistry; Cars; Combustion; Lead; Particulates - Air Pollution; Urban Research - general; ...1.0090

ASSIST OCS IN THE DEVELOPMENT OF COMPUTERIZED SYSTEM FOR PROJECTING MOTOR VEHICLE EMISSIONS AND SUPPLY ADJUNCT ANALYSES ...Air Pollution; Characteristics; Engine; Nitrogen and Nitrogen Cpds.; Traffic Engineering; Trucks; ...1.0093

EFFECTS OF IMPROVED FUEL ATOMIZATION - VAPORIZATION AND MIXING ON EMISSIONS FROM MOBILE SOURCES ...Combustion; Engine; Spark Ignition; ...1.0120

TURBOPROPULSION ENGINE EXHAUST EMISSIONS INVESTIGATION ...Turbines ...1.0121

AN ENGINEERING STUDY OF LP GAS AS AUTOMOTIVE FUEL ...Combustion; Engine; Fuel-systems; Fuels; Lead; ...1.0122

EFFECT OF FUEL VOLATILITY ON AUTOMOTIVE EMISSIONS ...Air Pollution-chemistry; Combustion; Engine; Fuels; Photochemical Reactions; ...1.0123

PRODUCTS OF COMBUSTION OF DISTILLATE FUELS FOR MOTIVE POWER ...Buses; Combustion; Diesel Equipment; Fuels; Nitrogen and Nitrogen Cpds.; Odor; Trucks; ...1.0124

AIR & WATER POLLUTION PPBS-20-55-12 FUELS COMBUSTION RESEARCH ...Combustion; Diesel; Fuels; Gas Chromatography; Oxidants; ...1.0125

TURBOPROFULSION EXHAUST EMISSIONS INVESTIGATIONS ...Air Pollution -see Specifics; ...1.0147

CONDUCT A STUDY OF EMISSIONS FROM OFF HIGHWAY INTERNAL COMBUSTION ENGINES (GASOLINE AND DIESEL) ...Air Pollution-chemistry; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; Spark Ignition; ...1.0148

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Catalysts; Combustion; Fire Research -see Forest Fire; Food Contamination; Fuels; Mass Spectroscopy; Pyrolysis; Thin Layer Chromatography; ...1.0149

PARAMETRIC STUDY OF PETROL ENGINE PERFORMANCE, EFFICIENCY AND EXHAUST COMPOSITION ...Air Pollution-chemistry; Combustion; Engine; Nitrogen and Nitrogen Cpds.; Spark Ignition; ...1.0150

ATMOSPHERIC POLLUTION BY GASOLINE ENGINES ...Air Pollution; British Isles; California; Engine; Gases; Legal Studies; ...1.0151

KINETICS OF NITROGEN-OXIDE AUTOMOTIVE POLLUTION ...Air Pollution-chemistry; Combustion; Degradation; Engine; Fuels; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0163

COMBUSTION PROCESS ANALYSIS ...Combustion; Engine; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0166

AUTOMOBILE EXHAUST AND CHRONIC RESPIRATORY DISEASE ...Air Pollution -see Specifics; Bacteria -nonspecific; Carbon Monoxide; Environmental Effects - Human; Lead; Respiratory Disease; Tobacco -cigarettes; ...1.0212

EFFECTS OF AUTO EXHAUST ON ROADSIDE MAMMAL POPULATIONS ...Air Pollution -see Specifics; Animal Behavioral Ecology; Cricetidae -other; Environmental Physiology; Population Dynamics -general; ...1.0361

EFFECT OF DIESEL FUMES ON CONCRETE ...Air Pollution; Automotive Application; Ceramics; Corrosion; Deterioration; Materials -properties; Structural Mechanics; ...1.0425

A STUDY OF SURVEILLANCE INSPECTION AND MAINTENANCE PROCEDURES FOR MINIMIZING AUTOMOBILE EXHAUST EMISSIONS (CAPE-13) ...Engine; Spark Ignition; ...1.0537

LOW EMISSION FUELS FOR VEHICLES ...Air Pollution-chemistry; Combustion; Fuel-systems; Fuels; Heat Recovery; Industrial; Thermal Decomposition; ...1.0539

LOW POWER TURBOPROPULSION EXHAUST EMISSIONS ...Environmental Aspects; Turbines; ...1.0547

CONTROL OF PARTICULATE EMISSIONS FROM GASOLINE ENGINES ...Air Cleaning Devices; Combustion; Engine; Fluidized Bed Reactor; Particulates - Air Pollution; ...1.0552

EVALUATION OF EMISSION CONTROL SYSTEMS FOR EXISTING VEHICLE ...Air Cleaning Devices; Costs -see Economics Entries; Engine; Legal Studies; ...1.0570

CONTROL OF CO AND HC EMISSIONS FROM LIGHT AIRCRAFT AND OTHER NON-REGULATED MOBILE SOURCES ...Air Cleaning Devices; Power Plants -see Specifics; ...1.0572

DEVELOPMENT OF IMPROVED NOX CONTROL FOR DIESEL ENGINES ...Air Cleaning Devices; Diesel; Engine; Power Plants - see Specifics; Spark Ignition; ...1.0573

DIESEL EMISSION CONTROL ...Air Cleaning Devices; Combustion; Engine; Environmental Aspects; Fuels; Odor; ...1.0574

LOW EMISSION ULTRABAN PISTON ...Cars; Engine; ...1.0577

FUEL INJECTION ...Air Cleaning Devices; Combustion; Fuel Induction Devices; Nitrogen and Nitrogen Cpds.; Spark Ignition; ...1.0579

REDUCTION OF EMISSION CONTROL SYSTEM DEGRADATION ...Air Cleaning Devices; Air Pollution-chemistry; Combustion; Engine; ...1.0580

CARBURETORS - REDUCTION OF EXHAUST EMISSIONS ...Air Cleaning Devices; Engine; Spark Ignition; ...1.0582

FUEL INJECTION SYSTEM ANALYSIS - DIESEL SMOKE REDUCTION ...Diesel; Fuel Induction Devices; Smoke -see Air Pollution; Spray Devices; ...1.0583

HYBRID COMBUSTION PROCESS (FCP) APPLICATIONS FOR MILITARY VEHICLES ...Spark Ignition; ...1.0585

HYBRID COMBUSTION PROCESS (TCP) APPLICATION FOR MILITARY VEHICLES ...Spark Ignition; ...1.0593

EVALUATE CONTROL TECHNOLOGY APPLICABLE TO MOTOR VEHICLES AND STATIONARY SOURCES ...Air Cleaning Devices; Engine; ...1.0614

INTERACTION OF FUEL AND ENGINE FACTORS INFLUENCING EXHAUST EMISSIONS ...Combustion; Fuels; Lead; ...1.0620

ENGINE EMISSION REDUCTION BY COMBUSTION CONTROL ...Air Cleaning Devices; Air Pollution-chemistry; Combustion; Interferometry; ...1.0640

RI - ADAPTIVE MIXTURE CONTROL FOR INTERNAL COMBUSTION ...Combustion; Fuel Induction Devices; Fuels; Inorganic Gases; Spark Ignition; ...1.0651

RESEARCH ON THE REMOVAL OF NOXIOUS COMPOUNDS FROM WASTE GASES; STUDY OF POLLUTION FROM MOTOR VEHICLE EXHAUST ...Air Cleaning Devices; Engine; Furnace and Incinerator Design; Urban Research -general; ...1.0654

MOLECULAR-BEAM SAMPLING FROM CYCLING-PRESSURE SOURCES ...Combustion; Engine; Mechanism Determination; Spark Ignition; ...1.0673

THE VALUATION COEFFICIENT OWING TO ALTITUDE FOR VEHICULAR SMOKE IN TUNNELS ...Building Construction; Transportation Buildings; Tunnels; ...1.0704

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution

Control Systems; Air Pollution-chemistry; Chemical Analysis - general; Combustion; Energy Conversion; Inorganic Gases; Radiometric Analysis; ...1.0721

COLD START SURVEILLANCE TESTS OF NEW VEHICLES ...Diesel; Engine; Spark Ignition; Trucks; ...1.0728

MONITOR LIGHT DUTY MOTOR VEHICLE EXHAUST EMISSIONS INSPECTION GRANT PROGRAMS ...Cars; Data Reduction and Analysis; Engine; ...1.0740

SAE COMMITTEE ON DIESEL AND AIRCRAFT GAS TURBINE EMISSIONS MEASUREMENTS ...Committee Support; Diesel; Inorganic Gases; Turbines; ...1.0743

SINGLE COMBUSTOR RIG INVESTIGATION OF TURBINE ENGINE EXHAUST EMISSIONS ...Air Cleaning Devices; Air Pollution-chemistry; Chemical Analysis -general; Combustion; Fuels; Turbines; ...1.0836

ATMOSPHERIC POLLUTION BY DIESEL ENGINES ...Air Pollution Monitoring; Combustion; Diesel Equipment; Smoke; ...1.0850

CONTROL OF POLLUTION FROM OUTBOARD ENGINES EXHAUST: A RECONNAISSANCE STUDY ...Air Cleaning Devices; Combustion; Gas Chromatography; Thin Layer Chromatography; Water Purification; ...2.0275

RESEARCH INTO VARIOUS ASPECTS OF MOTOR VEHICLES INCLUDING NOISE, DYNAMIC BEHAVIOR, SAFETY, AERODYNAMICS AND AIR POLLUTION ...Automobile & Components; Engine; Engineering Mechanics; Fluid Mechanics; Noise; ...6.0051

Furnaces

INCINERATION--COMBUSTION OF PLASTICS, FILMS, ETC. ...Air Cleaning Devices; Incineration; Plastics; ...1.0078

CAVEN POINT INCINERATOR EVALUATION ...Air Pollution Monitoring; Furnace and Incinerator Design; Legal Studies-general; Particulate Matter - Air Poll.; Particulates - Air Pollution; ...1.0501

SULFATION KINETICS IN SO2 ABSORPTION FROM FLUE GAS ...Absorption - Chemistry; Air Pollution-chemistry; Costs - see Economics Entries; Sulfur Dioxide Removal; ...1.0536

SCRUBBING OF REFUSE INCINERATOR EMISSION GASES ...Exhaust, Combustion -see Auto; Furnace and Incinerator Design; Incineration; Particulate Matter - Air Poll.; Scrubbers; ...1.0584

USE OF ELECTRIC FIELDS IN COMBUSTION ...Air Pollution-chemistry; Combustion; Electric Field; Furnace and Incinerator Design; Incineration; Nitrogen and Nitrogen Cpds.; Pilot Plants; ...1.0638

AIR POLLUTION CONTROL FLUIDIZED VORTEX INCINERATION ...Burners; Furnace and Incinerator Design; ...1.0652

FLUIDIZED-BED COMBUSTION ...Boilers; Combustion; Combustion Air Pollution-gen; Fluidized Bed Reactor; Fossil Fuels; Heat Transmission; ...1.0660

EMISSION INVENTORIES OF FEDERAL FACILITIES IN AQCR'S ...Air Pollution-chemistry; Combustion; Data Reduction and Analysis; Exhaust, Combustion -see Auto; Nitrogen and Nitrogen Cpds.; Smoke -see Air Pollution; Statistics; ...1.0768

CONVERTING INCINERATOR RESIDUE TO USEFUL MATERIALS ...Aggregate; Incineration; Recoverable Materials; Transportation; ...3.0398

Explosions, Detonation

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

Explosive Types

Hmx

WEAPONRY--RADIATION DAMAGE BY NUCLEAR BLASTS ...Catalysis, Heterogeneous; Nuclear; Nuclear Detonations; Photolysis; Propellants; Radiation Induced Chem. React.; Radiation Shielding; ...5.0166

Tnt

BIODEGRADABILITY OF TNT ...Biodegradation-see Degradation; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Water Chemistry; ...2.1293

Nuclear

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Carbonates; Chemical Effects; Forecasting - Prediction; Groundwater Movement; Mass Transfer; Petrology; Seismology; Water Pollutants - Path of; ...2.0062

WEAPONRY--RADIATION DAMAGE BY NUCLEAR BLASTS ...Catalysis, Heterogeneous; Hmx; Nuclear Detonations; Photolysis; Propellants; Radiation Induced Chem. React.; Radiation Shielding; ...5.0166

Shock-wave

ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF THE REACTION KINETICS OF MAJOR AIR POLLUTANTS ...Air Pollution; Chemical Mechanisms & Kinetics; Fuels; Kinetics; ...1.0885

Fabrication

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials; Coatings -see Materials; Dewatering; Effluents - Waste Water; Industrial Wastes; Metal Processing Wastes; Pilot Plants; Sludge; Waste Treatment Economics; ...2.1298

NONAQUEOUS TREATMENTS TO IMPROVE FABRIC PROPERTIES AND REDUCE WATER POLLUTION ...Chemical Mechanisms & Kinetics; Home Economics; Materials -properties; Textile Industry; Water Quality Control -general; ...2.1283

DOMESTIC WATER PROBLEMS AS RELATED TO TEXTILES ...Detergent Builders; Fibers; Home Economics; Materials -properties; Mineralization; Purity, Impurity; ...2.1604

CHEMICAL PULPING AND BLEACHING ...Air Pollution-chemistry; Electrolytic; Industrial Pollution -general; Materials -properties; Pulp and Paper Wastes; Reduction Reactions; Water Chemistry; ...3.0351

PAPER AND FIBERBOARD PROCESSES ...Additives; Combustion Air Pollution-gen; Industrial Wastes; Materials, Composite; Pulp and Paper; Solanum; ...3.0407

CHEMICAL INVESTIGATION OF SURFACE CONTAMINATION OF COTTON FIBERS ...Arsenic; Chemical Analysis; Defoliants; Fibers; Gossypium; Impurity; ...4.0474

Factory Workers

RESPIRATORY DISEASE AND ENVIRONMENTAL EXPOSURES ...Air Pollution -see Specifics; Asbestos; Environmental Effects - Human; Occupational Hazards; Respiratory Disease; Respiratory Irritants, Inhaled; Tobacco -cigarettes; ...1.0214

ENVIRONMENTAL ASSESSMENT OF AIR-BORNE COTTON AND FLAX DUSTS ...Air Pollution -see Specifics; Foreign Agriculture; Gossypium; Linaceae; Occupational Hazards; Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0302

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

RADIATION DAMAGE TO RADIUM-BURDENED HUMANS ...Occupational Hazards; Radiation Carcinogenesis; Radium; ...5.0291

IN VIVO MEASUREMENT OF PLUTONIUM LUNG BURDENS IN HUMANS ...Gas Filled Detectors; Occupational Hazards; Plutonium; Radiation Effects - Man; Radioactive Isotopes; Radiologic Health; Scintillation Counting; ...5.0457

Fallout -see Radioactive

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Nuclear Detonations, Radioactive Fallout; Radiotracers -see Tracers; Snow; Troposphere; ...1.0002

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Model Studies; Nevada; Precipitation Forecasting; Radioactive Fallout; Seismology; Weather Forecasting; ...1.0021

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Contamination - Water; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Seismology; Strontium; ...1.0025

THE ROLE OF THE GENERAL CIRCULATION OF THE ATMOSPHERE IN RADIOACTIVE DEBRIS TRANSPORT ...Air Motion; Bibliography; Mass Transport; Radioactivity; Tropopause; Upper Atmospheric Circulation; ...1.0032

CONTUNUOUS MEASUREMENTS OF AIRBORNE AND PRECIPITATION RADIOACTIVITY AND METEOROLOGICAL APPLICATION ...Atmospheric Dynamics; Nuclear Detonations; Radioactive Fallout; Scintillation Counting; Spectrographic Techniques; Tracers; Troposphere; ...1.0044

ATMOSPHERIC DIFFUSION AND TURBULENCE ...Atmospheric Structure; Diffusion, Dust; Mass Transport; Stratosphere; Turbulence; ...1.0154

FALLOUT PHENOMENOLOGY ...Atmospheric Dynamics; Heat Balance - Budget; Mesometeorology; Nuclear Detonations; Radioactive Fallout; Tracers; Wind; ...1.0158

HIGH ALTITUDE BALLOON SAMPLING PROGRAM (PROJECT HIBAL) ...Air Pollution Sampling; Atmospheric Structure; Australia; Radioactive Fallout; Stratosphere; ...1.0668

RADIONUCLIDES IN STRATOSPHERIC AIR ...Air Pollution Sampling; Atmospheric Dynamics; Radioactive Fallout; Radioactivity; Radioactivity, Natural; Stratosphere; ...1.0744

SCAVENGING STUDY OF SNOW AND ICE CRYSTALS ...Atmospheric Dynamics; Charge on Droplets; Electrical Phenomena; Nucleation Physics; Rain; Rain Structure - Size; Snow Structure; ...2.0124

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Precipitation Gages; Radiotracers -see Tracers; Tracers; ...2.0133

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Ocean Circulation -general; Radioactive Fallout; Radioactivity; ...2.0187

CHARACTERIZATION OF RADIOACTIVE PARTICLES PRODUCED BY NUCLEAR DETONATION ...Air Pollution Analysis; Nuclear Detonations; Radiation Effects - Biological; Radioactive Fallout; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Spectrographic Techniques; ...5.0007

HIGH TEMPELATURE STUDIES OF RADIOACTIVE FALLOUT PARTICLE FORMATION ...Chemical Mechanisms & Kinetics; Diffusion; Furnaces and Incinerators, Mechanism Determination; Nuclear Detonations; Radiation; Rate of Reaction; ...5.0046

RADIOACTIVE FALLOUT FORMATION ...Chemical Mechanisms & Kinetics; Condensation; Condensation Physics; Forecasting - Prediction; Radioactive Fallout; Rate of Reaction; ...5.0047

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

ASSESSMENT OF THE HAZARD OF FALLOUT RADIOIODINES ...Iodine; Radioactive Fallout-cf Fallout; Radioactive Hazard; Radioactive Isotopes; Radiologic Health; ...5.0127

RESPONSES OF PLANTS AND PLANT COMMUNITIES TO IONIZING RADIATION ...Acer Species; Carbohydrates; Festuca; Magnoliaceae; Radiation Sources -general; Radioactive Hazard; Translocation; ...5.0652

THE DETERMINATION OF PLUTONIUM 239 IN LUNG TISSUE BY ACTIVATION ANALYSIS ...Atomic Bomb; Deer -nonspecific; Fast Neutrons; Plutonium; Radiologic Health; ...5.0819

GLOBAL DISTRIBUTION AND INVENTORY OF SR-90 AND OTHER FISSION PRODUCTS ...Australia; Brazil; Fission Products-see Radioact.; Washington ...5.0882

Family & Kinship Studies

INTRAMETROPOLITAN RESIDENTIAL MOBILITY ...Air Pollution; California; Environmental Hazards; Floods; Noise; Social Aspects; ...6.0068

Farm Animal Wastes

PRODUCTION AND DISPERSAL OF PATHOGENIC BACTERIAL AND VIRAL AEROSOLS BY AERATION OF CONTAMINATED WATERS ...Aeration (water); Aerosols; Bacteriophage; Statistics; Waste Water Treatment -general; Water Pollution -see Specifics; ...1.0042

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Contamination - Soil; Groundwater; Snowmelt Runoff; Soil Microbiology; Urine; Water Pollutants - Path of; ...2.0242

ROLE OF ANIMAL WASTES IN AGRICULTURAL LAND RUNOFF ...Agricultural Runoff; Agricultural Watersheds; Animal Wastes - Feed Lots; Bos; Small Watersheds; Soil Tillage, Water Quality -general; ...2.0293

POLLUTION POTENTIAL OF RUNOFF FROM LIVESTOCK FEEDING OPERATIONS ...Agricultural Runoff; Biochemical Oxygen Demand; Chemical Oxygen Demand; Coliforms -nonspecific; Livestock -nonspecific; Precipitation; South Dakota; ...2.0361

WATER QUALITY HYDROLOGY OF LANDS RECEIVING FARM ANIMAL WASTES ...Agricultural Runoff; Bos; Plowing; Waste Disposal on Soils; ...2.0379

EXPLORATORY STUDY OF LIMITATIONS OF BOD FOR ANIMAL WASTE EVALUATION ...Antihelminth; Atomic Absorption; Biochemical Oxygen Demand; Chemical Analysis; Pesticide Residues; Sus; Total Organic Carbon; ...2.0712

BACTERIOLOGICAL WATER QUALITY ANALYSES OF METHODS FOR DETECTING FECAL POLLUTION ...Animal Wastes - Feed Lots; Bacterial Pollutant Sources; Coliforms -nonspecific; Feces; Sewage Bacteria; Water Pollutant Identification; ...2.0796

CONCENTRATION OF CHEMICALS BY FLOC FORMING ORGANISMS ...Aerobic Waste Water Treatment; Industrial Wastes; Product Development Research; Waste Water Treatment - general; ...2.0933

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Chemical Analysis -general; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Moisture; Soil Organic Content; Sprinkler Irrigation; Water Table; ...2.0994

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Effluents - Waste Water; Feces; Lagoon; Soil Chemical Properties; Soil Filters; Soil Structure -other; Waste Disposal on Soils; ...2.1017

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Animal Wastes - Feed Lots; Process Design; ...2.1037

ANIMAL WASTE UTILIZATION FOR POLLUTION ABATEMENT ...Agricultural Runoff; Livestock -nonspecific; Soil Microbiology; Waste Disposal on Soils; ...2.1053

SHALLOW GROUND-WATER FLOW SYSTEMS IN RELATION TO INDUSTRIAL AND MUNICIPAL WATER SUPPLY AND WASTE DISPOSAL REQUIREMENTS ...Canning Wastes -see Food Proc.; Groundwater Movement; Pond; Pulp and Paper Wastes; Soil Tillage; Urban Research -general; ...2.1138

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Chemical Oxygen Demand; Food Processing Industries; Plant Waste Removal, Treatment; Solid Waste; Water Costs; Water Resources Development; ...2.1213

BIOMASS PRODUCTION FOR THE IMPROVEMENT OF THE QUALITY OF FOOD PROCESSING PLANT EFFLUENTS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Industrial Wastes; Nitrogen and Nitrogen Cpds.; Waste Water Treatment -general; ...2.1260

TREATMENT OF AQUEOUS AGRICULTURAL WASTES FOR CLEAN WATER AND FOR MICROBIAL PROTEIN PRODUCTION ...Aeration (water); Biochemical Oxygen Demand; Microorganisms -nonspecific; Product Development Research; Surface Active-other; Water Pollution Sources; ...2.1271

CATTLE FEEDLOT WASTE WATER TREATMENT ...Aerobic Waste Water Treatment; Agricultural Runoff; Anaerobic Wastewater Treatment; Animal Wastes - Feed Lots; Bos; Lagoon; Sewage Lagoons; ...2.1274

BIOLOGICAL TREATMENT OF BEEF ANIMAL WASTES TO REDUCE WATER POLLUTION ...Aeration (water); Animal Wastes - Feed Lots; Bos; Oxidation; ...2.1278

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Animal Wastes - Feed Lots; Chemical Analysis (water); Escherichia Coli; Lysimeters; Physical Models; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...2.1288

DISPOSAL OF WASTE FROM SWINE FEEDING FLOORS TO MINIMIZE OR ELIMINATE STREAM POLLUTION ...Animal Wastes - Feed Lots; Effluents - Waste Water; Septic Tanks; Waste Disposal on Soils; ...2.1291

NITRIFICATION AND DENITRIFICATION OF WASTE WATER ...Activated Sludge; Denitrification -see Nitrogen; Pilot Plants; Sewage - Domestic; ...2.1312

TERTIARY TREATMENT OF ANIMAL WASTE WATERS ...Aerobic Waste Water Treatment; Bos; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1346

AUTOMATED SYSTEM FOR WATER POLLUTION CONTROL FROM AN ANIMAL PRODUCTION UNIT ...Animal Wastes - Feed Lots; Sus; Waste Disposal on Soils; ...2.1378

CHARACTERIZATION OF FOOD PROCESSING WASTEWATERS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Food Processing Industries; Food Processing Wastes; Industrial Wastes; Northwest U. S.; Plant Waste Removal, Treatment; ...2.1388

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Groundwater; Mineralogical Water Properties; Sprinkler Irrigation; Water Application Methods; Water Quality Control -general; ...2.1418

RECOVERY OF BY-PRODUCTS FROM SHELLFISH WASTE ...Chlorine; Lye; Product Development Research; Waste Material Recovery; ...2.1446

EVALUATION OF THE NITROGEN, PHOSPHORUS AND POTASSIUM CONTENT OF POULTRY MANURE ...Clay Soils; Mineral Nutrition; Poultry -nonspecific; ...3.0002

EVALUATION OF POULTRY MANURE AS A FERTILIZER ...Bos; Cynodon; Fertilizer Losses; Soil Chemical Properties; Trifolium; ...3.0004

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots; Contamination - Soil; Cynodon; Fertilizer Toxicity; Groundwater; Rain; Soil Chemical Properties; Waste Disposal on Soils; ...3.0005

ABSTRACT SERVICE ON ANIMAL WASTE TECHNICAL LITERATURE ...Abstracts; Animal Wastes - Feed Lots; Livestock -nonspecific; Product Development Research; ...3.0007

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Flume Studies; Irrigation; Planting Methods; Rock - Soil Pollution; Soil Chemical Properties; Soil Profile; Waste Disposal on Soils; ...3.0008

DECOMPOSITION AND DISPERSION OF EXCRETA FROM LAYING HENS AND TURKEYS ...Gallus Domesticus; Microorganisms -nonspecific; Soil Organic Content; Space Requirements; ...3.0009

AGRICULTURAL WASTE INVESTIGATIONS ...Livestock -nonspecific; Pesticide Residues; Pesticides -nonspecific; Training Grants, Fellowships; ...3.0010

POLLUTION IMPLICATIONS OF ANIMAL WASTE ...Animal Wastes - Feed Lots; Bos; Feces; ...3.0011

STABILIZATION OF ORGANIC WASTES FROM CATTLE FEEDLOTS IN SEMI-ARID CLIMATES BY COMPOSTING TECHNIQUES ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Bos; Semi - Arid Regions; ...3.0012

ECONOMICS OF GRADE A DAIRYING ...Agricultural Economics; Bos; Costs -see Economics Entries; Dairy Industry; Optimization - Feasibility; ...3.0057

SWINE WASTE TREATMENT AND DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Effluents - Waste Water; Irrigation; Sewage Lagoons; Waste Disposal on Soils; ...3.0058

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Alkalinity (water); Bacterial Studies -general; Coliforms - nonspecific; Farm Pond; Mineralogical Water Properties; Sewage Lagoons; Streptococcus Fecalis; ...3.0059

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Agricultural Runoff; Irrigation; Taste & Odor of Water; Waste Treatment Economics; Water Pollution Sources; ...3.0060

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange; Maps -general; Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Sus; Wind -see Air Motion; ...3.0069

SOIL AND WATER MANAGEMENT SYSTEMS FOR DISPOSAL OF DAIRY AND POULTRY WASTES ...Animal Wastes - Feed Lots; Denitrification; Groundwater; Soil Organic Content; Waste Disposal on Soils; ...3.0076

NITRATE POLLUTION FROM DISPOSAL OF DAIRY WASTE ...Animal Wastes - Feed Lots; Drainage; Groundwater; Mineral Nutrition; Soil Profile; Waste Disposal on Soils; ...3.0077

A SOLID WASTES MANAGEMENT SYSTEM FOR THE BAY REGION ...Disposal; Plant Waste Removal, Treatment; Public Utilities; Solid Waste; Waste Management -see Specific; Waste Material Recovery; ...3.0079

AERATED LAGOONS & ANAEROBIC REACTORS - A FIELD & LAB STUDY OF THEIR EFFICIENCIES & DESIGN PRINCIPLES IN SEWAGE TREATMENT ...Aeration (water); Anaerobic Wastewater Treatment; Process Design; Sewage Lagoons; ...3.0083

ANAEROBIC TREATMENT OF ANIMAL WASTES ...Anaerobic Wastewater Treatment; Animal Wastes - Feed Lots; ...3.0085

ANAEROBIC TREATMENT OF ANIMAL WASTES ...Anaerobic Wastewater Treatment; Animal Wastes - Feed Lots; ...3.0086

CATTLE FEEDLOT WASTE AND AIR AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Bos; Chlortetracycline; Hydrographs; Process Design; ...3.0092

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Bos; Chlorine; Contamination - Soil; Lysimeters; Rock - Soil Pollution; Soil Moisture; Zea Mays - Field Corn; ...3.0097

WASTE DISPOSAL IN RURAL AREAS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Connecticut; Nitrogen and Nitrogen Cpds.; Rural Areas; Septic Tanks; Waste Disposal on Soils; Water Pollutant Identification; ...3.0098

SPRAY SYSTEM FOR DAILY REMOVAL OF LIQUID COW MANURE ...Agricultural Studies -general; Microorganisms -nonspecific; Sprinkler Irrigation; Waste Disposal on Soils; ...3.0099

AEROBIC DISPOSAL OF ANIMAL WASTES WITH CONTINOUS WATER REUSE ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Process Design; Waste Dilution- Self Purifying; Waste Water Degradation; Water Reuse; ...3.0111

PERFORMANCE OF THE INCLINED-PLANE TRICKLING FILTER FOR AEROBIC DISPOSAL OF ANIMAL WASTE ...Animal Wastes - Feed Lots; Filtration; Mathematical Models; Model Studies; Trickling Filters; ...3.0112

DESIGN AND OPERATION CRITERIA FOR AN ANAEROBIC LAGOON FOR SWINE WASTE ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Lagoon; Piedmont Province; Sewage Lagoons; Water Reuse; ...3.0113

A METHOD OF MANURE DISPOSAL FOR A BEEF PACKING OPERATION ...Animal Wastes - Feed Lots; Bos; Feces; Illinois; Solid Waste; Waste Disposal-see Solid Waste; ...3.0121

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Biochemical Oxygen Demand; Environment Resistance-animals; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage Lagoons; Space Requirements; Taste & Odor of Water; ...3.0132

LIFE CYCLE DAIRY HOUSING, MANAGEMENT AND BEHAVIOR ...Animal Wastes - Feed Lots; Behavior -vertebrate; Bos; Computer Methods -general; Dairy Industry; Iodides; Sewage Lagoons; ...3.0138

CONTROL OF FLIES AND OTHER INSECTS ASSOCIATED WITH SWINE PRODUCTION WITHOUT INSECTICIDE ...Biological Control; Sewage Lagoons; Sus; ...3.0140

LIVESTOCK WASTE TREATMENT AND DISPOSAL ...Aeration (water); Anaerobic Wastewater Treatment; Antibiotics -nonspecific; Feces; Noise -see Noise; Sewage Lagoons; Waste Disposal on Soils; ...3.0141

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Poultry -nonspecific; Sus; Waste Disposal-see Solid Waste; ...3.0143

DEMONSTRATION OF A RECIRCULATING SWINE WASTE TREATMENT SYSTEM USING A ROTATING BIOLOGICAL CONTRACTOR ...Animal Wastes - Feed Lots; Economic Feasibility; Sus; Water Reuse; ...3.0144

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Chemical Oxygen Demand; Lagoon; Noise - see Noise; Recycle Water; Sus; ...3.0145

OPTIMIZATION TECHNIQUES FOR AGRICULTURAL PROBLEMS ...Computer Languages; Mathemstical Models; Optimization Technique; Simulation Theory; Systems Analysis; ...3.0146

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Clay Soils; Irrigation; Livestock -nonspecific; Poultry -nonspecific; Silty Soils; Soil Types -also See Specifics; Waste Disposal on Soils; Zea Mays - Field Corn; ...3.0147

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Bos; Irrigation; Rainfall - Runoff Relationship; Soil Fertility; Water Wells; ...3.0148

PRODUCTION EFFICIENCY IN CAGE EQUIPPED LAYING HOUSES AS INFLUENCED BY LABOR PRACTICES ...Economic Feasibility; Gallus Domesticus; ...3.0150

LAGOONS FOR DISPOSAL OF BARN YARD WASTES ...Aeration (water); Bos; Effluents - Waste Water; Lagoon; Microorganisms -nonspecific; Sewage Lagoons; Taste & Odor of Water; ...3.0152

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Agricultural Runoff; Bos; Poultry -nonspecific; Waste Disposal on Soils; ...3.0156

LITTERLESS HIGH-DENSITY BROILER PRODUCTION SYSTEM ...Gallus Domesticus; Poultry Industry, Space Requirements; ...3.0158

CHEMICAL AND PHYSICAL TREATMENTS OF CATTLE EXCRETA FOR REDUCING ENVIRONMENTAL POLLUTION ...Animal Wastes - Feed Lots; Chemical Treatment (water); Feces; Product Development Research; Waste Water Treatment -general; ...3.0161

ANIMAL WASTE COMPOSTING EQUIPMENT FOR THE NORTHEAST ...Animal Wastes - Feed Lots; Northeast U. S.; ...3.0164

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Animal Wastes - Feed Lots; Chlorine; Lysimeters; Percolation (water); Sprinkler Irrigation; Water Application Methods; ...3.0166

FARM ANIMAL WASTES MANAGEMENT ...Air Cleaning Devices; Eos; Dust; Poultry -nonspecific; Waste Type; ...3.0167

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment -general; Color; Disinfection; Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment -general; ...3.0168

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Digestion; Electroosmosis; Sewage Lagoons; Waste Drying; ...3.0181

CLOSED SYSTEM WASTE MANAGEMENT FOR LIVESTOCK ...Animal Wastes Feed Lots; Livestock -nonspecific; Management (water); ...3.0182

SWINE HOUSING ENVIRONMENT ...Farm Structures & Design; Humidity; Sus; Temperature - Air; Wind -see Air Motion; ...3.0183

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Electroosmosis; Gallus Domesticus; Pilot Plants; Waste Disposal-see Solid Waste; ...3.0184

SYSTEMS APPLICATIONS IN AGRICULTURE ...Agricultural Economics; Forest Management; Marketing; Soil Water Plant Relationships; ...3.0185

ELECTRO-OSMOSIS ...Electrical Current -bioeffects; Feces; Models of Biological Systems; Osmotic and Turgor Pressure; ...3.0186

LABOR EFFICIENCY AS AFFECTED BY DAIRY HOUSING FACILITIES ...Agricultural Economics; Costs -see Economics Entries; Dairy Industry; Farm Structures & Design; Labor Input; ...3.0187

ANIMAL WASTE MANAGEMENT STUDY ...Environmental Effects - Human; Sanitation; Sprinkler Irrigation; Waste Disposal on Soils; Waste Water Treatment -general; ...3.0191

LABOR REQUIREMENTS FOR PERFORMING FARMSTEAD WORK ELEMENTS ...Agricultural Economics; Bos; Economic Studies -general; Farm Structures & Design; Labor Input; Management; ...3.0195

EVALUATION OF WASTE HANDLING SYSTEMS FOR HOUSED LARGE ANIMALS IN THE NORTH CENTRAL REGION ...Bos; Disposal; Rotors - Propellers; Waste Type; ...3.0196

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Climates -general; Microorganisms -nonspecific; Solid Waste; Waste Disposal on Soils; ...3.0197

MATERIALS HANDLING SYSTEMS FOR NORTH CENTRAL FARMS ...Bos; Farm Structures & Design; Humidity; North Central U. S.; Temperature - Air; Wind -see Air Motion; ...3.0198

IMPROVE METHODS, EQUIPMENT & FACILITIES FOR HANDLING WASTE MATERIAL FROM LIVESTOCK MARKETS & FEEDLOT ...Agricultural Runoff; Costs -see Economics Entries; Lagoon; Taste & Odor of Water; Water Costs; ...3.0203

FEED AND WASTE REMOVAL STRUCTURES FOR LIVESTOCK ...Bos; Economic Feasibility; Farm Structures & Design; ...3.0208

EVALUATION OF MEAT ANIMAL HOUSING SYSTEMS IN RELATION TO POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Dust; Farm Structures & Design; Groundwater; Space Requirements; Wind -see Air Motion; ...3.0209

DAIRY HERD MANAGEMENT ...Bos; Farm Structures & Design; ...3.0210

INFLUENCE OF CERTAIN HOUSING AND MANAGEMENT REGIMES ON CONFINEMENT REARING OF GROWING FINISHING PIGS ...Farm Structures & Design; Humidity; Sus; Temperature - Air; Wind -see Air Motion; ...3.0211

WASTE MANAGEMENT, CONTROL, AND DISPOSAL IN MID-WEST BEEF FEEDLOTS ...Animal Wastes - Feed Lots; Nitrogen and Nitrogen Cpds.; Rainfall - Runoff Relationship; Storm Water; Waste Water Treatment -general; ...3.0212

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Methane; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

VOLUME REDUCTION AND STABILIZATION OF WASTES FROM SWINE ...Animal Wastes - Feed Lots; Bacteria -nonspecific; Biochemical Oxygen Demand; Fungi -nonspecific; Landfill; Nitrogen and Nitrogen Cpds.; Waste Disposal on Soils; ...3.0216

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Anseriformes; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Detergents -see Surfactants; Feces; Poultry -nonspecific; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...3.0220

HANDLING AND DISPOSAL OF POULTRY MANURE ...Plowing; Poultry -nonspecific; Waste Disposal on Soils; ...3.0221

CIRCULAR DAIRY BARN ...Bos; Farm Structures & Design; Temperature - Air; ...3.0222

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0223

POULTRY WASTE DISPOSAL AND ASSOCIATED ODOR CONTROL ...Bacteria -nonspecific; Bacterial Identification; Desulfovibrio; Feces; Odor; Sulfhydryl Compounds; Waste Disposal-see Solid Waste; ...3.0232

WASTE DISPOSAL ...Aerobic Bacteria; Animal Wastes - Feed Lots; Clostridia; Methane Bacteria -nonspecific; Sewage Bacteria; Soil Microbiology; Temperature - Air; ...3.0233

HANDLING AND DISPOSAL OF POULTRY WASTES ...Aeration; Animal Wastes - Feed Lots; Northeast U. S.; Waste Disposal on Soils; ...3.0234

SYSTEMS FOR ALLEVIATING ODORS FROM POULTRY WASTES ...Aeration (water); Carbon; Costs -see Economics Entries; Feces; Poultry -nonspecific; ...3.0235

POULTRY WASTE HANDLING SYSTEM DESIGN ...Feces; Fungi -nonspecific; Humidity; Landfills -see Water Pollution; Temperature Instruments; Waste Type; ...3.0236

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Animal Wastes - Feed Lots; Denitrification; Lime Treatment; Soil Microbiology; ...3.0237

SANITARY MILK PRODUCTION ...Bos; Food Processing Industries; General Sanitation Methods; ...3.0238

POULTRY WASTE MANAGEMENT AND ODOR CONTROL ...Gallus Domesticus; Humidity; Temperature - Air; Wind -see Air Motion; ...3.0239

POULTRY MANURE PROPERTIES, HANDLING AND DISPOSAL ...Animal Wastes - Feed Lots; Disposal; Feces; Gallus Domesticus; Waste Disposal on Soils; Waste Type; ...3.0240

POULTRY MANURE DISPOSAL AND ASSOCIATED ODOR CONTROL ...Costs -see Economics Entries; Disposal; Feces; Poultry -nonspecific; Waste Type; ...3.0241

IMPROVEMENT OF TREATMENT OF FOOD INDUSTRY WASTE ...Electrochemistry; Electrolytic; ...3.0242

ANIMAL WASTE COMPOSTING WITH CARBONACEOUS MATERIAL ...Mineral Nutrition; Panicum -other; Plant Residues, Humus, Compost; Soil Amendments; Triticum; Waste Disposal on Soils; ...3.0252

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Athiorhodaceae; Bacterial Pollutant Sources; Sewage Lagoons; Thiorhodaceae; ...3.0256

LIVESTOCK WASTE DISPOSAL SYSTEM INVOLVING REUSE OF WATER ...Aeration (water); Aluminum; Bos; Livestock -nonspecific; Sand Filters; Water Reuse; ...3.0257

WASTE TREATMENT FACILITIES DEMONSTRATION ...Animal Wastes - Feed Lots; Effluents - Waste Water; Livestock -nonspecific; Pilot Plants; Red River; ...3.0258

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bos; Drainage; Effluents - Waste Water; Lysimeters; Rural Areas; Sewage; Soil Aeration; Soil pH; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

ENGINEERING SYNTHESIS OF EFFICIENT, ECONOMICAL DAIRY PRODUCTION SYSTEMS ...Bos; Costs -see Economics Entries; Farm Structures & Design; Literature Search; Mathematical Models; ...3.0268

EVALUATION OF BEEF FEEDLOT WASTE MANAGEMENT ALTERNATIVES ...Agricultural Runoff; Animal Wastes - Feed Lots; Beef Industry; Bos; ...3.0272

CATTLE FEEDLOT PEN DESIGN ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sludge; Water Quality Control -general; ...3.0273

IMPROVED METHODS, EQUIPMENT AND FACILITIES FOR INEDIBLE ANIMAL BY-PRODUCTS RENDERING PLANTS ...Food Engineering & Technology; General Sanitation Methods; Product Development Research; Salmonella -nonspecific & -ot.; Tennessee, Texas; ...3.0276

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Effluents - Waste Water; Groundwater; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Trickling Filters; Waste Disposal on Soils; Water Quality Control -general; ...3.0279

MANAGEMENT PRACTICES AFFECTING SWINE PRODUCTION ...Animal Pharmacology; Injury -animal; Space Requirements; Temperature - Air; ...3.0280

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Disposal; Plant Waste Removal, Treatment; Recoverable Materials; Waste Material Recovery; ...3.0282

ENVIRONMENT AND MANAGEMENT OF LAYING HENS ...Gallus Domesticus; Space Requirements; ...3.0285

RESEARCH ON AN ANIMAL-WASTE POLLUTION CONTROL SYSTEM ...Air Pollution; Animal Wastes - Feed Lots; Dewatering, Gas Chromatography; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Waste Water Treatment -general; ...3.0289

UTILIZATION OF AGRICULTURAL WASTES IN CROP PRODUCTION ...Agaricus; Gramineae -other; Mineral Nutrition; Plant Residues, Humus, Compost; Pseudotsuga; Zea Mays - Field Corn; ...3.0294

SUBSURFACE DISPOSAL OF ANIMAL MANURE ...Animal Wastes - Feed Lots; Chlorine; Denitrification; Feces; Plant Tissue Analysis -chem.; Soil Fertility; Waste Disposal, Underground; ...3.0296

AGRICULTURAL WASTES - POULTRY MANURE DISPOSAL AND USE ...Economic Feasibility; Gallus Domesticus; Microorganisms -nonspecific; Phaseolus; Soil pH; Vegetables; ...3.0297

SYSTEM OF SWINE PRODUCTION DESIGNED TO IMPROVE COMPETITIVE POSITION ...Farm Structures & Design; Humidity; Sus; Swine Industry; Wind -see Air Motion; ...3.0303

DESIGN OF FACILITIES FOR ANIMAL WASTE DISPOSAL ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Effluents - Waste Water; Pilot Plants; Puerto Rico; ...3.0306

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

ANALYSIS OF COMPLETE LIVESTOCK PRODUCTION SYSTEMS ...Bos; Farm Structures & Design; Poultry -nonspecific; Sewage Lagoons; Sus; ...3.0313

FARM WASTE DISPOSAL ...Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Irrigation; Model Studies; Physical Models; Sewage Lagoons; Tennessee; ...3.0316

INFLUENCE OF ENVIRONMENT ON PERFORMANCE OF HENS ...Costs -see Economics Entries; Environmental Physiology; Farm Structures & Design; Gallus Domesticus; Space Requirements; ...3.0317

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Contamination - Soil; Groundwater; Playas; Rock - Soil Pollution; Soil Microbiology; Sorghum; Water Pollutants - Path of; ...3.0320

CHARACTERISTICS OF WASTE FROM SOUTHWESTERN CATTLE FEEDLOTS ...Agricultural Runoff; Animal Wastes - Feed Lots; Applied Climatology; Bos; Management (water); Slope; Southwest U. S.; ...3.0321

SOIL TREATMENT OF CATTLE FEEDLOT RUNOFF ...Animal Wastes - Feed Lots; Bos; Rainfall - Runoff Relationship; Waste Disposal on Soils; Water Quality Control -general; ...3.0322

COMMUNITY CAGE HOUSING OF LAYING CHICKENS ...Behavior -vertebrate; Farm Structures & Design; Injury -animal; Space Requirements; Wind -see Air Motion; ...3.0337

LAGOONS FOR DAIRY FARMS ...Animal Wastes - Feed Lots; Bacteria Studies -general; Cellular Catabolism-see Degrad; Lagoon, Temperature - Air; Waste Water Treatment -general; Water Reuse; ...3.0338

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Aerobic Bacteria; Feces; Poultry -nonspecific; Soil Chemical Properties; Waste Disposal on Soils; ...3.0342

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Agricultural Runoff; Animal Wastes - Feed Lots; Poultry -nonspecific; Sewage Lagoons; Staphylococcus Epidermidis; ...3.0348

APPRAISAL OF ADJUSTMENTS IN WISCONSIN AND OTHER LAKE STATES DAIRY FARMING ...Agricultural Economics; Bos; Costs -see Economics Entries; Farm Structures & Design; Optimization - Feasibility; Supply; Wisconsin; ...3.0349

WINTER STORAGE OF DAIRY WASTES IN NORTHERN CLIMATES ...Anaerobic Wastewater Treatment; Bos; Cold Climates; Feces; Noise -see Noise; Sewage Lagoons; ...3.0352

DEVELOPMENT OF PROCESSES FOR IMPROVED FEEDS FROM AGRICULTURAL WASTES ...Food Processing - Additive; Plant Waste Removal, Treatment; Product Development Research; ...3.0361

DAIRY CATTLE MANAGEMENT IN URBAN PROXIMITY ...Bacteria -nonspecific; Product Development Research; Suburban Areas; Urine; ...3.0364

DETERMINE LIGNIN STRUCTURE AND BIOSYNTHESIS ...Aldehydes -nonspecific; Enzymes; Forest Industry; Hydrolysis, Esterification; Oxidants; Plant Waste Removal, Treatment; ...3.0371

RESEARCH STUDIES RELATED TO DEVELOPMENT OF A CRAWFISH PROCESSING INDUSTRY IN LOUISIANA ...Commercial Fishing; Crayfish; Enterprise Studies; Food Engineering & Technology; Mammals -nonspecific; Marketing; Supply; ...3.0374

BIODEGRADATION OF POULTRY MANURE ...Feces; Gallus Domesticus; Microorganisms -nonspecific; Product Development Research; ...3.0377

USE OF POULTRY FAT AND MEAT SCRAPS ...Product Development Research; ...3.0388

SOIL PRODUCTIVITY AS AFFECTED BY MICROBIAL ACTIVITY IN CROP RESIDUES AND ANIMAL WASTES ...Bioindicators; Patulin; Plant Residues, Humus, Compost; Soil Chemical Properties; Soil Microbiology; Soil Temp. -non-specific; Stubble Mulching; Triticum; ...3.0389

A NEW PRACTICAL APPROACH TO DAIRY WASTES ...Bacteria; Impaired Water Use; Waste Disposal on Soils; Water Quality Control -general; ...3.0392

TREATMENT AND UTILIZATION OF WASTES ...Algae -nonspecific; Industrial Wastes; Nutrients; Product Development Research; Waste Water Treatment -general; Water Pollution Sources; ...3.0393

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Coronilla; Fertilizer Industry; Mineral Nutrition; Roads & Highways -see Highways; Soil Amendments; Soil Microbiology; Waste Disposal on Soils; ...3.0399

Farm Pond

PENNSYLVANIA POWER PLANT STUDY ...Air Pollution-chemistry; Industrial Pollution -general; Lead; Pinus Strobus; Power Plants -see Specifics; Sulfur Dioxide; Wind -see Air Motion; ...1.0407

DYNAMICS OF ALGAE POPULATIONS IN FARM FISH PONDS ...Algae f Cyanophyta; Algal Pollutant Sources; Lower Plants; Phytoplankton; Seasonal Distribution; Taxonomy -plant; ...2.0001

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality -general; ...2.0349

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Agricultural Runoff; Great Plains Province; Precipitation; Precipitation Gages; Sediment Yield; Soil Texture; Survey Studies (water); ...2.0366

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ...Agricultural Watersheds; Deposition-general; Hydraulics; New England Province; Physical Properties; Sediments; Snowmelt; Suspension; ...2.0406

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific, Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

THE ROLE OF SOIL IN FARM WASTE MANAGEMENT ...Agricultural Runoff; Sediments; Soil Chemical Properties; Soil Organic Content; ...3.0001

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Alkalinity (water); Bacterial Studies -general; Coliforms - nonspecific; Farm Animal Wastes; Mineralogical Water Properties; Sewage Lagoons; Streptococcus Fecalis; ...3.0059

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Aquatic Ecology - Animal; Dieldrin; Georgia; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Plant Ecology -nonspecific; ...4.0025

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Endrin; Eptam; Filtration; Pesticide Formulation; Pesticide Residues Removal; Ponds; Rural Areas; ...4.0034

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Cotoran; Environment Accumulation Rates; Gossypium; Liquids Or Sprays; Pesticide Movement in Soils; Pesticides -see Pesticide; Rain; Trifluralin; ...4.0061

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silver; Temperature (water); Water Quality Control -general; ...4.0939

Farm Safety -see Safety

STUDY OF THE PRODUCTION AND DISTRIBUTION OF THE CHOLINESTERASE ENZYME IN ORGANOPHOSPHOROUS POISONING ...Disulfoton; Handling & Application; Muridae; Pesticide Action on Animals; Toxicology; ...4.0810

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - INTERACTIONS OF ENDRIN AND ANTICONVULSANT DRUGS IN THE CEREBRAL CORTEX OF ANESTHETIZED ANIMALS ...Caboides; Endrin; Felidae; Pesticide Action on Animals; Pesticide Toxicity in Humans; Strigiformes; ...4.0813

PESTICIDE INDUCED MODIFICATION OF BEHAVIORAL AND BIOELECTRIC RESPONSES TO EXTERNAL STIMULI ...Behavior -vertebrate; Laboratory Animals; Pesticide Action on Animals; Psychology; ...4.0815

Farm Structures & Design

SWINE HOUSING ENVIRONMENT ...Air Pollution -see Specifics; Corrosion, Deterioration; Humidity; Sus; Wind -see Air Motion; ...1.0055

STRUCTURES AND EQUIPMENT TO MINIMIZE STRESS ON BEEF CATTLE ...Air Pollution -see Specifics; Dust; Excessive Moisture; Rain; Wind -see Air Motion; ...1.0309

DESIGN OF GROWTH AND EXPOSURE CHAMBERS ...Air Pollution -see Specifics; Tanks; ...1.0388

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv., Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

LIVESTOCK FARMSTEAD WATER SYSTEMS ...Chemical Treatment (water); Flow Characteristics (water); Mathematical Models; Pumps; Water Distribution Systems; Water Utilization - general; ...2.0901

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Heat Exchange; Maps - general; Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Sus; Wind -see Air Motion; ...3.0069

SWINE HOUSING ENVIRONMENT ...Farm Animal Wastes; Humidity, Sus, Temperature - Air; Wind -see Air Motion; ...3.0183

LABOR EFFICIENCY AS AFFECTED BY DAIRY HOUSING FACILITIES ...Agricultural Economics; Costs -see Economics Entries, Dairy Industry; Farm Animal Wastes; Labor Input; ...3.0187

LABOR REQUIREMENTS FOR PERFORMING FARMSTEAD WORK ELEMENTS ...Agricultural Economics; Bos; Economic Studies -general; Farm Animal Wastes; Labor Input; Management; ...3.0195

MATERIALS HANDLING SYSTEMS FOR NORTH CENTRAL FARMS ...Bos; Farm Animal Wastes; Humidity; North Central U. S., Temperature - Air; Wind -see Air Motion; ...3.0198

FEED AND WASTE REMOVAL STRUCTURES FOR LIVESTOCK ...Bos; Economic Feasibility; Farm Animal Wastes; ...3.0208

EVALUATION OF MEAT ANIMAL HOUSING SYSTEMS IN RELATION TO POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Dust; Groundwater; Space Requirements; Wind -see Air Motion; ...3.0209

DAIRY HERD MANAGEMENT ...Bos; Farm Animal Wastes; ...3.0210

INFLUENCE OF CERTAIN HOUSING AND MANAGEMENT REGIMES ON CONFINEMENT REARING OF GROWING FINISHING PIGS ...Farm Animal Wastes; Humidity; Sus; Temperature - Air; Wind -see Air Motion; ...3.0211

CIRCULAR DAIRY BARN ...Bos; Farm Animal Wastes; Temperature - Air; ...3.0222

ENGINEERING SYNTHESIS OF EFFICIENT, ECONOMICAL DAIRY PRODUCTION SYSTEMS ...Bos; Costs -see Economics Entries; Farm Animal Wastes; Literature Search; Mathematical Models; ...3.0268

SYSTEM OF SWINE PRODUCTION DESIGNED TO IMPROVE COMPETITIVE POSITION ...Farm Animal Wastes; Humidity; Sus; Swine Industry; Wind -see Air Motion; ...3.0303

ANALYSIS OF COMPLETE LIVESTOCK PRODUCTION SYSTEMS ...Bos; Farm Animal Wastes; Poultry -nonspecific; Sewage Lagoons; Sus; ...3.0313

INFLUENCE OF ENVIRONMENT ON PERFORMANCE OF HENS ...Costs -see Economics Entries; Environmental Physiology; Farm Animal Wastes; Gallus Domesticus; Space Requirements; ...3.0317

COMMUNITY CAGE HOUSING OF LAYING CHICKENS ...Behavior -vertebrate; Injury -animal; Space Requirements; Wind -see Air Motion; ...3.0337

APPRAISAL OF ADJUSTMENTS IN WISCONSIN AND OTHER LAKE STATES DAIRY FARMING ...Agricultural Economics; Bos; Costs -see Economics Entries; Farm Animal Wastes; Optimization - Feasibility; Supply; Wisconsin; ...3.0349

STORED GRAIN INSECT PESTS AND THEIR CONTROL IN UTTAR PRADESH, INDIA ...Climates -general; Foreign Agriculture; Insecticides -nonspecific; Pesticide Evaluation; Temperature - Air; Zea Mays - Field Corn; ...4.0305

IMPORTANCE OF NOISE AND ITS POTENTIAL EFFECT ON WOOD USE IN GARDEN APARTMENTS ...Building Acoustics - see Noise; Building Construction; Construction Materials; Home Economics; Noise; Residential Buildings; Structural Mechanics; ...6.0057

RESPONSE OF CAGED MINK TO SONIC BOOM ...Engineering Mechanics; Mustelidae; Noise; Signal Analysis; Vibrations, -bioeffects; ...6.0087

Farms

MINERAL ANALYSIS OF WATER ...Acidity (water); Chemical Analysis (water); Groundwater; Mineralogical Water Properties; Rural Areas; Water Quality Control -general; ...2.0480

Fast Neutrons

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Environmental Hazards; Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

INVESTIGATION OF POSSIBLE SYNERGISTIC EFFECTS OF NEUTRONS AND PHOTONS ON SELECTED MATERIALS ...Dosimetry; X and Gamma Rays; ...5.0348

WEAPONRY RADIATION PENETRATION IN MATTER FOR EVALUATING ATOMIC WEAPONS' EFFECTS ...Nuclear Detonations; Plasmas; Radiation Penetration; X and Gamma Rays; ...5.0368

INFLUENCE OF HIGH LET RADIATIONS ON DIVISION DELAY AND SURVIVAL OF MAMMALIAN CELLS IN VITRO ...Cancer; Cellular Repair Mechanisms; Cobalt; Ionic Effect; Neutron -see Radiation; Vertebrates Excl. Man; X and Gamma Rays; ...5.0461

RBE OF MONOENERGETIC NEUTRONS ...Bacteria -nonspecific; Invertebrates; Muridae; Radiation; Radiation, Low Level; ...5.0486

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS (ABBREV) ...Arabidopsis; Physical Mutagenesis; Radiation Effects -see Rad.; Zea Mays - Field Corn; ...5.0533

NEUTRON DOSE BELOW 500 KEV IN A CRITICALITY ACCIDENT (PART OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY) (ABBREV) ...Accident; Dosimetry; Energy Conversion; Neutron -see Radiation; Nuclear Reactors; Radioactive Hazard; ...5.0793

DEPTH DOSE PARAMETERS FOR FAST NEUTRONS IN TISSUE ...Cancer; Dosimetry; Mammals -nonspecific; Neutron -see Radiation; Radiation Injury Prevention; Yeasts -nonspecific; ...5.0797

THE DETERMINATION OF PLUTONIUM 239 IN LUNG TISSUE BY ACTIVATION ANALYSIS ...Atomic Bomb; Deer -nonspecific; Plutonium; Radiologic Health; ...5.0819

FLUX AND SPECTRUM OF FAST NEURTONS IN NATURAL ENVIRONMENT ...Radioactivity Studies -general; Scintillation Counting; Soil Moisture; ...5.0826

DOSIMETRY ...Americum; Ionizing Radiation -see Rad.; Muridae; Plutonium; Radiation Penetration; X and Gamma Rays; ...5.0830

RESEARCH WITHIN THE FRAMEWORK OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY ...Accident; Dosimetry; Instrumentation; Neutron -see Radiation; Radiation Instruments; Radiologic Health; ...5.0839

RADIATION DOSIMETRY ...Beta Particles; Energy Conversion; Neutron -see Radiation; Radiation Sources -general; Scintillation Counting; Thermal Neutrons; X and Gamma Rays; ...5.0861

BIOLOGICAL AND CLINICAL DOSIMETRY ...Atomic Particle Accelerators; Dosimetry; Monitors and Automatic; Neutron Detectors; ...5.0872

THE MEASUREMENT OF BIOLOGICAL DAMAGE AND ITS RELATIONSHIP TO 'IN-TISSUE' ENERGY ABSORPTION ...Dosimetry; Ionizing Radiation -see Rad.; Iron; Muridae; Radiation Penetration; X and Gamma Rays; ...5.0888

INFLUENCE OF RADIATION QUALITY AND DOSE RATE ON EARLY AND LATE EFFECTS IN CELL-RENEWAL SYSTEMS IN THE MAMMAL ...Developmental Biology -general; Dose Rate, Dose Fractionation; Dosimetry; Mammals -nonspecific; Neutron -see Radiation; Radiation; X and Gamma Rays; ...5.0891

IN-VIVO NEUTRON ACTIVATION ...Americum; Calcium; Chlorine; Iodine; Models (physical) of Anim.&man; Neutron Generator; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Radiation, Whole Body; ...5.0896

RADIATION DOSIMETRY RESEARCH ...Alpha Particles; Detectors and Sensors; Human Developmental Biology; Models (physical) of Anim.&man; Radiation Carcinogenesis; Radiologic Health; X and Gamma Rays; ...5.0924

HEALTH PHYSICS RESEARCH REACTOR AND MONOENERGETIC RADIATIONS FACILITY ...Dosimetry; Ionizing Radiation -see Rad.; Radiation Injury Prevention; Radioactive Hazard; Spectrographic Techniques; Van De Graaff Accelerator; X and Gamma Rays; ...5.0925

THEORETICAL RADIATION DOSIMETRY ...Dosimetry; Monte Carlo Methods; Particle Accelerators; Protons; Radiation -see Specifics; Radiation Penetration; Radioactive Hazard; ...5.0939

RADIATION SAFETY COMMITTEE (U-109) ...Ionizing Radiation -see Rad.; Neutron -see Radiation; Radiation Injury Prevention; Radioactive Hazard; Radioisotopes -nonspecific; Radiologic Health; X and Gamma Rays; ...5.0950

INVESTIGATIONS OF THERMOLUMINESCENT RADIATION DOSIMETRY ...Chemical Dosimetry; Dosimetry; Instrumentation; Neutron -see Radiation; Photochromism; Thermoluminescent Detectors; ...5.0964

Fatigue

PERFORMANCE, RECOVERY, AND MAN-MACHINE EFFECTIVENESS ...Military Personnel; Performance - Behavioral Study; Sleep Deprivation, Fatigue; Stressors, Physiological; Systems Research; Temperature & Humidity Effects; Vibrations, -bioeffects; ...1.0298

WHOLE-BODY EFFECTS OF AIR FORCE NOISE ON PEOPLE ...Auditory Physiology; Aviation Medicine; Infra Red; Noise; Performance - Behavioral Study; Sensory & Perceptual Processes; Ultrasonic -bioeffects; ...6.0010

AIR CREW PERSONNEL NOISE EXPOSURE ...Aerospace Studies; Aircraft; Aviation Medicine; Noise; Noise Abatement; Pilots; Sensory & Perceptual Processes; ...6.0014

PSYCHOLOGICAL AND PHYSIOLOGICAL ADAPTATION TO SIMULATED SONIC BOOMS - PHASE I ...Auditory Stress; Noise; Performance - Behavioral Study; Stressors, Physiological; ...6.0104

Faults - Geology

INFRARED STUDIES IN ICELAND ...Aircraft Remote Sensing; Iceland; Infrared Radiation; Marine Geology; Seismology; Tectonics; ...1.0039

SAN FRANCISCO BAY SEDIMENTS ENGINEERING GEOLOGY STUDIES, CALIFORNIA ...California; Engineering Geology; Mineralogical Properties; Rock Mechanics - Geology; Rocks - Bedrock; Sediment Thickness; Tectonic History - Mountains; Unconsolidated Deposits; ...2.0069

GEOLOGIC INVESTIGATIONS, NEVADA TEST SITE ...Alluvium - Alluvial; Borehole Geophysics; Nevada; Water Table; ...2.0070

SEISMOLOGICAL STUDIES - SANTA BARBARA ...California; Channels; Petroleum Wastes - Spillage; Recovery - Production; Seismology; Tectonics; ...2.0498

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Geological Exploration; Lead; Massachusetts; Rocks - Bedrock; Streams; Surveying; Waste Disposal-see Solid Waste; ...3.0162

RESEARCH ON FAULTS AND FAULT ACTIVITY FOR LAND-USE PLANNING ...Environmental Geology; Environmental Hazards; Literature Search; Nuclear Reactors; Planning; Transportation Management; ...5.0015

Feces

OCCUPATIONAL HEALTH HAZARDS OF RUBBER DUST ...Air Pollution -see Specifics; Cercopithecoidea; Elastomers; Medical, Dental Materials; Occupational Hazards; Toxicology; ...1.0287

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Contamination o Soil; Farm Animal Wastes; Groundwater; Snowmelt Runoff; Soil Microbiology; Urine; Water Pollutants - Path of; ...2.0243

CARCINOGENS IN THE ENVIRONMENT ...Animal Wastes - Feed Lots; Capra; Contamination -see Air & Water; Developmental Physiology; Drainage; Environmental Carcinogenesis; Experimental Teratology; ...2.0399

CHEMICAL INDICATORS FOR FECAL POLLUTION ...Sewage; Water Pollutant Identification; ...2.0465

STUDY OF GROWING AREA STANDARD BY EXAMINING ENTEROPATHOGENS AND INDICATOR LEVELS ...Bacterial Population Surveys; Digestive System - Human; Food Contamination; Mollusca; Salmonella -nonspecific & -ot.; Sewage Bacteria; Water Pollutant Identification; ...2.0785

BACTERIOLOGICAL WATER QUALITY ANALYSES OF METHODS FOR DETECTING FECAL POLLUTION ...Animal Wastes - Feed Lots; Bacterial Pollutant Sources; Coliforms -nonspecific; Sewage Bacteria; Water Pollutant Identification; ...2.0796

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chlorination; Chlorine; Disinfection; Potable Water; Viral Pollutant Sources; Viruses - Animal; Water Supply -general; ...2.0942

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Effluents - Waste Water; Lagoon; Soil Chemical Properties; Soil Filters; Soil Structure -other; Waste Disposal on Soils; ...2.1017

DECOMPOSITION AND DISPERSION OF EXCRETA FROM LAYING HENS AND TURKEYS ...Farm Animal Wastes; Gallus Domesticus; Microorganisms -nonspecific; Soil Organic Content; Space Requirements; ...3.0009

POLLUTION IMPLICATIONS OF ANIMAL WASTE ...Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; ...3.0011

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

A METHOD OF MANURE DISPOSAL FOR A BEEF PACKING OPERATION ...Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Illinois; Solid Waste; Waste Disposal-see Solid Waste; ...3.0121

LIVESTOCK WASTE TREATMENT AND DISPOSAL ...Aeration (water); Anaerobic Wastewater Treatment; Antibiotics -nonspecific; Noise -see Noise; Sewage Lagoons; Waste Disposal on Soils; ...3.0141

INVESTIGATIONS OF BIOLOGY, ECOLOGY AND CONTROL OF INSECT PESTS OF INDIANA LIVESTOCK ...Insecticides - nonspecific; Pesticide Evaluation; Pesticide Interaction With Env; Sus; Zea Mays - Field Corn; ...3.0142

CHEMICAL AND PHYSICAL TREATMENTS OF CATTLE EXCRETA FOR REDUCING ENVIRONMENTAL POLLUTION ...Animal Wastes - Feed Lots; Chemical Treatment (water); Farm Animal Wastes; Product Development Research; Waste Water Treatment -general; ...3.0161

ELECTRO-OSMOSIS ...Electrical Current -bioeffects; Farm Animal Wastes; Models of Biological Systems; Osmotic and Turgor Pressure; ...3.0186

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Groundwater; Lysimeters Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Anseriformes; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Detergents -see Surfactants; Poultry -nonspecific; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...3.0220

POULTRY WASTE DISPOSAL AND ASSOCIATED ODOR CONTROL ...Bacteria -nonspecific; Bacterial Identification; Desulfovibrio; Farm Animal Wastes; Odor; Sulfhydryl Compounds; Waste Disposal-see Solid Waste; ...3.0232

SYSTEMS FOR ALLEVIATING ODORS FROM POULTRY WASTES ...Aeration (water); Carbon; Costs -see Economics Entries; Farm Animal Wastes; Poultry -nonspecific; ...3.0235

POULTRY WASTE HANDLING SYSTEM DESIGN ...Farm Animal Wastes; Fungi -nonspecific; Humidity; Landfills -see Water Pollution; Temperature Instruments; Waste Type; ...3.0236

POULTRY MANURE PROPERTIES, HANDLING AND DISPOSAL ...Animal Wastes - Feed Lots; Disposal; Farm Animal Wastes; Gallus Domesticus; Waste Disposal on Soils; Waste Type; ...3.0240

POULTRY MANURE DISPOSAL AND ASSOCIATED ODOR CONTROL ...Costs -see Economics Entries; Disposal; Farm Animal Wastes; Poultry -nonspecific; Waste Type; ...3.0241

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; ...3.0266

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Groundwater; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Trickling Filters; Waste Disposal on Soils; Water Quality Control -general; ...3.0279

MANAGEMENT PRACTICES AFFECTING SWINE PRODUCTION ...Animal Pharmacology; Farm Animal Wastes; Injury - animal; Space Requirements; Temperature - Air; ...3.0280

INTEGRATED WASTE MANAGEMENT - WATER SYSTEM USING RADIOISOTOPES FOR THERMAL ENERGY ...Biological Waste Recycling; Isotope Effects; Radioisotopes; Urine; Waste Treatment - Radiation; Water Supply Facilities; ...3.0290

SUBSURFACE DISPOSAL OF ANIMAL MANURE ...Animal Wastes - Feed Lots; Chlorine; Denitrification; Farm Animal Wastes; Plant Tissue Analysis -chem.; Soil Fertility; Waste Disposal, Underground; ...3.0296

LAGOONS FOR DAIRY FARMS ...Animal Wastes - Feed Lots; Bacterial Studies -general; Cellular Catabolism-see Degrad; Farm Animal Wastes; Lagoon; Temperature - Air; Waste Water Treatment -general; Water Reuse; ...3.0338

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Aerobic Bacteria; Farm Animal Wastes; Poultry -nonspecific; Soil Chemical Properties; Waste Disposal on Soils; ...3.0342

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Agricultural Runoff; Animal Wastes - Feed Lots; Farm Animal Wastes; Poultry -nonspecific; Sewage Lagoons; Staphylococcus Epidermidis; ...3.0348

WINTER STORAGE OF DAIRY WASTES IN NORTHERN CLIMATES ...Anaerobic Wastewater Treatment; Bos; Cold Climates; Farm Animal Wastes; Noise -see Noise; Sewage Lagoons; ...3.0352

DAIRY CATTLE MANAGEMENT IN URBAN PROXIMITY ...Bacteria -nonspecific; Farm Animal Wastes; Product Development Research; Suburban Areas; Urine; ...3.0364

BIODEGRADATION OF POULTRY MANURE ...Farm Animal Wastes; Gallus Domesticus; Microorganisms -nonspecific; Product Development Research; ...3.0377

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Coronilla; Farm Animal Wastes; Fertilizer Industry; Mineral Nutrition; Roads & Highways -see Highways; Soil Amendments; Soil Microbiology; Waste Disposal on Soils; ...3.0399

DDT IN EGGS AND POULTRY MEAT ...DDT; Food Contamination; Gallus Domesticus; Pesticide Action on Animals; Pesticide in Food Chains; Residues in Foods; ...4.0599

RESPONSES OF DAIRY CATTLE FED FEEDSTUFFS CONTAINING RESIDUES OF CERTAIN AGRICULTURAL CHEMICALS ...Baytex; Chemical Analysis; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0601

METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Domestic Animals; Experimental Teratology; Gallus Domesticus; Insecticides -nonspecific; Pesticide in Food Chains; Pesticide Tolerance Rate; ...4.0608

METABOLISM OF PESTICIDES BY BEEF CATTLE ...Aldrin; DDT; Pesticide Action on Animals; Pesticide Safety Measures; TDE; Urea Cpds. -nonspecific; Vertebrate Anatomy; ...4.0645

METABOLISM OF PESTICIDES IN CATTLE ...Animal Pests; Bos; Domestic Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; Tissue Accumulation Rates; Urine; ...4.0649

FACTORS AFFECTING INSECTICIDE RESIDUES IN MILK ...Bos; Domestic Animals; Metabolites From Pesticides; Pesticide Residues in Feeds; Residues in Foods; ...4.0671

METABOLISM OF PESTICIDAL SYNERGISTS ...Carbon; Metabolites From Pesticides; Pesticide Action on Animals; Toxicology; ...4.0790

METABOLISM OF HEXACHLOROPHENE, A POTENTIAL INTOXICANT ...Canidae; Carbon; Disinfection; Hexachlorophene; Muridae; Toxicology; Urine; ...4.0818

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Amino Triazole; D, 2,4-; Laboratory Animals; Metabolites From Pesticides; Muridae; PMA; ...4.0019

MINERAL INTERACTIONS WITH PESTICIDES ...Domestic Animals; Metabolites From Pesticides; Pesticide Action on Animals; Ronnel; Urine; ...4.0859

TOXICOLOGIC EFFECTS OF HERBICIDE-TREATED PLANTS ON LIVESTOCK ...Atrazine; Chemical Analysis; Pesticide Action on Animals; Pesticide Rates -general; Ranunculaceae; Tissue Accumulation Rates; ...4.0874

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; DDT; Ethion; Kelthane; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agrios; Animal Life History Studies; Azodrin; Baygon; Cruciferas; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Animal Wastes - Feed Lots; Economic Efficiency; Environment; Erosion; Livestock - nonspecific; Optimization, Economic; Pesticides -nonspecific; Sediments; Welfare Economics; ...4.1013

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Chemical Analysis; Metabolites From Pesticides; Pesticide Rates -general; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.1020

MALATHION RESIDUES IN POULTRY MEAT AND EGGS ...Animal; Malaoxon; Metabolites From Pesticides; Pesticide Residues Removal; Residues in Foods; ...4.1028

METABOLISM OF CHLORINATED HYDROCARBON INSECTICIDES IN LIVESTOCK ...Animal; Domestic Animals; Gallus Domesticus; Pesticide Action on Animals; Urine; ...4.1097

METABOLIC FATE OF PESTICIDES IN ANIMALS ...Animal; Capra; Mca-600; Ovis; Pesticide Application Rates; Urine; ...4.1100

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron, Lead; Manganese; Mercury; Radiation Injury Prevention; Sodium; Thallium; Tungsten; Zinc; ...5.0136

NUCLIDE METABOLISM ...Calcium; Cesium; Chlorine; Iron; Mammals -nonspecific; Radiation Injury Prevention; Sodium; Whole Body; ...5.0155

METABOLISM AND DISTRIBUTION OF BONE-SEEKING NUCLIDES BY MAN ...Alpha Particles; Lead; Polonium; Radium; Urine; ...5.0282

METABOLISM AND REMOVAL OF SR 90 AND RA 226 IN MAN ...Aluminum; Beta Particles; Digestive System - Human; Muridae; Phosphorus and Phosphorus Cpds; Radiation Injury Prevention; ...5.0316

METABOLISM AND DOSIMETRY OF 90Y INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Beta Particles; Body Isotope Burden; Canidae; Respiratory Irritants, Inhaled; Yttrium; ...5.0425

TOXICITY OF 144CE INHALED IN FUSED CLAY BY THE BEAGLE DOG ...Aerosols; Body Isotope Burden; Cerium; Microorganisms -nonspecific; Respiratory Irritants, Inhaled; ...5.0426

TOXICITY OF INHALED 90SR CHLORIDE IN THE BEAGLE DOG ...Aerosols; Canidae; Nuclear Warfare; Respiratory Irritants, Inhaled; Urine; ...5.0428

TOXICITY OF INHALED 91Y CHLORIDE IN THE BEAGLE DOG ...Canidae; Microorganisms -nonspecific; Respiratory Irritants, Inhaled; Urine; Yttrium; ...5.0430

RADIATION DOSE PATTERNS ASSOCIATED WITH INHALATION OF ALPHA-EMITTING RADIONUCLIDES BY THE BEAGLE DOG ...Aerosols; Canidae; Digestive System - Human; Occupational Hazards; Radiologic Health; ...5.0432

METABOLISM AND DOSIMETRY OF Y91 INHALED AS FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Canidae; Respiratory Irritants, Inhaled; Yttrium; ...5.0441

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Digestive System - Human; Freezing; Muridae; Photochemical Reactions; Radiation; Radiation Effects - Biological; Urine; ...5.0573

PB-210 STUDIES IN BEAGLES ...Body Isotope Burden; Digestive System - Human; Food Contamination; Lead; Polar Oceanic Areas; Radiologic Health; Toxicology; ...5.0721

SEQUENTIAL RADIOCHEMICAL DETERMINATION OF RADIUM-226, 228, ACTINIUM-227 AND THORIUM-230 IN ENVIRONMENTAL AND PROCESS WASTE SAMPLES ...Actinium A C; Dosimetry; Mine Wastes; Radium; Thorium; Uranium ...5.0830

GROSS ALPHA DETERMINATION IN ENVIRONMENTAL AND BIOLOGICAL SAMPLES ...Alpha Particles; Californium; Polonium; Radioactive Isotopes; Reduction Reactions; Urine; ...5.0833

STUDIES OF URANIUM MINER HAZARDS ASSOCIATED WITH RADON ...Bioassays; Lead; Occupational Hazards; Radiation Effects - Biological; Radon; Urine; ...5.0885

Federal Government -see Gov.

DEVELOPMENT OF A MATHEMATICAL MODEL TO PREDICT THE ROLE OF SURFACE RUNOFF AND GROUND WATER FLOW IN OVERFERTILIZATION OF SURFACE WATERS ...Agricultural Runoff; Eutrophication; Groundwater; Mathematical Models; Minnesota; Phosphorus and Phosphorus Cpds; Water Balance - Budget; ...2.0388

TOCKS ISLAND REGION ENVIRONMENTAL STUDY (TIRES) ...Delaware River; Government -see Federal Gov.; Sewer Systems; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1408

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Expenditures; Finance -see Economics Entries; Lakes; Massachusetts; Model Studies; Riparian Rights; Water Pollution Abatement; Water Resources Planning; ...2.1843

PROGRAM PLANNING ON ACTIVITIES OF AGENCIES OF CONCERN TO PUBLIC WATERS ...Biological Water Properties; Fish & Shellfish Biology; Meetings; Vermont; Water Resources Planning; ...2.1923

NATIONAL CONFERENCE ON SOLID WASTES DISPOSAL SITES ...Disposal; Government -see Federal Gov.; Management (water); Sanitary Landfills; Urban Environment; Waste Disposal-see Solid Waste; ...3.0120

Feed Processing Industries

AN EMISSION AND CONTROL COST STUDY OF THE FEED AND GRAIN INDUSTRY ...Agricultural Studies -general; Air Pollution -see Specifics, Costs -see Economics Entries; Dust; ...1.0462

Fermentation

MICROBIAL INTERACTIONS IN WASTE TREATMENT SYSTEMS ...Anaerobic Wastewater Treatment; Bacterial Studies -general; Membranes; Methane Bacteria -nonspecific; Waste Digestion; Waste Water Treatment -general; ...2.1266

TREATMENT OF AQUEOUS AGRICULTURAL WASTES FOR CLEAN WATER AND FOR MICROBIAL PROTEIN PRODUCTION ...Aeration (water); Biochemical Oxygen Demand; Farm Animal Wastes; Microorganisms -nonspecific; Product Development Research; Surface Active-other; Water Pollution Sources; ...2.1271

MICROBIOLOGY OF ANAEROBIC SLUDGE ...Anaerobic Bacteria; Bacterial Population Surveys; Methane Bacteria -nonspecific; Rate of Reaction; Waste Water Treatment -general; ...3.0251

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific; Calorimetry; Degradation; Fungi -nonspecific; Industrial Wastes; Photolysis; Pulp and Paper Wastes; Thin Layer Chromatography; Waste Water Degradation; ...3.0284

DESIGN OF FACILITIES FOR ANIMAL WASTE DISPOSAL ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Effluents - Waste Water; Farm Animal Wastes; Pilot Plants; Puerto Rico; ...3.0306

Ferns

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -non-

specific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout, Sodium; ...5.0075

Fertilizer Industry

EMISSION FROM THE PHOSPHATE FERTILIZER INDUSTRY - ANALYSIS OF SAMPLES ...Air Pollution Sampling; Air Pollution-chemistry; Chemical Industry; Gases; Particulates - Air Pollution; Product Development Research; Scrubbers; ...1.0110

EFFECTS OF AIR-BORNE FLUORIDES ON CITRUS ...Citrus; Fluorine; Fruit, Nut, and Berry Crops; Herbicides and Other Chem; Industrial Pollution -general; Leaf Analysis; Mineral Composition; ...1.0341

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Cornmills; Farm Animal Wastes; Mineral Nutrition; Roads & Highways -see Highways; Soil Amendments; Soil Microbiology; Waste Disposal on Soils; ...3.0399

Fertilizer Losses

FATE OF SURFACE-APPLIED NITROGEN FERTILIZERS ...Agricultural Runoff; Microorganisms -nonspecific; Non-symbiotic N-fixation; Soil Microbiology; Water Pollutants - Path of; ...2.0141

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

YIELD OF NUTRIENTS FROM AGRICULTURAL LAND TO WATER SOURCES ...Chemical Analysis (water); Fertilizers; Loam -see Soil Types; Sandy Soils -see Soil Type; Silty Soils; Soil Depth; Soil Types -also See Specifics; ...2.0353

QUALITY OF TILE EFFLUENT ...Chemical Analysis (water); Drainage; Effluents - Waste Water; Floods; Nitrogen and Nitrogen Cpds.; Phaseolus; Phosphorus and Phosphorus Cpds; Soil Analysis; Zea Mays - Field Corn; ...3.0587

EFFECTS OF RECENT AND PAST PHOSPHATE FERTILIZATION ON THE AMOUNTS OF PHOSPHORUS PERCOLATING THROUGH SOIL PROFILES INTO SUBSURFACE WATERS. ...Adsorption; Fertilizers; Mineralogy; Model Studies; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Organic Content; ...2.1616

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage ...2.1831

EVALUATION OF POULTRY MANURE AS A FERTILIZER ...Box; Cynodon; Soil Chemical Properties; Trifolium; ...3.0004

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 3,4,5-; Watersheds; ...4.0060

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

Fertilizer Toxicity

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Animal Wastes - Feed Lots; Contamination - Soil; Fertilizers; Nutrients; Percolation (water); Soil Analysis; Soil Minerals -natural; Water Pollutants - Path of; ...2.0081

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots; Contamination - Soil; Cynodon; Farm Animal Wastes; Groundwater; Rain; Soil Chemical Properties; Waste Disposal on Soils; ...3.0065

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

Fibers

EFFECT OF AIR POLLUTANTS ON TEXTILE FABRICS ...Air Pollution Effects; Air Pollution-chemistry; Corrosion, Deterioration; Effects; Home Economics; Humidity - Water Vapor; Temperature; ...1.0313

AIR POLLUTION ...Absorption - Chemistry; Air Pollution; Air Pollution-chemistry; Gases; Home Economics; Sulfur Dioxide; ...1.0372

CLOSED LOOP FILTERING SYSTEM FOR USE IN COTTON GINS ...Dust; Filters; Gossypium; Particulate Matter - Air Poll.; ...1.0592

INFLUENCE OF WATER QUALITY IN MAINTAINING WHITENESS WHEN LAUNDERING WHITE FABRICS ...Bleaching, Coloring; Home Economics; Materials -properties; Mineralogical Water Properties; Organic Matter; Water Quality -general; ...2.0297

CONSERVATION OF WATER AND REDUCTION OF POLLUTION BY USE OF SOLVENT SYSTEMS FOR COLORING TEXTILE MATERIALS ...Dispersants; Plastics; Solvent; Textile Industry; Waste Material Recovery; Water Conservation -general; Water Quality Control -general; ...2.0958

NONAQUEOUS TREATMENTS TO IMPROVE FABRIC PROPERTIES AND REDUCE WATER POLLUTION ...Chemical Mechanisms & Kinetics; Fabrication; Home Economics; Materials -properties; Textile Industry; Water Quality Control -general; ...2.1283

WARP SIZES THAT AVOID STREAM POLLUTION AND IMPROVE DURABLE-PRESS FABRICS ...Coatings -see Materials; Home Economics; Industrial Wastes; Materials -properties; Plastics; Textile Industry; Water Quality Control -general; ...2.1284

TREATMENT OF DYEING BATH WASTE STREAMS BY FOAMING AND FLOTATION TECHNIQUES ...Adsorption, Chemical Effects; Dye Wastes; Foam; Plastics; Southeast U. S.; Textile Industry; ...2.1441

DOMESTIC WATER PROBLEMS AS RELATED TO TEXTILES ...Detergent Builders; Home Economics; Materials -properties; Mineralization; Purity, Impurity; ...2.1604

CHEMICAL INVESTIGATION OF SURFACE CONTAMINATION OF COTTON FIBERS ...Arsenic; Chemical Analysis; Defoliants; Gossypium; Impurity; ...4.0474

Films

TECHNIQUE FOR ACID AEROSOL DETECTION AND ANALYSIS (ABBREV) ...Aerosols; Air Pollution-chemistry; Chemical Analysis -general; Plastics; ...1.0076

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE ...Aircraft Remote Sensing; Chesapeake Bay; Estuaries; Fluorometry; Monolayers; Petroleum Wastes - Spillage; Water Pollutants - Path of; Wind; ...2.0411

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE

CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy, Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0009

RADIATION EFFECTS IN DIELECTRICS ...Electrical; Electronic Mtl.; Ionizing Radiation -see Rad.; Irradiation; Plastics; ...5.0238

Filters-filtration

EUTROPHICATION - REMOVAL OF NUTRIENTS - SHAGAWA LAKE ...Algal Pollutant Sources; Denitrification -see Nitrogen, Eutrophication; Minnesota; Pilot Plants; Trickling Filters; Water Standards & Baselines; ...2.0203

WATER QUALITY MODELING AND PREDICTION ...Dynamic Control System; Economic Theory; Forecasting - Prediction; Model Studies; Prediction Models; Water Pollutants - Path of; ...2.0304

SELF-ADJUSTING AND SELF-CLEANING FILTER FEASIBILITY STUDY ...Chlorination; Materials, Composite; Pollutant Removal; Pressure Effects; Storm Sewer Quantity; ...2.0883

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Ash-coal Filters; Filtration; Pilot Plants; Sand; Soil Particle Size; Turbidity (water); Water Distribution Systems; ...2.0887

DESIGN REQUIREMENTS FOR MUNICIPAL DIATOMITE FILTERS ...Coagulation; Electrochemistry; Process Design; Sewage - Domestic; Turbidity; ...2.0896

FILTRATION OF KRAFT PULP LIQUOR THROUGH CHIPS ...Acidity (water); Effluents - Waste Water; Filtration; Industrial Wastes; Pulp and Paper Wastes; Waste Water Treatment -general; ...2.1074

FILTRATION OF AQUEOUS EFFLUENTS CARRYING EMULSIFIED OILS ...Chemical Water Properties; Coalescence; Fluid Mechanics; Turbidity (water); ...2.1169

ANTELOPE VALLEY WASTE WATER RECLAMATION FACILITY ...Effluent-standards; Flocculation; Impaired Water Use; Pond; Sewage Lagoons; ...2.1179

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Alum Waste Water Treatment; Chlorination; Disinfection; Electrical Phenomena; Fluid Mechanics; Pilot Plants; Tertiary Treatment; Waste Water Treatment -general; ...2.1221

CHEMICAL SLUDGE DISPOSAL AND CHEMICAL RECOVERY AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Burning; District of Columbia; Pilot Plants; Tertiary Treatment; Vacuum Techniques; Waste Material Recovery; Waste Treatment Economics; ...2.1222

A FEASIBILITY STUDY OF ULTRAFILTRATION AND ELECTROPHORETIC DIALYSIS FOR RECOVERY OF VIRUSES IN WASTE AND OTHER WATERS ...Electrodialysis; Reverse Osmosis; Viral Pollutant Sources; Virus; Viruses - Animal; Water Pollution -see Specifics; ...2.1281

TREATMENT OF WASTES USING PEAT, AND PEAT IN COMBINATION WITH SOIL ...Biochemical Oxygen Demand; Organics; Peat; Soil Filters; ...2.1314

TREATMENT NEEDED BY SEWAGE BEFORE INJECTION-WELL RECHARGE ...Artificial Recharge; Chlorination; Rapid Filters; Sand Filters; Tertiary Treatment; Waste Disposal; Underground; ...2.1343

BIOLOGICAL TREATMENT PILOT PLANT AND SLUDGE DISPOSAL FACILITY ...Activated Sludge; Burning; Centrifugation; Dewatering; Pilot Plants; Process Design; Waste Treatment Economics; ...2.1406

WASTE TREATMENT FOR AN INDIVIDUAL HOME WITH REUSE OF THE WATER ...Aeration (water); Flushing Devices; Materials, Composite; Recycle Water; Small Sanitation Unit; ...3.0139

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Chlorination; Combustible Filters; Massachusetts; Pumps; Sewage Bacteria; Storm Sewer Quantity; Waste Treatment Economics; ...3.0169

APPLICATION OF HYPERFILTRATION WITH DYNAMICALLY-FORMED MEMBRANES TO TREATMENT OF MUNICIPAL SEWAGE EFFLUENTS ...Activated Sludge; Effluent-standards; Electrochemistry; Membranes; Porosity; Sewage Tertiary Treatment; ...3.0319

Ash-coal Filters

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Filters-filtration; Filtration; Pilot Plants; Sand; Soil Particle Size; Turbidity (water); Water Distribution Systems; ...2.0887

MULTILAYER FILTRATION ...Filters - Porous Materials; Flocculation; Plastics; Turbidity; ...2.1111

DEVELOPMENT OF PULSATING ADSORPTION FILTER FOR TERTIARY TREATMENT OF WASTE WATERS ...Adsorption; Coal; Organic Matter; Pilot Plants; Sand Filters; Tertiary Treatment; Waste Water Degradation; ...2.1279

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ...Alum Waste Water Treatment; Biochemical Oxygen Demand; Electrodialysis; Flocculation; Ion Exchange; Sand Filters; Solid Waste; Waste Treatment Economics; ...2.1365

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL--SOLIDS SEPARATION BY CHEMICAL TREATMENT AND FILTRATION ...Colloidal Phenomena; Fluid Mechanics; Sand Filters; Turbidity; ...3.0261

EVALUATION AND DEVELOPMENT OF SPECIAL PURPOSE COALS ...Chemical Analysis -general; Coal; Coal Research; Gasification; Reaction; Separation; Utilization; ...3.0304

Carbon Filters

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY REVERSE OSMOSIS ...Chemical Oxygen Demand; Effluents - Waste Water; Fouling; Reverse Osmosis; Tertiary Treatment; ...2.0879

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Chemical Analysis -general; Fluid Mechanics; Ion Exchange; Isotope Tracer -see Tracers; Mechanism Determination; Reactors; Sand Filters; Utilization; ...2.0888

REMOVAL OF ORGANIC CONTAMINANTS ...Organic Matter; Organics; Waste Water Treatment -general; ...2.0927

DEVELOPMENT OF A PROTOTYPE FOR REMOVAL OF ORGANICS FROM WATER ...Filtration; Organic Matter; Pilot Plants; Solvent; Water Chemistry; ...2.1094

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Alum Waste Water Treatment; Chlorination; Disinfection; Electrical Phenomena; Fluid Mechanics; Pilot Plants; Tertiary Treatment; Waste Water Treatment -general; ...2.1221

TREATMENT NEEDED BY SEWAGE BEFORE INJECTION-WELL RECHARGE ...Artificial Recharge; Chlorination; Filters-filtration; Rapid Filters; Sand Filters; Tertiary Treatment; Waste Disposal; Underground; ...2.1343

CARBON COLUMN OPERATION IN WATER TREATMENT ...Carbon; Cellular Physiology- Env. Eff.; Filtration; Microorganisms -nonspecific; Total Organic Carbon; Waste Water Treatment -general; ...2.1350

USE OF GRANULAR ACTIVATED CARBON IN TREATMENT OF WASTE WATERS ...California; Nitrogen and Nitrogen Cpds.; Photometry; Thermal Regeneration; Waste Water Treatment -general; ...2.1360

DISSOLVED REFRACTORY ORGANIC REMOVAL -- CARBON AS AN ADSORBENT AND FILTER MEDIUM ...Coagulation; Organics; Sand Filters; Turbidity; Waste Water Treatment -general; ...2.1371

TERTIARY TREATMENT BY COUNTER-CURRENT CARBON FILTRATION ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Pilot Plants; Sewage Treatment Plant; Total Organic Carbon; ...2.1427

WASTE TREATMENT FOR AN INDIVIDUAL HOME WITH REUSE OF THE WATER ...Aeration (water); Filters-filtration; Flushing Devices; Materials, Composite; Recycle Water; Small Sanitation Unit; ...3.0139

CHEMICAL-PHYSICAL WASTE TREATMENT PLANT DEMONSTRATION ...Hydrolysis; Esterification; Phosphorus and Phosphorus Cpds; Virus; Water Reuse; ...3.0227

Combustible Filters

EFFICIENCY AND ECONOMY OF POLYMERIC SEWAGE CLARIFICATION ...Flocculation; Recycle Water; Urban Research -general; Waste Treatment Economics; ...2.1315

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Chlorination; Filters-filtration; Massachusetts; Pumps; Sewage Bacteria; Storm Sewer Quantity; Waste Treatment Economics; ...3.0169

Porous Filters

TRANSPORT AND FATE OF POLLUTANTS IN SOIL ...Fluid Mechanics; Soil Filters; Waste Disposal-see Solid Waste; Water Reuse; ...2.1295

DEWATERING AND DRYING OF SLUDGE ON POROUS MEDIA ...Colloidal Phenomena; Dewatering; Fluid Mechanics; Gamma Spectroscopy; Sand Filters; Sludge; ...2.1419

Rapid Filters

FLOC STRENGTH AND FILTERABILITY OF PRE-TREATED WATER ...Alum Waste Water Treatment; Coagulation; Flocculation; Lime Treatment; Pilot Plants; Sand Filters; ...2.0874

TREATMENT NEEDED BY SEWAGE BEFORE INJECTION-WELL RECHARGE ...Artificial Recharge; Chlorination; Filters-filtration; Sand Filters; Tertiary Treatment; Waste Disposal, Underground; ...2.1343

Sand Filters

FLOC STRENGTH AND FILTERABILITY OF PRE-TREATED WATER ...Alum Waste Water Treatment; Coagulation; Flocculation; Lime Treatment; Pilot Plants; Rapid Filters; ...2.0874

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Ash-coal Filters; Filters-filtration; Filtration; Pilot Plants; Sand; Soil Particle Size; Turbidity (water); Water Distribution Systems; ...2.0887

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Chemical Analysis -general; Fluid Mechanics; Ion Exchange; Isotope Tracer -see Tracers; Mechanism Determination; Reactors; Utilization; ...2.0890

FACTORS INFLUENCING FREE-LIVING NEMATODES IN WATER SUPPLIES ...Animal Pollutant Sources; Chemical Measurements (water); Chlorination; Chlorine; Environmental Ecology; Mineralogical Water Properties; Nematoda; ...2.0893

SAND FILTRATION OF DISCRETE SUSPENSIONS ...Fluid Mechanics; Turbidity; ...2.0913

TERTIARY TREATMENT BY FLOCCULATION AND RAPID SAND FILTRATION ...Additives; Flocculation; Sedimentation; Tertiary Treatment; Waste Water Treatment -general; ...2.0935

MULTILAYER FILTRATION ...Ash-coal Filters; Filters - Porous Materials; Flocculation; Plastics; Turbidity; ...2.1111

TERTIARY TREATMENT IN THE PURIFICATION OF WASTE WATER ...Activated Sludge; Alum Waste Water Treatment; Denitrification -see Nitrogen; Ocean; Septic Tanks; Trickling Filters; Waste Water Treatment -general; ...2.1180

BIOLOGICAL REMOVAL OF NITRATE ION ON BEDS OF ACTIVATED CARBON OR SAND ...Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Waste Water Treatment -general; ...2.1186

DIATOM REMOVAL BY FLOCCULATION ...Algal Pollutant Sources; Contamination - Water; Flocculation; Oxidation; Pollutant Removal; Temperature (water); ...2.1251

NUTRIENT REMOVAL IN A WATER TREATMENT PLANT ...Biochemical Oxygen Demand; Coagulation; Flocculation; Nutrients; ...2.1252

AMES DESIGN PARAMETERS ...Government -see Federal Gov.; Iowa; Waste Treatment; Waste Treatment Economics; Waste Water Treatment -general; Water Resources Planning; ...2.1269

DEVELOPMENT OF PULSATING ADSORPTION FILTER FOR TERTIARY TREATMENT OF WASTE WATERS ...Adsorption; Ash-coal Filters; Coal; Organic Matter; Pilot Plants; Tertiary Treatment; Waste Water Degradation; ...2.1270

PERFORMANCE OF INTERMITTENT SAND FILTERS ...Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Pollution Abatement; ...2.1342

TREATMENT NEEDED BY SEWAGE BEFORE INJECTION-WELL RECHARGE ...Artificial Recharge; Chlorination; Filters-filtration; Rapid Filters; Tertiary Treatment; Waste Disposal, Underground; ...2.1343

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ...Alum Waste Water Treatment; Biochemical Oxygen Demand; Electrodialysis; Flocculation; Ion Exchange; Solid Waste; Waste Treatment Economics; ...2.1360

DISSOLVED REFRACTORY ORGANIC REMOVAL -- CARBON AS AN ADSORBENT AND FILTER MEDIUM ...Carbon Filters; Coagulation; Organics; Turbidity; Waste Water Treatment -general; ...2.1371

SINGLE STAGE LIME TREATMENT OF WASTEWATER ...Demineralization; Flocculation; Lime Treatment; Tertiary Treatment; Turbidity; Waste Water Treatment -general; ...2.1381

DEWATERING AND DRYING OF SLUDGE ON POROUS MEDIA ...Colloidal Phenomena; Dewatering; Fluid Mechanics; Gamma Spectroscopy; Porous Filters; Sludge; ...2.1419

OPTIMAL CONDITIONING PROCEDURES FOR WASTE ACTIVATED SLUDGE DISPOSAL ...Activated Sludge; Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Dewatering; Digestion; Electrochemistry; Waste Water Treatment -general; ...2.1442

EFFECT OF ENVIRONMENTAL FACTORS ON DESIGN AND OPERATION OF OPEN-AIR SLUDGE DRYING BEDS ...Dewatering; Disposal; Physical Effects; Process Design; Sewage Treating; ...2.1627

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Eutrophication; Florida; Lagoons; Pipe; Sanitary Sewage Quantity; Sewage - Domestic; Sub - Tropic Regions; Water Pollution Abatement; ...3.0189

LIVESTOCK WASTE DISPOSAL SYSTEM INVOLVING REUSE OF WATER ...Aeration (water); Aluminum; Box; Farm Animal Wastes; Livestock -nonspecific; Water Reuse; ...3.0257

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL--FLOCCULATION BY ORGANIC POLYMERS ...Colloidal Phenomena; Electrochemistry; Electrophoresis; Flocculation; Thickening; ...3.0260

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL--SOLIDS SEPARATION BY CHEMICAL TREATMENT AND FILTRATION ...Ash-coal Filters; Colloidal Phenomena; Fluid Mechanics; Turbidity; ...3.0261

Soil Filters

DEVELOPMENT NEUTRON ACTIVATION TECHNIQUES FOR INVESTIGATION OF WATER CLARIFICATION ...Activation Analysis; Coagulation; Flocculation; Zeta Potential; ...2.0915

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Leaching; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Organic Content; Soil Texture; Waste Disposal on Soils; ...2.0988

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Effluents - Waste Water; Feces; Lagoon; Soil Chemical Properties; Soil Structure -other; Waste Disposal on Soils; ...2.1017

TRANSPORT AND FATE OF POLLUTANTS IN SOIL ...Fluid Mechanics; Porous Filters; Waste Disposal-see Solid Waste; Water Reuse; ...2.1295

TREATMENT OF WASTES USING PEAT, AND PEAT IN COMBINATION WITH SOIL ...Biochemical Oxygen Demand; Filters-filtration; Organics; Peat; ...2.1314

ADSORPTION OF VIRUS-SIZED PARTICLES IN POROUS MEDIA ...Artificial Recharge; Forecasting - Prediction; Groundwater Recharge-see Recha; Viral Pollutant Sources; Water Pollution -see Specifics; Water Supply Augmentation; ...2.1387

WASTE WATER ODOR REDUCTION MECHANISMS IN SOIL FILTERS ...Cellular Physiology- Env. Eff.; Degradation -see Pesticide Deg; Filtration; Soil Bacteria; Soil Chemical Properties; Taste & Odor of Water; Water Quality Control -general; ...2.1447

Trickling Filters

EUTROPHICATION - REMOVAL OF NUTRIENTS - SHAGAWA LAKE ...Algal Pollutant Sources; Denitrification -see Nitrogen; Eutrophication; Minnesota; Pilot Plants; Water Standards & Baselines; ...2.0203

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Activated Sludge; Environmental Hazards; Groundwater; Landfill; Precipitation; Sanitary Sewage Quantity; Sewage Lagoons; ...2.0442

TERTIARY TREATMENT BY FLOCCULATION AND RAPID SAND FILTRATION ...Additives; Flocculation; Sedimentation; Tertiary Treatment; Waste Water Treatment -general; ...2.0935

KINETICS OF BIOLOGICAL FILTERS ...Aerobic Waste Water Treatment; Cellular Model Systems; Kinetics; Mathematical Models; Microorganisms -nonspecific; Organics; ...2.0943

THE REMOVAL OF IMPURITIES IN TRICKLING FILTER EFFLUENTS ...Coagulation; Electrophoresis; Pond; Tertiary Treatment; Types of Resources; Zeta Potential; ...2.0944

TERTIARY TREATMENT IN THE PURIFICATION OF WASTE WATER ...Activated Sludge; Alum Waste Water Treatment; Denitrification -see Nitrogen; Ocean; Septic Tanks; Waste Water Treatment -general; ...2.1180

INTEGRATED TREATMENT OF LIQUID WASTES FROM FOOD CANNING OPERATIONS ...Biochemical Oxygen Demand; Canning Wastes -see Food Proc.; Flocculation; Flotation; Food Processing Industries; Organics; ...2.1210

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated; Artificial Recharge; Chemical Water Properties; Hawaii, Land Use; Primary Treatment; Storm Water; Urban Runoff; Water Standards & Baselines; ...2.1239

TREATMENT NEEDED BY SEWAGE BEFORE INJECTION-WELL RECHARGE ...Artificial Recharge; Chlorination; Filters-filtration; Rapid Filters; Sand Filters; Tertiary Treatment; Waste Disposal, Underground; ...2.1343

GEIGY CHEMICAL WASTE TREATMENT FACILITY ...Chemical Industry; Effluent-standards; Organic Waste -see Waste Treat; Waste Water Treatment -general; ...2.1413

REMOVAL OF NITROGENOUS COMPOUNDS FROM A FERTILIZER PLANT EFFLUENT USING A MODIFIED OPERATION OF CONVENTIONAL WASTE TREATMENT SYSTEMS ...Aeration (water); Denitrification -see Nitrogen; Ion Exchange, Precipitation; ...2.1417

PERFORMANCE OF THE INCLINED-PLANE TRICKLING FILTER FOR AEROBIC DISPOSAL OF ANIMAL WASTE ...Animal Wastes - Feed Lots; Farm Animal Wastes; Filtration; Mathematical Models; Model Studies; ...3.0112

RESEARCH INITIATION - REMOVAL OF ORGANICS BY TRICKLING FILTERS ...Filtration, Microorganisms -nonspecific; Organic Matter; ...3.0274

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Groundwater; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Waste Disposal on Soils; Water Quality Control -general; ...3.0279

TREATMENT OF COTTON TEXTILE WASTE BY ENZYMES AND UNIQUE HIGH RATE TRICKLING FILTER SYSTEM ...Aerobic Waste Water Treatment; Catalysts; Effluent-standards; Textile Industry; Waste Treatment Economics; ...3.0315

PHOSPHORUS REMOVAL BY TRICKLING FILTER SYSTEMS ...Biochemical Oxygen Demand; Phosphorus and Phosphorus Cpds; Solid Waste; Waste Management -see Specific; Wisconsin; ...3.0347

Filtration

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Suspension; Urban Runoff; Water Reuse; Watersheds; ...2.0019

VIROLOGICAL METHODS RESEARCH IN WATERS ...Estuaries; Food Contamination; Safety - Recreation; Viral Pollutant Sources; Water Pollution -see Specifics; ...2.0463

COMPARISON OF MULTIPLE TUBE & MEMBRANE FILTER TECHNIQUES FOR COUNTS OF COLIFORM, FAECAL COLI & ENTEROCOCCI IN TROPICAL WATERS ...Australia; Coliforms -nonspecific; Intestinal Bacteria; Marine Plants; Sewage Bacteria; Tropical Regions; ...2.0483

TESTS OF EFFICIENCY OF CHANGES IN FILTER DESIGN AND FILTER MEDIA ...Captive Rearing; Denitrification -see Nitrogen; Water Reuse; ...2.0830

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Animal Life History Studies; Bays; Contamination - Water; Engineering Structures-general; Estuaries; Fish and Shellfish; Physiological Effects; Water Quality -general; ...2.0846

TREATMENT OF WATER-PLANT SLUDGES ...Bench Scale; Coagulation; Crystallization; Dewatering; Lime Treatment; ...2.0870

THE EFFECTIVENESS OF CONTACT FILTER FOR THE REMOVAL OF IRON FROM GROUND WATER ...Flocculation; Groundwater; Oxidation; Pilot Plants; Water Chemistry; ...2.0871

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Ash-coal Filters; Filters-filtration; Pilot Plants; Sand; Soil Particle Size; Turbidity (water); Water Distribution Systems; ...2.0887

NITRATE REDUCTION IN THE VICINITY OF TILE DRAINS ...Denitrification; Drainage; Drainage Engineering; Effluents - Waste Water; ...2.0894

WATER SUPPLIES ...Chemical Water Properties; Chlorination; Disinfectants; Iowa; Turbidity (water); Water Quality -general; Water Utilization -domestic; ...2.0895

DEVELOPMENT NEUTRON ACTIVATION TECHNIQUES FOR INVESTIGATION OF WATER CLARIFICATION ...Activation Analysis; Coagulation; Flocculation; Sand Filters; Zeta Potential; ...2.0915

CARTRIDGE FILTRATION FOR IRON AND MANGANESE REMOVAL ...Coagulation; Demineralization; Groundwater; Ion Exchange; Oxidation; Pollutant Removal; ...2.0939

ELECTROPHORETIC CLARIFICATION OF WATER ...Adsorption; Colloidal Phenomena; Pesticide Residues Removal; Pesticides -see Pesticide; Size; Waste Water Treatment -general; Water Pollutant Identification; ...2.0948

IMPROVING THE QUALITY OF OUR WATER RESOURCES ...Adsorption; Pesticides -see Pesticide; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1015

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Effluents - Waste Water; Feces; Lagoon; Soil Chemical Properties; Soil Filters; Soil Structure -other; Waste Disposal on Soils; ...2.1017

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacteria; Pollutant Sources; Coliforms -nonspecific; Foreign Agriculture; Hydrolysis, Esterification; Pilot Plants; Recharge (water); Sediments; Turbidity (water); ...2.1023

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Irrigation Engineering; Recharge Pits - Wells (water); Soil Profile; ...2.1026

OIL DISPERSION COALESCENCE BY POROUS SOLID CONTACT ...Boat Discharges; Industrial Wastes; Petroleum Wastes - Spillage; ...2.1042

FILTRATION OF KRAFT PULP LIQUOR THROUGH CHIPS ...Acidity (water); Effluents - Waste Water; Filters-filtration; Industrial Wastes; Pulp and Paper Wastes; Waste Water Treatment -general; ...2.1074

DEVELOPMENT OF A PROTOTYPE FOR REMOVAL OF ORGANICS FROM WATER ...Carbon Filters; Organic Matter; Pilot Plants; Solvent; Water Chemistry; ...2.1094

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

TUCSON WASTEWATER RECLAMATION PROJECT ...Arizona; Fish; Pilot Plants; Waste Water Treatment -general; Water Reuse; Water Supply -general; Water Utilization -domestic; ...2.1154

FILTRATION OF AQUEOUS EFFLUENTS CARRYING EMULSIFIED OILS ...Chemical Water Properties; Coalescence; Filters-filtration; Fluid Mechanics; Turbidity (water); ...2.1169

WATER TREATMENT BY REVERSE OSMOSIS METHOD ...Economics; Efficiency; Fresh Water; Membranes; Pilot Plants; Reverse Osmosis; Waste Water Treatment -general; Water Reuse; ...2.1195

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Foreign Agriculture; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Sewage; Water Pollution Abatement; Water Quality -general; ...2.1196

EVALUATION OF TREATMENT FOR URBAN WASTEWATER REUSE ...Coagulation; Colorado; Pilot Plants; Urban Environment; Urban Research -general; Water Reuse; ...2.1197

OILY WATER SEPARATOR ...Fluid Mechanics; Oil Removal; Ship Wastes; Temperature; Waste Treatment; ...2.1207

RECONDITIONING AND REUSE OF FOOD PROCESSING BRINES ...Brines; Canning Wastes -see Food Proc.; Lagoons; Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general; Water Reuse; ...2.1217

PRODUCTION OF WATER AND WASTEWATER TREATMENT EQUIPMENT ...Chemical Treatment (water); Digestion; Disposal; ...2.1220

WATER TREATMENT PLANT WASTES ...Disposal; Ion Exchange; Waste Properties; Waste Water Treatment -general; Water Chemistry; Water Purification; ...2.1253

PILOT SCALE INVESTIGATIONS OF WELL RECHARGE USING CORED SAMPLES ...Aquifers; Cambrian Period; Effluents - Waste Water; Injection Wells; Sandstones; Sewage; Waste Water Treatment -general; ...2.1254

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation; Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

FLOCCULATION AND CLARIFICATION OF MINERAL SUSPENSIONS ...Electrochemistry; Flocculation; Iron; Minnesota; Streaming Potential; ...2.1311

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Centrifugation; Disposal; District of Columbia; Process Design; Waste Drying; Waste Treatment Economics; ...2.1339

CARBON COLUMN OPERATION IN WATER TREATMENT ...Carbon; Cellular Physiology- Env. Eff.; Microorganisms -nonspecific; Total Organic Carbon; Waste Water Treatment -general; ...2.1385

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ...Alum ... Water Treatment; Biochemical Oxygen Demand; Electrodialysis; Flocculation; Ion Exchange; Sand Filters; Solid Waste; Waste Treatment Economics; ...2.1365

NEUTRALIZATION AND PRECOAT FILTRATION OF CONCENTRATION SLUDGES FROM MINE WATER ...Acid Mine Wastes; Benefit-cost Analysis; Drainage; Mining Industry; Neutralization; Waste Treatment Economics; ...2.1391

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Centrifugation; Pilot Plants; Process Design; Waste Drying; Waste Treatment Economics; ...2.1400

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Centrifugation; District of Columbia; Pilot Plants; Process Design; Waste Drying; Waste Treatment Economics; ...2.1407

DEVELOPMENT OF SYSTEMS FOR GROUND WATER RECHARGE INTO THE OGALLALA FORMATION ...Agricultural Runoff; Playas; Ponds; Specific Rock Unit; Texas; ...2.1430

WASTE WATER ODOR REDUCTION MECHANISMS IN SOIL FILTERS ...Cellular Physiology- Env. Eff.; Degradation -see Pesticide Deg; Soil Bacteria; Soil Chemical Properties; Soil Filters; Taste & Odor of Water; Water Quality Control -general; ...2.1447

PILOT STUDIES IN THE RESTORATION OF THE PHYSICAL ENVIRONMENT OF A STREAM TO MAINTAIN A CLEAN WATER FLORA AND FAUNA ...Animal Productivity; Pilot Plants; Rehabilitation -streams -lakes; Size; Water Quality Control -general; ...2.1462

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Industrial Wastes; North Dakota; Plant Waste Removal; Treatment; Soil Analysis; Soil Organic Content; Tillage; Cropping Systems; Waste Water Treatment -general; Water Pollution Effects; ...2.1665

BACTERIAL ADSORPTION ON SOILS ...Adsorption; Bacterial Pollutant Sources; Forecasting - Prediction; Recharge (water); Soil Moisture; Water Pollutants - Path of; Water Wells; ...2.1737

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants; Model Studies; Power Plants -see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

EVALUATE PERFORMANCE OF POULTRY AS AFFECTED BY WATER QUALITY ...Biological Effects; Chlorine; Nutrients; Ponds; Water Utilization -animal; West Virginia; ...2.1774

THE ENVIRONMENT AND TECHNOLOGICAL ASSESSMENT ...Atomic Plants; Environmental Effects - Human; Lake Tahoe; Management (water); Rate of Mutation; ...2.1917

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Eutrophication; Florida; Lagoons; Pipe; Sanitary Sewage Quantity; Sewage - Domestic; Sub - Tropic Regions; Water Pollution Abatement; ...5.0109

PERFORMANCE OF THE INCLINED-PLANE TRICKLING FILTER FOR AEROBIC DISPOSAL OF ANIMAL WASTE ...Animal Wastes - Feed Lots; Farm Animal Wastes; Mathematical Models; Model Studies; Trickling Filters; ...5.0112

WASTE TREATMENT FOR AN INDIVIDUAL HOME WITH REUSE OF THE WATER ...Aeration (water); Filters-filtration; Flushing Devices; Materials; Composite; Recycle Water; Small Sanitation Unit; ...5.0139

EXPERIMENTS TO DETERMINE THE EFFECTIVENESS OF PHOSPHATE REMOVAL BY MEANS OF THE MOVING BED FILTER ...Flocculation; Process Design; Solid Waste; Waste Treatment Economics; ...5.0215

WASTE TREATMENT FACILITIES DEMONSTRATION ...Animal Wastes - Feed Lots; Effluents - Waste Water Farm Animal Wastes; Livestock -nonspecific; Pilot Plants; Red River; ...5.0258

CONVERSION OF EXISTING ANAEROBIC DIGESTERS TO AEROBIC DIGESTERS - FULL PLANT SCALE ...Activated Sludge; Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Digestion; Thin; Pulp and Paper Wastes; ...5.0367

RESEARCH INITIATION - REMOVAL OF ORGANICS BY TRICKLING FILTERS ...Microorganisms -nonspecific; Organic Matter; Trickling Filters; ...5.0274

HIGH-RATE, MULTIPLE MEDIUM FILTRATION FOR SECONDARY TREATMENT OF MUNICIPAL WASTE WATER ...Biochemical Oxygen Demand; Chemical Analysis -general; Coagulation; Digestion; Effluent-standards; Secondary Treatment; Waste Treatment Economics; ...5.0303

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Endrin; Eptam; Pesticide Formulation; Pesticide Residues Removal; Ponds; Rural Areas; ...4.0034

Finance -see Economics Entries

AMMONIA STRIPPING MATHEMATICAL MODEL FOR WASTE WATER TREATMENT ...Aeration (water); Computer Languages; Development of Models; Mathematical Models; Model Studies; Precipitation; Waste Treatment Economics; ...2.1246

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Expenditures; Lakes; Massachusetts; Model Studies; Riparian Rights; Water Pollution Abatement; Water Resources Planning; ...2.1843

PUBLIC INVESTMENT CRITERIA FOR WATER-ORIENTED RECREATION IN THE LAKE ERIE BASIN ...Benefit-cost Analysis; Costs -see Economics Entries; Lake Erie; User Expenditures; Water Quality -general; Water Standards & Baselines; ...2.1896

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization; Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

WATER RESOURCES STUDY BY TEXAS WATER RESOURCES COMMITTEE ...Administrative Organizations; Legal Studies; State Government; Water - Alternative Uses; ...2.1918

FEASIBILITY OF REGIONAL UTILITIES FOR MANAGEMENT OF INDUSTRIAL AND MUNICIPAL WASTES ...Industrial Wastes; Public Utilities; Urban Research -general; Waste Treatment; Water Standards & Baselines; ...5.0190

Finland

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canadae; Cervus; Environmental Effects - Human; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiology; Health; Strontium; ...5.0030

Fire Damage, Recovery

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Freezing & Below; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0002

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Computer Methods -general; Food Supply; Forest Environment -general; Mark, Tag Or Capture; Pesticide Residue Analysis; Pesticides -nonspecific; Quail; ...4.1113

Fire Research -see Forest Fire

CHARACTERIZATION OF SMOKE FROM CELLULOSIC FUELS ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Controlled Atmosphere; Fuels; Pyrolysis; Rate of Reaction; ...1.0015

AIR POLLUTION FROM FOREST AND AGRICULTURAL BURNING ...Air Pollution -see Specifics; Combustion; Gramineae -other; Plant Waste Removal, Treatment; ...1.0016

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS ...Air Pollution - see Specifics; Carbon Monoxide; Fire Behavior - Identification; Fire Prevention; Forest Environment -general; Forest Litter, Duff & Humus; Pinus Taeda; ...1.0043

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Forest Fires -see Fire; Forest Recreation; Handbooks; Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; ...1.0071

THIRTEENTH INTERNATIONAL SYMPOSIUM ON COMBUSTION ...Chemical Mechanisms & Kinetics; Combustion; Fluid Mechanics; Meetings; Propellants; ...1.0131

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Catalysts; Combustion; Food Contamination; Fuels; Mass Spectroscopy; Pyrolysis; Thin Layer Chromatography; ...1.0149

COMPOSITION AND DISTRIBUTION OF FOREST FIRE SMOKE ...Abies; Air Pollution -see Specifics; Chemical Analysis -general; Combustion Air Pollution-gen; Larix; Mathematical Models; ...1.0156

FLAME RETARDANTS AND AIR POLLUTION FROM SLASH BURNING ...Air Pollution-chemistry; Atmospheric Dynamics; Combustion Air Pollution-gen; Forest Fires -see Fire; Smoke; Smoke -see Air Pollution; ...1.0161

THE CONTRIBUTION OF FOREST FIRES TO ATMOSPHERIC POLLUTION ...Air Pollution -see Specifics; Air Pollution-chemistry, Combustion; Fire Behavior - Identification; Fire Damage, Recovery; Smoke; ...1.0162

EFFECTS OF AIR FORCE PROPELLANTS ON THE METABOLISM AND BIOCHEMISTRY OF BODY ORGANS ...Digestive System - Human; Mammals -nonspecific; Propellants; Toxic Substances; Toxicology; ...1.0286

NAVY FIRE FIGHTING SIMULATION ...Air Pollution-chemistry; ...1.0546

INFRARED REMOTE SENSING OF AIR POLLUTANTS AND FOREST FIRES ...Air Pollution Monitoring; Detectors and Sensors; Gases; Infrared Spectroscopy; Radiochemical Analysis; ...1.0742

LIVESTOCK FARMSTEAD WATER SYSTEMS ...Chemical Treatment (water); Farm Structures & Design; Flow Characteristics (water); Mathematical Models; Pumps; Water Distribution Systems; Water Utilization -general; ...2.0901

EFFECTS OF LARGE SCALE FOREST FIRES ON WATER QUALITY IN THE INTERIOR OF ALASKA ...Alaska; Chemical Water Properties; Ecological Effects; Fire Damage, Recovery; Forest Watersheds; Soil Chemical Properties; ...2.1474

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing; Cobalt; Drying; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

Fish

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources; Estuaries; Marine Animals; Marine Environments; Organics; Radioactivity; Trace Elements; Zinc; ...2.0028

PLANKTON COMMUNITY ECOLOGY IN NORTHERN CALIFORNIA LAKES ...Benthic Organisms -nonspecific; Energy Budgets; Forest Watersheds; Lower Plants; Nutrients; Plant Population Dynamics -gen; Water Bacteria; Zooplankton; ...2.0033

RADIONUCLIDE METABOLISM IN AQUATIC ANIMALS ...Animal Habitat Studies; Clams; Crayfish; Invertebrate Physiology; Marine Animals, Radiation Effects - Biological; Radioisotopes -nonspecific; Temperature (water); ...2.0036

WATER QUALITY AND NUTRIENTS, SACRAMENTO-SAN JOAQUIN RIVER SYSTEM ...Animal Productivity; California; Eutrophication; Nutrients; Organic Water Properties; Plankton; Tides; ...2.0041

LEAD POLLUTANTS IN NEAR SHORE MARINE ENVIRONMENTS ...Biological Effects; Lead; Marine Biology - General, Outlets; Sanitary Sewage Quantity; ...2.0049

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Activation Analysis; Cesium; Marine Animals; Radioactive Fallout; Radioactivity; Sea Water Sampling; Zinc; ...2.0051

ACCUMULATION OF METALS IN THE AQUATIC FOOD CHAIN IN THE ILLINOIS RIVER ...Analysis and Detection; Aquatic Soils; Bioassays; Illinois River; Plant Food Chains; Water Pollution Effects; ...2.0125

FATE OF AQUATIC HERBICIDES IN THE AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; Endothall; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Residues; Potable Water; Water Pollutants - Path of; ...2.0127

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology; Benthic Organisms -nonspecific; Coliforms -nonspecific; Fish Food Organisms; Nutrients; Plankton; Survey Studies (water); Water Properties -general; ...2.0158

FISH-MERCURY STUDIES IN THE GREAT LAKES ...Chemical Analysis; Contamination - Water; Great Lakes -see Specific Lake; Mercury; Organic Water Properties; Pesticide in Food Chains; Waterfowl -nonspecific; ...2.0190

CHARACTERIZATION OF ESTERASE(S) PRESENT IN FISH BLOOD ...Marine Biology - General; Pesticide Action on Animals; Pesticides -nonspecific; Pesticides -see Pesticide; Physiological Effects; ...2.0219

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Coastal Engineering -general; Eutrophic Lakes; Eutrophication; General Recreation Studies; New York; Plant Productivity -general; Turbidity (water); Waves -see Ocean Waves; ...2.0271

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases; Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Estuaries; Iron; Marine Animals; Pollution Effects - see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Animal Behavioral Ecology; Atomic Plants; Contamination - Water; Ecological Effects; Environmental Ecology; Lakes; Population Dynamics -general; Thermal Pollution; ...2.0305

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Bioassays; Contamination - Water; Environmental Physiology; Reactor Sites & Rad Waste; Temperature (water); ...2.0306

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Contamination - Water; Data Acquisition; Marine Pollution; Oregon; Pollution Effects -see Water; Salinity (water); Temperature (water); ...2.0335

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Animal Productivity; Chemical Water Properties; Eutrophication; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Primary Productivity - Plants; Zooplankton; ...2.0363

EVALUATION OF ENGINEERING PROJECTS AND ESTUARINE DATA (ESTUARINE PROGRAM) ...Animal Habitat Studies; Construction Sites; Gulf of Mexico; Water Quality Control -general; ...2.0383

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties; Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of; Water Pollution Sources; Water Quality -general; ...2.0400

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Chlorine; Literature Search; Rock - Soil Pollution; Soil Chemical Properties; Soil Saline Properties; Virginia; Water Supply Facilities; ...2.0408

AN EVALUATION OF THE PRODUCTIVITY CHANGES ASSOCIATED WITH LIMING OF SHERWOOD LAKE, WEST VIRGINIA ...Animal Productivity; Lime Treatment; Mineralogical Water Properties; Population Dynamics -general; West Virginia; ...2.0410

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Depth (water); Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Atomic Plants; Columbia River; Energy Conversion; Periphyton; Phosphorus and Phosphorus Cpds; Water Pollution Sources; Zinc; ...2.0420

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS ...Biological Water Properties; Circulation (water); Eutrophication; Fish Food Organisms; Nutrients Phytoplankton; Water Bacteria; Wisconsin; ...2.0443

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection; Chemical Water Properties; Growth; Lakes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Stratification (water); Temperature; ...2.0448

INSHORE FISHERIES HABITAT EVALUATION AND MONITORING ...Animal Habitat Studies; Ecological Effects; Fishing; Mans Pollutional Activities; Marine Plants; Scuba; Types of Resources; ...2.0491

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ...Aircraft Remote Sensing; Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Infrared Radiation; Mapping; Survey Studies (water); Temperature (water); Thermal Pollution; ...2.0524

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

ST. JOHNS RIVER FISHERY PROJECT ...Animal Habitat Studies; Contamination - Water; Environmental Ecology; Fish and Shellfish Mans Pollutional Activities; Pollution Effects -see Water; ...2.0543

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils; Benthic Organisms -nonspecific; Marine Animals; Marine Environments; Marine Geology; Offshore Oil; Pesticides -nonspecific; Petroleum -see Oil; Zooplankton; ...2.0560

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Contamination - Water; Illinois; Invertebrates -nonspecific; Organic Matter; Pollution Effects -see Water; Sediments; ...2.0576

THE IMPACT OF MICROORGANISMS ON OIL ...Bacterial Ecology; Biological Effects; Degradation -see Pesticide Deg; Food Contamination; Louisiana; Ostreidae (oyster); Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0603

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Mineralogical Water Properties; Nutrient Studies -animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

ANALYSIS OF FISH TISSUE FOR MERCURY CONTENT ...Analysis and Detection; Atomic Absorption; Connecticut River; Contamination - Water; Massachusetts; Mercury; Water Pollutant Identification; ...2.0617

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Atlantic Ocean; Marine Biology - General; Marine Pollution; Pesticides -see Pesticide; Sea Water Sampling; Water Standards & Baselines; ...2.0620

THE INVESTIGATION AND ANALYSIS OF BIOCHEMICAL PROCESSES OF AQUATIC ORGANISMS UNDER STRESS ...Animal Pharmacology; Biochemical Analysis - Tissues; Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Physiological Effects; Toxic Substances; Water Standards & Baselines; ...2.0639

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Channels; Drainage; Eutrophication; Pesticide Residues; Pesticides -see Pesticide; Reservoirs and Impoundments; Turbidity (water); ...2.0653

MERCURY CONCENTRATIONS IN THE AQUATIC LIFE FORMS AND THE WATERS OF THE UPPER CLARK FORK RIVER ...Crustacea; Mercury; Mollusca; Montana; Pollution Effects -see Water; Water Pollutant Identification; Water Pollution - see Specifics; ...2.0663

SURVEY OF LAKE NO. 1, WINSLOW TRACT ...Aquatic Ecology - Animal; Chemical Analysis (water); Electro-fishing; Lakes; Nets; New Jersey; Water Utilization -animal; ...2.0679

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Aquatic Ecology - Animal; Biological Water Properties; Chemical Analysis (water); Data Acquisition; Organic Water Properties; Pollution Effects -see Water; Survey Studies (water); ...2.0731

FLORISTIC AND FAUNISTIC SURVEY IN THE CUYAHOGA RIVER WATERSHED ...Algae -nonspecific; Aquatic Ecology - Animal; Ohio; Plant Freshwater Ecology; River Basins; ...2.0732

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE, Dieldrin; Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Aquatic Ecology - Animal; Contamination - Water; Ecological Effects; Pollution Effects -see Water; Reactor Sites & Rad Waste; Survey Studies (water); Thermal Pollution; ...2.0800

WATER COLUMN TESTING OF FERTILIZERS ...Chemical Analysis (water); Lakes; Phytoplankton; Recreation; Water Resources; Warm Temperature -natural; ...2.0832

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Hippolyte; Marine Plants; Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

WATER QUALITY MONITORING STUDIES ...Aquatic Ecology - Animal; Dams -general; Fish and Shellfish; Monitoring; Population Dynamics -general; Water Quality -general; ...2.0854

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED, WALWORTH, ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Algae -nonspecific; Chemical Water Properties; Najadaceae; Physical Water Properties; Range Or Territorial Distr.; Water Pollutant Identification; Watersheds; ...2.0868

INFLUENCE OF SEDIMENTATION UPON THE PRODUCTION OF GAME FISHES ...Animal Productivity; Ecological Effects; Fish Food Organisms; Pollution Effects -see Water; Sediment Yield; Sediments; Turbidity (water); ...2.0881

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Marine Animals; Marine Environments; Marine Photography Television; Ocean Circulation -general; Ocean Currents; Pacific Ocean; Radioactivity; Vertical Distribution; ...2.0972

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Biological Water Properties; Contamination - Water; Effluents - Waste Water; Management (water); Physical Water Properties; Reservoirs and Impoundments; Water Pollutants - Path of; Water Quality Control - general; ...2.1008

REVERSAL OF EUTROPHICATION THROUGH ARTIFICIAL AERATION OF LAKES ...Aeration (water); Benthic Fauna; Eutrophic Lakes; Michigan; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Vertical Distribution; ...2.1045

NEUTRALIZATION EXPERIMENTS ...Acidity (water); Aquatic Ecology - Animal; Lime Treatment; New Jersey; Recreation; Water Resources; ...2.1060

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Cur-

rents (water); Eutrophication; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

TUCSON WASTEWATER RECLAMATION PROJECT ...Arizona; Filtration; Pilot Plants; Waste Water Treatment -general; Water Reuse Water Supply -general; Water Utilization -domestic; ...2.1154

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Algae -nonspecific; Boating; Fishing; Mollusca; Recreation, Water Resources; Sewage Lagoons; Waste Water Treatment -general; ...2.1159

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN ...Cbp; Marine Pollution, Pacific Ocean; Polychlorinated Biphenyl Cpds.; Water Standards & Baselines; ...2.1191

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Lakes; Michigan, Parks; Recreation, Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Aquatic Plants -nonspecific; Fishing; Pollution Effects -see Water; Recreation, Water Resources; Spawn Or Nesting Sites; Water Pollution Effects; ...2.1471

POSSIBLE EFFECTS OF CRUDE OIL ON AQUATIC ORGANISMS ...Alaska; Environmental Physiology; Marine Animals; Petroleum Wastes - Spillage; Pollution Effects -see Water; ...2.1477

EFFECTS OF WATER DIVERSION ON BIOTA AND WATER QUALITY IN THE STATE OF ARKANSAS ...Animal Productivity; Aquatic Ecology - Animal; Chemical Water Properties; Eutrophication; Physical Water Properties; Population Dynamics - general; Vertebrate Anatomy; ...2.1482

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting; Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

COLUMBIA RIVER THERMAL EFFECTS STUDY ...Aquatic Ecology - Animal; Columbia River; Environment Resistance-animals; Forecasting - Prediction; Model Studies; Temperature (water); Thermal Pollution; ...2.1523

SYNERGISTIC EFFECTS OF SUB-LETHAL POLLUTION ON THE DEVELOPMENT OF SELECTED WARM-TEMPERATE AND SUB-TROPICAL FISHES AND CRUSTACEANS ...Captive Rearing; Contamination - Water; Salinity (water); Temperature (water); ...2.1524

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal; Chemical Water Properties; Estuaries; Georgia; Invertebrates -nonspecific; Physical Water Properties; Pulp and Paper Wastes; Turbidity (water); ...2.1537

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Acid Mine Drainage; Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Lakes; Mining Industry; Physical Water Properties; Waste Water Treatment -general; ...2.1551

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Induced Temperature; Oxygen Content (water); Plankton; Temperature (water); Turbidity (water); Turbines; ...2.1552

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Biochemical Analysis - Tissues; Ecological Effects; Energy Conversion; Environmental Physiology; Pollution Effects -see Water; Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1583

THE EFFECT OF INORGANIC SEDIMENT ON STREAM BIOTA ...Animal Productivity; Contamination - Water; Invertebrates - nonspecific; Pollution Effects -see Water; Sediments; ...2.1584

EFFECTS OF POLLUTION, ESPECIALLY FROM FEEDLOTS, ON FISHES IN THE UPPER NEOSHO RIVER BASIN ...Animal Habitat Studies; Aquatic Ecology - Animal; Kansas; Pollution Effects -see Water; River Basins; ...2.1557

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - FISH DISTRIBUTION ...Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Industrial Wastes; Vertical Distribution; ...2.1559

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Captive Rearing; Effluents - Waste Water; Physiological Effects; Tennessee River; ...2.1560

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - CHEMICAL CONCENTRATION IN FISH ...Bioassays; Contamination - Water; Effluents - Waste Water; Industrial Wastes; Physiological Effects; ...2.1564

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Benthic Fauna; Energy Conversion; Estuaries; Fish & Shellfish Biology; Maine; Physical Water Properties; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1568

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Chlorine; Data Acquisition; Effluent-standards; Population Dynamics -general; Species Diversity Measurement; Water Properties -general; ...2.1577

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Animal Productivity; Benthic Fauna; Diatoms (see Also Algae); Energy Budgets; Marine Plants; New England Province; Oxygen Content (water); Sewage; ...2.1586

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Animal Productivity; Aquatic Soils; Environmental Changes, Lakes; Nutrient Studies -animal; Population Dynamics -general; Water Analysis; ...2.1587

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

MONITOR FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ON LAKE MICHIGAN ...Aquatic Ecology - Animal; Contamination - Water; Michigan; Physical Effects; ...2.1595

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST. CROIX (ABBREV) ...Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Fishing; Loss Damages - Recreation; Population Dynamics -general; Temperature (water); Water Pollution Effects; ...2.1603

EFFECT OF PAPER FIBER WASTES ON FISH EGGS AND JUVENILES ...Contamination - Water; Industrial Wastes; Invertebrates -nonspecific; Physiological Effects; Pulp and Paper Wastes; Sphaerotilus; ...2.1605

HEMATOLOGY OF FISH ...Aquatic Ecology - Animal; Contamination - Water; Misaissippi; ...2.1607

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Creel Census; Environment; Lakes; Performance; Power Reservoirs; Temperature (water); Temperature - Air; User Patterns; ...2.1620

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Gastropoda; Mollusca; Physical Water Properties; Taxonomy -animal; Water Pollution Sources; ...2.1623

POLLUTED WATERS ...Animal Habitat Studies; Aquatic Ecology - Animal; Contamination - Water; Missouri; Water Pollution Effects; Water Quality -general; ...2.1624

POLLUTION INVESTIGATIONS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Environmental Physiology; Law Enforcement; Water Pollution Sources; ...2.1625

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Contamination - Water; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; Zinc; ...2.1628

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Atomic Plants; Biological Water Properties, Chemical Water Properties; Energy Conversion; Missouri River; Temperature (water); ...2.1633

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Industrial Wastes; Marine Animals; Mineralogical Water Properties; Physiological Effects; Zooplankton; ...2.1640

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation; Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

PARASITES OF FRESH-WATER FISHES IN NORTH CAROLINA ...Animal Life History Studies; Annelida; Copepoda; Lakes; Nets; Ponds; Temperature (water); ...2.1663

SUBLETHAL INFLUENCE OF POLLUTANTS ON FISH METABOLISM ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Fresh Water; Population Dynamics - general; ...2.1673

EFFECTS OF CHEMICALLY AND BIOLOGICALLY MODIFIED PULPING EFFLUENTS ON THE PRODUCTION OF FISH ...Animal Productivity; Effluents - Waste Water; Fish and Shellfish, Irrigation; Pollution Effects -see Water; Tides; Water Purification; ...2.1676

LITERATURE RESEARCH ON WATER QUALITY REQUIREMENTS AND TOXICOLOGY OF FISHES ...Contamination - Water; Marine Animals; Russia; Water Quality -general; ...2.1679

CYTOPATHOLOGY IN FISH EXPOSED TO STREAM POLLUTANTS ...Acid Mine Drainage; Ecological Effects; Fish Hatcheries; Physiological Effects; Salvelinus; ...2.1690

FISH AND FOOD ORGANISMS IN MINE ACID WATERS OF PENNSYLVANIA ...Acid Mine Drainage; Alkalinity (water); Behavior -vertebrate; Chemical Effects; Physiological Effects; ...2.1691

ECOLOGICAL PARAMETERS OF THE DEVELOPMENT AND FEEDING HABITS OF SIMULIUM SPP. (BLACK FLIES) ...Animal Pollutant Sources; Aquatic Ecology - Animal; Ecological Effects; Eutrophication; Organic Matter; Water Quality - general; ...2.1692

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Copepoda; Environmental Ecology; Marine Animals; Mollusca; Population Dynamics - general; Salinity (water); Thermal Properties; ...2.1693

EFFECTS OF CRUDE OILS AND THEIR EMULSIONS ON MARINE ORGANISMS ...Animal Pharmacology; Contamination - Water: Oil; Ships and Cruises; ...2.1699

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies; Atomic Plants; Effluents - Waste Water; Environmental Physiology; Invertebrate Physiology; Nuclear Reactors; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1708

EFFECTS OF TEMPERATURE ON AQUATIC LIFE ...Animal Productivity; Channels; Model Studies; Temperature (water); ...2.1712

HIGH ANALYSIS FERTILIZER INVESTIGATIONS - FISHERIES ...Aquatic Ecology - Animal; Depth (water); Fertilizers -aquatic; Nutrients; Tennessee; ...2.1718

HEAVY METALS AND LOCOMOTION IN FISH ...Behavior -vertebrate; Data Processing Services; Mineralogical Water Properties; Zinc; ...2.1730

EFFECTS OF SELECTED POLLUTANTS ON CERTAIN GAME AND ROUGH FISH ...Contamination - Water; Environmental Physiology; Industrial Wastes; Pollution Effects -see Water; Water Quality Control -general; ...2.1732

STUDY OF EFFECTS OF MILL WASTE WATER ON FISH LIFE ...Contamination - Water; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; ...2.1735

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology; Degradation -see Pesticide Deg; Energy Conversion; Heat Recovery, Industrial; Induced Temperature; Organic Water Properties; Phytoplankton; Primary Productivity - Plants; ...2.1736

EFFECTS OF TOXICANTS UPON FISH MOVEMENT PATTERNS ...Contamination - Water; Effluents - Waste Water; Industrial Wastes; Pilot Plants; Water Pollutant Identification; ...2.1744

TOXICANTS AND THE EKG AND RESPIRATION OF FISH ...Contamination - Water; Environmental Physiology; Industrial Wastes, Physiological Effects, Water Pollutant Identification; ...2.1745

SOME EFFECTS OF THE RECENT INTRODUCTION OF HARD WATER INTO THE WATER SUPPLY RESERVOIR OF CARVIN COVE, VIRGINIA ...Animal Productivity; Benthic Fauna; Environmental Ecology; Mineralogical Water Properties; Physical Water Properties, Vertical Distribution; Water Pollution Effects; ...2.1747

IMPACT OF LAGOONS AND SAND BLANKETS ON FISH, AQUATIC LIFE AND WATER EQUALITY ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Lagoons; Plankton; Sedimentary Structures; Water Quality -general; Wisconsin; ...2.1777

PHYSIOLOGICAL AND BIOCHEMICAL TECHNIQUES TO ASSESS THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF CHEMICAL WATER POLLUTION ON FISH ...Contamination - Water; Environmental Physiology, Mercury; Physiological Effects; Pollution Effects -see Water; Water Pollutant Identification; ...2.1783

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca, Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Fishery Development - other; Lake Ontario; Pesticides -see Pesticide; Residues in Foods; Water Depth; Water Levels; Water Resources Planning; ...2.1876

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries, ...neral Recreation Studies; Long Island Sound; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Resources Planning; ...2.1880

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Recreation, Water Resources; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides - other; Plant; Tissue Accumulation Rates; ...4.0003

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Granules; Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Aquatic Ecology - Animal; Dieldrin; Farm Pond; Georgia; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Plant Ecology -nonspecific; ...4.0025

PESTICIDE MONITORING PROGRAM LAKE MICHIGAN ...Algae -nonspecific; Environment Accumulation Rates; Lakes; Pesticide in Food Chains; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0028

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

GROSS EFFECTS OF HEXADECANOL AND PLASTIC SHEET BOTTOMS ON AQUATIC LIFE IN PONDS ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Linings - Pavings; Physical Water Properties; Ponds; Water Quality -general; ...4.0054

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds; Chemical Analysis; Ecological Effects; Environmental Ecology; Lakes; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silver; Zea Mays - Field Corn; ...4.0074

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Dbec, -2,4-; Haloragaceae; Paraquat; Pesticide Evaluation; Pesticide in Food Chains; Ponds; ...4.0529

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Aquatic Plants -nonspecific; Carbon; Endrin; Environmental Physiology; Pesticide Action on Animals; Soil Types -also See Specifics; ...4.0532

PESTICIDES RESEARCH ...Alaska; Chemical Analysis; DDT; Invertebrates -nonspecific; Pesticides -see Pesticide; Water Pollution Effects; ...4.0534

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Contamination - Water; Estuaries; Laboratory Animals; Pesticide Interaction With Env; Pesticides -nonspecific; Physiological Effects; Water Quality -general; ...4.0544

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Diphacin; Fungicides -nonspecific; Mammals; Metal Organics -nonspecific; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0566

BIOTELEMETRY AS A TOOL FOR PESTICIDE INVESTIGATIONS ...Animal Distribution; California; Mark, Tag Or Capture; Pesticide Safety Measures; Pheasant; ...4.0567

CHOLINESTERASE ACTIVITY AND BLOOD ENZYME CHANGE STUDIES ...Air Pollution -see Specifics; Contamination - Water; Mercury; Pesticide Action on Animals; Pheasant; ...4.0568

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

LABORATORY BIOASSAYS ...Bioassay; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pesticides -nonspecific; ...4.0595

FACTORS AFFECTING PESTICIDE TOXICITY ...Amphibians; Birds; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticides Compatibility; ...4.0656

FIELD STUDIES OF PESTICIDE EFFECTS ON FISHES ...Animal Productivity; Bioassay; Environmental Physiology; Methoxychlor; Pesticide Action on Animals; Physiological Effects; ...4.0662

EFFECTS OF METHOXYCHLOR ON FISH ...Benthic Organisms - nonspecific; Bioassay; Methoxychlor; Pesticide Action on Animals; ...4.0679

INTERACTIONS BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Animal Resistance; Bioassay; Parathion; Pesticide Action on Animals; ...4.0704

THE INFLUENCES OF ENVIRONMENTAL CONDITIONS ON THE TOXICITY OF PESTICIDES ...Aquatic Ecology - Animal; Bioassays; Pesticides -nonspecific; Pollution Effects -see Water; Water Pollution Effects; ...4.0708

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FISH TO SOME COMMONLY USED PESTICIDES ...Centrarchidae; Invertebrates -nonspecific; Laboratory Animals; Pesticides -nonspecific; Pesticides -see Pesticide; Salmonidae; Water Pollution Effects; ...4.0709

SCREENING OF PESTICIDES AGAINST FRESHWATER FISHES, FY 1971 ...Animal Resistance; Bioassay; Environmental Ecology; Pesticides -nonspecific; Temperature (water); ...4.0713

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; Pesticides -nonspecific; Plant Freshwater Ecology; Temperature (water); Water Quality -general; ...4.0716

CHRONIC TOXICITY OF PESTICIDES TO FRESHWATER FISHES ...Pesticide Action on Animals; Pesticides -nonspecific; Temperature (water); ...4.0719

PESTICIDE EFFECTS ON NITROGEN METABOLISM IN TELEOSTS ...Chemical Analysis; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Pesticide Application Rates; Pesticides -nonspecific; Pesticides -see Pesticide; ...4.0725

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Cell Injury and Autolysis; Pesticide Action on Animals; Pesticides - nonspecific; Pesticides -see Pesticide; Physiological Effects; ...4.0726

DETERMINATION OF ORGANOPHOSPHATES AND THEIR METABOLITES IN FISH BLOOD SERUM AND THEIR EFFECT ON CHOLINESTERASE ACTIVITY ...Bioassay; Organophosphorous Cpds.; Pesticide Action on Animals; Water Pollutant Identification; ...4.0733

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics - general; Water Pollutants - Path of; ...4.0752

NEUTRALIZATION OF ROTENONE WITH ACTIVATED CHARCOAL ...Carbon; Neutralization; Pesticide Residues Removal; Pesticides -see Pesticide; Rotenone; ...4.0776

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Box; DDT; Dieldrin; Endrin; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

PHYSIOLOGICAL AND BEHAVIORAL EFFECTS OF INSECTICIDES ON CORMORANTS ...Animal Behavioral Ecology; DDE; Pesticide Action on Animals; TDE; ...4.0844

PRELIMINARY MONITORING OF PESTICIDES ...DDT; Dieldrin; Mercury; Partridge; Pheasant; ...4.0856

INHIBITORY EFFECT OF DDT IN ATPASE ASSAY MIXTURES ...DDT; DDT -see Pesticides; Pesticide Action on Animals; ...4.0891

EFFECT OF PESTICIDE RESIDUES ON GAME FISH POPULATIONS ...Animal Life History Studies; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Population Dynamics -general; ...4.0893

INSECTICIDES AND EGG-SHELL DEPOSITION ...Annelida; Birds; DDT; Endangered Species; Lake Michigan; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0913

CHRONIC TOXICITY OF INSECTICIDES TO COLD-WATER FISH ...Animal Resistance; Contamination - Water; Insecticides - nonspecific; Pesticide Action on Animals; Temperature (water); ...4.0919

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats - see Animal; ...4.1006

PESTICIDE MONITORING PROGRAM ...Aldrin, BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

MONITORING OF PESTICIDE LEVELS IN THE GREAT LAKES ...Aquatic Ecology - Animal; Great Lakes -see Specific Lake, Lakes; Pesticide Residue Analysis; Pollution Effects -see Water; ...4.1045

SCREENING AQUATIC INVERTEBRATES TO DETECT AN ORGANISM SUITABLE FOR USE IN A MONITORING PROGRAM ...Aquatic Ecology - Animal; Bioassays; Invertebrate Physiology; Invertebrates -nonspecific; Monitoring Systems; Pesticides -nonspecific; Water Pollutant Identification; ...4.1054

IMPROVED CLEANUP PROCEDURE FOR THE REMOVAL OF LIPIDS FROM FISH EXTRACTS-CHLORINATED HYDROCARBON RESIDUE ANALYSIS ...Chemical Analysis; Column Chromatography; Gas Chromatography; Pesticides -nonspecific; Thin Layer Chromatography; ...4.1058

PESTICIDE RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Bioassay; Brassica Species; Cladocera; Leaf Analysis; Pesticide in Food Chains; Trifluralin; ...4.1111

RADIATION OF FISH DURING SYNCHRONOUS MITOSIS ...Radiation, Vertebrates Excl. Man; ...5.0188

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation; Bos; Cricetidae -other; Felidae; Forest Environment -general; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Vertebrates Excl. Man; ...5.0258

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

RESPONSES OF ANIMALS TO IONIZING RADIATION ...Amphibians; Invertebrates; Radiation Effects - Man; X and Gamma Rays; ...5.0640

Acipenseridae

INSTITUTIONAL SEA GRANT SUPPORT ...Dredging; Estuaries; Legal Review; Marine Animals; North Carolina; Serranidae; Water Resources Development; ...2.1886

MAMMALS, FISHES AND BIRDS OF MONTANA ...Animal Behavioral Ecology; Animal Interrelationships -gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management - other; Population Dynamics -general; Salmo Clarki; ...4.0748

Agnatha

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Chemical Water Properties; Control of Nuisance Species; Engineering Structures-general; Flow Characteristics (water); Lake Ontario; Salmonidae; Survey Studies (water); ...2.0260

Anguillidae

EFFECT OF PESTICIDES ON ENZYME SYSTEMS ...Aldrin, Carbamates -nonspecific; Chlordan; Fungicides -nonspecific; Herbicides -nonspecific; Pesticide Action on Animals; ...4.0629

Bothidae

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

Catostomidae

ACID MINE POLLUTION ...Acid Mine Drainage; Biological Water Properties; Mining Industry; Physical Water Properties; Rehabilitation -streams -lakes; Sediments; Strip Mines; Water Pollution Abatement; ...2.0409

EFFECT OF WATER POLLUTANTS AND WATER QUALITY ON EARLY LIFE HISTORY AND POPULATION DYNAMICS OF MINNESOTA FISHES ...Animal Life History Studies; Contamination - Water; Fish Food Organisms; Minnesota; Pollution Effects -see Water; Pulp and Paper Wastes; Temperature (water); ...2.1606

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Effluents - Waste Water; Manganese; Mining Industry; Pollution Effects -see Water; Sediments; Toxic Minerals; Water Purification; ...2.1746

FISHERIES UNIT ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Cladocera; Mark, Tag Or Capture -other; Pesticides -see Pesticide; Population Dynamics -general; ...4.0066

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Cesium; Contamination - Water; Cyprinidae; Energy Budgets; Plant Ecology -nonspecific; Radioactive Fallout; Reactor Sites & Rad Waste; Strontium; ...5.0038

Centrarchidae

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Arkansas; Copepoda; Environmental Ecology; Micropterus Dolomieui; Pathology; Recreation, Outdoor; Water Depth; Water Levels; ...2.1481

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Biological Effects; Cyprinidae; Deltas; Flood Control Planning; Osteichthyes -other; Turbidity (water); ...2.1484

PHYSIOLOGICAL EFFECTS OF SUBLETHAL LEVELS OF ACID WATER ON FISH ...Acidity (water); Bullheads; Contamination - Water; Fish & Shellfish Biology; Physiological Effects; Water Pollution Abatement; ...2.1773

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FISH TO SOME COMMONLY USED PESTICIDES ...Fish; Invertebrates -nonspecific; Laboratory Animals; Pesticides -nonspecific; Pesticides -see Pesticide; Salmonidae; Water Pollution Effects; ...4.0709

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES ...Animal Resistance; Fish; Ictaluridae; Percidae; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0710

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FRESHWATER FISHES TO THREE TOXICANTS ...Abate; Bioassay; Chlordan; Ictaluridae; Salmonidae; ...4.0711

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES, FY 1971 (ABBREV) ...Bioassay; Cyprinidae; Genetic Resistance; Ictaluridae; Salmonidae; ...4.0712

UPTAKE AND METABOLISM BY FISH OF 2,4-D DIMETHYL AMINE SALT ...Carbon; D, 2,4-; Ictalurus Punctatus; Pesticide Formulation; Salmo Gairdneri; ...4.0730

RESIDUES OF FISH CONTROL AGENTS - FLUOROMETRY, THIN LAYER AND GAS CHROMATOGRAPHY FOR ANALYSIS OF QUINALDINE RESIDUES IN FISH (ABBREV) ...Animal Pharmacology; Ictaluridae; Lepomis Macrochirus; Pesticide Formulation; Pesticide Residues; Piscicides -nonspecific; Quinaldine; ...4.0905

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

Lepomis Macrochirus

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Aquatic Ecology - Animal; Chemical Water Properties; Ictalurus Punctatus; Lakes; Lime Treatment; Neutralization; Population Dynamics -general; Stocking of Fish & Shellfish; ...2.1027

CHRONIC EFFECTS OF HEAVY METALS ON FISH ...Animal Pharmacology; Contamination - Water; Percidae; Pollution Effects -see Water; Radioisotopes -nonspecific; Zinc; ...2.1597

ECOLOGICAL RESPONSES OF FISHES AND FISH-FOOD ORGANISMS TO HEATED EFFLUENT - CASE STUDY OF LAKE MONONA, WISCONSIN ...Animal Predation; Electric Power Plants; Environmental Ecology; Lepisosteidae; Temperature (water); Thermal Pollution; ...2.1780

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Aquatic Soils; Dalapon; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Formulation; Pesticide Residues; Ponds; Typhaceae; ...4.0006

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

A TISSUE ENZYME ASSAY FOR CHLORINATED HYDROCARBON INSECTICIDES ...Animal; Bioassays; Cyclodiene Cpds. - nonspecific; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0681

COMPARISON OF METHODS USED TO MEASU E ESTERASE ACTIVITY. INTERACTIONS BETWEEN PES ICIDES ON FISH ENZYME SYSTEMS ...Ictalurus Punctatus; Pesticide Action on Animals; Pesticides -nonspecific; Pesticides -see Pesticide; Salmo Clarki; Spectrographic Techniques; ...4.0702

SEASONAL CHANGES IN ESTERASE ACTIVITY IN FISH AND INVERTEBRATES. INTERACTIONS BETWEEN PESTICIDES ON FISH ENZYME SYSTEMS ...Biochemical Analysis - Tissues; Fish; Invertebrate Physiology; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticides -nonspecific; ...4.0703

POND ECOLOGY AND PRODUCTION AS AFFECTED BY SIMAZINE ...Animal Productivity; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticide Aquatic Cycling; Simazine; ...4.0720

EARLY SQUAMATION OF BLUEGILL (LEPOMIS MACROCHIRUS) AND FATHEAD MINNOWS (PIMEPHALES PROMELAS) EXPOSED TO AROCLORS ...Aroclor; Dyes -nonspecific; Fish; Laboratory Animals; Minnows; Pesticide Action on Animals; ...4.0721

FISH REPRODUCTION AS AFFECTED BY ORGANOCHLORINE INSECTICIDES ...Captive Rearing; Chlordan; Dieldrin; Laboratory Animals; Methoxychlor; Pesticide Residues; ...4.0722

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Aroclor; Dieldrin; Ictalurus Punctatus; Physiological Effects; ...4.0723

MINERAL IMBALANCE IN BLUEGILLS EXPOSED TO MALATHION PESTICIDE-INDUCED MINERAL IMBALANCE IN FISH ...Laboratory Animals; Malathion; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Zinc; ...4.0727

UPTAKE AND METABOLISM BY FISH OF 2,4-D DIMETHYL AMINE SALT ...Carbon; D, 2,4-; Ictalurus Punctatus; Pesticide Formulation; Salmo Gairdneri; ...4.0730

MULTIPLE EXPOSURES OF ABATE TO BLUEGILL, LEPOMIS MACROCHIRUS, AND INVERTEBRATES IN WARM-WATER PONDS ...Abate; Contamination - Water; Invertebrates -nonspecific; Pesticide Action on Animals; Temperature (water); ...4.0741

RESIDUES OF FISH CONTROL AGENTS - FLUOROMETRY, THIN LAYER AND GAS CHROMATOGRAPHY FOR ANALYSIS OF QUINALDINE RESIDUES IN FISH (ABBREV) ...Animal Pharmacology; Centrarchidae; Ictaluridae; Pesticide Formulation; Pesticide Residues; Piscicides -nonspecific; Quinaldine; ...4.0905

THE EFFECTIVENESS OF MCN-JR-7464 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ...Animal Pharmacology; Fish; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Action on Animals; Pesticide Formulation; Salmo Trutta; Temperature (water); ...4.0906

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Cesium; Environmental Ecology; Invertebrate Physiology; Plant Ecology -nonspecific; Plant Freshwater Ecology; Productivity of Fresnwater; Radioactive Pollution -ns; Ruthenium; ...5.0069

Micropterus Dolomieui

THE BEHAVIOR OF SMALLMOUTH BASS AS RELATED TO ARTIFICIAL COVER ...Acidity (water); Aquatic Ecology - Animal; Fish Food Supply -other; Mining Industry; Population Dynamics -general; Water Pollutant Identification; ...2.0762

BOTTOM FAUNA COMPOSITION STUDIES ...Aquatic Ecology - Animal; Benthic Fauna; Eutrophication; Physical Control; Taxonomy -animal; Virginia; ...2.0833

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Arkansas; Copepoda; Environmental Ecology; Pathology; Recreation, Outdoor; Water Depth, Water Levels; ...2.1481

Micropterus Salmoides

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Fish Food Organisms; Lake Stages; Pathology; Plankton; Reservoirs and Impoundments; ...2.0021

IMPAIRMENT OF THE FLAVOR OF FISH BY WATER POLLUTANTS ...Food Contamination; Organic Matter; Salmo Gairdneri; Sulfhydryl Compounds; ...2.0328

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Aquatic Ecology - Animal; Chemical Water Properties; Ictalurus Punctatus; Lakes; Lime Treatment; Neutralization; Population Dynamics -general; Stocking of Fish & Shellfish; ...2.1027

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Arkansas; Copepoda; Environmental Ecology; Micropterus Dolomieui; Pathology; Recreation, Outdoor; Water Depth, Water Levels; ...2.1431

EFFECTS OF LIMNOLOGICAL FACTORS ON UPTAKE OF 137CS BY FISH ...Acidity (water); Analysis of Variance; Aquatic Ecology - Animal; Chemical Analysis (water); Lakes; Organic Water Properties; Regression Analysis; ...2.1593

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology - Animal; Embryology -basic; Environmental Physiology; Fish Food Supply -other; Temperature (water); Water Pollution Effects; Water Quality -general; ...2.1649

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Aquatic Soils; Dalapon; Ictalurus Punctatus; Pesticide Formulation; Pesticide Residues; Ponds; Typhaceae; ...4.0006

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Algae -nonspecific; Aquatic Ecology - Animal; Cichlidae; Fish; Methoxychlor; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Water Pollutants - Path of; ...4.0029

THE EFFECTIVENESS OF MCN-JR-7464 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ...Animal Pharmacology; Fish; Ictalurus Punctatus; Pesticide Action on Animals; Pesticide Formulation; Salmo Trutta; Temperature (water); ...4.0906

Pomoxis Spp.

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Cesium; Environmental Ecology; Invertebrate Physiology; Plant Ecology -nonspecific; Plant Freshwater Ecology; Productivity of Freshwater; Radioactive Pollution -ns; Ruthenium; ...5.0069

Chondrichthyes

COMPARATIVE STUDY OF THE EFFECTS OF X-IRRADIATION ON THE ELASMOBRANCH BRAIN ...Felidae; Injury - animal; Injury and Shock; Radiation Effects - Biological; Vertebrate Anatomy; X and Gamma Rays; ...5.0518

Selachii

EFFECTS OF IONIZING RADIATION ON THE ELASMOBRANCH BRAIN ...Injury -animal; Injury and Shock; Vertebrates Excl. Man; X and Gamma Rays; ...5.0361

Cichlidae

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Algae -nonspecific; Aquatic Ecology - Animal; Fish; Methoxychlor; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Water Pollutants - Path of; ...4.0029

NERVE IMPULSE TRANSMISSION CHARACTERISTICS OF ISOLATED FISH-NERVE PREPARATIONS PERFUSED WITH PHYSIOLOGICAL LEVELS OF SELECTED PESTICIDES ...Chlorinated Hydrocarbons; Ictaluridae; Pesticide Action on Animals; Pesticides -see Pesticide; Salmonidae; Water Pollution Effects; ...4.0699

Clupeidae

ENVIRONMENTAL FACTORS AFFECTING FISHERIES ...Circulation (water); Delaware River; Environment Resistance-animals; Osteichthyes -other; Pleuronectidae; Spawning & Nesting Sites; Temperature (water); ...3.1642

Cottidae

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bullheads; Ecological Effects; Environmental Physiology; Marine Animals; Osteichthyes -other; Population Dynamics -general; Temperature Stress; ...2.1498

ABUNDANCE AND COMPOSITION OF DEEP AND SHALLOW WATER MACROPLANKTON AND LITTORAL FISH POPULATIONS IN AND ABOUT THE SANTA BARBARA CHANNEL ...Animal Habitat Studies; Biological Effects; Channels; Hippolyte; Osteichthyes -other; Plankton Sampling; Scorpaenidae; ...2.1501

Cyprinidae

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Biological Effects; Centrarchidae; Deltas; Flood Control Planning; Osteichthyes -other; Turbidity (water); ...2.1484

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Aquatic Ecology - Animal; Electro-fishing; Ictalurus Punctatus; Nets; Temperature (water); ...2.1634

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES ...Animal Resistance; Centrarchidae; Fish; Ictaluridae; Percidae; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0710

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES, FY 1971 (ABBREV.) ...Bioassay; Genetic Resistance; Ictaluridae; Salmonidae; ...4.0712

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Cesium; Contamination - Water; Energy Budgets; Plant Ecology -nonspecific; Radioactive Fallout; Reactor Sites & Rad Waste; Strontium; ...5.0038

Carassius Auratus

EFFECT OF INCREASED TEMPERATURE ON CELL PROLIFERATION KINETICS OF THE GOLDFISH ...Environmental Physiology; Temperature (water); ...2.1654

FISH OPERCULAR RESPONSE TO ENVIRONMENTAL VARIABLES ...Animal Life History Studies; Aquatic Ecology - Animal; Environmental Physiology; Minnows; Temperature (water); Water Quality -general; ...2.1668

EFFECT OF ENDRIN ON EGG-SPERM FORMATION AND EMBRYONIC DEVELOPMENT ...Embryology -basic; Endrin; Ictalurus Punctatus; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Water Pollution Effects; ...4.0531

EFFECTS ON THE SPERMIATION RESPONSE OF GOLDFISH AFTER EXPOSURE TO SELECTED PESTICIDES ...Pesticide Action on Animals; Pesticides -nonspecific; Pesticides -see Pesticide; Water Pollution Effects; ...4.0698

2,4-D UPTAKE AND METABOLISM - METABOLISM OF PESTICIDES IN FISH ...Carbon; D; 2,4-; Ictalurus Punctatus; Laboratory Animals; Salmo Gairdneri; ...4.0728

Cyprinus Carpio

PHYSIOLOGICAL RESPONSES TO THERMAL POLLUTION ...Contamination - Water; Energy Conversion; Environmental Physiology; Physiological Effects; Temperature (water); Thermal Pollution; Urine; ...2.1782

Minnows

FISH OPERCULAR RESPONSE TO ENVIRONMENTAL VARIABLES ...Animal Life History Studies; Aquatic Ecology - Animal; Carassius Auratus; Environmental Physiology; Temperature (water); Water Quality -general; ...2.1668

THE EFFECTS OF METHOXYCHLOR ON PERCH AND FATHEAD MINNOWS ...Aquatic Ecology - Animal; Bioassay; Pesticide Action on Animals; Stocking of Fish & Shellfish; ...4.0678

EARLY SQUAMATION OF BLUEGILL (LEPOMIS MACROCHIRUS) AND FATHEAD MINNOWS (PIMEPHALES PROMELAS) EXPOSED TO AROCLORS ...Aroclor; Dyes -nonspecific; Fish; Laboratory Animals; Lepomis Macrochirus; Pesticide Action on Animals; ...4.0721

DEVELOPMENT OF A STRAIN OF FISH RESISTANT TO AN ORGANOPHOSPHATE PROJECT - INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Bioassays; Genetic Resistance; Organophosphorous Cpds.; Pesticide Action on Animals; Poeciliid; ...4.0731

INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Bioassays; Ddvp; Pesticide Action on Animals; Pesticide Formulation; Physiological Resistance; Poeciliid; ...4.0732

Notropis Spp.

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Biological Effects; Centrarchidae; Cyprinidae; Deltas; Flood Control Planning; Osteichthyes -other; Turbidity (water); ...2.1484

Cyprinodontidae

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Mineralogical Water Properties; Temperature (water); Water Pollution Effects; ...3.0613

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Contamination - Water; Environmental Physiology; Temperature (water); Toxic Substances; Toxicology; Water Pollution -see Specifics; Water Pollution Effects; ...3.0614

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Biological Effects; Centrarchidae; Cyprinidae; Deltas; Flood Control Planning; Osteichthyes -other; Turbidity (water); ...2.1484

PHYSIOLOGICAL ADAPTATION OF TWO SPECIES OF FISHES, FUNDULUS HETEROCLITUS AND SALMO GAIRDNERI, TO ALTERED WATER QUALITY PARAMETERS ...Contamination - Water; Environmental Physiology; Optical Properties of Water; Salinity (water); Salmo Gairdneri; Vertebrate Anatomy; ...2.1647

PHARMACOLOGY OF METAL POISONING IN ESTUARINE FISHES ...Animal Pharmacology; Contamination - Water; Environmental Physiology; Mineralogical Water Properties; Pollution Effects -see Water; ...2.1700

COMPARATIVE TOXICITIES OF METALS TO ESTUARINE FISHES ...Aluminum; Bioassays; Environmental Physiology; Industrial Wastes; Marine Animals; Toxic Substances; ...2.1701

HISTOPATHOLOGIC EFFECTS OF POLLUTANTS ON CELLS AND TISSUES OF MARINE FISHES ...Contamination - Water; Lead; Marine Animals; Mineralogical Water Properties; Physiological Effects; ...2.1704

RELATIONSHIPS BETWEEN SUB-LETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ...Behavior - vertebrate; DDT -see Pesticides; Fish; Laboratory Animals; Pesticide Evaluation; Pesticides -nonspecific; Psychology; ...4.0898

Embiotocidae

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Estuaries; Marine Animals; Pesticide Action on Animals; Pesticide Toxicity in Animals; Physical Models; Pollution Effects -see Water; Sevin; ...4.0825

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in

Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

Engraulidae

MACRO-NEKTON INVESTIGATIONS OFF THE COLUMBIA RIVER MOUTH ...Aquatic Ecology - Animal; Gadidae; Osmeridae; Reactor Sites & Rad Waste; Vertical Distribution; ...5.0086

Esocidae

THE FISHERY OF THOMAS HILL RESERVOIR ...Biological Effects; Electric Power Plants; Energy Conversion; Power Reservoirs; Stocking of Fish & Shellfish; Temperature (water); Thermal Pollution; ...2.1621

INVESTIGATIONS ON FATE OF CONTROL AGENTS IN FISH WORK UNIT RESIDUES OF MS-222 IN NORTHERN PIKE, MUSKELLUNGE, WALLEYE (ABBREV) ...Animal Pharmacology; Chemical Analysis; Ms-222; Stizostedion Vitreum Vitreum; ...4.0904

Gadidae

FUR ANIMAL STUDIES (MINK) ...Chemical Analysis; DDT; Domestic Animals; Muridae; Mustelidae; Pesticide Formulation; Pesticide Residues Removal; TDE; ...4.0664

MACRO-NEKTON INVESTIGATIONS OFF THE COLUMBIA RIVER MOUTH ...Aquatic Ecology - Animal; Engraulidae; Osmeridae; Reactor Sites & Rad Waste; Vertical Distribution; ...5.0086

Ictaluridae

EFFECT OF TEMPERATURE ON BACTERIA ...Atomic Plants; Bacterial Population Surveys; Columbia River; Environmental Aspects; Water Bacteria; ...2.0422

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bullheads; Ecological Effects; Environmental Physiology; Marine Animals; Osteichthyes -other; Population Dynamics -general; Temperature Stress; ...2.1498

DETERMINATION OF THE TOXICITY OF TERRAMYCIN TO CATFISHES (REVISED) ...Animal Pharmacology; Ictalurus Punctatus; Laboratory Animals; Pesticide Formulation; Terramycin; ...4.0540

NERVE IMPULSE TRANSMISSION CHARACTERISTICS OF ISOLATED FISH-NERVE PREPARATIONS PERFUSED WITH PHYSIOLOGICAL LEVELS OF SELECTED PESTICIDES ...Chlorinated Hydrocarbons; Cichlidae; Pesticide Action on Animals; Pesticides -see Pesticide; Salmonidae; Water Pollution Effects; ...4.0699

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES ...Animal Resistance; Centrarchidae; Fish; Percidae; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0710

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FRESHWATER FISHES TO THREE TOXICANTS ...Abate; Bioassay; Chlordan; Salmonidae; ...4.0711

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES, FY 1971 (ABBREV) ...Bioassay; Cyprinidae; Genetic Resistance; Salmonidae; ...4.0712

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Aldrin; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...4.0807

RESIDUES OF FISH CONTROL AGENTS - FLUOROMETRY, THIN LAYER AND GAS CHROMATOGRAPHY FOR ANALYSIS OF QUINALDINE RESIDUES IN FISH (ABBREV) ...Animal Pharmacology; Centrarchidae; Lepomis Macrochirus; Pesticide Formulation; Pesticide Residues; Pisicides -nonpecific; Quinaldine; ...4.0905

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

Bullheads

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Biological Effects; Centrarchidae; Cyprinidae; Deltas; Flood Control Planning; Osteichthyes -other; Turbidity (water); ...2.1484

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Ecological Effects; Environmental Physiology; Marine Animals; Osteichthyes -other; Population Dynamics -general; Temperature Stress; ...2.1498

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Acid Mine Drainage; Aquatic Ecology - Animal; Environment Resistance-animals; Environmental Physiology; Fish Food Supply - other; Management (water); Pollution Effects -see Water; Water Resources Planning; ...2.1771

PHYSIOLOGICAL EFFECTS OF SUBLETHAL LEVELS OF ACID WATER ON FISH ...Acidity (water); Contamination - Water; Fish & Shellfish Biology; Physiological Effects; Water Pollution Abatement; ...2.1773

THE EFFECTS OF ANTIMYCIN A ON THE METABOLISM OF SELECTED TISSUES IN FISH (ABBREV) ...Antimycin A; Bioassay; Control of Nuisance Species; Pesticide Action on Animals; Salmo Gairdneri; ...4.0907

Ictalurus Punctatus

INVESTIGATION OF THE MERCURY POLLUTION OF LAKE ERIE AND ITS AQUATIC LIFE ...Aquatic Ecology - Animal; Contamination - Water; Lake Erie; Mercury; Physiological Effects; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...2.0259

HEAVY METAL RESIDUES IN CHANNEL CATFISH FROM SELECTED WATERSHEDS IN NEBRASKA ...Aquatic Ecology - Animal; Contamination - Water; Lead; Nebraska; Watersheds; ...2.0664

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Aquatic Ecology - Animal; Chemical Water Properties; Lakes; Lime Treatment; Neutralization; Population Dynamics -general; Stocking of Fish & Shellfish; ...2.1027

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth; Water Levels; ...2.1272

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Ecological Effects; Environment Resistance-animals; Heat Recovery, Industrial; Photosynthesis; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Aquatic Ecology - Animal; Electro-fishing; Nets; Temperature (water); ...2.1634

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

PRELIMINARY STUDIES ON ENDRIN AND OTHER PESTICIDE UPTAKES BY FINGERLING CHANNEL CATFISH ...Endrin, Pesticide Action on Animals; ...4.0005

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Aquatic Soils; Dalapon; Micropterus Salmoides; Pesticide Formulation; Pesticide Residues; Ponds; Typhaceae; ...4.0006

EFFECT OF ENDRIN ON EGG-SPERM FORMATION AND EMBRYONIC DEVELOPMENT ...Carassius Auratus; Embryology - Basic; Endrin; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Water Pollution Effects; ...4.0531

DETERMINATION OF THE TOXICITY OF TERRAMYCIN TO CATFISHES (REVISED) ...Animal Pharmacology; Ictaluridae; Laboratory Animals; Pesticide Formulation; Terramycin; ...4.0540

THE UPTAKE OF AND BIOLOGICAL RESPONSES TO AROCLORS IN CHANNEL CATFISH ...Aroclor; Fish; Nutrition; Oral; Pesticide Action on Animals; ...4.0695

72-HR THYROIDAL I125 UPTAKE IN IMMATURE CHANNEL CATFISH FOLLOWING EXPOSURE TO 5 DOSES OF SELECTED TOXICANTS (ABBREV) ...Chlorinated Hydrocarbons; Iodine; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0700

COMPARISON OF METHODS USED TO MEASURE ESTERASE ACTIVITY. INTERACTIONS BETWEEN PESTICIDES ON FISH ENZYME SYSTEMS ...Lepomis Macrochirus; Pesticide Action on Animals; Pesticides -nonspecific; Pesticides -see Pesticide; Salmo Clarki; Spectrographic Techniques; ...4.0702

EFFECTS OF PARATHION AND MALATHION ON WARM-WATER FISH PONDS ...Aquatic Ecology - Animal; Malathion; Pesticide Action on Animals; Pesticides -see Pesticide; Temperature (water); ...4.0717

UPTAKE, PERSISTENCE AND METABOLITES OF SEVIN BY CHANNEL CATFISH ...Pesticide Action on Animals; Pesticides - see Pesticide; Sevin; Water Pollution Effects; ...4.0718

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Aroclor; Dieldrin; Lepomis Macrochirus; Physiological Effects; ...4.0723

2,4-D UPTAKE AND METABOLISM - METABOLISM OF PESTICIDES IN FISH ...Carassius Auratus; Carbon; D, 2,4-; Laboratory Animals; Salmo Gairdneri; ...4.0728

UPTAKE AND METABOLISM BY FISH OF 2,4-D DIMETHYL AMINE SALT ...Carbon; D, 2,4-; Pesticide Formulation; Salmo Gairdneri; ...4.0730

THE RELATIONSHIP BETWEEN THE USE OF AGRICULTURAL CHLORINATED HYDROCARBONS AND THEIR RESIDUES IN CHANNEL CATFISH ...Chemical Analysis; DDT; Fish; Land Use; Pesticides -see Pesticide; River Basins; ...4.0754

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Aldrin; Dieldrin; Ictaluridae; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...4.0807

THE EFFECTIVENESS OF MCN-JR-7464 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ...Animal Pharmacology; Fish; Micropterus Salmoides; Pesticide Action on Animals; Pesticide Formulation; Salmo Trutta; Temperature (water); ...4.0906

Labridae

EFFECTS OF ELEVATED TEMPERATURE ON SPAWNING AND DEVELOPMENT OF FISHES ...Animal Productivity; Embryology -basic; Photoperiod; Salinity (water); Sparidae; Temperature (water); ...2.1698

Lepisosteidae

ECOLOGICAL RESPONSES OF FISHES AND FISH-FOOD ORGANISMS TO HEATED EFFLUENT - CASE STUDY OF LAKE MONONA, WISCONSIN ...Animal Predation; Electric Power Plants; Environmental Ecology; Temperature (water); Thermal Pollution; ...2.1780

Osmeridae

MACRO-NEKTON INVESTIGATIONS OFF THE COLUMBIA RIVER MOUTH ...Aquatic Ecology - Animal; Engraulidae; Gadidae; Reactor Sites & Rad Waste; Vertical Distribution; ...5.0086

Osteichthyes -other

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Biological Effects; Centrarchidae; Cyprinidae; Deltas; Flood Control Planning; Turbidity (water); ...2.1484

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bullheads; Ecological Effects; Environmental Physiology; Marine Animals; Population Dynamics -general; Temperature Stress; ...2.1498

ABUNDANCE AND COMPOSITION OF DEEP AND SHALLOW WATER MACROPLANKTON AND LITTORAL FISH POPULATIONS IN AND ABOUT THE SANTA BARBARA CHANNEL ...Animal Habitat Studies; Biological Effects; Channels; Hippolyte; Plankton Sampling; Scorpaenidae; ...2.1501

ENVIRONMENTAL FACTORS AFFECTING FISHERIES ...Circulation (water); Clupeidae; Delaware River; Environment Resistance-animals; Pleuronectidae; Spawning & Nesting Sites; Temperature (water); ...2.1642

TEMPERATURE AND LENGTH OF LIFE IN THE ANNUAL FISH, NOTHOBRANCHIUS GUENTHERI ...Environmental Physiology; Temperature (water); Temperature & Humidity Effects; ...2.1655

INSTITUTIONAL SEA GRANT SUPPORT ...Acipenseridae; Dredging; Estuaries; Legal Review; Marine Animals; North Carolina; Serranidae; Water Resources Development; ...2.1886

MACRO-NEKTON INVESTIGATIONS OFF THE COLUMBIA RIVER MOUTH ...Aquatic Ecology - Animal; Engraulidae; Gadidae; Osmeridae; Reactor Sites & Rad Waste; Vertical Distribution; ...5.0086

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0841

Percidae

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Cladocera; Eutrophication; New York; Plankton Sampling; Primary Productivity - Plants; Zooplankton; ...2.0265

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Biological Effects; Centrarchidae; Cyprinidae; Deltas; Flood Control Planning; Osteichthyes -other; Turbidity (water); ...2.1484

CHRONIC EFFECTS OF HEAVY METALS ON FISH ...Animal Pharmacology; Contamination - Water; Lepomis Macrochirus; Pollution Effects -see Water; Radioisotopes -nonspecific; Zinc; ...2.1597

THE EFFECTS OF METHOXYCHLOR ON PERCH AND FATHEAD MINNOWS ...Aquatic Ecology - Animal; Bioassay; Minnows; Pesticide Action on Animals; Stocking of Fish & Shellfish; ...4.0678

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES ...Animal Resistance; Centrarchidae; Fish; Ictaluridae; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0710

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES, FY 1971 (ABBREV) ...Bioassay; Cyprinidae; Genetic Resistance; Ictaluridae; Salmonidae; ...4.0712

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Estuaries; Marine Animals; Pesticide Action on Animals; Pesticide Toxicity in Animals; Physical Models; Pollution Effects -see Water; Sevin; ...4.0825

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

Stizostedion Vitreum Vitreum

INVESTIGATION OF THE MERCURY POLLUTION OF LAKE ERIE AND ITS AQUATIC LIFE ...Aquatic Ecology - Animal; Contamination - Water; Ictalurus Punctatus; Lake Erie; Mercury; Physiological Effects; Pollution Effects -see Water; ...2.0129

EFFECT OF WATER POLLUTANTS AND WATER QUALITY ON EARLY LIFE HISTORY AND POPULATION DYNAMICS OF MINNESOTA FISHES ...Animal Life History Studies; Contamination - Water; Fish Food Organisms; Minnesota; Pollution Effects -see Water; Pulp and Paper Wastes; Temperature (water); ...2.1606

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Data Reduction and Analysis; Environmental Ecology; Eutrophication; Lake Erie; Plankton; Spawning & Nesting Sites; Water Temperature Recorders; ...2.1672

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Aldrin; Dieldrin; Ictaluridae; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0807

INVESTIGATIONS ON FATE OF CONTROL AGENTS IN FISH, WORK UNIT RESIDUES OF MS-222 IN NORTHERN PIKE, MUSKELLUNGE, WALLEYE (ABBREV) ...Animal Pharmacology; Chemical Analysis; Esocidae; Ms-222; ...4.0904

Pleuronectidae

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants; Mineralogical Water Properties; Organic Water Properties; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...4.0847

ABUNDANCE AND COMPOSITION OF DEEP AND SHALLOW WATER MACROPLANKTON AND LITTORAL FISH POPULATIONS IN AND ABOUT THE SANTA BARBARA CHANNEL ...Animal Habitat Studies; Biological Effects; Channels; Hippolyte; Osteichthyes -other; Plankton Sampling; Scorpaenidae; ...2.1501

ENVIRONMENTAL FACTORS AFFECTING FISHERIES ...Circulation (water); Clupeidae; Delaware River; Environment Resistance-animals; Osteichthyes -other; Spawning & Nesting Sites; Temperature (water); ...2.1642

EFFECTS OF ELEVATED TEMPERATURE ON SPAWNING AND DEVELOPMENT OF FISHES ...Animal Productivity; Embryology -basic; Photoperiod; Salinity (water); Sporidae; Temperature (water); ...2.1698

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Estuaries; Laboratory Animals; Parathion; Physiological Effects; Spawn Or Nesting Sites; ...4.0683

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ...Captive Rearing; DDT; Estuaries; Heptachlor; Massachusetts; Pesticides -see Pesticide; Spawning -see Fish & Shellfish; ...4.0654

Poeciliid

COHERENT AREA RESEARCH PROGRAM IN ECOLOGY ...Animal Behavioral Ecology; Animal Succession; Eutrophication; Invertebrate Physiology; ...2.1918

SCREENING PESTICIDES FOR TERATOGENIC EFFECTS ON GAMBUSIA. TOXICITY OF PESTICIDES TO FRESHWATER FISHES ...Carbamates -nonspecific; Fish; Fungicides -nonspecific; Herbicides -nonspecific; Pesticide Action on Animals; Polychlorinated Biphenyl Cpds.; ...4.0696

DEVELOPMENT OF A STRAIN OF FISH RESISTANT TO AN ORGANOPHOSPHATE PROJECT - INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Bioassays; Genetic Resistance; Minnows; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0731

INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Bioassays; Duvp; Minnows; Pesticide Action on Animals; Pesticide Formulation; Physiological Resistance; ...4.0732

Pomatomidae

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

EFFECTS OF TEMPERATURE ON THE BEHAVIOR OF ADULT ATLANTIC MACKEREL ...Behavior -vertebrate; Biological Rhythms; Environmental Physiology; Marine Animals; Photoperiod; Scombridae; Temperature (water); ...2.1637

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

Salmonidae

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Agnatha; Chemical Water Properties; Control of Nuisance Species, Engineering Structures-general; Flow Characteristics (water); Lake Ontario; Survey Studies (water); ...2.0260

LIMESTONE DRUM PRODUCTIVITY STUDY -- POPULATION STUDY ...Acidity (water); Chemical Measurements (water); Contamination - Water; Environmental Ecology; Limestone-general; Population Dynamics -general; Spawn Or Nesting Sites; Stocking of Fish & Shellfish; ...2.1131

LIMESTONE DRUM PRODUCTIVITY STUDY-LIMNOLOGICAL STUDY ...Acidity (water); Benthic Fauna; Lakes; Limestone-general; ...2.1132

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Core Analysis; Fish and Shellfish; Lumbering -general; Pulp and Paper Wastes; Sedimentation; Temperature (water); Water Pollution Effects; ...2.1496

EFFECTS OF ALTERNATE BLOCK CUTTING ON STREAMBED SEDIMENTATION & WATER TEMPERATURES IN BUMMER LAKE CREEK, DEL NORTE COUNTY, CALIFORNIA ...Animal Habitat Studies; California; Fish and Shellfish; Forest Watersheds; Lumbering -general; Temperature (water); ...2.1497

MONITORING FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ...Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Lake Michigan; Nets; Thermal Pollution; ...2.1596

IMMEDIATE EFFECTS OF LOGGING ON THE FRESHWATER ENVIRONMENT OF SALMONIDS ...Acidity (water); Circulation (water); Forest Debris; Lumbering -general; Population Dynamics -general; Temperature (water); ...2.1681

METABOLIC ROLE OF INORGANIC ELEMENTS IN SALMONIDS - 13 - EFFECT OF TOXIC LEVELS OF COPPER OR ENZYME ACTIVITIES ...Adenosine Triphosphate; Contamination - Water; Mineralogical Water Properties; Nutrition; Stress Effects; ...2.1750

ENERGY-DEPENDENT ION MOVEMENTS AND ACCUMULATION IN MEMBRANES OF SALMONID TISSUES ...Adenosine Triphosphate; Contamination - Water; Salinity (water); ...2.1751

FINE STRUCTURAL EFFECTS OF TEMPERATURE IN FISH ...Cellular Biosynthesis; Environmental Physiology; Temperature (water); ...2.1753

FISH BEHAVIOR AND PHYSIOLOGY ...Animal Migration; Behavior -vertebrate; Engineering Structures-general; Environmental Physiology; Fish & Shellfish Biology; Motivation and Instinct; Pollution Effects -see Water; Sensory & Perceptual Processes; Thermal Pollution; ...2.1761

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties -general; ...2.1763

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

PHYSIOLOGICAL EFFECTS OF THERMAL POLLUTION ON TROUT ...Contamination - Water; Environmental Physiology; Physiological Effects; Temperature (water); Thermal Pollution; ...2.1784

ENVIRONMENTAL PLANNING ALONG MONTANA'S 'BLUE-RIBBON' TROUT STREAMS ...Land Use, Modification Effects; Law Enforcement; Legislation; Montana; State Government; Water Resources Planning; Water Standards & Baselines; ...2.1863

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silver; TCA; Xylene; ...4.0017

NERVE IMPULSE TRANSMISSION CHARACTERISTICS OF ISOLATED FISH-NERVE PREPARATIONS PERFUSED WITH PHYSIOLOGICAL LEVELS OF SELECTED PESTICIDES ...Chlorinated Hydrocarbons; Cichlidae; Ictaluridae; Pesticide Action on Animals; Pesticides -see Pesticide; Water Pollution Effects; ...4.0699

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FISH TO SOME COMMONLY USED PESTICIDES ...Centrarchidae; Fish; Invertebrates -nonspecific; Laboratory Animals; Pesticides - nonspecific; Pesticides -see Pesticide; Water Pollution Effects; ...4.0709

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES ...Animal Resistance; Centrarchidae; Fish; Ictaluridae; Percidae; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0710

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FRESHWATER FISHES TO THREE TOXICANTS ...Abate; Bioassay; Chlordan; Ictaluridae; ...4.0711

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES, FY 1971 (ABBREV.) ...Bioassay; Cyprinidae; Genetic Resistance; Ictaluridae; ...4.0712

ELIMINATE OR REDUCE EFFECTS OF PESTICIDE RESIDUES ...Captive Rearing, DDT, Fish, Fish Food Supply -other, Pesticide Action on Animals, Pesticides -see Pesticide, ...4.0894

SUBLETHAL AMOUNTS OF ORGANIC INSECTICIDES AND FISH ...Captive Rearing, Carbon, Chemical Analysis, Commercial Fishing, DDT, Fish Food Supply -other, Washington, ...4.0902

RADIATION SENSITIVITY OF THE MICROBIAL FLORA OF FRESH WHITE (LEAN) FISH ...Microorganisms -nonspecific, Radiation Sensitivity -mac, ...5.0608

Oncorhynchus

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling, Contamination - Water, Forest Debris, Forest Watersheds, Marine Environments, Pesticides -see Pesticide, Pollution Effects -see Water, Pulp and Paper Wastes, Salmo Clarki, Spawning -see Fish & Shellfish, Suspension, Water Supply -general, ...2.0322

EFFECT OF ENVIRONMENTAL POLLUTION ON FISH DISEASES - EFFECT OF HEAT STRESS ON DISEASE RESISTANCE MECHANISMS IN SALMONID FISHES ...Animal Migration, Contamination - Water, Pathology, Salmo Gairdneri, Temperature (water), ...2.1764

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Animal Productivity, Bus, Ecological Effects, Pesticide Action on Animals, Pesticide in Food Chains, Pollution Effects -see Water, Residues in Foods, ...4.0964

QUALITY FACTORS OF LAKE MICHIGAN COHO SALMON FLESH ...DDE, Dieldrin, Pesticides -see Pesticide, Spawning -see Fish & Shellfish, ...4.1046

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Biodegradation, Home Economics, Pesticide Residue Analysis, Pesticide Residues Removal, Residues in Foods, ...4.1049

Prosopium

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae, Animal Behavioral Ecology, Animal Interrelationships - gen, Aquatic Ecology - Animal, Canada Goose, Cooperative Studies, Fish & Shellfish Biology, Grouse, Mammals -nonspecific, Management -other, Population Dynamics -general, Salmo Clarki, ...4.0748

Salmo Clarki

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling, Contamination - Water, Forest Debris, Forest Watersheds, Marine Environments, Pesticides -see Pesticide, Pollution Effects -see Water, Pulp and Paper Wastes, Spawning -see Fish & Shellfish, Suspension, Water Supply -general, ...2.0322

SERUM ANALYSIS OF CUTTHROAT TROUT EXPOSED CHRONICALLY TO METHOXYCHLOR PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Chlorine, Fish, Methoxychlor, Pesticide Action on Animals, ...4.0701

COMPARISON OF METHODS USED TO MEASURE ESTERASE ACTIVITY INTERACTIONS BETWEEN PESTICIDES ON FISH ENZYME SYSTEMS ...Ictalurus Punctatus, Lepomis Macrochirus, Pesticide Action on Animals, Pesticides -nonspecific, Pesticides -see Pesticide, Spectrographic Techniques, ...4.0702

METHOXYCHLOR-CAUSED EFFECTS ON CUTTHROAT TROUT PHYSIOLOGY - CHRONIC TOXICITY OF INSECTICIDES TO COLD-WATER FISH ...Laboratory Animals, Methoxychlor, Pesticide Action on Animals, Pesticides -see Pesticide, Wyoming, ...4.0740

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae, Animal Behavioral Ecology, Animal Interrelationships - gen, Aquatic Ecology - Animal, Canada Goose, Cooperative Studies, Fish & Shellfish Biology, Grouse, Mammals -nonspecific, Management -other, Population Dynamics -general, ...4.0748

Salmo Gairdneri

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology, Bioassays, Contamination - Water, Data Reduction and Analysis, Industrial Wastes, Physical Water Properties, Pollution Effects -see Water, Primary Productivity - Plants, Sewage, Water Quality -general, ...2.0119

IMPAIRMENT OF THE FLAVOR OF FISH BY WATER POLLUTANTS ...Food Contamination, Micropterus Salmoides, Organic Matter, Sulfhydryl Compounds, ...2.0328

ACID MINE POLLUTION ...Acid Mine Drainage, Biological Water Properties, Catostomidae, Mining Industry, Physical Water Properties, Rehabilitation -streams -lakes, Sediments, Strip Mines, Water Pollution Abatement, ...2.0409

EFFECTS OF CHEMICAL VARIATIONS IN AQUATIC ENVIRONMENTS ...Aluminum, Chemical Analysis (water), Colorado River, Data Acquisition, Lead, Oil Shale, Salinity (water), ...2.1512

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water), Aquatic Ecology - Animal, Contamination - Water, Dams -general, Engineering Structures-general, Idaho, Nitrogen and Nitrogen Cpds., Pollution Effects -see Water, Preimpoundment Sites, Reservoirs and Impoundments, Snake River, Water Quality -general, ...2.1544

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology, Aquatic Ecology - Animal, Contamination - Water, Environmental Ecology, Fish and Shellfish, Industrial Wastes, Pollution Effects -see Water, Pulp and Paper Wastes, Snake River, Temperature (water), ...2.1548

TOXIC ACTION OF WATER SOLUBLE POLLUTANTS ON FRESHWATER FISH ...Aquatic Ecology - Animal, Contamination - Water, Fresh Water, Nitrogen and Nitrogen Cpds., Physiological Effects, Pollution Effects -see Water, ...2.1591

PHYSIOLOGICAL ADAPTATION OF TWO SPECIES OF FISHES, FUNDULUS HETEROCLITUS AND SALMO GAIRDNERI, TO ALTERED WATER QUALITY PARAMETERS ...Contamination - Water, Environmental Physiology, Optical Properties of Water, Salinity (water), Vertebrate Anatomy, ...2.1647

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies, Benthic Fauna, Chemical Analysis (water), Fish and Shellfish, Forest Management, Humidity, Mineralogical Water Properties, Plant Habitat Studies, Soil Tillage, Tennessee, Wildlife Habitats -see Animal, ...2.1716

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP MINE RECLAMATION ...Animal Pharmacology, Catostomidae, Effluents - Waste Water, Manganese, Mining Industry, Pollution Effects -see Water, Sediments, Toxic Minerals, Water Purification, ...2.1746

EFFECTS OF MODIFICATIONS ON THE COLUMBIA RIVER ...Animal Productivity, Benthic Fauna, Commercial Fishing, Electric Power Plants, Environmental Ecology, Thermal Pollution, ...2.1758

EFFECT OF ENVIRONMENTAL POLLUTION ON FISH DISEASES - EFFECT OF HEAT STRESS ON DISEASE RESISTANCE MECHANISMS IN SALMONID FISHES ...Animal Migration, Contamination - Water, Oncorhynchus, Pathology, Temperature (water), ...2.1764

PHYSIOLOGICAL EVALUATION OF TREATED TOXIC WASTES ...Animal Life History Studies, Industrial Wastes, Physiological Effects, Pollution Effects -see Water, Pulp and Paper Wastes, Water Pollutant Identification, ...3.0937

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Chlorine, Dieldrin, Endrin, Laboratory Animals, Pesticide Action on Animals, Pesticides -see Pesticide, Water Pollution Effects, ...4.0697

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Aroclor, Dieldrin, Ictalurus Punctatus, Lepomis Macrochirus, Physiological Effects, ...4.0723

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Bioassay, DDT, Dieldrin, Pesticide Action on Animals, Pesticides -see Pesticide, Water Pollution Effects, ...4.0724

2,4-D UPTAKE AND METABOLISM - METABOLISM OF PESTICIDES IN FISH ...Carassius Auratus, Carbon, D, 2,4-, Ictalurus Punctatus, Laboratory Animals, ...4.0728

UPTAKE AND METABOLISM BY FISH OF 2,4-D DIMETHYL AMINE SALT ...Carbon, D, 2,4-, Ictalurus Punctatus, Pesticide Formulation, ...4.0730

TO DETERMINE LEVELS OF DDT AND METABOLITES IN SERUM, MUSCLE AND WHOLE FISH OF STRAINS OF SALMONIDS (ABBREV) ...Bioassay, Chemical Analysis, DDT, Nutrition, Pesticide Action on Animals, Salmo Trutta, ...4.0831

EFFECT OF ENVIRONMENTAL POLLUTION ON FISH DISEASES - ORGANOCHLORINE PESTICIDES AND DISEASE RESISTANCE MECHANISMS OF RAINBOW TROUT ...Chlordan, Contamination - Water, DDT, Pathology, Thiodan, ...4.0901

THE EFFECTIVENESS OF MCN-JR-7464 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ...Animal Pharmacology, Fish, Ictalurus Punctatus, Micropterus Salmoides, Pesticide Action on Animals, Pesticide Formulation, Salmo Trutta, Temperature (water), ...4.0906

THE EFFECTS OF ANTIMYCIN A ON THE METABOLISM OF SELECTED TISSUES IN FISH (ABBREV) ...Antimycin A, Bioassay, Bullheads, Control of Nuisance Species, Pesticide Action on Animals, ...4.0907

EFFECTS OF IRRADIATION, TEMPERATURE AND OTHER ENVIRONMENTAL FACTORS ON SALMONID EMBRYOS

...Embryology -basic; Optic... Properties of Water; Radiation Effects a Biological; Temperature (water); X and Gamma Rays, 5.0763

Salmo Salar

THE EFFECTS OF DDT AND OTHER PESTICIDES ON SEBAGO LAKE SALMON ...BHC; DDE; Dieldrin; Pesticide Action on Animals; TDE; ...4.0631

Salmo Trutta

TO DETERMINE LEVELS OF DDT AND METABOLITES IN SERUM, MUSCLE AND WHOLE FISH OF STRAINS OF SALMONIDS (ABBREV) ...Bioassay; Chemical Analysis; DDT; Nutrition; Pesticide Action on Animals; Salmo Gairdneri; ...4.0831

THE EFFECT OF DDT ON EGG, FRY AND FINGERLING VIABILITY IN LAKE, RAINBOW, AND BROWN TROUT AND COHO SALMON STRAINS ...Captive Rearing; Chemical Analysis; DDT; Genetic Resistance; Pesticide Action on Animals; Spawning -see Fish & Shellfish; ...4.0833

THE EFFECTIVENESS OF MCN-JR-7404 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ...Animal Pharmacology; Fish; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Action on Animals; Pesticide Formulation; Temperature (water); ...4.0906

Salvelinus

ACID WATER TROUT STUDIES ...Acidity (water); Environmental Ecology; Neutralization; Population Dynamics -general; Water Pollutant Identification; Water Table; ...2.1059

ECOLOGICAL AND LIMNOLOGICAL IMPACT OF THE CONSTRUCTION AND OPERATION OF PUMP-BACK STORAGE PROJECTS ...Circulation (water); Electric Power Plants; Environmental Aspects; Power Reservoirs; Temperature Or Heat Budgets; Western U.S.; ...2.1509

CYTOPATHOLOGY IN FISH EXPOSED TO STREAM POLLUTANTS ...Acid Mine Drainage; Ecological Effects; Fish Hatcheries; Physiological Effects; ...2.1690

MODE OF ACTION OF INSECTICIDES AS RELATED TO INSECT METABOLISM AND BEHAVIOR ...Animal Resistance; Chlordan; DDT; Fish; Pesticide Application Rates; Pyrethrum; ...4.0682

THE EFFECTIVENESS OF MCN-JR-7404 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ...Animal Pharmacology; Fish; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Action on Animals; Pesticide Formulation; Salmo Trutta; Temperature (water); ...4.0906

Sciaenidae

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Spawn Or Nesting Sites; ...2.0279

Scombridae

DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN AND BEHAVIOR OF TRACE ELEMENTS IN THE OCEAN AND ORGANISMS (ABBREV) ...Animal Migration; Marine Animals; Radioactive Fallout-cf Fallout; Silver; ...2.0504

EFFECTS OF TEMPERATURE ON THE BEHAVIOR OF ADULT ATLANTIC MACKEREL ...Behavior -vertebrate; Biological Rhythms; Environmental Physiology; Marine Animals; Photoperiod; Pomatomidae; Temperature (water); ...2.1637

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Water Pollution Sources; ...5.0541

Scorpaenidae

ABUNDANCE AND COMPOSITION OF DEEP AND SHALLOW WATER MACROPLANKTON AND LITTORAL FISH POPULATIONS IN AND ABOUT THE SANTA BARBARA CHANNEL ...Animal Habitat Studies; Biological Effects; Channels; Hippolyte; Osteichthyes -other; Plankton Sampling; ...2.1901

FUR ANIMAL NUTRITION STUDIES ...Animal Pharmacology; Dieldrin; Mustelidae; TDE; ...4.0663

MACRO-NEKTON INVESTIGATIONS OFF THE COLUMBIA RIVER MOUTH ...Aquatic Ecology - Animal; Engraulidae; Gadidae; Osmeridae; Reactor Sites & Rad Waste; Vertical Distribution; ...5.0086

Serranidae

EFFECTS OF ELEVATED TEMPERATURE ON SPAWNING AND DEVELOPMENT OF FISHES ...Animal Productivity; Embryology -basic; Photoperiod; Salinity (water); Sparidae; Temperature (water); ...2.1698

INSTITUTIONAL SEA GRANT SUPPORT ...Actynopterygii; Dredging; Estuaries; Legal Review; Marine Animals; North Carolina; Water Resources Development; ...2.1886

Sparidae

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

EFFECTS OF ELEVATED TEMPERATURE ON SPAWNING AND DEVELOPMENT OF FISHES ...Animal Productivity; Embryology -basic; Photoperiod; Salinity (water); Temperature (water); ...2.1698

Sphyraenidae

PHARMACEUTICALS RESEARCH ...Animal Productivity; Coelenterata; Invertebrate Physiology; Toxicology; ...2.1528

Fish & Shellfish Biology

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Agnatha; Chemical Water Properties; Control of Nuisance Species, Engineering Structures-general; Flow Characteristics (water); Lake Ontario; Salmonidae; Survey Studies (water); ...2.0260

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED, WALWORTH, ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Algae -nonspecific; Chemical Water Properties; Fish; Najadaceae; Physical Water Properties; Range Or Terrestrial Distr.; Water Pollutant Identification; Watersheds; ...2.0868

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Loss Damages - Recreation; Nutrients; Population Dynamics - general; Reservoirs and Impoundments; Wisconsin; ...2.1133

THERMAL WATER DEMONSTRATION PROJECT ...Agricultural Studies -general; Benefit-cost Analysis; Heat Recovery, Industrial; Pilot Plants; Technology - Social Impact; Thermal Pollution; Water Utilization -animal; Welfare Economics; ...2.1309

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Benthic Fauna; Energy Conversion; Estuaries; Maine; Physical Water Properties; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1568

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Atomic Plants; Biological Water Properties; Chemical Water Properties; Energy Conversion; Fish; Missouri River; Temperature (water); ...2.1633

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology - Animal; Embryology -basic; Environmental Physiology; Fish Food Supply -other; Micropterus Salmoides; Temperature (water); Water Pollution Effects; Water Quality -general; ...2.1649

BIOLOGY OF ANADROMOUS ALOSIDS ...Aging; Contamination - Water; Embryology -basic; Marine Animals; Spawn Or Nesting Sites; Virginia; ...2.1748

FISH BEHAVIOR AND PHYSIOLOGY ...Animal Migration; Behavior -vertebrate; Engineering Structures-general; Environmental Physiology; Motivation and Instinct; Pollution Effects -see Water; Sensory & Perceptual Processes; Thermal Pollution; ...2.1761

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ..Acid Mine Drainage, Aquatic Ecology - Animal, Bullheads, Environment Resistance-animals, Environmental Physiology, Fish Food Supply -other, Management (water), Pollution Effects -see Water, Water Resources Planning, ..2.1771

PHYSIOLOGICAL EFFECTS OF SUBLETHAL LEVELS OF ACID WATER ON FISH ..Acidity (water), Bullheads, Contamination - Water, Physiological Effects, Water Pollution Abatement, ..2.1773

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ..Aquatic Ecology - Animal, Environmental Ecology, Fishery Development -other, Lake Ontario, Pesticides -see Pesticide, Residues in Foods, Water Depth, Water Levels, Water Resources Planning, ..2.1876

INSTITUTIONAL SEA GRANT SUPPORT ..Acipenseridae, Dredging, Estuaries, Legal Review, Marine Animals, North Carolina, Serranidae, Water Resources Development, ..2.1886

PROGRAM PLANNING ON ACTIVITIES OF AGENCIES OF CONCERN TO PUBLIC WATERS ..Biological Water Properties, Meetings, Vermont, Water Resources Planning, ..2.1933

RELATIONSHIPS BETWEEN SUB-LETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ..Behavior - vertebrate, Cyprinodontidae, DDT -see Pesticides, Fish, Laboratory Animals, Pesticide Evaluation, Pesticides -nonspecific, Psychology, ..4.0798

MAMMALS, FISHES AND BIRDS OF MONTANA ..Acipenseridae, Animal Behavioral Ecology, Animal Interrelationships - gen, Aquatic Ecology - Animal, Canada Geese, Cooperative Studies, Grouse, Mammals -nonspecific, Management -other, Population Dynamics-general, Salmo Clarki, ..4.0745

THE EFFECTIVENESS OF MCN-JR-7464 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ..Animal Pharmacology, Fish, Ictalurus Punctatus, Micropterus Salmoides, Pesticide Action on Animals, Pesticide Formulations, Salmo Trutta, Temperature (water), ..4.0906

Captive Rearing

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ..Acidity (water), Benthic Fauna, Bottom Sampling, Chemical Analysis (water), Chemical Water Properties, Contamination - Water, Effluents - Waste Water, Fish & Shellfish Biology, Organic Waste -see Waste Treat, Turbidity (water), Water Pollution Sources, Water Quality Control-general, ..2.0402

COMMERCIAL OYSTER FISHERY DEVELOPMENT INVESTIGATION ..Agricultural Economics, Coliforms -nonspecific, Commercial Fishing, Consumption, Contamination - Water, Ostreidae (oyster), Shellfish Depuration, ..2.0561

SHELLFISH TECHNICAL ASSISTANCE ..Commercial Fishing, Contamination - Water, Crustacea, Legislation, Marine Animals, Mollusca, ..2.0618

TESTS OF EFFICIENCY OF CHANGES IN FILTER DESIGN AND FILTER MEDIA ..Denitrification -see Nitrogen, Filtration, Water Reuse, ..2.0839

DEVELOPMENT OF AN IN SITU MARINE BIOASSAY WITH CLAMS ..Bioassays, Contamination - Water, Invertebrate Physiology, Monitoring, ..2.0839

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ..Annelida, Aquatic Soils, Commercial Fishing, Fish Farming, Ictalurus Punctatus, Lake Deposits, Ponds, Stocking of Fish & Shellfish, Tertiary Treatment, Water Depth, Water Levels, ..2.1272

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ..Animal Distribution, Clams, Contamination - Water, Environmental Ecology, Fish Farming, Invertebrate Physiology, Optical Properties of Water, Pesticides - nonspecific, Spawn Or Nesting Sites, Temperature (water), ..2.1516

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ..Acidity (water), Contamination - Water, Environmental Influences, Fish Food Organisms, Mollusca, Pesticide Toxicity to Microorg, Pollution Effects -see Water, Temperature (water), Water Pollution Sources, ..2.1517

SYNERGISTIC EFFECTS OF SUB-LETHAL POLLUTION ON THE DEVELOPMENT OF SELECTED WARM-TEMPERATE AND SUB-TROPICAL FISHES AND CRUSTACEANS ..Contamination - Water, Fish, Salinity (water), Temperature (water), ..2.1524

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ..Effluents - Waste Water, Fish, Physiological Effects, Tennessee River, ..2.1560

SECONDARY PRODUCTION IN RUNNING-WATER ECOSYSTEMS ..Animal Habitat Studies, Animal Productivity, Bottom Sampling, Ecological Effects, Management (water), Plant Productivity-general, ..2.1601

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ..Acid Mine Drainage, Algae -nonspecific, Benthic Organisms -nonspecific, Chemical Water Properties, Ecological Effects, Environment Resistance-animals, Heat Recovery, Industrial Photosynthesis, Reservoirs and Impoundments, Thermal Pollution, ..2.1619

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER ..Aquaria, Energy Conversion, Fish Farming, Marine Animals, New York, Temperature (water), Water Utilization -animal, ..2.1653

EFFECTS OF PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ..Animal Productivity, Biological Effects, Contamination - Water, Fish and Shellfish, Oregon, Population Dynamics-general, ..2.1685

LARGEMOUTH BASS REPRODUCTION STUDY ..Bottom Sampling, Contamination - Water, Data Acquisition, Electric Power Plants, Environmental Physiology, Lakes, Organic Properties, Physical Effects, Reservoirs and Impoundments, Spawn Or Nesting Sites, Temperature (water), Water Quality -general, ..2.1725

INSTITUTIONAL SEA GRANT SUPPORT ..Acipenseridae, Dredging, Estuaries, Legal Review, Marine Animals, North Carolina, Serranidae, Water Resources Development, ..2.1886

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ..DDT, Estuaries, Heptachlor, Massachusetts, Pesticides -see Pesticide, Pleuronectidae, Spawning -see Fish & Shellfish, ..4.0654

FISH REPRODUCTION AS AFFECTED BY ORGANOCHLORINE INSECTICIDES ..Chlordan, Dieldrin, Laboratory Animals, Methoxychlor Pesticide Residues, ..4.0722

THE EFFECT OF DDT ON EGG, FRY AND FINGERLING VIABILITY IN BROOK TROUT STRAINS ..Chemical Analysis, DDT, Genetic Resistance, Pesticide Action on Animals, Spawning -see Fish & Shellfish, ..4.0832

THE EFFECT OF DDT ON EGG, FRY AND FINGERLING VIABILITY IN LAKE, RAINBOW, AND BROWN TROUT AND COHO SALMON STRAINS ..Chemical Analysis, DDT, Genetic Resistance, Pesticide Action on Animals, Salmo Trutta, Spawning -see Fish & Shellfish, ..4.0833

PESTICIDE MONITORING ..Chemical Analysis, Chlorinated Hydrocarbons, Fish, Fish Food Supply -other, Gas Chromatography, Monitoring Systems, Pesticides -see Pesticide, ..4.0892

ELIMINATE OR REDUCE EFFECTS OF PESTICIDE RESIDUES ..DDT, Fish, Fish Food Supply -other, Pesticide Action on Animals, Pesticides -see Pesticide, Salmonidae, ..4.0894

SUBLETHAL AMOUNTS OF ORGANIC INSECTICIDES AND FISH ..Carbon, Chemical Analysis, Commercial Fishing, DDT, Fish Food Supply -other, Salmonidae, Washington, ..4.0902

Aquaria

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ..Industrial Wastes, Mining Industry, Physiological Effects, Salinity (water), Temperature, Turbidity, Water Pollution Effects, ..2.1487

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ..Animal Behavioral Ecology, Aquatic Ecology - Animal, Bullheads, Ecological Effects, Environmental Physiology, Marine Animals, Osteichthyes -other, Population Dynamics-general, Temperature Stress, ..2.1498

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER ..Captive Rearing, Energy Conversion, Fish Farming, Marine Animals, New York, Temperature (water), Water Utilization -animal, ..2.1653

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ..Aquatic Plants -nonspecific, Carbon, Endrin, Environmental Physiology, Fish, Pesticide Action on Animals, Soil Types -also See Specifics, ..4.0532

Fish Hatcheries

CYTOPATHOLOGY IN FISH EXPOSED TO STREAM POLLUTANTS ..Acid Mine Drainage, Ecological Effects, Physiological Effects, Salvelinus, ..2.1690

Censusing

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ..Agnatha, Chemical Water Properties, Control of Nonsonous Species, Engineering Structures-general, Flow Characteristics (water), Lake Ontario, Salmonidae, Survey Studies (water), ..3.0260

INFLUENCE OF SEDIMENTATION UPON THE PRODUCTION OF GAME FISHES ...Animal Productivity; Ecological Effects; Fish Food Organisms; Pollution Effects -see Water; Sediment Yield; Sediments; Turbidity (water); ...2.0881

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF MOSES LAKE ...Animal Habitat Studies; Data Reduction and Analysis; Lakes; Pre-impoundment Sites; Sediments; Texas; ...2.1727

Creel Census

AN EVALUATION OF THE PRODUCTIVITY CHANGES ASSOCIATED WITH LIMING OF SHERWOOD LAKE, WEST VIRGINIA ...Animal Productivity; Fish; Lime Treatment; Mineralogical Water Properties; Population Dynamics -general; West Virginia; ...2.0410

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Environmental Ecology; Eutrophication, Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Environment; Fish; Lakes; Performance; Power Reservoirs; Temperature (water); Temperature - Air; User Patterns; ...2.1620

Commercial Fishing

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects -see Water; Water Pollution Sources; Zinc; ...2.0280

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases; Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

EVALUATION OF ENGINEERING PROJECTS AND ESTUARINE DATA (ESTUARINE PROGRAM) ...Animal Habitat Studies; Construction Sites; Fish; Gulf of Mexico; Water Quality Control -general; ...2.0383

COMMERCIAL OYSTER FISHERY DEVELOPMENT INVESTIGATION ...Agricultural Economics; Captive Rearing; Coliforms -nonspecific; Consumption; Contamination - Water; Ostreidae (oyster); Shellfish Depuration, ...2.0561

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

SHELLFISH TECHNICAL ASSISTANCE ...Captive Rearing; Contamination - Water; Crustacea; Legislation; Marine Animals; Mollusca; ...2.0618

ADVANCED STUDY OF COASTAL ZONE OCEANOGRAPHIC REQUIREMENTS FOR EARTH RESOURCES TECHNOLOGY SATELLITE ...Coastal Engineering -general; Land Use, Modification Effects; Marine Biology - General; Marine Pollution; Spacecraft Sensory Devices; Water Pollution Sources; ...2.0713

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth, Water Levels; ...2.1272

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Contamination - Water; Environmental Ecology; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Pesticides -nonspecific; Spawn Or Nesting Sites; Temperature (water); ...2.1516

MARINE FISHERIES - ESTUARINE ALGAL COMMUNITIES ...Animal Interrelationships -gen; Estuaries; Marine Plants; Plant Productivity -general; Salinity (water); Training Grants, Fellowships; Water Standards & Baselines; ...2.1682

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

EFFECTS OF MODIFICATIONS ON THE COLUMBIA RIVER ...Animal Productivity; Benthic Fauna; Electric Power Plants; Environmental Ecology; Salmo Gairdneri; Thermal Pollution; ...2.1758

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ...Animal Productivity; Clams; Contamination - Water; Electric Power Plants; Environment Resistance-animals; Fish and Shellfish; Heat Recovery, Industrial; Ostreidae (oyster); Temperature (water); ...2.1762

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Electric Power Plants; Environmental Ecology; Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties -general; ...2.1763

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Fishery Development - other; Lake Ontario; Pesticides -see Pesticide; Residues in Foods; Water Depth, Water Levels; Water Resources Planning; ...2.1876

RESEARCH STUDIES RELATED TO DEVELOPMENT OF A CRAWFISH PROCESSING INDUSTRY IN LOUISIANA ...Crayfish; Enterprise Studies; Farm Animal Wastes; Food Engineering & Technology; Mammals -nonspecific; Marketing; Supply; ...3.0374

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

SUBLETHAL AMOUNTS OF ORGANIC INSECTICIDES AND FISH ...Captive Rearing; Carbon; Chemical Analysis; DDT; Fish Food Supply -other; Salmonidae; Washington; ...4.0902

Control of Nuisance Species

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Agnatha; Chemical Water Properties; Engineering Structures-general; Flow Characteristics (water); Lake Ontario; Salmonidae; Survey Studies (water); ...2.0260

THIN LAYER CHROMATOGRAPHIC IDENTIFICATION OF MS-222 IN FISH MUSCLE TISSUE, BLOOD, BRAIN TISSUE, AND IN WATER (ABBREV) ...Animal Pharmacology; Chemical Analysis; Ms-222; ...4.0903

THE EFFECTIVENESS OF MCN-JR-7464 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ...Animal Pharmacology; Fish; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Action on Animals; Pesticide Formulation; Salmo Trutta; Temperature (water); ...4.0906

THE EFFECTS OF ANTIMYCIN A ON THE METABOLISM OF SELECTED TISSUES IN FISH (ABBREV) ...Antimycin A; Bioassay; Bullheads; Pesticide Action on Animals; Salmo Gairdneri; ...4.0907

Drugs

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Aquatic Ecology - Animal; Contamination - Water; Ecological Effects; Fish; Pollution Effects -see Water; Reactor Sites & Rad Waste; Survey Studies (water); Thermal Pollution; ...2.0800

Electro-fishing

SURVEY OF LAKE NO. 1, WINSLOW TRACT ...Aquatic Ecology - Animal; Chemical Analysis (water); Lakes; Nets; New Jersey; Water Utilization -animal; ...2.0679

LIMESTONE DRUM PRODUCTIVITY STUDY -- POPULATION STUDY ...Acidity (water); Chemical Measurements (water); Contamination - Water; Environmental Ecology; Limestone-general; Population Dynamics -general; Spawn Or Nesting Sites; Stocking of Fish & Shellfish; ...2.1131

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Aquatic Ecology - Animal; Ictalurus Punctatus; Nets; Temperature (water); ...2.1634

Fertilizers -aquatic

DYNAMICS OF ALGAE POPULATIONS IN FARM FISH PONDS ...Algae - Cyanophyta; Algal Pollutant Sources; Farm Pond; Lower Plants; Phytoplankton; Seasonal Distribution; Taxonomy - plant; ...2.0001

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Algae -nonspecific; Bioassays; Chemi-

cal Analysis (water); Eutrophication; Nutrients; Ponds; Water Pollutant Identification; ...2.0636

WATER COLUMN TESTING OF FERTILIZERS ...Chemical Analysis (water); Fish; Lakes; Phytoplankton; Recreation, Water Resources; Warm Temperature -natural; ...2.0832

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall, Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae; Eutrophication; Hydrocharitaceae; Nitrogen and Nitrogen Cpds., Nutrients; Phosphorus and Phosphorus Cpds; Plant Freshwate; Ecology; Potamogetonaceae; ...2.1650

HIGH ANALYSIS FERTILIZER INVESTIGATIONS - FISHERIES ...Aquatic Ecology - Animal; Depth (water); Nutrients; Tennessee; ...2.1718

Fisheries Conservation

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Fishery Development - other; Lake Ontario; Pesticides -see Pesticide; Residues in Foods; Water Depth, Water Levels; Water Resources Planning; ...2.1876

Fishery Development -other

ACID WATER TROUT STUDIES .. Acidity (water); Environmental Ecology; Neutralization; Population Dynamics -general; Water Pollutant Identification; Water Table; ...2.1059

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Acid Mine Drainage; Aquatic Ecology - Animal; Bullheads; Environment Resistance-animals; Environmental Physiology; Fish Food Supply -other; Management (water); Pollution Effects -see Water; Water Resources Planning; ...2.1771

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Lake Ontario; Pesticides -see Pesticide; Residues in Foods; Water Depth, Water Levels; Water Resources Planning; ...2.1876

Food Supply

Fish Food Organisms

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Lake Stages; Pathology; Plankton; Reservoirs and Impoundments; ...2.0021

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology; Benthic Organisms -nonspecific; Coliforms -nonspecific, Nutrients; Plankton; Survey Studies (water); Water Properties - general; ...2.0158

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Animal Productivity; Chemical Water Properties; Eutrophication; Fish; Nutrients; Phytoplankton; Plant Population Dynamics - gen; Primary Productivity - Plants, Zooplankton; ...2.0363

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS .. Biological Water Properties; Circulation (water); Eutrophication; Nutrients; Phytoplankton; Water Bacteria; Wisconsin; ...2.0443

RESEARCH ON THE MACROBENTHOS OF THE GREAT LAKES ...Annelida; Benthic Fauna; Lake Erie; Lakes; Population Dynamics -general; Water Pollutant Identification; ...2.0624

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Aquatic Ecology - Animal; Contamination - Water; Ecological Effects; Fish; Pollution Effects -see Water; Reactor Sites & Rad Waste; Survey Studies (water); Thermal Pollution; ...2.0800

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

INFLUENCE OF SEDIMENTATION UPON THE PRODUCTION OF GAME FISHES ...Animal Productivity; Ecological Effects; Pollution Effects -see Water; Sediment Yield; Sediments; Turbidity (water); ...2.0881

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Aquatic Plants -nonspecific; Fish; Fishing; Pollution Effects -see Water; Recreation, Water Resources; Spawn Or Nesting Sites; Water Pollution Effects; ...2.1471

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ...Acidity (water); Captive Rearing; Contamination - Water; Environmental Influences; Mollusca; Pesticide Toxicity to Microorg; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; ...2.1517

EFFECTS OF FEEDLOT RUNOFF ON FISH FOOD ORGANISMS IN THE COTTONWOOD RIVER ...Agricultural Runoff; Aquatic Ecology - Animal; Bottom Sampling; Fish and Shellfish; Industrial Wastes; Kansas; Water Pollutant Identification; ...2.1558

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

EFFECT OF WATER POLLUTANTS AND WATER QUALITY ON EARLY LIFE HISTORY AND POPULATION DYNAMICS OF MINNESOTA FISHES ...Animal Life History Studies; Contamination - Water; Minnesota; Pollution Effects -see Water; Pulp and Paper Wastes; Temperature (water); ...2.1606

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Aquatic Ecology - Animal; Electro-fishing; Ictalurus Punctatus; Nets; Temperature (water); ...2.1634

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Data Reduction and Analysis; Environmental Ecology; Eutrophication; Lake Erie; Plankton; Spawning & Nesting Sites; Stizostedion Vitreum Vitreum; Water Temperature Recorders; ...2.1672

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

EFFECTS OF KRAFT PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Contamination - Water; Effluents - Waste Water; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; ...2.1687

EFFECTS OF TEMPERATURE ON AQUATIC LIFE ...Animal Productivity; Channels; Fish; Model Studies; Temperature (water); ...2.1712

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

ECOLOGICAL RESPONSES OF FISHES AND FISH-FOOD ORGANISMS TO HEATED EFFLUENT - CASE STUDY OF LAKE MONONA, WISCONSIN ...Animal Predation; Electric Power Plants; Environmental Ecology; Lepisosteidae; Temperature (water); Thermal Pollution; ...2.1780

COORDINATING THE EFFORTS OF PARTICIPATING AGENCIES IN A STUDY OF ENVIRONMENTAL EFFECTS OF WARM-WATER DISCHARGES INTO THE MISSOURI RIVER ...Biological Effects; Environment; Management (water); Missouri River; Thermal Pollution; ...2.1865

PESTICIDES RESEARCH ...Alaska; Chemical Analysis; DDT; Fish; Invertebrates -nonspecific; Pesticides -see Pesticide; Water Pollution Effects; ...4.0534

MULTIPLE EXPOSURES OF ABATE TO BLUEGILL, LEPOMIS MACROCHIRUS, AND INVERTEBRATES IN WARM-WATER PONDS ...Abate; Contamination - Water; Invertebrates -nonspecific; Pesticide Action on Animals; Temperature (water); ...4.0741

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

MACRO-NEKTON INVESTIGATIONS OFF THE COLUMBIA RIVER MOUTH ...Aquatic Ecology - Animal; Engraulidae; Gadidae; Osmeridae; Reactor Sites & Rad Waste; Vertical Distribution; ...5.0086

Fish Food Supply -other

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects -see Water; Water Pollution Sources; Zinc; ...2.0280

THE BEHAVIOR OF SMALLMOUTH BASS AS RELATED TO ARTIFICIAL COVER ...Acidity (water); Aquatic Ecology - Animal; Mining Industry; Population Dynamics -general; Water Pollutant Identification; ...2.0762

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Algae -nonspecific; Boating; Fish; Fishing; Mollusca; Recreation, Water Resources; Sewage Lagoons; Waste Water Treatment -general; ...2.1159

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Contamination - Water; Environmental Ecology; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Pesticides -nonspecific; Spawn Or Nesting Sites; Temperature (water); ...2.1516

EFFECTS OF POLLUTION, ESPECIALLY FROM FEEDLOTS, ON FISHES IN THE UPPER NEOSHO RIVER BASIN ...Animal Habitat Studies; Aquatic Ecology - Animal; Fish; Kansas; Pollution Effects -see Water; River Basins; ...2.1557

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology - Animal; Embryology -basic; Environmental Physiology; Micropterus Salmoides; Temperature (water); Water Pollution Effects; Water Quality -general; ...2.1649

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER .. Acid Mine Drainage; Aquatic Ecology - Animal; Bullheads; Environment Resistance-animals; Environmental Physiology; Management (water); Pollution Effects -see Water; Water Resources Planning; ...2.1771

PESTICIDE MONITORING ...Captive Rearing; Chemical Analysis; Chlorinated Hydrocarbons; Fish; Gas Chromatography; Monitoring Systems; Pesticides -see Pesticide; ...4.0892

ELIMINATE OR REDUCE EFFECTS OF PESTICIDE RESIDUES ...Captive Rearing; DDT; Fish; Pesticide Action on Animals; Pesticides -see Pesticide; Salmonidae; ...4.0894

SUBLETHAL AMOUNTS OF ORGANIC INSECTICIDES AND FISH ...Captive Rearing; Carbon; Chemical Analysis; Commercial Fishing; DDT; Salmonidae; Washington; ...4.0902

Legislation

SHELLFISH TECHNICAL ASSISTANCE ...Captive Rearing; Commercial Fishing; Contamination - Water; Crustacea; Marine Animals; Mollusca; ...2.0618

ENVIRONMENTAL PLANNING ALONG MONTANA'S 'BLUE-RIBBON' TROUT STREAMS ...Land Use, Modification Effects; Law Enforcement; Montana; Salmonidae; State Government; Water Resources Planning; Water Standards & Baselines; ...2.1863

Mark, Tag Or Capture -other

ST. JOHNS RIVER FISHERY PROJECT ...Animal Habitat Studies; Contamination - Water; Environmental Ecology; Fish and Shellfish; Mans Pollutional Activities; Pollution Effects -see Water; ...2.0543

PARASITES OF FRESH-WATER FISHES IN NORTH CAROLINA ...Animal Life History Studies; Annelida; Copepoda; Lakes; Nets; Ponds; Temperature (water); ...2.1663

EVALUATION OF FACTORS AFFECTING SPAWNING OF DALE HOLLOW WHITE BASS ...Aquatic Ecology - Animal; Environmental Physiology; Mining Industry; Pollution Effects -see Water; Spawn Or Nesting Sites; Temperature (water); ...2.1714

BIOLOGY OF ANADROMOUS ALOSIDS ...Aging; Contamination - Water; Embryology -basic; Fish & Shellfish Biology; Marine Animals; Spawn Or Nesting Sites; Virginia; ...2.1748

FISHERIES UNIT ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Catostomidae; Cladocera; Pesticides -see Pesticide; Population Dynamics -general; ...4.0066

Nets

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Contamination - Water; Data Acquisition; Fish; Marine Pollution; Oregon; Pollution Effects -see Water; Salinity (water); Temperature (water); ...2.0335

SURVEY OF LAKE NO. 1, WINSLOW TRACT ...Aquatic Ecology - Animal; Chemical Analysis (water); Electro-fishing; Lakes; New Jersey; Water Utilization -animal; ...2.0679

ABUNDANCE AND COMPOSITION OF DEEP AND SHALLOW WATER MACROPLANKTON AND LITTORAL FISH POPULATIONS IN AND ABOUT THE SANTA BARBARA CHANNEL ...Animal Habitat Studies; Biological Effects; Channels; Hippolyte; Osteichthyes -other; Plankton Sampling; Scorpaenidae; ...2.1501

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - FISH DISTRIBUTION ...Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Industrial Wastes; Vertical Distribution; ...2.1559

MONITOR FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ON LAKE MICHIGAN ...Aquatic Ecology - Animal; Contamination - Water; Fish; Michigan; Physical Effects; ...2.1595

MONITORING FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ...Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Lake Michigan; Salmonidae; Thermal Pollution; ...2.1596

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Gastropoda; Mollusca; Physical Water Properties; Taxonomy -animal; Water Pollution Sources; ...2.1623

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Aquatic Ecology - Animal; Electro-fishing; Ictalurus Punctatus; Temperature (water); ...2.1634

PARASITES OF FRESH-WATER FISHES IN NORTH CAROLINA ...Animal Life History Studies; Annelida; Copepoda; Lakes; Ponds; Temperature (water); ...2.1663

MACRO-NEKTON INVESTIGATIONS OFF THE COLUMBIA RIVER MOUTH ...Aquatic Ecology - Animal; Engraulidae; Gadidae; Osmeridae; Reactor Sites & Rad Waste; Vertical Distribution; ...5.0086

Pathology

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Fish Food Organisms; Lake Stages; Plankton; Reservoirs and Impoundments; ...2.0021

VIBRIO PARAHAEMOLYTICUS IN CHESAPEAKE BAY - ISOLATION, INCIDENCE AND PATHOGENICITY ...Animal Interrelationships -gen; Bacterial Pollutant Sources; Chesapeake Bay; Estuaries; Muridae; Swamps - Marshes; ...2.0532

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Arkansas; Copepoda; Environmental Ecology; Micropterus Dolomieui; Recreation, Outdoor; Water Depth, Water Levels; ...2.1481

PARASITES OF FRESH-WATER FISHES IN NORTH CAROLINA ...Animal Life History Studies; Annelida; Copepoda; Lakes, Nets; Ponds; Temperature (water); ...2.1663

EFFECT OF ENVIRONMENTAL POLLUTION ON FISH DISEASES - EFFECT OF HEAT STRESS ON DISEASE RESISTANCE MECHANISMS IN SALMONID FISHES ...Animal Migration; Contamination - Water; Oncorhynchus; Salmo Gairdneri; Temperature (water); ...2.1764

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

EFFECT OF ENVIRONMENTAL POLLUTION ON FISH DISEASES - ORGANOCHLORINE PESTICIDES AND DISEASE RESISTANCE MECHANISMS OF RAINBOW TROUT ...Chlordan; Contamination - Water; DDT; Salmo Gairdneri; Thiodan; ...4.0901

CHRONIC TOXICITY OF PESTICIDES TO COLD-WATER FISH ...Animal Pharmacology; Fish; Nutrition; Pesticide Residues; Pesticides -see Pesticide; Shock -animal; ...4.0920

Spawning & Nesting Sites

ENVIRONMENTAL CONTROL SYSTEM FOR OYSTER FARMING ...Chemical Measurements (water); Circulation (water); Delaware; Nutrient Studies -animal; Salinity (water); Temperature (water); ...2.1521

ENVIRONMENTAL FACTORS AFFECTING FISHERIES ...Circulation (water); Clupeidae; Delaware River; Environment Resistance-animals; Osteichthyes -other; Pleuronectidae; Temperature (water); ...2.1642

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Data Reduction and Analysis; Environmental Ecology; Eutrophication; Lake Erie; Plankton; Stizostedion Vitreum Vitreum; Water Temperature Recorders; ...2.1672

IMMEDIATE EFFECTS OF LOGGING ON THE FRESHWATER ENVIRONMENT OF SALMONIDS ...Acidity (water); Circulation (water); Forest Debris; Lumbering -general; Population Dynamics -general; Salmonidae; Temperature (water); ...2.1681

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Springs; Wisconsin; ...2.1778

Stocking of Fish & Shellfish

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Aquatic Ecology - Animal; Chemical Water Properties; Ictalurus Punctatus; Lakes; Lime Treatment; Neutralization; Population Dynamics -general; ...2.1027

LIMESTONE DRUM PRODUCTIVITY STUDY -- POPULATION STUDY ...Acidity (water); Chemical Measurements (water); Contamination - Water; Environmental Ecology; Limestone-general; Population Dynamics -general; Spawn Or Nesting Sites; ...2.1131

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Tertiary Treatment; Water Depth, Water Levels; ...2.1272

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation, Water Resources; Social Aspects; Water Resources Development; Water Table; ...2.1305

THE FISHERY OF THOMAS HILL RESERVOIR ...Biological Effects; Electric Power Plants; Energy Conversion; Esocidae; Power Reservoirs; Temperature (water); Thermal Pollution; ...2.1621

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Fishery Development - other; Lake Ontario; Pesticides -see Pesticide; Residues in Foods; Water Depth, Water Levels; Water Resources Planning; ...2.1876

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Aquatic Soils; Dalapon; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Formulation; Pesticide Residues; Ponds; Typhaceae; ...4.0006

THE EFFECTS OF METHOXYCHLOR ON PERCH AND FATHEAD MINNOWS ...Aquatic Ecology - Animal; Bioassay; Minnows; Pesticide Action on Animals; ...4.0678

POND ECOLOGY AND PRODUCTION AS AFFECTED BY SIMAZINE ...Animal Productivity; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticide Aquatic Cycling; Simazine; ...4.0720

Tags

BEHAVIOR PATTERN OF SHAD IN THE VICINITY OF A HEATED EFFLUENT DURING A NO-HEAT PERIOD ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Electric Power Plants; Temperature (water); ...2.1515

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Preimpoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Creel Census; Environment; Fish; Lakes; Performance; Power Reservoirs; Temperature (water); Temperature - Air; User Patterns; ...2.1620

Telemetry

BEHAVIOR PATTERN OF SHAD IN THE VICINITY OF A HEATED EFFLUENT DURING A NO-HEAT PERIOD ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Electric Power Plants; Tags; Temperature (water); ...2.1515

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

Fission Products-see Radioact.

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Iodine; Nuclear Detonations; Radioactive Fallout; Radiotracers -see Tracers; Snow; Troposphere; ...1.0002

TRANSPORT, DEPOSITION, AND METEOROLOGICAL STUDIES OF NUCLEAR DEBRIS IN THE ATMOSPHERE ...Air Pollution Sampling; Atmospheric Dynamics; Atmospheric Structure; Circulation - Patterns; Radioactivity; Stratosphere; Troposphere; ...1.0713

ATOMIC AND NUCLEAR RESEARCH WITH ACCELERATORS ...Attenuation; Ionizing Radiation -see Rad.; Nuclear Structure; Residues in Foods; ...4.0320

FUNDAMENTAL STUDIES IN FALLOUT FORMATION PROCESSES ...Chemical Mechanisms & Kinetics; Electrochemistry; Plasmas; Radiotracers -see Tracers; ...5.0048

CIVIL DEFENSE IMPLICATIONS OF A NUCLEAR POWER REACTOR IN A THERMONUCLEAR TARGET AREA ...Atomic Plants; Civil Defense; Core Reactors; Nuclear Detonations; Nuclear Power; Radiation, Lethal Dose; X and Gamma Rays; ...5.0070

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Microscopy; Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

DISTRIBUTION AND EXCRETION OF 137 CS INHALED IN FUSED CLAY PARTICLES BY THE DOG ...Aerosols; Cerium; Radiation Injury Prevention; Radioactive Isotopes; Strontium; ...5.0429

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Biochemical Analysis - Tissues; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Respiratory Irritants, Inhaled; ...5.0436

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Aerosols; Barium; Cerium; Praseodymium; Radioactivity; Strontium; Yttrium; ...5.0446

GENERATION OF MONODISPERSE AEROSOLS OF INSOLUBLE FORMS FOR USE IN INHALATION EXPOSURES ...Aerosols; Body Isotope Burden; Chelation & Complexing; Electrical Phenomena; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0448

THE DETERMINATION OF PLUTONIUM 239 IN LUNG TISSUE BY ACTIVATION ANALYSIS ...Atomic Bomb; Deer -nonspecific; Fast Neutrons; Plutonium; Radiologic Health; ...5.0819

GLOBAL DISTRIBUTION AND INVENTORY OF SR-90 AND OTHER FISSION PRODUCTS ...Australia; Brazil; Fallout -see Radioactive; Washington; ...5.0882

RADIATION DOSIMETRY RESEARCH ...Alpha Particles; Detectors and Sensors; Fast Neutrons; Human Developmental Biology; Models (physical) of Anim.&man; Radiation Carcinogenesis; Radiologic Health; X and Gamma Rays; ...5.0924

HASTY RURAL SHELTERS AND IMPROVISED LIFE-SUPPORT EQUIPMENT ...Building Construction; Building Design, Pumps; Rural Areas; ...5.0934

Flights

INVESTIGATION OF LOW SPEED AERODYNAMICS AND NOISE GENERATION MECHANISMS FOR DESIGN OF QUIET RECONNAISSANCE AIRCRAFT ...Aerodynamic Configuration; Noise; Noise Abatement; ...6.0018

Flood Control

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Routing; Forecasting - Prediction; Land Use; Mathematical Models; Rain Amount; Sediment Yield; Texas; ...2.0388

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Drainage Systems; Flood Control Planning; Floods; Michigan; Rain; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0626

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research -general; ...2.0811

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation, Water Resources; Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

Flood Control Planning

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Urban Research -general; ...2.0180

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Drainage Systems; Floods; Michigan; Rain; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0626

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research -general; ...2.0811

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Biological Effects; Centrarchidae; Cyprinidae; Deltas; Osteichthyes -other; Turbidity (water); ...2.1484

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Floods; Inventories; Minnesota; Recreation, Water Resources; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1859

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Irrigation; Mathematical Models; Recreation, Water Resources; Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization -general; ...2.1936

Flood Routing

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control; Forecasting - Prediction; Land Use; Mathematical Models; Rain Amount; Sediment Yield; Texas; ...2.0388

SIMULATION OF WATER QUALITY IN STREAMS AND CANALS ...Biochemical Oxygen Demand; Mineralogical Water Properties; River Basins; Texas; ...2.0808

MULTI-BASIN WATER QUALITY SIMULATION ...Canals; Land Use; Texas; Water Costs; Water Standards & Baselines; ...2.0810

INSTRUMENTATION FOR ENGINEERING MANAGEMENT OF A MULTI-PURPOSE RIVER BASIN SYSTEM ...Automatic Data Aquisition; Data Acquisition; Navigation; River Basins; Texas; Water Quality -general; ...2.0814

Flood-flow Design

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

WATER RESERVOIR SYSTEMS ...Atmosphere Disturbance; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Storage; ...2.1786

Floodplains

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects - see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv., Streams; Suspension; Watersheds; ...2.0214

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Drainage Systems; Flood Control Planning; Floods; Michigan; Rain; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0626

POTOMAC RIVER BASIN PROJECT ...Alluvium - Alluvial; Drilling and Coring; Groundwater; Mapping; River Basins; Water Table; ...2.1117

ESTABLISHING GUIDES FOR COORDINATING URBAN PLANNING AND THE DESIGN, ENGINEERING, AND CONSTRUCTION OF URBAN STORM RUN-OFF SYSTEMS ...Erosion; Rainfall - Runoff Relationship; Urban Environment; Urban Planning; Water Pollution Abatement; Water Resources Planning; ...2.1130

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo., Groundwater; Land Use; Percolation (water); Primary Treatment; Secondary Treatment; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1907

ANALYSIS OF POLICY ISSUES POSED BY WATER AND RELATED LAND RESOURCES PROGRAMS IN THE METROPOLITAN REGION ...Benefit-cost Analysis; Economic Impact, Land Use; Riparian Rights; Water Quality -general; ...2.1934

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization -general; ...2.1936

Floods

LIMNOLOGICAL EFFECTS OF ORGANIC WATERSHED LITTER ...Drainage; Organic Matter; Rain Amount; Semi - Arid Regions; Southwest U. S.; ...2.0018

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology; Geologic Maps; Land Use; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Environment; Urban Research -general; ...2.0066

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture;

Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects -see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Bed Load; Conservation -see Soil Conser.; Erosion; Gully Or Channel Erosion; New Mexico; Sediment Yield; Semi - Arid Regions; Streams; ...2.0255

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds, Climates -general; Erosion; Forecasting - Prediction; Great Plains Province, Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control; Flood Routing; Forecasting - Prediction; Land Use; Mathematical Models; Rain Amount; Sediment Yield; Texas; ...2.0388

URBAN GEOLOGY OF HILLSBORO, TEXAS ...Environmental Geology; Geologic Maps; Texas; Urban Environment; Urban Research -general; Waste Disposal, Underground; Water Quality - general; ...2.0389

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Contamination - Water; Fish; Illinois; Invertebrates -nonspecific; Organic Matter; Pollution Effects -see Water; Sediments; ...2.0576

QUALITY OF TILE EFFLUENT ...Chemical Analysis (water); Drainage; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Phaseolus; Phosphorus and Phosphorus Cpds; Soil Analysis; Zea Mays - Field Corn; ...2.0587

WATER RESOURCES OF THE BOWLING GREEN AREA, KENTUCKY ...Aquifers; Cooperative Studies; Groundwater Movement; Land Use; Water Resources Planning; Water Supply - general; ...2.0602

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Drainage Systems; Flood Control Planning; Michigan; Rain; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0626

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research - general; ...2.0811

REMOVAL OF SUSPENDED MATTER AND TURBIDITY FROM WATER BY FLOCCULATION ...Colloidal Phenomena; Electrochemistry; Israel; Salinity (water), Suspension; Water Chemistry; ...2.1022

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Gramineae -other, Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning, Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Model Studies; Nutrients; Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

NATIONAL AND ENVIRONMENTAL HAZARDS, DISORDERS, ENVIRONMENTAL QUALITY ...Drought - Meteorologic; Glaciology; Recreation, Water Resources; Seismology; Urban Environment; Urban Research -general; Water Pollution Sources; ...2.1799

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1823

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Inventories; Minnesota; Recreation, Water Resources; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1859

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Land Use; Navigation; Recreation, Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization -domestic; ...2.1881

COMMUNITY REACTIONS TO WATER RESOURCES PROBLEMS IN RELATION TO PLANNING ...Community - Social Studies; Social Aspects; Urban Environment; Urban Planning; Water Pollution Sources; Water Resources Planning; Water Supply -general; ...2.1895

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Consumption; Development of Models; Land Use; Mathematical Models; Recreation, Water Resources; Statistical Models; Urban Research; ...2.1904

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation, Water Resources; Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Recreation, Water Resources; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Agricultural Runoff; Degradation -see Pesticide Deg; Drainage; Endrin; Pesticide Residues; Saccharum; Water Pollutants - Path of; Water Table - Depth of; ...4.0115

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

INTRAMETROPOLITAN RESIDENTIAL MOBILITY ...Air Pollution; California; Environmental Hazards; Noise, Social Aspects; ...6.0068

Florida

STUDY OF KEY WEST DESALTING PLANT EFFLUENT ...Alkalinity (water); Contamination - Water; Desalination Wastes; Physical Effects; Salinity (water); ...2.0053

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality - general; Water Table - Depth of; ...2.0096

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; Water Quality -general; ...2.0098

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

PRIMARY PRODUCTION AND DECOMPOSITION IN ESTUARINE WATER ...Algae - Phaeophyta; Algal Physiology; Carbon; Cellular Catabolism-see Degrad; Estuaries; Marine Plants; Organic Properties; ...2.0102

EUTROPHICATION FACTORS IN NORTH CENTRAL FLORIDA LAKES ...Eutrophic Lakes; Eutrophication; Mathematical Models; Nutrients; Sub - Tropic Regions; Systems Analysis - Water Mgmt; ...2.0103

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

AN ANOMALOUS OCCURRENCE OF SALINE WATER IN THE FLORIDAN AQUIFER ...Aquifers; Borehole Geophysics; Gamma Radiation; Geophysical Analysis; Saline Water Intrusion; Water Wells; ...2.0106

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Management (water); Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Urban Environment; Water Balance - Budget; ...2.0108

RELATIVE LEACHING RATES OF COMMON NITROGEN CARRIERS FROM SANDY SOILS ...Biological Effects; Eutrophic Lakes; Nutrients; Sandy Soils -see Soil Type; ...2.0109

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Brazil; Marine Plants, Plant Distribution; Plant Population Dynamics -gen; Protozoa; Taxonomy -plant; Water Quality - general; ...2.0542

ST. JOHNS RIVER FISHERY PROJECT ...Animal Habitat Studies; Contamination - Water; Environmental Ecology; Fish and Shellfish; Mans Pollutional Activities; Pollution Effects -see Water; ...2.0543

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Air Pollution -see Specifics; Atomic Absorption; Chlorine; Electrochemistry; Fluorine; Iodine; Rain; ...2.0544

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology -nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

UPPER ST. JOHNS WATER QUALITY, FLORIDA ...Acidity (water); Mineralogical Water Properties; Pesticides -see Pesticide; Trace Elements; ...2.0549

REMOTE SENSING, EVERGLADES AREA, FLORIDA ...Aircraft Remote Sensing; Eutrophication; Plankton; Population Dynamics -general; Spectral Reflectance; Visible Light; ...2.0550

INVESTIGATION OF THE THERMAL PATTERNS IN THE VICINITY OF THE CRYSTAL RIVER ...Aerial Photography -see Photo.; Atomic Plants; Energy Conversion, Forecasting - Prediction; Infrared Radiation; Thermal Pollution; ...2.0685

WATERBORNE DISEASE ETIOLOGY ...Animal Pollutant Sources; Czechoslovakia; Food Contamination; Protozoa; Virginia; Water Wells; ...2.0715

USE OF THE BOULDER ZONE FOR WATER STORAGE AND/OR FOR WASTE DISPOSAL ...Aquifers; Disposal; Soil Tillage; Treatment; Waste Disposal, Underground; Water Storage; ...2.0996

THE PRODUCTION AND USE OF ACTIVATED CARBON FOR WATER RENOVATION IN KRAFT PULP AND PAPER MILLS ...Pilot Plants; Pulp and Paper Wastes; Rehabilitation -streams - lakes; Waste Treatment Economics, ...2.1350

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

THE BIOLOGY OF THE INFAUNA OF A TROPICAL SOFT BOTTOM AREA ...Annelida; Bays; Echinodermata; Estuaries; Marine Environments; Tropical Regions; ...2.1530

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Induced Temperature; Marine Plants; Population Dynamics -general; Thermal Pollution; ...2.1532

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal; Bays; Social Aspects; Urban Environment; Urban Planning; Urban Research -general; Water Quality -general; Water Resources Planning; ...2.1809

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Legal Studies; Mississippi; Recreation, Water Resources; South Carolina; State Government; Water Pollution Sources; ...2.1815

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Eutrophication; Lagoons; Pipe; Sanitary Sewage Quantity; Sewage - Domestic; Sub - Tropic Regions; Water Pollution Abatement; ...3.0109

UTILIZATION OF FLORIDA PHOSPHATE SLIMES ...Acid Mine Wastes; Ceramics; Fresh Water; Phosphorus and Phosphorus Cpds; Sediments; Waste Material Recovery; Water Reuse; ...3.0128

EFFECTS OF GARBAGE COMPOST ON SOIL PROCESSES ...Nitrification; Soil Amendments; Soil Microbiology; Soil Organic Content; Waste Disposal on Soils; ...3.0366

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

ECOLOGICAL RECORDS ON ELGIN AFB RESERVATION ...Bactericides -nonspecific; Liquids Or Sprays; Pesticide Application Equip.; Plant Biomes; ...4.0269

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS ...Cipc; Dichlobenil; Fruit, Nut, and Berry Crops; Herbicides -nonspecific; Mineral Nutrition; Pesticide Phytotoxicity; Prunus Persica; Vitaceae; ...4.0279

EFFECTS OF PESTICIDES ON MARINE ANIMALS ...Developmental Physiology; Echinodermata; Hippolyte; Invertebrate Physiology; Marine Pollution; Pesticide Toxicity in Animals; ...4.0593

WILDLIFE RESEARCH ...Bioassay; Censusing; Endangered Species; Pathology; Pelecaniformes; Population Dynamics -general; Spawn Or Nesting Sites; ...4.0596

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Air - Water - Plant Relations; Cesium; Environmental Ecology; Food Contamination; Pollution Effects -see Water; Radioactive Contamination; Radiologic Health; Soil Chemical Properties; ...5.0031

TRITIATED HYDROGEN IN THE ATMOSPHERE - OF A NEW ULTRA-SENSITIVE TECHNIQUE FOR ENVIRONMENTAL SAMPLING IN NATURE AND INDUSTRY (ABBREV.) ...Adsorption; Air Pollution-chemistry; Atmospheric Dynamics; Catalysis, Heterogeneous; Combustion; Detectors and Sensors; Industrial Wastes; Radioactivity; ...5.0813

Flow Characteristics (water)

RIVER MURRAY SALINITY (SPECIAL PROGRAMME) ...Australia; Data Acquisition; Saline Water Intrusion; Salinity (water); Water Quality Control -general; ...2.0025

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality -general; Water Table - Depth of; ...2.0096

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Channel Roughness; Currents (water); Estuaries; Fluid Mechanics; Forecasting - Prediction; Rate of Deposition; Sedimentation; Solid Waste; Turbidity (water); ...2.0101

GAVE DE PAU RIVER ...Alluvium - Alluvial; France; Water Quality Control -general; ...2.0110

POLLUTION IN HAWAIIAN WATERSHEDS ...Bacterial Pollutant Sources; Biological Water Properties; Chemical Water Properties; Hawaii; Nutrients; Water Pollutant Identification; Water Pollution Effects; Water Pollution Sources; Watersheds; ...2.0118

ROLE OF FERTILIZERS IN WATER POLLUTION ...Agricultural Runoff; Drainage; Fertilizers; Leaching; Tillage, Cropping Systems; Water Table - Depth of; ...2.0134

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Agnatha; Chemical Water Properties; Control of Nuisance Species; Engineering Structures-general; Lake Ontario; Salmonidae; Survey Studies (water); ...2.0260

RADIONUCLIDE MOVEMENT IN GROUNDWATER ...Groundwater; Groundwater Movement; Radioisotopes; Seepage (water); Water Pollutants - Path of; Water Pollution Sources; ...2.0356

HYDROGEOLOGY OF A WELL FIELD ...Connecticut; Geology - general; Soil Tillage; Water Quality -general; Water Resources Planning; Water Wells; ...2.0367

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Borehole Geophysics; Burial; Groundwater; Idaho; Isotope Tracer -see Tracers; Radioisotopes; Waste Water - general; Water Pollution Sources; ...2.0569

EFFECTS OF AUGMENTED STREAM FLOW ON WATER QUALITY ...Alkalinity (water); Chemical Analysis (water); Coliforms -nonspecific; Fluorine; Ohio; ...2.0734

TEMPERATURE DISTRIBUTIONS RESULTING FROM COOLING WATER DISCHARGES ...Development of Models; Energy Conversion; Mathematical Models; Power Reservoirs; Streams; Thermal Pollution; ...2.0805

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

A PRE-IMPOUNDMENT ECOLOGICAL STUDY OF THE BOTTOM FAUNA AND WATER QUALITY IN THE NORTH ANNA RIVER ...Atomic Plants; Chemical Analysis (water); Contamination - Water; Environmental Ecology; Management (water); Thermal Pollution; Water Standards & Baselines; ...2.0834

LIVESTOCK FARMSTEAD WATER SYSTEMS ...Chemical Treatment (water); Farm Structures & Design; Mathematical Models; Pumps; Water Distribution Systems; Water Utilization -general; ...2.0901

SEDIMENTATION AND CONTAMINANT CRITERIA FOR WATER RESOURCES PLANNING AND MANAGEMENT ...Dispersion (water); Management (water); Sedimentation; Water Pollutants - Path of; Water Standards & Baselines; ...2.0984

DISPERSION OF CONTAMINANTS IN JOINTED ROCK ...Dispersion (water); Injection Wells; Mathematical Analysis; Physical Models; Seepage (water); Waste Disposal, Underground; Water Quality Control -general; ...2.1004

BOUNDARY EFFECTS ON JET FLOW PATTERNS RELATED TO WATER QUALITY AND POLLUTION PROBLEMS ...Destratification; Fluid Mechanics; Water Quality Control - general; ...2.1010

RESEARCH INITIATION - MIXING AND TRANSFER PROCESSES FOR HEATED EFFLUENTS IN OPEN CHANNEL FLOW ...Channels; Energy Conversion; Flume Studies; Heat Flow (water); Physical Models; Thermal Pollution; ...2.1019

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Filters - Porous Materials; Groundwater Movement; Irrigation Engineering; Recharge Pits - Wells (water); Soil Profile; ...2.1026

STREAM REAERATION ...Aeration (water); Nutrients; Organic Matter; Physiological Effects; Southwest U. S.; ...2.1080

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency; Industrial Wastes; Model Studies; North Carolina; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Protection; ...2.1104

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

FACTORS INFLUENCING THE PRODUCTION OF PLANKTONIC AND BENTHIC PLANTS ...Algal Physiology; Chemical Water Properties; Effluents - Waste Water; Nutrients; Optical Properties of Water; Phytoplankton; Plant Succession; Water Pollution Sources; ...2.1473

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

RESEARCH AND BASIC DATA ON THERMAL POLLUTION ...Climatology; Energy Conversion; Fluid Mechanics; Heat Balance - Budget; Temperature; Weather Data; ...2.1506

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Groundwater; Infiltration; Pesticide Residues Removal; Pesticides -see Pesticide; Sewage; Soil Organic Content; Waste Water Treatment -general; ...2.1540

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

CONTROLLING THERMAL POLLUTION IN SMALL STREAMS ...Energy Budgets; Induced Temperature; Lumbering -general; Model Studies; Pulp and Paper Wastes; Temperature (water); Thermal Pollution; ...2.1677

HYDROLOGY OF SMALL MOUNTAIN STREAMS ...Forest Debris; Hydrographs; Lumbering -general; Pulp and Paper Wastes; ...2.1680

DEPENDENCE OF FISH ON TIDAL MARSHES ...Aquatic Ecology - Animal; Computer Models; Management (water); Model Studies; Tides; ...2.1695

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Biological Water Properties; Destratification; Model Studies; Physical Water Properties; Reservoirs and Impoundments; Tennessee; Water Quality Control -general; Water Supply -general; ...2.1713

EVALUATION OF GROUNDWATER RESOURCES, LIVERMORE VALLEY, CALIFORNIA ...California; Management (water); Model Studies; Soil Tillage; Water Quality -general; ...2.1789

STOCHASTIC MODELS FOR WATER RESOURCES MANAGEMENT ...Economic Theory; Management (water); River Basins; Stochastic Models; Water Allocation; Water Resources Planning; Water Supply Augmentation; ...2.1879

Flowers, Cut -see Ornamentals

BIOLOGY AND CONTROL OF INSECT AND OTHER PESTS OF CUT FLOWERS ...Acaricides -nonspecific; Azodrin; Chrysanthemum; Fungicides -nonspecific; Methomyl; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; ...4.0258

Fluid Mechanics

METEOROLOGY FOR NUCLEAR REACTORS ...Atmospheric Dynamics; Automatic Weather Stations; Ohio; Radioactivity; Urban Research -general; ...1.0027

MISCELLANEOUS ENVIRONMENTAL ENGINEERING TESTS (P) ...Air Cleaning Devices; Air Conditioning; Building Construction; Building Design; Temperature Instruments; ...1.0037

THIRTEENTH INTERNATIONAL SYMPOSIUM ON COMBUSTION ...Chemical Mechanisms & Kinetics; Combustion; Meetings; Propellants; ...1.0131

WIND TUNNEL STUDIES ...Building Construction; Building Design; Engineering Mechanics; ...1.0139

BASIC STUDY OF AIR POLLUTION WET-SCRUBBERS ...Absorption - Chemistry; Chemical Mechanisms & Kinetics; Energy Conversion; Foam; Particulate Matter - Air Poll.; Washing; ...1.0538

SMOG ELIMINATION RESULTING FROM BUILDING DESIGN AND CITY PLANNING ...Building Design; Photography; Planning; Smoke -see Air Pollution; Surveying; Urban Research - general; ...1.0558

CONTROL OF AIR CONTAMINANTS IN THE HOME ...Aerosols; Air Cleaning Devices; Air Pollution; General Sanitation Methods; Home Economics; Noise -see Noise; Particulates - Air Pollution; ...1.0559

USE OF ELECTRIC FIELDS IN COMBUSTION ...Air Pollution-chemistry; Combustion; Electric Field; Furnace and Incinerator Design; Furnaces; Incineration; Nitrogen and Nitrogen Cpds.; Pilot Plants; ...1.0638

NUCLEAR METHODS OF ANALYSIS ...Activation Analysis; Coal Research; Desulfurization; Pilot Plants; ...1.0857

AN INTEGRATED SYSTEM FOR SAMPLING STACK EMISSIONS ...Air Pollution Analysis; Air Pollution Monitoring; Air Pollution Sampling; Combustion; Combustion Air Pollution-gen; Dust; Furnace and Incinerator Design; ...1.0858

DISPERSION OF AIR POLLUTANTS ...Air Pollution -see Specifics; Furnace and Incinerator Design; Meteorological Factors; ...1.0892

DISPERSION OF HEAT IN STRATIFIED FLOW ...Dispersion (water); Electric Power Plants; Energy Conversion; Estuaries; Heat Flow (water); Thermal Pollution; ...2.0042

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Erosion; Rate of Deposition; Sediment Transport; Sedimentation; Streams; Survey Studies (water); ...2.0061

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Channel Roughness; Currents (water); Estuaries; Forecasting - Prediction; Rate of Deposition; Sedimentation; Solid Waste; Turbidity (water); ...2.0101

RURAL RUNOFF CONTROL ...Adsorption; Contamination - Water; Nutrients; Pesticides -nonspecific; Soil Chemical Properties; ...2.0111

SALT POLLUTION OF GROUNDWATER ...Artificial Recharge; Fresh Water; Groundwater Movement; Management (water); Saline Water Intrusion; ...2.0225

HYDRODYNAMICS AND DISCHARGE MEASUREMENTS OF STORM SEWERS ...Mathematical Models; Soil Tillage; Storm Sewer Quantity; Urban Environment; ...2.0249

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Beta Particles; Canals; Dredging; Gamma Spectroscopy; Harbors; Marine Geology; Ocean Meteorological Studies; Radioactivity; Seismology; ...2.0424

UNSTEADY FLOW OF GROUNDWATER--DISPERSION AND SALT WATER INTRUSION IN NON-HOMOGENEOUS MEDIA ...Aquifers; Dispersion (water); Physical Models; Recharge (water); Recharge Pits - Wells (water); Saline Water Intrusion; Water Wells; ...2.0450

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Energy Conversion; Flume Studies; Model Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Analysis and Detection; Element Ratios; Gulf of Mexico; Lakes; Organic Matter; Tracers; Water Pollution Sources; ...2.0823

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Ash-coal Filters; Filters-filtration; Filtration; Pilot Plants; Sand; Soil Particle Size; Turbidity (water); Water Distribution Systems; ...2.0887

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Chemical Analysis -general; Ion Exchange; Isotope Tracer -see Tracers; Mechanism Determination; Reactors; Sand Filters; Utilization; ...2.0888

FOAM SEPARATION FLOTATION OF COLLOID ORGANIC SYSTEMS ...Chelation & Complexing; Demineralization; Mineralogical Water Properties; Process Design; Surfactants -see Detergents; Waste Water Treatment -general; ...2.0899

IMPROVEMENT OF QUALITY OF WATER RESOURCES BY A THREE-FOLD ATTACK - ADSORPTION, SEDIMENTATION AND MIXING ...Adsorption; Adsorption Capacity; Flocculation; Pollutant Removal; Process Design; Thermodynamics; Water Pollution Abatement; ...2.0905

SAND FILTRATION OF DISCRETE SUSPENSIONS ...Sand Filters; Turbidity; ...2.0913

ADSORPTION FROM AQUEOUS SOLUTION ...Adsorption; Chemical Mechanisms & Kinetics; Fluidized Bed Reactor; Organic Matter; Organics; Waste Water Treatment -general; ...2.0914

THE VORTEX CHAMBER AS A GRIT REMOVAL DEVICE FOR WATER TREATMENT ...Pollutant Removal; Turbidity (water); Waste Treatment; Water Purification; ...2.0945

ADSORPTION OF ORGANIC COMPOUNDS ONTO SOLIDS FROM AQUEOUS SOLUTIONS ...Adsorption; Chemical Mechanisms & Kinetics; Constants; Forecasting - Prediction; Model Studies; Organic Matter; Organics; ...2.0949

MIXING PROCESSES IN SATURATED AND UNSATURATED SOIL-WATER SYSTEMS IN RELATION TO POLLUTION ...Chlorine; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; ...2.0965

LAKE CURRENTS AND DIFFUSION PROCESSES ...Canada; Dispersion (water); Petroleum Wastes - Spillage; Water Pollutants - Path of; ...2.0975

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

CORROSION AND ENCRUSTATION MECHANISMS IN WATER SUPPLIES ...Corrosion, Deterioration; Demineralization; Mineralization; Oxidation; Thermodynamics; Water Wells; ...2.0991

DISSIPATION AND DIFFUSION OF HEAT IN STREAMS AND LAKES ...Energy Conversion; Heat Flow (water); Lakes; Thermal Pollution; ...2.0993

BOUNDARY EFFECTS ON JET FLOW PATTERNS RELATED TO WATER QUALITY AND POLLUTION PROBLEMS ...Destratification; Flow Characteristics (water); Water Quality Control -general; ...2.1010

METHODOLOGY FOR SYNTHESIS AND OPTIMIZATION OF DIFFUSION PATTERNS IN FLOW SYSTEMS ...Dispersion (water); Optimization, Economic; Tracers; Water Pollutants - Path of; Water Pollution Sources; ...2.1011

DISPERSION DURING FLOW IN HETEROGENEOUS POROUS MEDIA ...Data Reduction and Analysis; Groundwater Movement; Isotope Tracer -see Tracers; Model Studies; Seepage (water); Water Pollutants - Path of; ...2.1014

RESEARCH INITIATION - MIXING AND TRANSFER PROCESSES FOR HEATED EFFLUENTS IN OPEN CHANNEL FLOW ...Channels; Energy Conversion; Flow Characteristics (water); Flume Studies; Heat Flow (water); Physical Models; Thermal Pollution; ...2.1019

THE DIFFUSION COEFFICIENT IN OPEN CHANNEL FLOW ...Channel Geometry; Dispersion (water); Flume Studies; Mathematical Models; Sedimentation; Streams; ...2.1028

THE DISPERSION OF CONTINUOUSLY INJECTED EFFLUENTS IN OPEN CHANNELS ...Dispersion (water); Effluents - Waste Water; Hydraulics; Mathematical Models; Mississippi; Physical Models; ...2.1029

DETERMINATION OF THE FEASIBILITY OF REMOVAL OF ALGAL NUTRIENTS IN LAKE WATERS BY ION-EXCHANGE ...Acidity (water); Circulation (water); Eutrophication; Ion Exchange; Massachusetts; Nutrients; Water Chemistry; ...2.1040

TURBULENCE IN A STRATIFIED FLOW ...Oceanography - general; Water Quality -general; Wind Tunnels; ...2.1044

CHANNELIZATION STUDIES ...Channel Geometry; Reservoirs and Impoundments; Sedimentation; Sediments; Water Resources Protection; ...2.1062

RESEARCH ON PHYSICAL ASPECTS OF THERMAL POLLUTION ...Energy Conversion; Forecasting - Prediction; Lakes; Mathematical Models; Stratification (water); Thermal Pollution; Thermocline; ...2.1063

COMPUTE SIMULATION OF DIFFUSION STUDIES ...Computer Models; Differential Equations; Mathematical Analysis; Monte Carlo Methods; Water Quality -general; ...2.1066

ESTUARINE DIFFUSION OF POLLUTANTS ...Bays; Fresh Water; Oregon; Stratification (water); ...2.1085

TRANSPORT OF SOLID SUSPENSION IN CONDUITS ...Design Criteria; Pipe; Pipes; Sewer Systems; Solid Waste; ...2.1087

DIFFUSION OF THERMALLY BUOYANT WATER JETS INTO A MOVING WATER STREAM ...Density; Diffusion; Streams; Thermal Pollution; Water Temperature Recorders; ...2.1093

TURBULENT MIXING IN SUBMERGED TWO-DIMENSIONAL WALL JETS ...Energy Conversion; Forecasting - Prediction; Mineralization; Thermal Pollution; ...2.1098

DISCHARGE OF NEGATIVELY BUOYANT FLUIDS ...Data Networks; Density; Energy Conversion; Mathematical Models; Stratification (water); ...2.1101

MIXING AND DISPERSION OF CONTAMINANTS IN RESERVOIRS ...Currents (water); Dispersion (water); Lakes; Texas; Water Pollutants - Path of; ...2.1108

UNSTEADY FLOW AND SALINE INTRUSION IN ESTUARIES ...Channels; Development of Models; Digital Computer Applications; Estuaries; Mathematical Models; Model Studies; Saline Water Intrusion; ...2.1116

MODELING OF VENTED HYDROTURBINE REAERATION ...Aeration (water); Energy Conversion; Mathematical Models; Pumps; Reservoirs and Impoundments; Turbines; ...2.1134

DISPERSION AND SALT WATER INTRUSION IN NON-HOMOGENEOUS POROUS MEDIA ...Aquifers; Engineering Mechanics; Saline Water Intrusion; ...2.1137

DEMINERALIZATION OF WASTEWATER BY THE TRANSPORT-DEPLETION PROCESS ...Demineralization; Electrodialysis; Process Design; Waste Management -see Specific; Waste Water Treatment -general; ...2.1144

FILTRATION OF AQUEOUS EFFLUENTS CARRYING EMULSIFIED OILS ...Chemical Water Properties; Coalescence; Filters-filtration; Turbidity (water); ...2.1169

A STUDY OF THE EFFECT OF ULTRASONIC ENERGY ON WASTE WATER ...Acoustics; Disinfection; Nitrogen and Nitrogen Cpds.; Organics; Ultrasonic Engineering; ...2.1178

FURTHER STUDIES OF INFILTRATION ...Disposal; Drainage, Groundwater; Infiltration; Saturated- Unsaturated Soils; Subsurface Runoff; Waste Water Treatment -general; ...2.1183

OILY WATER SEPARATOR ...Filtration; Oil Removal; Ship Wastes; Temperature; Waste Treatment; ...2.1207

ROTATIONAL STABILITY IN DILUTE POLYMER SOLUTIONS ...Chemical Mechanisms & Kinetics; ...2.1210

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Alum Waste Water Treatment; Chlorination; Disinfection; Electrical Phenomena; Pilot Plants; Tertiary Treatment; Waste Water Treatment -general; ...2.1221

THE FINITE ELEMENT METHOD IN FLUID MECHANICS ...Degradation -see Pesticide Deg; Engineering Mechanics, Groundwater Movement; ...2.1236

THE MECHANICS OF SEDIMENT REMOVAL FROM ALLUVIAL STREAMS ...Design Criteria; Flume Studies; Mathematical Models; Sedimentation; Water Control Works -general; ...2.1280

TRANSPORT AND FATE OF POLLUTANTS IN SOIL ...Porous Filters, Soil Filters; Waste Disposal-see Solid Waste; Water Reuse; ...2.1295

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ...Alum Waste Water Treatment; Biochemical Oxygen Demand; Electrodialysis; Flocculation; Ion Exchange; Sand Filters; Solid Waste; Waste Treatment Economics; ...2.1365

ELECTRODIALYSIS TREATMENT OF SECONDARY EFFLUENT ...Demineralization; Pilot Plants; Waste Water Treatment -general; Water Reuse; ...2.1380

ADSORPTION OF VIRUS-SIZED PARTICLES IN POROUS MEDIA ...Artificial Recharge; Forecasting - Prediction; Groundwater Recharge-see Rechg; Viral Pollutant Sources; Water Pollution -see Specifics; Water Supply Augmentation; ...2.1387

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ...Chelation & Complexing; Colloidal Phenomena; Filtration; Mathematical Models; New England Province, Rhode Island; Sedimentation; ...2.1411

DEWATERING AND DRYING OF SLUDGE ON POROUS MEDIA ...Colloidal Phenomena; Dewatering; Gamma Spectroscopy; Porous Filters; Sand Filters; Sludge; ...2.1419

TERTIARY TREATMENT BY COUNTER-CURRENT CARBON FILTRATION ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Pilot Plants; Sewage Treatment Plant; Total Organic Carbon; ...2.1427

METHODS TO REDUCE WATER POLLUTION CAUSED BY STORM WATER SEWER LOADING BY USING FLUID FLOW FRICTION REDUCERS ...Chemical Mechanisms & Kinetics; Electrochemistry; Groundwater; Pipe; Sewage - Domestic; ...2.1432

INVESTIGATION OF RECOVERY OF LARGE MARINE OIL SPILLS BY USE OF A VORTEX ASSISTED AIR LIFT ...Hydraulics; Ocean Waves -see Waves; Oil; Oil Removal; Petroleum Wastes - Spillage; Physical Models; Ships and Cruises; ...2.1444

RESEARCH AND BASIC DATA ON THERMAL POLLUTION ...Climatology, Energy Conversion; Heat Balance - Budget; Temperature; Weather Data; ...2.1506

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...California; Data Reduction and Analysis; Ocean; Ocean Waves -see Waves; Pacific Ocean; Salinity; Sewer Systems; Thermal Properties; ...3.0068

MASS TRANSFER AND CHEMICAL REACTION IN TWO-PHASE FLOW ...Aeration (water); Model Studies; Pipe; Sewer Systems; Waste Water Treatment -general; ...3.0100

DEVELOPMENT OF A DEVICE FOR DISCHARGE MEASUREMENT WITHIN A SEWER PIPE ...Model Studies; Physical Models; Pipe; Pipes; Urban Environment; Urban Research - general; ...3.0135

OPTIMAL DESIGN OF SEWER AND DRAINAGE SYSTEMS ...Process Design; ...3.0174

PIPELINE FLOW OF SOLIDS-LIQUID SUSPENSIONS ...Pipe; Pipelines; Pipes; Sludge; Waste Treatment Economics; ...3.0247

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL--SOLIDS SEPARATION BY CHEMICAL TREATMENT AND FILTRATION ...Ash-coal Filters; Colloidal Phenomena; Sand Filters; Turbidity; ...3.0261

HEAT TRANSFER STUDIES ON SLUDGE SUSPENSION ...Digestion; Disposal; Heat Transmission; Pipelines; Soil Amendments, Solid Waste; Waste Disposal on Soils; ...3.0263

DESIGN OF A WATER DISPOSABLE PACKAGING CONTAINER ...Ceramics, Coatings -see Materials; Corrosion, Deterioration, Materials -properties; Packaging Materials; ...3.0309

RESEARCH INTO VARIOUS ASPECTS OF MOTOR VEHICLES INCLUDING NOISE, DYNAMIC BEHAVIOR, SAFETY, AERODYNAMICS AND AIR POLLUTION ...Automobile & Components; Engine; Engineering Mechanics; Engines; Noise; ...6.0051

Flume Studies

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Energy Conversion; Model Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF MIXING ZONE FOR WASTE EFFLUENTS DISCHARGED INTO STREAMS OR RIVERS ...Coastlines - Shorelines; Effluents - Waste Water; Lakes; Outlets; Streams & Rivers; ...2.0861

MIXING PROCESSES IN ESTUARIES ...Dispersion (water); Estuaries; Forecasting - Prediction; Heat Transmission; Physical Models; Stratification (water); Water Pollutants - Path of; ...2.0964

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides -nonspecific, Biological; Coatings -see Materials; Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Plastics; Water Distribution Systems; ...2.0977

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

RESEARCH INITIATION - MIXING AND TRANSFER PROCESSES FOR HEATED EFFLUENTS IN OPEN CHANNEL FLOW ...Channels; Energy Conversion; Flow Characteristics (water); Heat Flow (water); Physical Models; Thermal Pollution; ...2.1019

NATURAL MIXING AND TRANSFER PROCESSES FOR THERMAL LOADS IN STREAMS ...Channels; Energy Conversion; Forecasting - Prediction; Thermal Pollution; ...2.1020

THE DIFFUSION COEFFICIENT IN OPEN CHANNEL FLOW ...Channel Geometry; Dispersion (water); Fluid Mechanics; Mathematical Models; Sedimentation; Streams; ...2.1028

THE MECHANICS OF SEDIMENT REMOVAL FROM ALLUVIAL STREAMS ...Design Criteria; Fluid Mechanics; Mathematical Models; Sedimentation; Water Control Works -general; ...2.1280

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Irrigation; Planting Methods; Rock - Soil Pollution; Soil Chemical Properties; Soil Profile; Waste Disposal on Soils; ...3.0008

CHLORINE CONTACT TANK DESIGN ...Chemical Analysis - general; Disinfection; Physical Models, Tanks; ...3.0130

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

Fluoridation

IMPROVEMENT OF ANALYTIC AND FEEDING METHODS FOR FLUORIDES ...Fluorine; Potable Water; Rural Areas; ...2.0902

LONG TERM EFFECTS OF WATER FLUORIDATION IN GRAND RAPIDS, MICHIGAN ...Fluorine; Michigan; ...2.0903

STUDY ON FLUORIDE CONCENTRATIONS IN TOOTH ENAMEL ...Aluminum; Fluorine; Potable Water; Public Water Supply Reservoirs; Trace Elements; Zinc; ...2.0907

BIBLIOGRAPHY ON FLUORIDATION OF PUBLIC WATER SUPPLIES ...Abstracts; Bibliography; Environmental Effects - Human; Fluorine; Literature Search; Potable Water; ...2.0932

THE EFFECT OF SCHOOL WATER FLUORIDATION ON DENTAL CARIES ...Fluorine; Water Utilization -domestic; ...2.1500

Fluorine

CHICAGO AIR POLLUTION SYSTEMS MODEL ...Air Cleaning Devices; Diffusion; Gases; Mathematical Models; Trace Analysis; Urban Environment; Weather Data; ...1.0046

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Air Pollution Sampling; Atmospheric Dynamics; Energy Conversion; Gases; Mathematical Analysis; Particulates - Air Pollution; Smoke; Turbulence; ...1.0091

UPDATE NAPCA DATA FILE OF NATION-WIDE EMISSIONS ...Air Pollution-chemistry; Combustion; Lead; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Refuse Dumps; Statistics; ...1.0098

RADIOACTIVE FALLOUT RATES AND MECHANISMS ...Chlorine; Cosmic Rays; Radioactive Isotopes; ...1.0160

FURNISHING NOTICE OF RESEARCH PROJECTS RELATIVE TO ALL BIOLOGICAL INFORMATION ...Air Pollution -see Specifics; Asbestos; Carbon Monoxide; Chlorine; Lead; Pollens - see Air Pollution; Zinc; ...1.0193

INVESTIGATIONS INTO THE TOXICOLOGY OF FLUORIDE ...Air Pollution -see Specifics; Muridae; Occupational Hazards; Toxicology; ...1.0237

IMMINENT AND SUBSTANTIAL ENDANGERMENT TO HEALTH ...Air Pollution; Air Pollution -see Specifics; Air Pollution Effects; Environmental Hazards; Lead; Nitrogen and Nitrogen Cpds.; ...1.0263

EFFECTS OF AIRBORNE FLUORIDES ON ANIMAL NUTRITION AND METABOLISM ...Air Pollution -see Specifics; Cricetus; Soil Analysis; ...1.0288

AIR POLLUTION TRAINING PROGRAM ...Air Pollution -see Specifics; Climates -general; Motivation and Instinct; Pesticide Action on Animals; Pesticides -nonspecific; Wildlife -nonspecific; ...1.0295

EFFECTS OF FLUORIDES IN AIR, WATER, AND SOIL ON GROWTH, QUALITY, AND YIELDS OF TREE, FIELD, AND VEGETABLE CROPS ...Air - Water - Plant Relations; Aluminum; Gases; Mineral Nutrition; Soil Water Plant Relationships; Zinc; ...1.0319

THE TOTAL EFFECT OF AIR POLLUTANTS ON BEARING CITRUS ...Air Pollution -see Specifics; California; Citrus; Fruit, Nut, and Berry Crops; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Response to Env. -ns; ...1.0325

EFFECTS OF AIR-BORNE FLUORIDES ON CITRUS ...Air Pollution -see Specifics; Citrus; Fruit, Nut, and Berry Crops; Leaf Analysis; Plant Pathology - Env. Relat.; ...1.0340

EFFECTS OF AIR-BORNE FLUORIDES ON CITRUS ...Citrus; Fertilizer Industry; Fruit, Nut, and Berry Crops; Herbicides and Other Chem; Industrial Pollution -general; Leaf Analysis; Mineral Composition; ...1.0341

EFFECT OF FLUORIDE ON PLANTS ...Air Pollution -see Specifics; Enzymes; Herbicides and Other Chem; Iridaceae; Medicago; Ornamentals; ...1.0343

LITERATURE REVIEW ON THE EFFECT OF AIR POLLUTANTS ON LIVESTOCK AND POULTRY ...Air Pollution -see Specifics; Arsenic; Environment Resistance-animals; Literature Search; Poultry -nonspecific; Sus; ...1.0352

SURVEY OF AIRBORNE FLUORIDES IN GLACIER NATIONAL PARK AND EFFECTS ON VEGETATION AND WILDLIFE ...Air Pollution -see Specifics; Mammals -nonspecific; Plant Community Mapping; Plant Response to Env. -ns; Pollution Effects - see Water; Rodentia -other; Wildlife -nonspecific; ...1.0363

EFFECTS OF AIR POLLUTANTS ON PLANT SYSTEMS ...Absorption (incl. Adsorption); Aging; Climates -general; Growth; Humidity; Ornamentals; Respiration; ...1.0383

EFFECTS ON FOREST TREES OF LONG-TERM EXPOSURE TO LOW CONCENTRATIONS OF AIR POLLUTANTS ...Forest Pathology; Pinus Strobus; Pollutant Resistance; Smoke -see Air Pollution; ...1.0384

GLACIER NATIONAL PARK ABATEMENT STUDY - ASSESSMENT OF VEGETATION EFFECTS ...Air Pollution -see Specifics; Air Pollution-chemistry; Loss Damages - Recreation; Monitoring; Parks; ...1.0389

MT STORM - W VIRGINIA - GARRETT COUNTY - MARYLAND ABATEMENT ACTION - FIELD INVESTIGATION ...Air Pollution-chemistry; Chemical Analysis -general; Dust; Industrial Pollution -general; Leaf Analysis; Monitoring; Nitrogen and Nitrogen Cpds.; ...1.0399

EFFECT OF VARIOUS GASEOUS CONTAMINANTS OF THE ATMOSPHERE ON PLANT GROWTH AND BEHAVIOR ...Carbon Disulfide; Enzymes; Growth; Industrial Pollution -general; Pollutant Resistance; Reproductive Physiology; Respiration; ...1.0420

FLUOROSIS IN PLANTS AND ANIMALS ...Air Pollution -see Specifics; Bovidae -other; Equidae; Injury -animal; Ovis; ...1.0428

EFFECTS OF FLUORIDE ON PHOSPHORUS METABOLISM OF PLANTS ...Air Pollution -see Specifics; Growth; Metabolism; Phaseolus; Phosphorus and Phosphorus Cpds; Respiration; ...1.0431

DEVELOP REFERENCE AIR QUALITY VALUES ...Air Pollution -see Specifics; Air Pollution-chemistry; Carbon Monoxide; Lead; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; ...1.0524

DEVELOPMENT OF REFERENCE AIR QUALITY STANDARDS ...Air Pollution -see Specifics; Air Pollution Effects; Lead; Nitrogen and Nitrogen Cpds.; ...1.0525

REVIEW AND PREPARATION OF CRITERIA DOCUMENTS FOR NO, F, ODORS (INCLUDING H2S) HCL, CL2 (GAS) ...Chlorine; Corrosion, Deterioration; Gases; Nitrogen and Nitrogen Cpds.; Noise -see Noise; ...1.0526

DEVELOP & IMPLEMENT OPERATIONAL SYSTEM FOR EVALUATING & COLLABORATIVELY TESTING METHODS RECOMMENDED FOR AIR POLLUTION MEASUREMENT (ABBREV) ...Air Pollution; Air Pollution Analysis, Aldehydes - nonspecific; Carbon Monoxide; Lead; Methane; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0843

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Aluminum; Chlorine; Iodine; Precipitation Gages; Rain; Zinc; ...2.0097

CHEMISTRY OF MINERALIZED WATERS ...Arsenic; Bromine; Chlorine; Geology -general; Iodine; Origin; Water Quality - general; ...2.0311

THE QUALITY OF ARIZONA WATERS WITH PARTICULAR REFERENCE TO FLUORIDES ...Arizona; Chemical Analysis (water); Water Quality -general; Water Wells; ...2.0474

RESEARCH TRACE METHODS ...Electroanalyses; Geological Exploration; Mercury; Trace Element Analysis; ...2.0518

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Air Pollution -see Specifics; Atomic Absorption; Chlorine; Electrochemistry; Iodine; Rain; ...2.0544

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationships; Subsurface Runoff; Water Pollutant Identification; Weathering -geologic; ...2.0566

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

METHODS IN SPECTROGRAPHIC ANALYSIS OF SOILS & PLANTS FOR MINOR ELEMENTS ...Animal Migration; Atomic Absorption; Drainage; Emission Spectroscopy; Fluorometry; Soil Analysis; X-ray Spectroscopy; ...2.0580

POTENTIOMETRIC TECHNIQUES FOR MONITORING IONS INVOLVED IN WATER POLLUTION ...Analysis and Detection; Automatic Data Aquisition; Chemical Analysis (water); Electrochemistry; Potentiometry; Water Pollutant Identification; ...2.0656

EFFECTS OF AUGMENTED STREAM FLOW ON WATER QUALITY ...Alkalinity (water); Chemical Analysis (water); Coliforms -nonspecific; Ohio; ...2.0734

IMPROVEMENT OF ANALYTIC AND FEEDING METHODS FOR FLUORIDES ...Fluoridation; Potable Water, Rural Areas; ...2.0902

LONG TERM EFFECTS OF WATER FLUORIDATION IN GRAND RAPIDS, MICHIGAN ...Fluoridation; Michigan; ...2.0903

STUDY ON FLUORIDE CONCENTRATIONS IN TOOTH ENAMEL ...Aluminum; Fluoridation; Potable Water; Public Water Supply Reservoirs; Trace Elements; Zinc; ...2.0907

BIBLIOGRAPHY ON FLUORIDATION OF PUBLIC WATER SUPPLIES ...Abstracts; Bibliography; Environmental Effects - Human; Fluoridation; Literature Search; Potable Water; ...2.0932

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Drainage Engineering; Growth; Water Table; ...2.1229

THE EFFECT OF SCHOOL WATER FLUORIDATION ON DENTAL CARIES ...Fluoridation; Water Utilization -domestic; ...2.1509

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation; Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides - see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

ATOMIC AND NUCLEAR RESEARCH WITH ACCELERATORS ...Attenuation; Fission Products-see Radioact.; Ionizing Radiation -see Rad.; Nuclear Structure; Residues in Foods; ...4.0320

CYTOGENETIC EFFECTS OF FLUORIDE ...Air Pollution -see Specifics; Chemical Mutagenesis; Herbicides and Other Chem. Mutagenesis -nonspecific; Nicotiana; Pesticide Phytotoxicity; ...4.0488

ANALYTICAL METHODS FOR PESTICIDES, TIFTON ...Bayer 25141; Carbamates -nonspecific; Chlorinated Hydrocarbons; Grammeae -other; Metabolites From Pesticides; Pesticide Residues; ...4.1021

PRACTICAL HIGH SENSITIVITY THERMOLUMINESCENT DOSIMETRY ...Dosimeters -see Dosimetry; Dosimetry; Ionizing Radiation -see Rad.; Plastics; Scintillation; Twinkle; X and Gamma Rays; ...5.0831

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate; Dose Fractionation; Dosimetry; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies -general; Water Pollution Sources; ...5.0881

Food Contamination

AIR STERILIZATION ...Aerosols - Smokes, Fogs, Steam; Air Purification; General Sanitation Methods; Microorganism-see Cell. Catab.; Salmonella -nonspecific & -ot.; Sterilization; ...1.0066

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Catalysts; Combustion; Fire Research -see Forest Fire; Fuels; Mass Spectroscopy; Pyrolysis; Thin Layer Chromatography; ...1.0149

SPREADING OF LEAD IN RURAL AREAS ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Lead; Rural Areas; Toxic Substances; Water Pollutants - Path of; X-ray Spectroscopy; ...1.0703

ENTERIC VIRUS SURVIVAL IN ESTUARINE WATERS ...Estuaries; Safety - Recreation; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.0002

IMPAIRMENT OF THE FLAVOR OF FISH BY WATER POLLUTANTS ...Micropterus Salmoides; Organic Matter; Salmo Gairdneri; Sulfhydryl Compounds; ...2.0328

NATURALLY OCCURRING TASTES AND ODORS IN WATER SUPPLIES ...Actinomyces Sp; Gas Chromatography; Odor; Spectrographic Techniques; Taste & Odor of Water; Water Chemistry; ...2.0382

ECOLOGY OF CLOSTRIDIUM BOTULINUM TYPE E IN GREEN BAY ...Aquatic Distribution; Bacterial Exotoxins; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Competition Among Thallophytes; Lake Michigan; Water Pollution - see Specifics; ...2.0453

VIROLOGICAL METHODS RESEARCH IN WATERS ...Estuaries; Safety - Recreation; Viral Pollutant Sources; Water Pollution -see Specifics; ...2.0463

VIROLOGICAL METHODS RESEARCH IN WATERS ...Recreation, Water Resources; Safety - Recreation; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; Water Reuse; ...2.0467

MOLECULAR AND APPLIED ASPECTS OF MICROBIAL ENZYMOLOGY AND ECOLOGY ...Animal Wastes - Feed Lots; Bacterial Ecology; Bacterial Population Surveys; Cellular Biosynthesis; Sewage; Streptococcus Fecalis; ...2.0586

THE IMPACT OF MICROORGANISMS ON OIL ...Bacterial Ecology; Biological Effects; Degradation -see Pesticide Deg; Louisiana; Ostreidae (oyster); Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0603

WATERBORNE DISEASE ETIOLOGY ...Animal Pollutant Sources; Czechoslovakia; Florida; Protozoa; Virginia; Water Wells; ...2.0715

TOXICOLOGICAL INVESTIGATIONS OF ORGANICS FOUND IN WATER SUPPLIES ...Mammals -nonspecific; Organic Matter; Potable Water; Water Pollution -see Specifics; ...2.0717

EVALUATION OF MICROBIOLOGICAL STANDARDS FOR SHELLFISH GROWING WATERS ...Bays; Digestive System - Human; Rhode Island; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0782

STUDY OF GROWING AREA STANDARD BY EXAMINING ENTEROPATHOGENS AND INDICATOR LEVELS ...Bacterial Population Surveys; Digestive System - Human; Mollusca; Salmonella -nonspecific & -ot.; Sewage Bacteria; Water Pollutant Identification; ...2.0785

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN WATERS AND SHELLFISH ...Digestive System - Human; Massachusetts; Viral Pollutant Sources; Water Pollutant Identification; Wisconsin; ...2.0786

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN DRINKING WATER ...Muridae; New England Province; Potable Water; Viral Pollutant Sources; Water Pollution -see Specifics; Water Supply - general; ...2.0787

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Adsorption; Electrochemistry; Filtration; Pilot Plants; Precipitation; Safety - Recreation; Viruses - Animal; Water Pollution -see Specifics; ...2.0836

DESTRUCTION OF INFECTIOUS VIRAL NUCLEIC ACID BY IODINE ...Chemical Treatment (water); Iodine; Phenols; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.0930

ENRICHMENT OF METALS IN SEAWATER BY FOAM PRODUCTION ...Bubbles; Chemical Mechanisms & Kinetics; Foam; Marine Pollution; Sea Water Chemistry; Trace Elements; Water Chemistry; X-ray Spectroscopy; ...2.1043

EPIDEMIOLOGICAL STUDY OF CORRELATION OF WATER QUALITY AND DISEASE ...Potable Water; Water Pollution -see Specifics; Water Standards & Baselines; ...2.1075

ENTERIC VIRUS SURVIVAL IN AQUEOUS ENVIRONMENTS ...Estuaries; Potable Water; Recreation, Water Resources; Safety - Recreation; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.1145

IMPROVED EQUIPMENT AND OPERATING METHODS FOR POULTRY PROCESSING TO REDUCE WATER REQUIREMENTS ...Canning Wastes -see Food Proc.; Food Engineering & Technology; Industrial Wastes; Poultry Industry; Runoff (water); Water Conservation -general; ...2.1231

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...2.1331

INTERACTION BETWEEN MARINE ORGANISMS AND OIL POLLUTION ...Animal Migration; Contamination - Water; Environmental Geology; Marine Biology - General; Petroleum -see Oil; ...2.1584

MEASUREMENT AND MANAGEMENT ASPECTS OF WATER TOXICOLOGY ...Analysis and Detection; Biological Effects; Chemical Analysis (water); Plant Food Chains; Thermal Pollution; Training Grants, Fellowships; ...2.1793

FERMENTED FOOD PRODUCTS ...Botrytis; Plant Waste Removal, Treatment; Product Development Research; Vitaceae; ...3.0036

LIVESTOCK WASTE MANAGEMENT ...Carbamates -nonspecific; Furadan; Organophosphorous Cpds.; Pesticide Residues Removal; Plant; Residues in Foods; ...3.0134

CHEMICAL CONTROL OF POST-HARVESTING FRUIT AND VEGETABLE DECAYS OCCURRING IN PACKING HOUSES ...Butylamine; Diplodia; Fruit, Nut, and Berry Crops; Liquids Or Sprays; Pesticide Application Rates; Pesticide Legal Aspects; ...4.0231

ANTIMICROBIAL ACTION OF BIPHENYL AND DERIVATIVES ON CITRUS SPOILAGE ORGANISMS ...Citrus; Diphenyl; Foreign Agriculture; Fruit, Nut, and Berry Crops; Pesticide Phytotoxicity; Trichoderma; ...4.0296

FUNGICIDAL & FUNGISTATIC PROPERTIES OF ANTI-OXIDANTS AND RELATED COMPOUNDS ...Antioxidants -nonspecific; Botrytis; Dusts; Ornamentals; Pesticide Evaluation; Pesticides -other; Zea Mays - Field Corn; ...4.0310

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Alternaria; Concentrates; Ethoxyquin; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pesticide Phytotoxicity; Pyrus Malus; Temperature - Air; ...4.0339

PESTICIDES FLAVOR OF FOODS ...Ddvp; Fungicides -nonspecific; Home Economics; Insecticides -nonspecific; Residues in Foods; ...4.0401

DEVELOPMENT OF ANALYTICAL METHODOLOGY ...Chloro Phenoxy Acetic; Metabolites From Pesticides; Para-dichlorobenzene; Polychlorinated Biphenyl Cpds.; Residues in Foods; Urine; ...4.0421

REDUCTION OR ELIMINATION IN COMMERCIAL CHANNELS OF PESTICIDE RESIDUES IN FOODS ...Benlate; Liquids Or Sprays; Maneb; Pesticide Residues Removal; Residues in Foods; ...4.0424

FOOD CONTAMINATION CONTROL WITH EMPHASIS ON QUALITY AND MARKETABILITY ...Chemical Analysis; Chlorinated Hydrocarbons; Pesticide Residues Removal; Residues in Foods; Tissue Accumulation Rates; ...4.0465

EFFECT OF PROCESSING ON SYSTEMIC PESTICIDES IN COFFEE, PINEAPPLE, AND TOMATO ...Bayer Compounds; Chemical Analysis; Pesticide Action on Plants; Phosphorus and Phosphorus Cpds; Rubiaceae; ...4.0472

EFFECT OF PESTICIDES ON MORPHOLOGY AND STRUCTURE OF LACTIC ACID ORGANISMS ...Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Dipterex; Insecticides -nonspecific; Malathion; Pesticides -nonspecific; Streptococcus -nonspecific; ...4.0522

PESTICIDE DEPOSITION IN POULTRY ...Chemical Analysis; DDT; Laboratory Animals; Pesticide in Food Chains; Pesticide Residues in Feeds; Residues in Foods; ...4.0538

LIPOLYSIS OF MILK AND OTHER ANIMAL FATS AS INFLUENCED BY PESTICIDE RESIDUES ...DDT; Parathion; Pesticide Formulation; Pesticide Rates -general; Sevin; ...4.0582

DDT IN EGGS AND POULTRY MEAT ...DDT; Feces; Gallus Domesticus; Pesticide Action on Animals; Pesticide in Food Chains; Residues in Foods; ...4.0599

CARCINOGENESIS BIOASSAY OF PESTICIDES AND OTHER ENVIRONMENTAL AGENTS ...Animal Resistance; Bioassays; Chemical Carcinogenesis; Muridae; Pesticide Action on Animals; Pesticides -nonspecific; Tumor Pathology; ...4.0624

REMOVAL, IN MARKET CHANNELS, OF INSECTICIDE RESIDUES FROM MILK AND MILK PRODUCTS ...Bacillus Cereus; Chemical Analysis; Microorganism-see Cell. Catab.; Physical Models; Streptococcus Lactis; ...4.0626

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...Chlorinated Hydrocarbons; DDT; Laboratory Animals; Lindane; Methoxychlor; Muridae; ...4.0635

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Air Pollution -see Specifics; Pesticide Toxicity in Humans; Physiological Effects; Radiation, Low Level; Residues in Foods; Toxicology; Water Pollution -see Specifics; ...4.0658

SUBLIMINAL PHARMACOLOGY AND CARCINOGENESIS ...Cell Injury and Autolysis; Chemical Carcinogenesis; Cytotoxin; Environmental Carcinogenesis; Mammals -nonspecific; Toxicology; ...4.0659

ANALYSIS OF BIO-ACTIVE CHEMICALS FOR POSSIBLE HAZARDOUS PROPERTIES ...Air Pollution -see Specifics; Chemical Analysis; Insecticides -nonspecific; Pesticide Toxicity in Humans; Preventative Measures; ...4.0672

TOXICOLOGY AND METABOLISM OF UNINTENTIONAL FOOD ADDITIVES ...Caviidae; Laboratory Animals; Pesticides -other; Residues in Foods; Toxicology; ...4.0766

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ...Bos; Domestic Animals; Lindane; Pesticide Residues; Residues in Foods; ...4.0849

CHEMICAL RESIDUES IN MILK ...Bos; Domestic Animals; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.0850

INSECTICIDE RESIDUES IN POULTRY AND EGGS ...Biochemical Analysis - Tissues; Chlordan; Home Economics; Melliagris; Pesticide Residues in Feeds; Residues in Foods; ...4.0562

BRAIN LESIONS, BEHAVIOR CHANGES AND PESTICIDE RESIDUES ...Anseriformes; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0882

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Domestic Animals; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Residues; Pesticide Residues Removal; Residues in Foods; ...4.0909

THE EFFECT OF PROCESSING ON THE PESTICIDE CONTENT OF DAIRY PRODUCTS ...Chlordan; Lactobacillus Sp; Physical Models; Staphylococcus Aureus; Thiodan; ...4.0910

PESTICIDAL RESIDUES IN FOODS ...Cobalt; Home Economics; Pesticide in Food Chains; Residues in Foods; ...4.0951

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; D, 2,4-; Pesticide in Food Chains; Pesticide Persistance in Soils; Pesticide Residues; Poultry -nonspecific; Translocation; ...4.0952

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Methoxychlor; Pesticide Residues; Residues in Foods; Toxaphene; ...4.0976

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Calification -vertebrate; DDT; Dibromoethane; Malathion; Pesticide Residues; Sevin; Tissue Accumulation Rates; ...4.0989

THE CHEMISTRY AND TOXICOLOGY OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Microorganisms -nonspecific; Pesticide in Food Chains; Pesticides -nonspecific; ...4.1001

ENVIRONMENTAL DECONTAMINATION, ESPECIALLY FOR FEEDSTUFFS AND ASSOCIATED FOODS ...Chemical Analysis; DDT; Pesticide Residues in Feeds; Residues in Foods; Trichloroethylene; ...4.1002

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Ovis; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Residues in Foods, Sub - Polar Regions; ...4.1008

DDT RESIDUES IN EGGS AND BODY TISSUES OF HENS ...Chemical Analysis; Granules, Capsules; Pesticide Action on Animals; Pesticide in Food Chains; ...4.1016

INSECTICIDE RESIDUES FROM EXPERIMENTAL TREATMENTS TO PREVENT OR CONTROL INSECTS IN STORED PRODUCTS ...Bromine; Chlorine; Malathion; Pesticide Residues; Piperonyl Butoxide; ...4.1019

PSEUDOCHOLINETERASE ACTIVITY AS AFFECTED BY MODERN AGRICULTURAL CHEMICALS ...Bioassay; Carbamates -nonspecific; Chlorinated Hydrocarbons; Pesticide in Food Chains; Sevin; ...4.1023

ENVIRONMENTAL OCCURRENCE OF N-NITROSO COMPOUNDS ...Air Pollution -see Specifics; Bioassays; Biochemical Analysis - Tissues; Chemical Carcinogenesis; Mammals -nonspecific; Toxicology; ...4.1044

PHOTOLYSIS OF PESTICIDES ...Chemical Analysis; Metabolites From Pesticides; Pesticides -nonspecific; Physical Degradation; Residues in Foods; ...4.1101

ANALYSIS OF RADIONUCLIDE TRANSPORT AND DEPOSITION FOR PREDICTION OF UPTAKE AND DOSES FROM RELEASE OF RADIONUCLIDES ...Air Pollution -see Specifics; Body Isotope Burden; Dose Rate, Dose Fractionation; Radiation Injury Prevention; Radioactive Fallout-cf Fallout; Radioisotopes - nonspecific; Radiologic Health; ...5.0009

BIOLOGICAL AVAILABILITY TO DAIRY PRODUCTS OF MAN-MADE RADIONUCLIDES ...Bos; Germanium; Hydrogen; Radiation Injury Prevention; Sodium; ...5.0011

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Air - Water - Plant Relations; Cesium; Environmental Ecology; Pollution Effects -see Water; Radioactive Contamination; Radiologic Health; Soil Chemical Properties; ...5.0031

CONTROLLED ENVIRONMENTAL RELEASE TEST (CERT) PROGRAM ...Air Pollution -see Specifics; Animal Productivity; Iodine; Radiologic Health; ...5.0035

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

AEC OFF-SITE RADIOLOGICAL SAFETY PROGRAM ...Atomic Plants; Nuclear Detonations; Radioactive Fallout; Radioactivity; Thermoluminescent Detectors; ...5.0050

PHASE II PLANNING STUDY FOR EVALUATION OF RADIOACTIVE CONTAMINATION OF THE FOOD CHAIN ...Plant Tissue Analysis -chem.; Radiation Injury Prevention; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Radiologic Health; ...5.0053

PREDICTION OF TOTAL CONSUMPTION OF FALLOUT RADIONUCLIDES BY HUMANS FROM MILK (ABBREV) ...Cesium; Iodine; Mathematical Models; Nuclear Warfare; Radiologic Health; Radiologic Warfare; Strontium; ...5.0055

RADIOACTIVITY AND TRACE ELEMENTS IN HUMAN BONE AND DIET ...Cesium; Radiation Effects - Biological; Radiologic Health; Radium; Strontium; ...5.0057

LEVELS OF NATURAL RADIOACTIVITY IN MAN AND HIS ENVIRONMENT ...Lead; Radiologic Health; Radium; Uranium; ...5.0058

UPTAKE OF RADIACTIVE MATERIALS THROUGH FOOD CHAINS ...Animal Productivity; Cesium; Iodine; Strontium; Yttrium; ...5.0066

ENVIRONMENTAL EFFECTS ON THE CONTENT OF CS137 IN MILK ...Air Pollution -see Specifics; Deposition-general; Lakes; Radioactive Fallout; Reservoirs and Impoundments; Strontium, ...5.0081

IRON-55 AND LEAD IN THE HUMAN POPULATION OF THE WORLD ...Animal Productivity; Health & Geographic Factors; Lead; Radiologic Health; ...5.0084

REMOVING RADIOACTIVE FALLOUT FROM VEGETABLES AND FRUITS DURING PROCESSING ...Cesium; Fragaria; Plants; Radioactive Contamination; Solanum; Vegetables; ...5.0105

COMPARATIVE TOXICITY OF SR90 AND RA226 IN BEAGLES ...Body Isotope Burden; Canidae; Radiologic Health; Radium; Strontium; ...5.0134

METABOLISM OF HYDROGEN ISOTOPES ...Hydrogen; Mammals -nonspecific; Radiation Injury Prevention; Radiologic Health; Water Pollution -see Specifics; ...5.0141

GUIDELINES FOR MINIMIZING DAMAGE TO FOOD PROCESSING INDUSTRY IN CASE OF NUCLEAR ATTACK ...Food Processing Industries; Handbooks, ...5.0369

AEC RADIATION EFFECTS PROGRAM ...Animal Productivity; Bos; Radioactive Hazard; Radioactive Isotopes; Radioisotopes - nonspecific; Radiologic Health; ...5.0420

FALLOUT CESIUM-137 IN A NORMAL POPULATION ...Cesium; Gamma Spectroscopy; Metabolism and Biochemistry; Monitoring Devices; Potassium; Radiologic Health; Whole Body; ...5.0462

RADIATION CHEMISTRY AND RADIOBIOLOGY OF MEDIUM EFFECTS ...Aldehydes -nonspecific; Gas Chromatography; Microorganisms; Radiation; Radiation Dose Studies-general; Radiolysis; Thin Layer Chromatography; ...5.0590

EVALUATION OF MEAT FROM ANIMALS EXPOSED TO LETHAL RADIATION LEVELS ...Bos; Food Bacteria; Radiation, Lethal Dose; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0616

PB-210 STUDIES IN BEAGLES ...Body Isotope Burden; Digestive System - Human; Lead; Polar Oceanic Areas; Radiologic Health; Toxicology; ...5.0721

FATE AND EFFECTS OF RADIONUCLIDES IN ALASKA ...Alaska; Cesium; Lichenes; Radiation Effects - Biological; Radiologic Health; Strontium; ...5.0736

ANALYSIS OF RADIONUCLIDE PRODUCTION FOR PREDICTION OF UPTAKE AND DOSES FROM RELEASE OF RADIONUCLIDES ...Iodine; Radiation Injury Prevention; Radiation, Whole Body; Radiologic Health; ...5.0783

RADIATION PROTECTION AND MEASUREMENT ...Disposal Methods; Neutron -see Radiation; Particle Accelerators; Radiation Shielding; Radioactive Isotopes; Strontium; X and Gamma Rays; ...5.0803

TOOTH COLLECTION FOR RADIOACTIVE NUCLIDE STUDY ...Children; Human Developmental Biology; Radiation Effects - Biological; Radiologic Health; Strontium; ...5.0860

MECHANISMS OF ENVIRONMENTAL EXPOSURE ...Atomic Plants; Columbia River; Environmental Effects - Human; Radiologic Health; Washington; Zinc; ...5.0958

Food Engineering & Technology

IMPROVED EQUIPMENT AND OPERATING METHODS FOR POULTRY PROCESSING TO REDUCE WATER REQUIREMENTS ...Canning Wastes -see Food Proc.; Food Contamination; Industrial Wastes; Poultry Industry; Runoff (water); Water Conservation -general; ...2.1231

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

IMPROVED PROCESSING OF HAWAIIAN FRUITS ...Carotenoid Pigments; Plant Waste Removal, Treatment; Product Development Research; Tropical Regions; ...3.0117

IMPROVED METHODS, EQUIPMENT AND FACILITIES FOR INEDIBLE ANIMAL BY-PRODUCTS RENDERING PLANTS ...Farm Animal Wastes; General Sanitation Methods; Product Development Research; Salmonella -nonspecific & -ot.; Tennessee; Texas; ...3.0276

RESEARCH STUDIES RELATED TO DEVELOPMENT OF A CRAWFISH PROCESSING INDUSTRY IN LOUISIANA ...Commercial Fishing; Crayfish; Enterprise Studies; Farm Animal Wastes; Mammals -nonspecific; Marketing; Supply; ...3.0374

MARKET QUALITY OF TABLE GRAPES AS INFLUENCED BY CHEMICALS APPLIED FOR WEED, PEST AND DISEASE CONTROL ...Dbtce; Moisture; Packaging Materials; Pesticide Organoleptic Prop.; Pesticides -other; Plastics; ...4.0226

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Domestic Animals; Food Contamination; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Residues; Pesticide Residues Removal; Residues in Foods; ...4.0909

PESTICIDAL RESIDUES IN FOODS ...Cobalt; Food Contamination; Home Economics; Pesticide in Food Chains; Residues in Foods; ...4.0951

Air Purification

AIR STERILIZATION ...Aerosols - Smokes, Fogs, Steam; Food Contamination; General Sanitation Methods; Microorganism-see Cell. Catab.; Salmonella -nonspecific & -ot.; Sterilization; ...1.0066

Food Processing Industries

SELECTED AIR POLLUTANTS AFFECTING PLANTS AND HEALTH ...Air Pollution -see Specifics; Arachis; Livestock -nonspecific; Mammals -nonspecific; Respiratory Irritants, Inhaled; ...1.0423

THE INFLUENCE OF DECOMPOSING SALMON ON WATER CHEMISTRY ...Alaska; Chemical Water Properties; Nitrogen and Nitrogen Cpds.; Nutrients; Physiological Effects; Water Pollutants - Path of; ...2.0010

SHALLOW GROUND-WATER FLOW SYSTEMS IN RELATION TO INDUSTRIAL AND MUNICIPAL WATER SUPPLY AND WASTE DISPOSAL REQUIREMENTS ...Canning Wastes -see Food Proc.; Farm Animal Wastes; Groundwater Movement; Pond; Pulp and Paper Wastes; Soil Tillage; Urban Research -general; ...2.1138

REDUCING POLLUTION FROM POTATO AND ROOT VEGETABLE PEELING ...Canning Wastes -see Food Proc.; Lye; Plant Waste Removal, Treatment; Water Quality Control -general; ...2.1162

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Lye; Organic Waste -see Waste Treat; Oxidation; Plant Waste emoval, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

DRY CAUSTIC PEELING OF TREE FRUIT TO REDUCE LIQUID WASTE VOLUME AND STRENGTH ...Chemical Oxygen Demand; Industrial Wastes; Lye; ...2.1166

CONCENTRATION OF SUGAR BEET WASTES FOR ECONOMIC TREATMENT WITH BIOLOGICAL SYSTEMS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Effluent-standards; Precipitation; Waste Treatment Economics; ...2.1199

COMBINED COOLING AND BIO-TREATMENT OF BEET-SUGAR FACTORY CONDENSER WATER EFFLUENT ...Chemical Treatment (water); Condensers; Industrial Wastes; Organic Matter; Sugar Refining Wastes; Thermal Pollution; Waste Water Degradation; ...2.1201

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Chemical Oxygen Demand; Farm Animal Wastes; Plant Waste Removal, Treatment; Solid Waste; Water Costs; Water Resources Development; ...2.1213

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Delaware; Irrigation; Plant Waste Removal, Treatment; Rain; Vegetables; Water Costs; ...2.1214

INTEGRATED TREATMENT OF LIQUID WASTES FROM FOOD CANNING OPERATIONS ...Biochemical Oxygen Demand; Canning Wastes -see Food Proc.; Flocculation; Flotation; Organics; Trickling Filters; ...2.1218

IMPROVED EQUIPMENT AND OPERATING METHODS FOR POULTRY PROCESSING TO REDUCE WATER REQUIREMENTS ...Canning Wastes -see Food Proc.; Food Contamination; Food Engineering & Technology; Industrial Wastes; Poultry Industry; Runoff (water), Water Conservation -general; ...2.1231

ARMOUR INDUSTRIAL CHEMICAL SECONDARY WASTE-WATER TREATMENT . Aerobic Waste Water Treatment; Chemical Industry; Chemical Oxygen Demand; Local Government; Pilot Plants; Water Pollution -see Specifics; ...2.1243

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Canning Wastes -see Food Proc.; Industrial Wastes; Photometry; Plant Waste Removal, Treatment; Taste & Odor of Water; Waste Treatment Economics; Water Quality Control -general; ...2.1249

BIOMASS PRODUCTION FOR THE IMPROVEMENT OF THE QUALITY OF FOOD PROCESSING PLANT EFFLUENTS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Industrial Wastes; Nitrogen and Nitrogen Cpds.; Waste Water Treatment -general; ...2.1260

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Gallus Domesticus; Infiltration; Nitrogen and Nitrogen Cpds.; Percolation (water); Phosphorus and Phosphorus Cpds; Soil Moisture; Sprinkler Irrigation; Water Quality -general; ...2.1287

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Gases; Organics; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

PILOT PLANT INSTALLATION FOR USE OF FUNGI IMPERFECTI ON VEGETABLE WASTES ...Aeration (water); Minnesota; Pilot Plants; Waste Water Treatment -general; ...2.1309

WINERY WASTEWATER - CHARACTERIZATION AND TREATMENT ...Acidity (water); Activated Sludge; Anaerobic Bacteria; Contamination - Water; Sewer Systems; Waste Treatment; ...2.1348

CHARACTERIZATION OF FOOD PROCESSING WASTE-WATERS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Wastes; Industrial Wastes; Northwest U. S.; Plant Waste Removal, Treatment; ...2.1388

PROCESSING PLANT EFFLUENTS FOR IRRIGATION IN COASTAL PLAINS OF NORTHEAST ...Biological Effects; Effluents - Waste Water; Food Processing Wastes; Industrial Wastes; Irrigation; Lye; Plant Waste Removal, Treatment; Soil Chemical Properties; Water Reuse; ...2.1443

POLLUTION PREVENTION BY AERATION OF FRUIT PROCESSING WASTES ...Activated; Aerobic Bacteria; Biochemical Oxygen Demand; Lagoon; Plant Waste Removal, Treatment; Waste Drying; ...2.1449

IRRIGATION OF CITRUS WITH WASTE WATER ...Absorption (incl. Adsorption); Citrus; Industrial Wastes; Irrigation; Sewage; Water Application Methods; ...2.1526

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Tillage, Cropping Systems, Waste Water Treatment - general; Water Pollution Effects; ...2.1665

EFFECTS OF SUGAR REFINING LOGOON EFFLUENTS ON FARGO CLAY ...Biochemical Oxygen Demand; Chemical Effects; Effluents - Waste Water; Infiltration; Sewage Lagoons, Tillage, Cropping Systems; ...2.1666

COST-REDUCING TECHNIQUES OF WASTE DISPOSAL AND OPTIMUM USE OF WATER RESOURCES ...Canning Wastes - see Food Proc.; Industrial Wastes; Optimization, Economic; Waste Treatment; Waste Water Treatment -general; Water Quality Control -general; ...2.1890

FOOD PROCESSING WASTES ...Disposal; Food Processing Wastes; Plant Waste Removal, Treatment; Recoverable Materials; Waste Material Recovery; Waste Water Treatment -general; ...3.0035

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Agricultural Runoff; Farm Animal Wastes; Irrigation; Taste & Odor of Water; Waste Treatment Economics; Water Pollution Sources; ...3.0060

BIOPOLYMERS AND POLYMER-PRODUCING MICROORGANISMS IN ACTIVATED SLUDGE ...Activated Sludge; Food Processing Wastes; Microorganisms -nonspecific; Sewage - Domestic; Soil Bacteria; Waste Treatment Economics; Water Pollution Sources; ...3.0127

SANITARY MILK PRODUCTION ...Bos; Farm Animal Wastes; General Sanitation Methods; ...3.0238

MICROBIOLOGICAL TREATMENT OF POTATO WASTES ...Bench Scale; Degradation -see Pesticide Deg; Food Processing Wastes; Plant Waste Removal, Treatment; Waste Water Treatment -general; ...3.0286

CHEMICAL AND ENGINEERING ASPECTS OF POTATO PROCESSING WASTES TREATMENT ...Electrochemistry; Flotation; Food Processing Wastes; Sewer Systems; Waste Material Recovery; ...3.0287

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues; Costs -see Economics Entries; Drying; Freeze Drying; Pilot Plants; Precipitation; Waste Drying; Waste Treatment Economics; ...3.0305

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water; Infiltration; Organic Water Properties; Pilot Plants; Safety -see Farm Safety; South Carolina; Waste Management -see Specific Water Purification; ...3.0310

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Costs -see Economics Entries; Industrial Wastes; Plant Waste Removal, Treatment; South Carolina; Waste Disposal on Soils; Waste Water Treatment -general; ...3.0311

UTILIZATION OF FOOD PROCESSING PLANT EFFLUENTS AND THEIR EFFECTS ON SOILS AND CROPS ...Chemical Analysis (water); Mineral Nutrition; Plant Response to Env. -ns; Plant Waste Removal, Treatment; Soil Chemical Properties; ...3.0335

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

GUIDELINES FOR MINIMIZING DAMAGE TO FOOD PROCESSING INDUSTRY IN CASE OF NUCLEAR ATTACK ...Food Contamination; Handbooks; ...5.0369

Food Processing Wastes

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

REDUCTION OF SALT CONTENT OF FOOD PROCESSING LIQUID WASTE EFFLUENT ...Brackish Water; Ion Exchange; Waste Material Recovery; Waste Treatment Economics; ...2.1165

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Delaware; Food Processing Industries; Irrigation; Plant Waste Removal, Treatment; Rain; Vegetables; Water Costs; ...2.1214

ARMOUR INDUSTRIAL CHEMICAL SECONDARY WASTE-WATER TREATMENT ...Aerobic Waste Water Treatment; Chemical Industry; Chemical Oxygen Demand; Food Processing Industries; Local Government; Pilot Plants; Water Pollution -see Specifics; ...2.1243

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Canning Wastes -see Food Proc.; Food Processing Industries; Industrial Wastes, Photometry, Plant Waste Removal, Treatment; Taste & Odor of

Water; Waste Treatment Economics -Water Quality Control - general; ...2.1249

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Food Processing Industries; Gallus Domesticus; Infiltration; Nitrogen and Nitrogen Cpds.; Percolation (water); Phosphorus and Phosphorus Cpds; Soil Moisture; Sprinkler Irrigation; Water Quality -general; ...2.1287

CHARACTERIZATION OF FOOD PROCESSING WASTEWATERS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Industrial Wastes; Northwest U. S.; Plant Waste Removal, Treatment; ...2.1388

PROCESSING PLANT EFFLUENTS FOR IRRIGATION IN COASTAL PLAINS OF NORTHEAST ...Biological Effects; Effluents - Waste Water; Industrial Wastes; Irrigation; Lye; Plant Waste Removal, Treatment; Soil Chemical Properties; Water Reuse; ...2.1443

COST-REDUCING TECHNIQUES OF WASTE DISPOSAL AND OPTIMUM USE OF WATER RESOURCES ...Canning Wastes - see Food Proc.; Food Processing Industries; Industrial Wastes; Optimization, Economic; Waste Treatment; Waste Water Treatment -general; Water Quality Control -general; ...2.1890

REDUCING WASTES FROM COMMERCIAL FRUIT PEELING OPERATIONS ...Plant Waste Removal, Treatment; ...3.0014

FOOD PROCESSING WASTES ...Disposal; Plant Waste Removal, Treatment; Recoverable Materials; Waste Material Recovery; Waste Water Treatment -general; ...3.0035

BIOPOLYMERS AND POLYMER-PRODUCING MICROORGANISMS IN ACTIVATED SLUDGE ...Activated Sludge; Microorganisms -nonspecific; Sewage - Domestic; Soil Bacteria; Waste Treatment Economics; Water Pollution Sources; ...3.0127

INVESTIGATION OF NEW WASTE DISPOSAL/SANITATION TECHNIQUES FOR GARRISON FOOD SERVICE ...Home Economics; Plant Waste Removal, Treatment; Product Development Research; Waste Disposal-see Solid Waste; ...3.0175

ACID EMULSION BREAKING - ACTIVATED SLUDGE FOR BAKERY WASTE ...Activated Sludge; Disposal; Groundwater; New York; Waste Water Treatment -general; ...3.0230

MICROBIOLOGICAL TREATMENT OF POTATO WASTES ...Bench Scale; Degradation -see Pesticide Deg; Plant Waste Removal, Treatment; Waste Water Treatment -general; ...3.0286

CHEMICAL AND ENGINEERING ASPECTS OF POTATO PROCESSING WASTES TREATMENT ...Electrochemistry; Flotation; Food Processing Industries; Sewer Systems; Waste Material Recovery; ...3.0287

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues; Costs -see Economics Entries; Drying; Food Processing Industries; Freeze Drying; Pilot Plants; Precipitation; Waste Drying; Waste Treatment Economics; ...3.0305

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Costs -see Economics Entries; Food Processing Industries; Industrial Wastes; Plant Waste Removal, Treatment; South Carolina; Waste Disposal on Soils; Waste Water Treatment -general; ...3.0311

Forecasting - Prediction

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution; Circulation - Patterns; Mesometeorology; Prediction; Statistics; Urban Environment; Weather Modification; ...1.0022

PARTICULATE POLLUTANT SYSTEM STUDY - MODIFICATION AND EXTENSION ...Air Pollution Analysis; Air Pollution-chemistry; Atmospheric Dynamics; Combustion; Gases; Particulates - Air Pollution; ...1.0069

TRAVELS OF AIRBORNE POLLEN ...Air Pollution; Air Pollution -see Specifics; Atmospheric Dynamics; Engineering Sources-other; Mathematical Models; Pollen -see Pollen; Range Or Territorial Distr.; Urban Environment; ...1.0079

ODOR ISOPLETHS AND TRANSPORT MODELS ...Air Pollution; Model Studies; Noise -see Noise; ...1.0094

AIR POLLUTION POTENTIAL FROM AN URBAN FREEWAY ...Air Pollution; Air Pollution Monitoring; Freeways; Model Studies; Urban Research -general; ...1.0128

FALLOUT PHENOMENOLOGY ...Atmospheric Dynamics; Fallout -see Radioactive; Heat Balance - Budget; Mesometeorology; Nuclear Detonations; Radioactive Fallout; Tracers; Wind; ...1.0158

ATMOSPHERIC TURBIDITY AND DIFFUSION ...Air Pollution; Boundary Layer Studies; Diffusion; Heat Exchange; Mathematical Models; Temperature; Wind; ...1.0328

COMMUNICATIONS ...Air Pollution; Communication Systems-other; ...1.0509

A NUMERICAL MODEL OF THE SEA-BREEZE CIRCULATION ...Atmospheric Dynamics; Circulation - Patterns; Mathematical Models; Temperature; Urban Research -general; Wind; ...1.0696

APP-AIR QUALITY COMPARISON ...Air Pollution Analysis; Atmospheric Dynamics; Model Studies; ...1.0761

DOMESTIC WASTE DISCHARGE INTO A SILT LADEN ESTUARY ...Alaska; Chemical Water Properties; Data Reduction and Analysis; Silting (water) -see Sediment; Sub - Polar Regions; Water Pollution Sources; ...2.0012

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Land Use; Mathematical Models; Physiography -general; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

ALGAE DEGRADATION IN WATERWAYS ...Algae -nonspecific; Algal Pollutant Sources; Contamination - Water; Environmental Influences; Light; ...2.0043

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Baseflow; Model Studies; Reservoirs and Impoundments; Rural Areas; Soil Chemical Properties; Waste Disposal on Soils; Water Table; ...2.0046

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Carbonates; Chemical Effects; Groundwater Movement; Mass Transfer; Nuclear; Petrology; Seismology; Water Pollutants - Path of; ...2.0062

LARGE IMPOUNDMENTS - TEMPERATURE PREDICTION IN IMPOUNDMENTS ...Arid and Desert Regions, Data Acquisition; Model Studies; ...2.0063

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Channel Roughness; Currents (water); Estuaries; Fluid Mechanics; Rate of Deposition; Sedimentation; Solid Waste; Turbidity (water); ...2.0101

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Algae -nonspecific; Benthic Organisms -nonspecific; Bottom Sampling; Chemical Water Properties; Microorganisms -nonspecific; Plant Freshwater Ecology; Spectrographic Techniques; Waste Water Treatment -general; Water Quality Control -general; ...2.0114

DISPERSION AND HEAT DECAY OF THERMAL DISCHARGES ...Electric Power Plants; Energy Conversion; Illinois; Illinois River; Model Studies; Temperature; Thermal Pollution; ...2.0129

MODELING AND OPTIMIZATION OF THERMAL POLLUTION CONTROL SYSTEMS ...Computer Models; Electric Power Plants; Mathematical Models; Thermal Pollution; ...2.0157

EUTROPHICATION STUDIES IN BOSTON HARBOR ...Algae - Chlorophyta; Eutrophication; Harbors; Massachusetts; Water Pollutant Identification; ...2.0179

NAVY ENVIRONMENT - TRACE ELEMENT DISTRIBUTION IN THE OCEANS & SEA FLOOR SEDIMENTS, THE CONTROLLING BIOCHEMICAL AND PHYSICAL PROCESSES ...Marine Biology - General; Marine Geology; Marine Pollution; Monitoring; Sea Water Chemistry; Sea Water Properties; Trace Elements; ...2.0186

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Location; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

SILTATION RATES AND LIFE EXPECTANCIES OF SMALL HEADWATER RESERVOIRS IN MONTANA ...Chemical Water Properties; Geology -general; Morphology; Radioactive Fallout; Reservoirs and Impoundments; ...2.0235

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Erosion; Leaching; Model Studies; Nitrogen and Nitrogen Cpds.; Rain; Soil Moisture; Temperature - Air; ...2.0250

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography; Land Use; New Jersey; River Basins; Urban Environment; Urban Research; Water Pollution Sources; Water Utilization -domestic; ...2.0251

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Estuaries; Fish; Iron; Marine Animals; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

FATE OF POLLUTANTS IN ESTUARIES AND MARINE BAYS ...Bays; Coastlines - Shorelines; Estuaries; Turbidity (water); Water Pollutants - Path of; Water Pollution Effects; ...2.0285

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

POWER PRODUCTION ...Atomic Plants; Chemical Effects; Density; Effluents - Waste Water; Energy Conversion; Mathematical Models; Reservoirs and Impoundments; Thermal Pollution; ...2.0337

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL ...Computer Methods -general; Contamination; Development of Models; Land Use; Mathematical Models; Model Studies; Waste Disposal on Soils; Water Quality Control -general; ...2.0343

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Chlorine; Lakes; Mineralogical Water Properties; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; Water Pollution Sources; ...2.0359

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Agricultural Runoff; Farm Pond; Great Plains Province; Precipitation; Precipitation Gages; Sediment Yield; Soil Texture; Survey Studies (water); ...2.0366

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity - general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Agricultural Runoff; Climates -general; Conservation -see Soil Conser.; Land Use; Sediment Yield; Small Watersheds; Soil Cover Crops; Thunderstorms; ...2.0387

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control; Flood Routing; Land Use; Mathematical Models; Rain Amount; Sediment Yield; Texas; ...2.0388

EUTROPHICATION OF NATURAL WATERS ...Biological Water Properties; Eutrophic Lakes; Physical Water Properties; Water Quality Control -general; ...2.0451

NUTRIENT ENRICHMENT OF RUN-OFF WATERS BY SOILS. ENRICHMENT POTENTIAL OF URBAN SOILS IN THE CITY OF MADISON ...Nutrients; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Urban Environment; Wisconsin; ...2.0454

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Sampling; Types of Resources; Urban Research - general; Water Pollution Sources; ...2.0479

OCEAN CIRCULATION ...Air Pollution; Atlantic Ocean; Marine Environments; Mathematical Models; Model Studies; Ocean Currents; Ocean Turbulence; Temperature; ...2.0508

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Gulf of Mexico; Marine Environments; Marine Pollution; Ocean Currents; Ocean Hydrodynamics; Sea Water Chemistry; Ships and Cruises; Temperature; Water Movement -general; ...2.0509

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Computer Models; Drainage; Fertilizers; Impaired Water Use; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Moisture; Soil Water Plant Relationships; ...2.0513

A MULTI-PHASIC COMPONENT STUDY TO PREDICT STORM WATER POLLUTION FROM URBAN AREAS ...Benefit-cost Analysis; Rainfall - Runoff Relationship; Storm Water; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0531

PREDICTION MODELS FOR WATER QUALITY PARAMETERS ...Operations Research; River Basins; Systems Analysis - Water Mgmt; Water Standards & Baselines; ...2.0556

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp. - non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

WATER QUALITY MODELING AND PREDICTION ...Dynamic Control System; Economic Theory; Filters-filtration; Model Studies; Prediction Models; Water Pollutants - Path of; ...2.0594

DIGITAL COMPUTER MODELING OF LIMESTONE GROUNDWATER SYSTEMS ...Aquifers; Computer Models; Groundwater Basins; Limestone-general; Mathematical Models; Water Pollutants - Path of; Water Wells; ...2.0601

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition; Carbon; Destratification; Lakes; Mathematical Models; Primary Productivity - Plants; Rate Meters; ...2.0612

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Economic Theory; Hydrographs; Mathematical Analysis; Prediction; Rural Areas; Storm Sewer Quantity; Urban Research -general; ...2.0619

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Drainage Systems; Flood Control Planning; Floods; Michigan; Rain; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0626

PHYTOPLANKTONIC NITROGEN AS AN INDEX OF CULTURAL EUTROPHICATION ...Algal Physiology, Eutrophic Lakes; Eutrophication; Model Studies; Nitrogen and Nitrogen Cpds.; Phytoplankton; Water Pollutant Identification; ...2.0637

A PROPOSAL TO DEVELOP A PLAN FOR THE CONSTRUCTION AND TESTING OF WATER POLLUTION FORECASTING MODELS ...Mathematical Models; Water Costs; Water Quality Control -general; Water Supply -general; ...2.0660

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

INVESTIGATION OF THE THERMAL PATTERNS IN THE VICINITY OF THE CRYSTAL RIVER ...Aerial Photography -see Photo.; Atomic Plants; Energy Conversion; Infrared Radiation; Thermal Pollution; ...2.0685

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Habitat Studies; Boat Discharges; Mathematical Models; New York; Swamps - Marshes; Water Bacteria; Waterfowl -nonspecific; ...2.0693

AUTOMATED FORECAST PROCEDURES FOR RIVER QUALITY MANAGEMENT ...Automatic Data Aquisition; Mathematical Models; Ohio River; Storm Water; Water Quality -general; ...2.0714

AN IMPROVED TEMPERATURE PREDICTION MODEL FOR SMALL STREAMS ...Model Studies; Models of Biological Systems; Oregon; Pulp and Paper Wastes; Temperature (water); Water Standards & Baselines; ...2.0740

EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Forest Debris; Lumbering -general; Roads & Highways -see Highways; Sediments; Solar Radiation -sunshine; ...2.0746

PREDICTION OF WATER QUALITY CHANGE IN A STREAM DUE TO HIGHWAY CONSTRUCTION ON THE DRAINAGE BASIN ...Construction Sites; Highway Sites -see Roads; Precipitation; Soil Moisture; Water Quality -general; ...2.0754

BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL ...Aerobic Bacteria; Bacterial Pollutant Sources; Delaware Bay; Recreation, Water Resources; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0756

BAY WATCH ...Air Pollution Monitoring; Bays; Marine Pollution; Physical Models; Water Quality Control -general; ...2.0772

INTERRELATIONSHIP OF METEOROLOGICAL FACTORS AND THERMAL PLUMES ...Correlation; Meteorological Studies; Random Variables; Sensitivity Problems; Thermal Pollution; ...2.0804

SIMULATION OF WATER QUALITY IN STREAMS AND CANALS ...Biochemical Oxygen Demand; Flood Routing; Mineralogical Water Properties; River Basins; Texas; ...2.0808

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Computer Models; Cybernetics; Development of Models; Land Use; River Basins; Urban Environment; Urban Research -general; Watersheds; ...2.0822

CORRELATED STUDIES OF VANCOUVER LAKE--WATER QUALITY PREDICTION STUDY ...Columbia River; Dredging;

Lakes; Model Studies; Organic Matter; Sediments; Water Quality Control mgmt. ...2.0840

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Columbia River; Electric Power Plants; Fishing; Heat Flow (water); Nitrogen and Nitrogen Cpds.; Recreation, Water Resources, Types of Resources, Water Storage; ...2.0841

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils, Chemical Degradation, Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes; Mechanism Determination; Pesticides -see Pesticide; Wisconsin; ...2.0858

ADSORPTION OF ORGANIC COMPOUNDS ONTO SOLIDS FROM AQUEOUS SOLUTIONS ...Adsorption; Chemical Mechanisms & Kinetics, Constants; Fluid Mechanics; Model Studies; Organic Matter; Organics; ...2.0949

MIXING PROCESSES IN ESTUARIES ...Dispersion (water), Estuaries; Flume Studies; Heat Transmission; Physical Models; Stratification (water); Water Pollutants - Path of; ...2.0964

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties, Chemical Oxygen Demand, Contamination - Water; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

DISSIPATION AND DIFFUSION OF HEAT IN STREAMS AND LAKES ...Energy Conversion; Fluid Mechanics; Heat Flow (water); Lakes; Thermal Pollution; ...2.0993

ESTUARINE HYDROGRAPHY AND ITS ROLE IN TRANSPORT OF NATURALLY PRODUCED FOODS AND POLLUTANTS ...Effluents - Waste Water; Nutrients; Water Movement -general; Water Quality -general; ...2.1200

RESEARCH INITIATION - MIXING AND TRANSFER PROCESSES FOR HEATED EFFLUENTS IN OPEN CHANNEL FLOW ...Channels; Energy Conversion; Flow Characteristics (water); Flume Studies; Heat Flow (water); Physical Models; Thermal Pollution; ...2.1019

NATURAL MIXING AND TRANSFER PROCESSES FOR THERMAL LOADS IN STREAMS ...Channels, Energy Conversion, Flume Studies; Thermal Pollution; ...2.1020

THE DIFFUSION COEFFICIENT IN OPEN CHANNEL FLOW ...Channel Geometry; Dispersion (water); Fluid Mechanics; Flume Studies Mathematical Models; Sedimentation, Streams; ...2.1028

NAVY ENVIRONMENT-TURBULENT DIFFUSION AND EXCHANGE PROCESSES IN ESTUARINE COASTAL AND OCEAN WATERS ...Estuaries; Marine Environments; Ocean Turbulence; Radioactivity, Radiotracers -see Tracers; ...2.1034

WATER QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Data Reduction and Analysis; Groundwater; Land Use; Mans Pollutional Activities; Sewage; Waste Disposal-see Solid Waste; Water Quality -general; ...2.1054

RESEARCH ON PHYSICAL ASPECTS OF THERMAL POLLUTION ...Energy Conversion; Fluid Mechanics; Lakes; Mathematical Models; Stratification (water); Thermal Pollution; Thermocline; ...2.1063

ESTUARINE DIFFUSION OF POLLUTANTS ...Bays; Fluid Mechanics; Fresh Water; Oregon; Stratification (water); ...2.1085

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

TEMPERATURE DISTRIBUTION IN THE VICINITY OF WASTE HEAT DISCHARGES ...Electric Power Plants; Energy Conversion; High Temp - 85f Or Above; Mathematical Models; Stratification (water); Thermal Pollution; ...2.1096

TRANSIENT FLOW MODEL FOR BETTER WATER QUALITY CONTROL, KENTUCKY RESERVOIR ...Canals; Electric Power Plants; Energy Conversion; Mathematical Models; Reservoirs and Impoundments; Water Quality Control -general; ...2.1097

TURBULENT MIXING IN SUBMERGED TWO-DIMENSIONAL WALL JETS ...Energy Conversion; Fluid Mechanics; Mineralization; Thermal Pollution; ...2.1098

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency; Flow Characteristics (water); Industrial Wastes; Model Studies; North Carolina; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Protection; ...2.1104

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Fruit, Nut, and Berry Crops; Soil Depth; Soil Types -also See Specifics; Water Table; ...2.1227

EFFECTS OF ECONOMIC DEVELOPMENT UPON WATER RESOURCES ...Data Acquisition; Data Reduction and Analysis; Economic Impact; Industrial Wastes; Management (water); Model Studies; Water Pollution Abatement; ...2.1289

ADSORPTION OF VIRUS-SIZED PARTICLES IN POROUS MEDIA ...Artificial Recharge; Groundwater Recharge-see Rechg; Viral Pollutant Sources; Water Pollution -see Specifics; Water Supply Augmentation; ...2.1387

DEVELOPMENT OF CRITERIA FOR REGIONALIZATION OF WATER WASTES MANAGEMENT SYSTEMS ...Administrative Organizations; Management (water); Social Aspects; Waste Disposal-see Solid Waste; Water Costs; Water Standards & Baselines; ...2.1403

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning, Land Use, Management (water); Mass Wasting, Geological; Radioisotopes, Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

COLUMBIA RIVER THERMAL EFFECTS STUDY ...Aquatic Ecology - Animal; Columbia River; Environment Resistance-animals; Fish; Model Studies; Temperature (water); Thermal Pollution; ...2.1523

LAKE MICHIGAN THERMAL STUDIES ...Atomic Plants; Dispersion (water); Physical Models; Water Temperature Recorders; ...2.1547

THERMAL GRADIENTS ASSOCIATED WITH DISCHARGE OF HEATED EFFLUENTS ...Electric Power Plants; Energy Conversion; Thermal Pollution; ...2.1613

DETERMINATION OF AQUATIC ECOSYSTEM RESPONSE TRENDS RESULTING FROM MAN-IMPOSED ENVIRONMENTAL STRESSES ...Construction Industry; Construction Land Use Effects; Ecological Effects; Mans Pollutional Activities; ...2.1614

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific; Algal Physiology; Ecological Effects; Effluents - Waste Water; Management; Nutrients; Sewage Treatment Plant; Water Pollutant Identification; ...2.1646

A COMPARATIVE STUDY OF THE RESPONSES OF THE AQUATIC WEEDS, ZANNICHELLIA PALUSTRIS & RUPPIA MARITIMA, TO DIFFERENT TEMPERATURES AND SALINITIES ...Amphibious Plants; Marine Plants; Potamogetonaceae; Temperature (water); Water Pollution Effects; ...2.1659

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology, Contamination - Water; Estuaries; Fish; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources; Chemical Water Properties; Mathematical Models; Planning; Rain; Runoff (water); Soil Types -also See Specifics; Water Quality Control -general; ...2.1711

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Biological Water Properties; Destratification; Flow Characteristics (water); Model Studies; Physical Water Properties; Reservoirs and Impoundments, Tennessee; Water Quality Control -general; Water Supply -general; ...2.1713

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology, Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

BACTERIAL ADSORPTION ON SOILS ...Adsorption; Bacterial Pollutant Sources; Recharge (water); Soil Moisture; Water Pollutants - Path of; Water Wells; ...2.1737

SIMULATION MODELING OF THERMAL EFFECTS ON SELECTED RIVER SYSTEMS ...Atomic Plants; Development of Models; Energy Conversion; Illinois River; Model Studies; River Basins; Water Pollution Effects; ...2.1754

SIMULATION MODELING OF ENVIRONMENTAL EFFECTS OF THERMAL GENERATION ...Atomic Plants; Columbia River; Electric Power Plants; Environment; Great Lakes -see Specific Lake; Model Studies; Simulation Theory; ...2.1759

REGIONAL MODELING OF SURFACE WATER TEMPERATURES FROM PROJECTED POWER GROWTH ...Atomic Plants; Computer Models; Mississippi River; River Basins; Thermal Pollution; ...2.1760

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life Histo-

ry Studies; Chemical industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Estuaries; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties - general; ...2.1763

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Model Studies; Nutrients; Physical Water Properties; Primary Productivity - Plants, Statistics; Washington; Water Purification; ...2.1768

MICRO-ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER ...Acid Mine Drainage; Acidity (water); Induced Temperature; Lower Plants; Phytoplankton; Primary Productivity - Plants; Thermal Pollution; ...2.1772

MARKETS TO 1980 FOR WASTE WATER TREATMENT AND RENOVATION FACILITIES ...Chemical Treatment (water); Economic Impact; Marketing; Waste Water Treatment -general; ...2.1795

FORMULATION OF A GENERAL MATHEMATICAL MODEL FOR THE PREDICTION OF THERMAL ENERGY CHANGES IN IMPOUNDMENTS ...Climatology; Development of Models; Hydraulics; Reservoirs and Impoundments; Water - Alternative Uses; ...2.1798

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTh MISSISSIPPI ...Benefit-cost Analysis; Economic Impact; Erosion; Land Use; Mississippi; Sediments; Water Resources Planning; Watersheds; ...2.1861

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Mathematical Analysis; Mollusca, Plankton Sampling; River Basins; Spawn Or Nesting Sites, Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Consumption; Economic Projections- Forecast; Statistics; Water Costs; Water Resources Planning; Water Transfer; ...2.1874

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Population Dynamics - general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

A MATHEMATICAL MODEL FOR THE FINAL CLARIFIER OF AN ACTIVATED SLUDGE PROCESS ...Activated; Economic Theory; Effluents - Waste Water; Model Studies; Thickening; ...3.0354

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

METEOROLOGY FOR NUCLEAR TESTING ...Aleutian Islands; Computer Models; Mississippi; Nevada; Radioactive Fallout; Solar Radiation -sunshine; Weather Forecasting; ...5.0003

RADIOACTIVE FALLOUT FORMATION ...Chemical Mechanisms & Kinetics; Condensation; Condensation Physics; Fallout -see Radioactive; Radioactive Fallout; Rate of Reaction; ...5.0047

Foreign Agriculture

ENVIRONMENTAL ASSESSMENT OF AIR-BORNE COTTON AND FLAX DUSTS ...Air Pollution -see Specifics; Factory Workers; Gossypium; Linaceae; Occupational Hazards; Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0302

INVESTIGATION INTO THE POSSIBLE AGRICULTURAL USE OF RECONDITIONED WATER FROM THE PROPOSED SOUTH-EASTERN PURIFICATION PLANT ...Australia; Recycle Water; Waste Treatment; Water Reuse; Water Utilization - plant; ...2.0873

REMOVAL OF SUSPENDED MATTER AND TURBIDITY FROM WATER BY FLOCCULATION ...Colloidal Phenomena; Electrochemistry; Floods; Israel; Salinity (water); Suspension; Water Chemistry; ...2.1022

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacterial Pollutant Sources; Coliforms -nonspecific; Filtration, Hydrolysis, Esterification; Pilot Plants; Recharge (water); Sediments; Turbidity (water); ...2.1023

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Sewage; Water Pollution Abatement; Water Quality -general; ...2.1196

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Chemical Water Properties; Ecological Effects; Environmental Influences; India; Lower Plants; Organic Water Properties; Physiological Effects; ...2.1549

USE OF ALGAE, ALGAE-PROTOZOA, AND ALGAE-BACTERIA CULTURES IN SEWAGE TREATMENT ...Algae - Chlorophyta; Algae - Cyanophyta; Cellular Physiology- Env. Eff.; Oxygen Content (water); Product Development Research; Sewage - Domestic; Waste Water Treatment -general; ...3.0136

USE OF SEWAGE TO PRODUCE ALGAE FOR LIVESTOCK FEED ...Algae - Chlorophyta; Algae - Cyanophyta; Algal Physiology; Fungi -nonspecific; Plant Waste Removal, Treatment; Sewage Bacteria, ...3.0369

EVALUATION OF DEHULLED SOYBEAN GRITS FROM UNITED STATES VARIETIES FOR MAKING MISO ...Fungi - nonspecific; Glycine; Japan; Plant Waste Removal, Treatment; ...3.0372

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

REPLACEMENT OF CULTIVATION WITH CHEMICALS ...Algae -nonspecific; Bacteria -nonspecific; Chenopodiaceae; Herbicides - nonspecific; Poland; Soil Chemical Properties; Soil Moisture; Tillage, Cropping Systems; ...4.0168

EXTENDING THE MARKET LIFE OF CALIFORNIA CITRUS FRUITS IN FOREIGN MARKETS ...Diphenyl; Economic Losses (or Benefits); International Economics; Pesticide Tolerance Rate; Residues in Foods; Retail; ...4.0228

ANTIMICROBIAL ACTION OF BIPHENYL AND DERIVATIVES ON CITRUS SPOILAGE ORGANISMS ...Citrus; Diphenyl; Fruit, Nut, and Berry Crops; Pesticide Phytotoxicity; Trichoderma; ...4.0296

STORED GRAIN INSECT PESTS AND THEIR CONTROL IN UTTAR PRADESH, INDIA ...Climates -general; Insecticides - nonspecific; Pesticide Evaluation; Temperature - Air; Zea Mays - Field Corn; ...4.0305

FATE AND SIGNIFICANCE OF LABELLED PESTICIDES RESIDUES IN RICE ...Carbon, Fungicides -nonspecific; Metabolites From Pesticides; Oryzeae; Phosphorus; Sulfur; ...4.0312

THE ROLE OF RHIZOSPHERE MICROORGANISMS IN THE ACTION OF HERBICIDES ON PLANTS ...Ammonification Or Decay; Fungicides -nonspecific; Insecticides -nonspecific; Nitrification; Pesticide Interaction With Env; Pesticides Compatibility; Rhizosphere; ...4.0468

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem., Secale; Solanum; Vicia; ...4.0469

LABORATORY SCREENING OF INSECT CONTROL MATERIALS, BROWNSVILLE ...Arachnida; Bioassay; Formulations -nonspecific; Insecticides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0483

USE OF LABELLED PESTICIDES FOR STUDYING TERMINAL PESTICIDES RESIDUES IN CERTAIN TROPICAL PRODUCTS ...Baygon; British Isles; Metabolites From Pesticides; Methyl Bromide; Radioisotopes -nonspecific; Residues in Foods; ...4.0493

LABELLED PESTICIDES FOR STUDIES OF RECOVERY OF PESTICIDE RESIDUES BY SOLVENT EXTRACTION OF SPIKED & AGED CEREAL SAMPLES (ABBREV) ...British Isles; Chemical Analysis, Ddvp; Malathion; Pesticide Residues in Feeds, Radioisotopes -nonspecific; ...4.0494

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. -(1 Or ; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - STUDIES ON THE BIOLOGY AND STERILIZATION OF THE COFFEE LEAF MINER ...Animal Resistance; Biological Control; Guatemala; Pesticide Toxicity in Animals; Physical Control; Rubiaceae; X and Gamma Rays; ...4.0583

MECHANISM OF ACTION OF HALOGENATED HYDROCARBON FUMIGANTS ON ANIMALS ...Birds; Dibromoethane; Israel; Muridae; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0621

STUDY OF HONEY BEES AND OTHER POLLINATING INSECTS AND PESTICIDE CHEMICAL MATERIALS ...Insects - Beneficial; Liquids Or Sprays; Poland; Sevin; ...4.0771

EFFECTS OF PESTICIDES ON INSECTS, MITES, AND PREDACEOUS ARTHROPODS IN APPLE ORCHARDS ...Arachnida; Insects - Beneficial; Pesticide Action on Animals; Pesticide Toxicity in Animals; Population Dynamics -general; Temperature - Air; ...4.0838

INFLUENCE OF PESTICIDAL CHLORINATED HYDROCARBONS ON ADAPTATION MECHANISM IN POULTRY ...Chlorinated Hydrocarbons; DDT; Domestic Animals; Gallus Domesticus; Yugoslavia; ...4.0921

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

WARNING AGENTS FOR TOXIC FUMIGANTS ...Israel; Pesticide in Food Chains; Pesticide Residues in Feeds; Pesticide Toxicity in Humans; Preventative Measures; ...4.0948

USE OF INSECTICIDES LABELLED WITH PHOSPHORUS-32 AND TRITIUM FOR THE DETERMINATION OF PESTICIDE RESIDUES ...Insecticides -nonspecific; Pesticide Residue Analysis; Phosphorus; Spain; ...4.1112

STUDY OF THRIPS TABACI, ITS BIOLOGY AND ECOLOGY, A VIRUS VECTOR ON TOBACCO ...Animal Life History Studies; Insect Resistance; Nicotiana; Pesticide Residue Analysis; Phenols; Population Dynamics -general; ...4.1134

STUDIES ON THE EFFECTS OF NEUTRON IRRADIATION ON SEEDS ...Bulgaria; Hordeum Vulgare; Neutron -see Radiation; Plants; Temperature - Air; ...5.0102

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Tropical Regions; ...5.0218

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE: THE MINERALIZATION OF ORGANIC NITROGEN IN SOILS FROM VOLCANIC MATERIAL ...Alluvium - Alluvial; Humid Climates; Organic Soils -see Soils; Radiation Effects - Biological; Sediment Lithification; Soil Chemical Properties; Soil Organic Content; ...5.0219

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Germany; Neutron -see Radiation; Plants; ...5.0264

FIELD AND PHYTOTRON EXPERIMENTS ON RADIOSTIMULATION OF SOME GRAIN AND VEGETABLE VARIETIES ...Hungary; Plants; Vegetables; ...5.0266

STUDIES ON NEUTRON IRRADIATION OF SEEDS ...Italy; Neutron -see Radiation; Plants; ...5.0328

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Netherlands; Neutron -see Radiation; Plants; ...5.0419

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Neutron -see Radiation; Philippines; Plants; ...5.0597

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...China; Chlorophyll; Hordeum Vulgare; Neutron -see Radiation; Oryzeae; Plants; X and Gamma Rays; ...5.0602

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION OF SEEDS ...Neutron -see Radiation; Plants; Venezuela; ...5.0728

Forest Canopy & Overstory

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS ...Air Pollution - see Specifics; Carbon Monoxide; Fire Behavior - Identification; Fire Prevention; Fire Research -see Forest Fire; Forest Environment -general; Forest Litter, Duff & Humus; Pinus Taeda; ...1.0043

EFFECTS AND FATE OF AIR POLLUTANTS ...Absorption (incl. Adsorption); Carbon Monoxide; Growth; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Physiological Ecology; Sulfur Dioxide; Transpiration and Evap; ...1.0430

RECOVERY OF A TROPICAL RAIN FOREST FOLLOWING EXPOSURE TO GAMMA RADIATON ...Dominant Organisms; Moraceae; Plants; Radiation Resistance; Rain Forests; Soil Cover Crops; X and Gamma Rays; ...5.0544

EFFECTS OF GAMMA RADIATION ON HERBACEOUS SPECIES IN A NORTHERN HARDWOOD FOREST ...Aster; Deciduous Forests; Plant Ecology -nonspecific; Radiation Effects - see Rad.; Radioecology - Plants; X and Gamma Rays; ...5.0548

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels, Altitude; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

Forest Cutting Operations

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Agricultural Economics; Alaska; Cost-benefit Analysis; Equipment & Machinery; Forest Fires -see Fire; Helicopters; Recreation, Outdoor; Types of Resources; ...1.0656

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

STUDIES ON EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Chemical Water Properties; Forest Watersheds; Optical Properties of Water; Periphyton; Primary Productivity - Plants; Suspension; ...2.0321

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Forecasting - Prediction; Forest Debris; Lumbering -general; Roads & Highways -see Highways; Sediments; Solar Radiation - sunshine; ...2.0746

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

HYDROLOGY OF SMALL MOUNTAIN STREAMS ...Flow Characteristics (water); Forest Debris; Hydrographs; Lumbering - general; Pulp and Paper Wastes; ...2.1680

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

SYSTEMS APPLICATIONS IN AGRICULTURE ...Agricultural Economics; Farm Animal Wastes; Forest Management; Marketing; Soil Water Plant Relationships; ...3.0185

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Computer Methods -general; Food Supply; Forest Environment -general; Mark, Tag Or Capture; Pesticide Residue Analysis; Pesticides -nonspecific; Quail; ...4.1113

Forest Environment -general

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS ...Air Pollution - see Specifics; Carbon Monoxide; Fire Behavior - Identification; Fire Prevention; Fire Research -see Forest Fire; Forest Litter, Duff & Humus; Pinus Taeda; ...1.0043

USSR LITERATURE ON AIR POLLUTION AND RELATED DISEASES ...Air Pollution -see Specifics; Air Pollution Effects; Environmental Effects - Human; Literature Search; Plant Habitat Studies; ...1.0211

EFFECTS OF AIR POLLUTION ON A FOREST ECOSYSTEM ...Industrial Pollution -general; Mixed Forest; Plant Productivity - general; Plant Response to Env. -ns; Plant Succession; Sulfur Dioxide; Zinc; ...1.0373

EFFECTS ON FOREST TREES OF LONG-TERM EXPOSURE TO LOW CONCENTRATIONS OF AIR POLLUTANTS ...Fluorine; Forest Pathology; Pinus Strobus; Pollutant Resistance; Smoke -see Air Pollution; ...1.0384

BIOCHEMISTRY OF OZONE INJURY TO PINES ...Air Pollution - see Specifics; Bioindicators; Pinus Strobus; Pinus Taeda; Plant Response to Env. -ns; ...1.0385

RELATIONSHIP OF AIR POLLUTION TO HARDWOOD FORESTS OF THE NORTHEASTERN UNITED STATES ...Air Pollution -see Specifics; Air Pollution Sampling; Deciduous Forests; Forest Pathology; Plant Pathology - Env. Relat.; Temperature - Air; ...1.0412

ECOLOGICAL METEOROLOGY STUDIES: A PINE PLANTATION ...Air Pollution -see Specifics; Energy Budgets; Pinus Taeda; Temperature - Air; Wind -see Air Motion; ...1.0422

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Agricultural Economics; Air Pollution-chemistry; Land Use; Losses Due to Pollution; Recreation, Water Resources; Remote Sensing; Smog; Value; ...1.0456

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0837

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0779

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality - general; Water Storage; Water Table; Wetlands; ...2.0204

ENVIRONMENTAL BIOLOGY - BIOGEOCHEMICAL CYCLING IN ECOLOGICAL SYSTEMS ...Aquatic Ecology - Animal; Estuaries; Eutrophication; Lysimeters, Pesticide Aquatic Cycling; Water Pollutants - Path of; ...2.0277

DISPOSAL OF PAPER MILL EFFLUENT THROUGH IRRIGATION OF BOTTOMLAND HARDWOOD UNDER LOUISIANA CONDITIONS ...Disposal Wastes; Industrial Wastes; Irrigation; Louisiana; Pulp and Paper Wastes; Waste Disposal on Soils; Water Quality Control -general; ...2.0605

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Land Use; Northeast U. S.; Rainfall - Runoff Relationship, River Basins, Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

NATIONAL AND ENVIRONMENTAL HAZARDS, DISORDERS, ENVIRONMENTAL QUALITY ...Drought - Meteorologic; Floods; Glaciology; Recreation, Water Resources; Seismology; Urban Environment; Urban Research -general; Water Pollution Sources; ...2.1799

WOOD RESIDUE PRODUCTION AND FEASIBILITY OF CONVERSION TO A SALEABLE PRODUCT ...Contamination - Soil, Economic Feasibility; Forest Industry; Industrial Pollution - general; Soil Microbiology; ...3.0394

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Economic Losses (or Benefits); Furadan; Malathion; Oleaceae; Pesticide Phytotoxicity; Population Dynamics -general; Thimet; ...4.0433

DEVELOPMENT OF AERIAL & GROUND TREATMENTS FOR CHEMICAL CONTROL OF BRUSH SPECIES IN FOREST LANDS ...Air Pollution -see Specifics; D, 2,4-; Forest Litter, Duff & Humus; Pesticide Evaluation; Picloram; ...4.0458

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules, Organs, Soils -see Soils; Pesticide Evaluation, Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Biological Control; Birds; Passeriformes; Pesticide in Food Chains; Physical Control; ...4.0549

PESTICIDE RESIDUES AND PARASITES IN BIG GAME MAMMALS ...Antilocapridae; Cervus; Nematoda; Ovis; ...4.0845

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Computer Methods -general; Food Supply; Mark, Tag Or Capture; Pesticide Residue Analysis; Pesticides - nonspecific; Quail; ...4.1113

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation; Bos; Cricetidae -other; Felidae; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Vertebrates Excl. Man; ...5.0258

RADIATION DAMAGE IN TROPICAL RAIN FOREST TREES ...Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Rain Forests; Tropical Regions; ...5.0513

ENVIRONMENTAL BIOLOGY - EFFECTS OF IONIZING RADIATION ON TERRESTRIAL ECOSYSTEMS ...Eastern U. S.; Ionizing Radiation -see Rad.; Plant Population Dynamics -gen; Plant Succession; Radiation Resistance; ...5.0539

TREES AND SHRUBS FOR NOISE ABATEMENT ...Noise; Plant Growth; Wind -see Air Motion; ...6.0037

COLLECTION, PROPAGATION, CULTURE AND EVALUATION OF PLANT MATERIALS ...Nebraska; Noise; Plant Growth; Right-of-way -see Legal Study; Roads & Highways -see Highways; Snow and Ice Removal; Traffic Engineering; ...6.0039

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels, Altitude; Evapotranspiration; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

Forest Fires -see Fire

AIR POLLUTION FROM FOREST AND AGRICULTURAL BURNING ...Air Pollution -see Specifics; Combustion; Fire Research -see Forest Fire; Gramineae -other; Plant Waste Removal, Treatment; ...1.0016

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS ...Air Pollution - see Specifics; Carbon Monoxide; Fire Behavior - Identification; Fire Prevention; Fire Research -see Forest Fire; Forest Environment -general; Forest Litter, Duff & Humus; Pinus Taeda; ...1.0043

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Recreation; Handbooks; Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; ...1.0071

COMPOSITION AND DISTRIBUTION OF FOREST FIRE SMOKE ...Abies; Air Pollution -see Specifics; Chemical Analysis -general; Combustion Air Pollution-gen; Fire Research -see Forest Fire; Larix; Mathematical Models; ...1.0156

FLAME RETARDANTS AND AIR POLLUTION FROM SLASH BURNING ...Air Pollution-chemistry; Atmospheric Dynamics, Combustion Air Pollution-gen; Fire Research -see Forest Fire; Smoke; Smoke -see Air Pollution; ...1.0161

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Agricultural Economics; Alaska; Cost-benefit Analysis; Equipment & Machinery; Helicopters; Recreation, Outdoor; Types of Resources; ...1.0656

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general, Combustion Air Pollution-gen; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0837

STATE WIDE WILDLIFE INVESTIGATIONS ...Chemical Analysis; Deer -nonspecific; Mammals; T, 2,4,5-; Wildlife Habitat Management; ...4.0333

Fire Behavior - Identification

AIR POLLUTION FROM FOREST AND AGRICULTURAL BURNING ...Air Pollution -see Specifics; Combustion; Fire Research -see Forest Fire; Gramineae -other; Plant Waste Removal, Treatment; ...1.0016

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS ...Air Pollution - see Specifics; Carbon Monoxide; Fire Prevention; Fire Research - see Forest Fire; Forest Environment -general; Forest Litter, Duff & Humus; Pinus Taeda; ...1.0043

THE CONTRIBUTION OF FOREST FIRES TO ATMOSPHERIC POLLUTION ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Fire Damage, Recovery; Fire Research -see Forest Fire; Smoke; ...1.0162

Fire Control

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation; Handbooks; Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; ...1.0071

Fire Damage, Recovery

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS ...Air Pollution - see Specifics; Carbon Monoxide; Fire Behavior - Identification; Fire Prevention; Fire Research -see Forest Fire; Forest Environment -general; Forest Litter, Duff & Humus; Pinus Taeda; ...1.0043

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation; Handbooks; Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; ...1.0071

COMPOSITION AND DISTRIBUTION OF FOREST FIRE SMOKE ...Abies; Air Pollution -see Specifics; Chemical Analysis -general; Combustion Air Pollution-gen; Fire Research -see Forest Fire; Larix; Mathematical Models; ...1.0156

THE CONTRIBUTION OF FOREST FIRES TO ATMOSPHERIC POLLUTION ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Fire Behavior - Identification; Fire Research -see Forest Fire; Smoke; ...1.0162

CHARACTERIZATION OF SOIL NONWETTABILITY AND THE DEVELOPMENT OF CRITERIA FOR THE MOST ECONOMIC TREATMENT OF THESE SOILS ...Infiltration; Soil Conditions; Soil Moisture; Soil Types -also See Specifics; Surfactants -see Detergents; ...2.0044

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

EFFECTS OF LARGE SCALE FOREST FIRES ON WATER QUALITY IN THE INTERIOR OF ALASKA ...Alaska; Chemical Water Properties; Ecological Effects; Fire Research -see Forest Fire; Forest Watersheds; Soil Chemical Properties; ...2.1474

Fire Prevention

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS ...Air Pollution - see Specifics; Carbon Monoxide; Fire Behavior - Identification; Fire Research -see Forest Fire; Forest Environment -general; Forest Litter, Duff & Humus; Pinus Taeda; ...1.0043

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation; Handbooks; Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; ...1.0071

ECOLOGICAL AND PHYSIOLOGICAL IMPLICATIONS OF GREENBELT IRRIGATION ...California; Groundwater; Irrigation; Plant Ecology -nonspecific; Sewage; Waste Disposal on Soils; ...2.1189

Forest Industry

PULP INDUSTRY POLLUTION ABATEMENT THROUGH PROCESS MODIFICATION ...Chemical Treatment (water); Kinetics; Process Design; Pulp and Paper Wastes; Recycle Water; ...3.0254

DETERMINE LIGNIN STRUCTURE AND BIOSYNTHESIS ...Aldehydes -nonspecific; Enzymes; Hydrolysis, Esterification; Oxidants; Plant Waste Removal, Treatment; ...3.0371

WOOD RESIDUE PRODUCTION AND FEASIBILITY OF CONVERSION TO A SALEABLE PRODUCT ...Contamination - Soil; Economic Feasibility; Forest Environment -general; Industrial Pollution -general; Soil Microbiology; ...3.0394

Forest Litter, Duff & Humus

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS ...Air Pollution - see Specifics; Carbon Monoxide; Fire Behavior - Identification; Fire Prevention; Fire Research -see Forest Fire; Forest Environment -general; Pinus Taeda; ...1.0043

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation; Handbooks; Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; ...1.0071

LIMNOLOGICAL EFFECTS OF ORGANIC WATERSHED LITTER ...Forest Debris; Forest Watersheds; Lakes; Organic Matter; Physiological Effects; ...2.1480

ORGANIC MATTER RELATIONSHIPS OF SPOIL BANKS ...Animal Productivity; Quercus; Soil Chemical Properties; Soil Microbiology; Soil pH; ...3.0033

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

DEVELOPMENT OF AERIAL & GROUND TREATMENTS FOR CHEMICAL CONTROL OF BRUSH SPECIES IN FOREST LANDS ...Air Pollution -see Specifics; D, 2,4-; Pesticide Evaluation; Picloram; ...4.0458

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Mammals -nonspecific; Microorganisms, Picea; Plants; Populus; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0769

Forest Management

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity -general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

DISPOSAL OF PAPER MILL EFFLUENT THROUGH IRRIGATION OF BOTTOMLAND HARDWOOD UNDER LOUISIANA CONDITIONS ...Disposal Wastes; Forest Environment -general; Industrial Wastes; Irrigation; Louisiana; Pulp and Paper Wastes; Waste Disposal on Soils; Water Quality Control -general; ...2.0605

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Effluent-standards; Idaho; Irrigation; Sediment Thickness; Water Costs; Water Reuse; ...2.1241

EFFECTS OF ALTERNATE BLOCK CUTTING ON STREAMBED SEDIMENTATION & WATER TEMPERATURES IN BUMMER LAKE CREEK, DEL NORTE COUNTY, CALIFORNIA ...Animal Habitat Studies; California; Fish and Shellfish; Forest Watersheds; Lumbering -general Salmonidae Temperature (water); ...2.1497

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

MANAGEMENT GUIDES UNDER ACCELERATED RECREATION DEMANDS AND INTENSIVE LAND USE ...Air Pollution -see Specifics; Demand and Use -recreation; Landscaping; Recreation, Water Resources; Skiing; ...2.1788

MATHEMATICAL AND COMPUTER SERVICES FOR THE ANALYSIS OF DATA AND DESIGN OF EXPERIMENTS FOR CERTAIN FWQA PROGRAMS ...Coastlines - Shorelines; Electric Power Plants; Facilities; Marine Environments; Pulp and Paper Wastes; ...2.1897

SYSTEMS APPLICATIONS IN AGRICULTURE ...Agricultural Economics; Farm Animal Wastes; Marketing; Soil Water Plant Relationships; ...3.0185

FOREST PRACTICE ALTERNATIVES IN CENTRAL ALABAMA ...Atrazine, D, 2,4-, Economic Feasibility; Liquids Or Sprays; Pesticide Evaluation; Pinus -nonspecific; Simazine; ...4.0206

ENVIRONMENTAL BIOLOGY - METABOLISM AND PRODUCTION OF A FOREST ...Carbon; Photosynthesis; Plant Ecology - nonspecific; Plants; Quercus; Radioecology - Plants; X and Gamma Rays; ...5.0900

Forest Pathology

BIOLOGY AND CONTROL OF DISEASES OF CONIFER FORESTS OF CALIFORNIA AND HARDWOOD FORESTS OF HAWAII ...Elevation Levels; Altitude; Fomes; Fungal Resistance; Loranthaceae; Pinus Ponderosa; Smog; ...1.0308

LOPHODERMIUM NEEDLE CAST DISEASE AND OZONE DAMAGE ON WHITE PINES ...Gases; Humidity; Lophodermium; Pinus Strobus; ...1.0356

EFFECTS ON FOREST TREES OF LONG-TERM EXPOSURE TO LOW CONCENTRATIONS OF AIR POLLUTANTS ...Fluorine; Pinus Strobus; Pollutant Resistance; Smoke -see Air Pollution; ...1.0384

RELATIONSHIP OF AIR POLLUTION TO HARDWOOD FORESTS OF THE NORTHEASTERN UNITED STATES ...Air Pollution -see Specifics; Air Pollution Sampling; Deciduous Forests; Plant Pathology - Env. Relat.; Temperature - Air; ...1.0412

FOREST TREE IMPROVEMENT THROUGH SELECTION AND BREEDING ...Abies; Air Pollution -see Specifics; Juglans; Magnoliaceae; Pinus Nigra; Populus; ...1.0414

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

FERTILITY OF FOREST NURSERY SOILS ...Aluminum; Cold Resistance; Maneb; Pesticide Phytotoxicity; Plant Residues; Humus; Compost; Soil Cover Crops; ...4.0517

Forest Recreation

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Handbooks, Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; 1.0071

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Agricultural Economics; Air Pollution-chemistry; Forest Environment -general; Land Use; Losses Due to Pollution; Recreation; Water Resources; Remote Sensing; Smog; Value; ...1.0456

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation; Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Kentucky; Mine Wastes; Rehabilitation -streams -lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser., Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

ECOLOGICAL AND PHYSIOLOGICAL IMPLICATIONS OF GREENBELT IRRIGATION ...California; Fire Prevention; Groundwater; Irrigation; Plant Ecology -nonspecific; Sewage; Waste Disposal on Soils; ...2.1189

MANAGEMENT GUIDES UNDER ACCELERATED RECREATION DEMANDS AND INTENSIVE LAND USE ...Air Pollution -see Specifics; Demand and Use -recreation; Forest Management; Landscaping; Recreation, Water Resources; Skiing; ...2.1788

Forest Soils

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply -general; ...2.0322

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Erosion; Gramineae -other; Leguminosae; Mine Wastes; Soil Chemical Properties; Soil Fertility; Soil Moisture; Water Pollution Sources; ...3.0029

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

Formosa - Taiwan

STUDIES IN IODINE METABOLISM ...Australia; British Isles; Digestive System - Human; Iodine; Japan; Radiation Effects - Biological; Radiologic Health; ...5.0920

Foundations

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology; Floods; Geologic Maps; Land Use; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Environment; Urban Research -general; ...2.0066

SURFICIAL GEOLOGY OF JUNEAU AND VICINITY URBAN AREA, ALASKA ...Urban Research -general; ...2.0068

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology; Geological Exploration; Lead; Massachusetts; Rocks - Bedrock; Streams; Surveying; Waste Disposal-see Solid Waste; ...3.0162

REACTOR SITE INVESTIGATIONS ...Geology -general; Nuclear Power; Nuclear Reactors; Power Plants -see Specifics; Seismology; Structure Sites; ...5.0029

France

GAVE DE PAU RIVER ...Alluvium - Alluvial; Flow Characteristics (water); Water Quality Control -general; ...2.0110

WATER POLLUTION CONTROL BY THE SECLAR METHOD ...Potable Water; Water Quality Control -general; ...3.0085

POLLUTION OF THE HUISME ...River Basins; Water Quality - general; ...2.1535

CHLORINATED HYDROCARBONS - PATTERNS AND EFFECTS UPON THE REPRODUCTIVE CAPACITY OF ANTARCTIC PELAGIC SEA BIRDS ...Antarctica; Birds; Polar Regions; Polychlorinated Biphenyl Cpds.; Procellariiformes; ...4.0551

Free Radical Reactions

ESR STUDIES OF BIOCHEMICAL EFFECTS OF ATMOSPHERIC POLLUTANTS ...Air Pollution-chemistry; Gases; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Tobacco - cigarettes; Tobacco Products &/or Smoking; ...1.0299

THE RELATION BETWEEN IONIC AND RADICAL BOND CLEAVAGE ...Cycloaddition; Kinetic Isotope Effects; Mechanism Determination; Oxidation; ...1.0891

ELEMENTARY REACTIONS IN POLLUTED ATMOSPHERES ...Air Pollution-chemistry, Degradation; Mechanism Determination; Oxidation; Photochemical Reactions; Photolysis; Rate of Reaction; ...1.0905

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Mechanism Determination; Photolysis, Pulse Radiolysis; Radiation Chemistry - biophys.; Radiation Sensitivity -gen; Radiolysis; ...5.0223

RADICAL AND RADIATION CHEMISTRY OF SULFUR COMPOUNDS ...Cell Injury and Autolysis; Photolysis; Radiation Chemistry -biophys.; Radiolysis; ...5.0341

CYTOCHEMICAL AND MACROMOLECULAR RADIATION EFFECTS ...Catalysis; Radiation Chemistry -biophys.; ...5.0379

RADIATION CHEMISTRY, PHOTOCHEMISTRY AND EXCITED STATES OF A) OXYANIONS, B) D.N.A ...Chemical Mechanisms & Kinetics; Mechanism Determination; Photochemical Reactions; Radiation Effects - Biological; Radiolysis; X and Gamma Rays; ...5.0576

Fresh Water

VENTURA CALIFORNIA COOP ...Aquifers; Groundwater Basins; Mapping; Marine Geology; Ocean Profiles; Salinity; Seismology; Tectonic History - Mountains; ...2.0038

SALT POLLUTION OF GROUNDWATER ...Artificial Recharge; Fluid Mechanics; Groundwater Movement; Management (water); Saline Water Intrusion; ...2.0225

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Marine Animals; Marine Environments; Marine Photography-Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

INFLUENCE OF LOG RAFTING ON WATER QUALITY ...Degradation -see Pesticide Deg; Forest Debris Lumbering - general; Northwest U. S.; Pulp and Paper Wastes; ...2.0327

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Data Reduction and Analysis; Geology -general, Hydraulics; Texas; Water Pollution Sources; Water Supply -general; Water Wells; ...2.0375

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Baseflow; Groundwater Basins; Permian Period; Saline Water Intrusion; Seepage (water); Tectonics; Water Pollution Sources; ...2.0376

TAXONOMY AND BIOLOGY OF SLUDGE WORMS ...Annelida; Aquatic Ecology - Animal; Brackish Water; Taxonomy -animal; Water Pollutant Identification; ...2.0507

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Estuaries; Geology -general; River Basins; Soil Tillage; Water Depth; Water Levels; Water Table; Wind; ...2.0558

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ...Aquatic Distribution; Bacterial Pollutant Sources; Contamination - Water; Escherichia Sp; Gulf of Mexico; Mississippi; Ostreidae (oyster); Pollution Effects -see Water; ...2.0652

STUDIES ON AQUATIC MYXOBACTERIA ...Bacterial Classification; Bacterial Population Surveys; Degradation -see Pesticide Deg; Myxobacteria; Plant Habitat Studies; Water Bacteria; Water Pollution Sources; Water Quality -general; ...2.0748

THE INSECT ORDER PLECOPTERA AS A BIOLOGICAL INDEX OF FRESH WATER QUALITY ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Organic Water Properties; Rhode Island; Temperature (water); Water Pollutant Identification; ...2.0771

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling; Chlorine; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics -general; Rural Areas; Size; ...2.0776

DETECTION OF PATHOGENS IN WATER ...Bacteria -nonspecific; Bacterial Population Surveys; Escherichia Coli; Streptococcus Fecalis; Water Pollutant Identification; ...2.0835

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

RECLAMATION OF POLLUTED FRESHWATER AQUIFERS BY PURGING ...Aquifers; Computer Models; Mapping; Simulation Theory; Water Pollutant Identification; ...2.1083

ESTUARINE DIFFUSION OF POLLUTANTS ...Bays; Fluid Mechanics, Oregon; Stratification (water); ...2.1085

WATER TREATMENT BY REVERSE OSMOSIS METHOD ...Economic Efficiency, Membranes; Pilot Plants; Reverse Osmosis, Waste Water Treatment -general; Water Reuse; ...2.1195

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1575

TOXIC ACTION OF WATER SOLUBLE POLLUTANTS ON FRESHWATER FISH ...Aquatic Ecology - Animal; Contamination - Water; Nitrogen and Nitrogen Cpds.; Physiological Effects; Pollution Effects -see Water; Salmo Gairdneri; ...2.1591

EFFECTS OF THERMAL AND OTHER FORMS OF POLLUTION ON SOME ANADROMOUS FISHES ...Aquatic Ecology - Animal; Environment Resistance-animals; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Salinity (water); Thermal Pollution; ...2.1641

SUBLETHAL INFLUENCE OF POLLUTANTS ON FISH METABOLISM ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Population Dynamics -general; ...2.1673

IMMEDIATE EFFECTS OF LOGGING ON THE FRESHWATER ENVIRONMENT OF SALMONIDS ...Acidity (water); Circulation (water); Forest Debris; Lumbering -general; Population Dynamics -general; Salmonidae; Temperature (water); ...2.1681

AN EXPANDED PROGRAM OF RESEARCH IN FRESHWATER ECOLOGY ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Environment Resistance-animals; Pollution Effects -see Water; Water Pollution Sources; ...2.1689

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

UTILIZATION OF FLORIDA PHOSPHATE SLIMES ...Acid Mine Wastes; Ceramics; Phosphorus and Phosphorus Cpds; Sediments, Waste Material Recovery; Water Reuse; ...3.0128

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

THE UPTAKE OF INSECTICIDES BY FRESHWATER MUSSELS AND THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF INSECTICIDES ON THESE MUSSELS ...Contamination - Water; Insecticides -nonspecific; Invertebrate Physiology; Mollusca; Pesticide Action on Animals; Pesticide Formulation; ...4.0676

INFLUENCE OF PROTOZOAN ACTIVITY ON HALOGENATED HYDROCARBON RESIDUES - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Aquatic Ecology - Animal; Biodegradation; Invertebrate Physiology; Pesticides -see Pesticide; Protozoa; ...4.0706

CORRELATION OF STRUCTURE VS ACTIVITY OF POLLUTANTS OF FRESH WATER ...Analysis and Detection; Carbamates -see Pesticides; Invertebrate Physiology; Pesticide Action on Animals; Water Pollutant Identification; ...4.0839

TERRESTRIAL AND FRESHWATER ECOLOGY ...Aquatic Ecology - Animal; Bibliography; ...5.0734

Frost and Permafrost

ARCTIC ENGINEERING GEOLOGY (NASA) ...Alaska; Freight Service; Infrared Radiation; Oil and Natural Gas - Sulfur; Petroleum Research; Surveying; Transportation Management; ...2.0497

ARCTIC ENGINEERING GEOLOGY (TAPS) ...Alaska; Environmental Hazards; Geology -general; Permafrost - Frozen Soils; Polar Regions; Remote Sensing; ...3.0017

ENGINEERING PROPERTIES OF COMPACTED ASH FILLS ...Burning; Combustion; Construction Materials; Engineering Mechanics; Materials -properties; Soil Compaction Or Density; ...3.0179

Fruit, Nut, and Berry Crops

PRODUCTION PRACTICES FOR FRUITS ...Air Pollution -see Specifics; Cold Resistance; Indiana; Prunus Persica; Temperature - Air; ...1.0054

EFFECTS OF FLUORIDES IN AIR, WATER, AND SOIL ON GROWTH, QUALITY, AND YIELDS OF TREE, FIELD, AND VEGETABLE CROPS ...Air - Water - Plant Relations; Aluminum; Fluorine; Gases; Mineral Nutrition; Soil Water Plant Relationships; Zinc; ...1.0319

THE TOTAL EFFECT OF AIR POLLUTANTS ON BEARING CITRUS ...Air Pollution -see Specifics; California; Citrus; Fluorine; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Response to Env. -ns; ...1.0325

OZONE DAMAGE TO PLANTS ...Bayer 25141; Pollutant Resistance; Solanum; Wind -see Air Motion; ...1.0337

EFFECTS OF AIR-BORNE FLUORIDES ON CITRUS ...Air Pollution -see Specifics; Citrus; Fluorine; Leaf Analysis; Plant Pathology - Env. Relat.; ...1.0340

EFFECTS OF AIR-BORNE FLUORIDES ON CITRUS ...Citrus; Fertilizer Industry; Fluorine; Herbicides and Other Chem; Industrial Pollution -general; Leaf Analysis; Mineral Composition; ...1.0341

PLANT DISEASE SURVEY ...Air Pollution -see Specific s; Corynebacteria -nonspecific; Plant Pathogenetic Fungi; Pyrus Malus; Triticum; ...1.0426

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Forecasting - Prediction; Soil Depth; Soil Types -also See Specifics; Water Table; ...2.1227

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage; Drainage Engineering; Energy Budgets; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Drainage Engineering; Fluorine; Growth; Water Table; ...2.1229

IRRIGATION OF CITRUS WITH WASTE WATER ...Absorption (incl. Adsorption); Citrus; Food Processing Industries; Industrial Wastes; Irrigation; Sewage; Water Application Methods; ...2.1526

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts; Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

PRELIMINARY EXPLORATORY CITRUS RESEARCH AT CITRUS EXPERIMENT STATION ...Aliphatic Carbamates; Literature Search; Pesticide Formulation; Pesticide Residues; Soil Depth; ...4.0096

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Gas Chromatography; Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Equipment; Lubatac; Nematoda; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

CHEMICAL CONTROL OF POST-HARVESTING FRUIT AND VEGETABLE DECAYS OCCURRING IN PACKING HOUSES ...Butylamine; Diplodia; Liquids Or Sprays; Pesticide Application Rates; Pesticide Legal Aspects; ...4.0231

PRODUCTION AND QUALITY OF APPLES IN HIGH DENSITY PLANTINGS USING DWARFING ROOTSTOCKS ...B9; Irrigation; Pathological Physiology; Pesticide Phytotoxicity; Phytophthora; Pyrus Malus; ...4.0250

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming - vegetables; ...4.0265

PRELIMINARY EXPLORATORY RESEARCH AT THE SOUTH FLORIDA FIELD LABORATORY ...Citrullus; Fusarium; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; Pinolene; Vegetables; ...4.0273

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Ves-438; ...4.0277

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS ...Cipc; Dichlobenil; Florida; Herbicides -nonspecific; Mineral Nutrition; Pesticide Phytotoxicity; Prunus Persica; Vitaceae; ...4.0279

CHEMICAL CONTROL OF SOIL FUNGI, NEMATODES, AND WEEDS AFFECTING WATERMELONS ...Citrullus; Fumigants - nonspecific; Nematoda; Pesticide Evaluation; Pesticides -other; Pythium; Soil Fungi -nonspecific; ...4.0280

THE EFFECT OF HERBICIDES ON GROWTH, YIELD, AND LONGEVITY OF PEACH TREES ...Herbicides -nonspecific; Management Effects; Pesticide Phytotoxicity; Soil Compaction Or Density; ...4.0285

ANTIMICROBIAL ACTION OF BIPHENYL AND DERIVATIVES ON CITRUS SPOILAGE ORGANISMS ...Citrus; Diphenyl; Foreign Agriculture; Pesticide Phytotoxicity; Trichoderma; ...4.0296

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS ...Bioassay; Carya; Growth Substances; Herbicides and Other Chem; Photosynthesis; Radioisotopes -nonspecific; Tiba; ...4.0315

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Horticultural Crops -general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

SOUTHEAST KANSAS EXPERIMENTAL FIELD ...Carya; Drainage; Juglans; Ornamentals; Pesticide Evaluation; Pesticide Residues; Vegetables; ...4.0326

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Alternaria; Concentrates; Ethoxyquin; Pesticide Application Rates; Pesticide Phytotoxicity; Pyrus Malus; Temperature - Air; ...4.0339

PESTICIDES AND GROWTH REGULATORS FOR FRUIT CROPS ...Acaricides -nonspecific; Concentrates; Economics of Chemical Control; Liquids Or Sprays; Pesticide Phytotoxicity; Prunus Ceracus & P. Avium; Temperature - Air; ...4.0361

RELATION OF ENVIRONMENT AND CHEMICALS TO PHYSIOLOGY OF POME AND DRUPE FRUIT ...Fungicides - nonspecific; Growth Substances; Pesticide Interaction With Env; Pesticides -nonspecific; Plant Pathology - Env. Relat.; Pyrus Malus; Temperature - Air; ...4.0362

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

CRANBERRY DISEASES AND THEIR CONTROL ...Benlate; Ferbam; Guignardia; Maneb; Pesticide Application Rates; Pesticide Phytotoxicity; Swamps - Marshes; ...4.0402

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; D, 2,4-; Diuron; Pesticide Application Rates; Pesticide Formulation; Pesticide Safety Measures; Simazine; Terbacil; Vitaceae; ...4.0415

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. - nonspecific; Pyrus Malus; Streptomycin; ...4.0426

DISEASES OF CULTIVATED BLUEBERRIES IN NORTH CAROLINA ...Botryosphaeria; Fungicides -nonspecific; Nematoda; Pesticides -other; Temperature - Air; ...4.0428

IMPROVEMENT OF YIELD AND QUALITY OF HOPS ...Fungal Resistance; Moraceae; Pesticide Evaluation; Pesticide Residues; Storage Changes; Thimet; Verticillium; ...4.0454

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan; Liquids Or Sprays; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone; Prunus Domestica; Residues in Foods; ...4.0455

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Citrus; Fragaria; Fumigants - nonspecific; Horticultural Crops -general; Lactuca; Pesticide Organoleptic Prop.; Phaseolus; Residues in Foods; Vegetables; ...4.0929

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Pyrus Malus; Sevin; ...4.0990

RESIDUES AND BREAKDOWN PRODUCTS OF CHEMICAL FUNGICIDES IN PECAN NUTS ...Carbon Disulfide; Chemical Analysis; Dodine; Zinc; ...4.1003

PHYSIOLOGY OF CITRUS FRUIT ABSCISSION ...Abscission; Citrus; Cycloheximide; Enzymes; Herbicides and Other Chem; Pesticide Evaluation; Temperature - Air; ...4.1007

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Benlate; Chenopodiaceae; Ethrel; Penicillium; Pesticide Residues Removal; Respiration; TBZ; ...4.1047

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURE COMMODITIES ...DDT; Pesticide in Food Chains; Pesticides - nonspecific; Pyrus Malus; Residues in Foods; Vegetables; ...4.1081

REMOVING RADIOACTIVE FALLOUT FROM VEGETABLES AND FRUITS DURING PROCESSING ...Cesium; Fragaria; Plants; Radioactive Contamination; Solanum; Vegetables; ...5.0105

Fuel Induction Devices

NUMERICAL ANALYSIS OF TURBULENT FLUID FLOW MIXING ...Engineering Mechanics; Engines; ...1.0051

FUEL INJECTION ...Air Cleaning Devices; Combustion; Engines; Nitrogen and Nitrogen Cpds.; Spark Ignition; ...1.0579

FUEL INJECTION SYSTEM ANALYSIS - DIESEL SMOKE REDUCTION ...Diesel; Engines; Smoke -see Air Pollution; Spray Devices; ...1.0583

RI - ADAPTIVE MIXTURE CONTROL FOR INTERNAL COMBUSTION ...Combustion; Engines; Fuels; Inorganic Gases; Spark Ignition; ...1.0651

Fuels

THE VARIOUS POLLUTING SUBSTANCES EMITTED IN DIESEL ENGINE EXHAUST GASES ...Air Pollution-chemistry; Combustion; Diesel; Engine; Engines; ...1.0003

AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Combustion; Energy Conversion; Mass Spectroscopy; Photochemical Reactions; Wall Effects; ...1.0009

CHARACTERIZATION OF SMOKE FROM CELLULOSIC FUELS ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Controlled Atmosphere; Fire Research -see Forest Fire; Pyrolysis; Rate of Reaction; ...1.0015

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Coal Research; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0018

SELENIUM AND ITS SIGNIFICANCE AS AN AIR POLLUTANT ...Adsorption; Catalysts; Combustion; Disposal; Solid Waste; Trace Elements; ...1.0057

COMBUSTION STUDIES RELATING TO CETANE IMPROVERS, COMBUSTION CATALYSTS AND SMOKE SUPPRESSANTS ...Air Pollution-chemistry; Catalysts; Combustion; ...1.0059

KINETICS OF NO AND CO FORMATION IN COMBUSTION GASES ...Air Pollution-chemistry; Cars; Combustion; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Turbines; ...1.0060

EFFECTS OF GASOLINE VOLATILITY ON EMISSIONS AND DRIVEABILITY ...Air Pollution-chemistry; Combustion; Engines; ...1.0062

PARTICULATE EMISSIONS FROM TWO-CYCLE GASOLINE ENGINES ...Air Pollution; Combustion; Engines; Particulate Matter - Air Poll.; Particulates - Air Pollution; Spark Ignition; ...1.0064

GASOLINE COMPOSITION AND VEHICLE EXHAUST GAS POLYNUCLEAR AROMATIC CONTENT ...Air Cleaning Devices; Air Pollution-chemistry; Chemical Analysis -general; Combustion; Engines; Nitrogen and Nitrogen Cpds.; ...1.0075

DOCUMENT ODOROUS CONSTITUENTS IN DIESEL EXHAUST ...Chemical Analysis -general; Combustion; Odor; ...1.0085

TESTING OF CONVENTIONAL AND EXPERIMENTAL OIL AND GAS BURNERS ...Air Pollution-chemistry; Boilers; Burners; Furnaces and Incinerators; Heating Units; Nitrogen and Nitrogen Cpds.; Photography; ...1.0096

ENGINEERING STUDIES RELATED TO THE TECHNIQUES AND INSTRUMENTATION USED FOR FUEL AND FUEL ADDITIVE EVALUATIONS ...Air Pollution Monitoring; Air Pollution Sampling; Air Pollution-chemistry; Chemical Analysis - general; Combustion; Meteorological Studies; Nitrogen and Nitrogen Cpds.; ...1.0100

DETERMINATION OF THE EFFECTS OF FUEL ADDITIVES ON VEHICULAR EMISSIONS ...Air Pollution-chemistry; Combustion; Lead; ...1.0105

DEVELOP AND MAINTAIN AN INFORMATION SYSTEM ON NATION-WIDE EMISSIONS FROM GASOLINE FUEL ADDITIVES ...Air Pollution Analysis; Air Pollution-chemistry; Cars; Combustion; Gases; ...1.0106

EVALUATE FEASIBILITY AND NATURE OF A POSSIBLE PARTICULATE STANDARD FOR MOTOR VEHICLES ...Air Pollution; Cars; Lead; Particulates - Air Pollution; Visibility; ...1.0108

MODEL RESIDUAL OIL COMBUSTOR ...Air Pollution-chemistry; Combustion; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0114

AN ENGINEERING STUDY OF LP GAS AS AUTOMOTIVE FUEL ...Combustion; Engine; Engines; Fuel-systems; Lead; ...1.0122

EFFECT OF FUEL VOLATILITY ON AUTOMOTIVE EMISSIONS ...Air Pollution-chemistry; Combustion; Engine; Engines; Photochemical Reactions; ...1.0123

PRODUCTS OF COMBUSTION OF DISTILLATE FUELS FOR MOTIVE POWER ...Buses; Combustion; Diesel Equipment; Nitrogen and Nitrogen Cpds.; Odor; Trucks; ...1.0124

AIR & WATER POLLUTION PFEs-20-55-12 FUELS COMBUSTION RESEARCH ...Combustion; Diesel; Engines; Gas Chromatography; Oxidants; ...1.0125

EXPERIMENTAL METHODS FOR DETERMINING OXYGENATES IN AUTOMOTIVE EXHAUST ...Cars; Combustion; Gas Chromatography; ...1.0126

CHARACTERISTICS AND PHOTOCHEMICAL REACTIVITY OF FUEL COMPONENTS AND COMBUSTION PRODUCTS ...Air Pollution-chemistry; Combustion; Gas Chromatography; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Rate of Reaction; ...1.0127

CATALYTIC DECOMPOSITION OF NITROGEN OXIDES ...Catalysts; Combustion; Degradation; Inert Atmosphere; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; ...1.0133

CONDUCT A STUDY OF EMISSIONS FROM OFF HIGHWAY INTERNAL COMBUSTION ENGINES (GASOLINE AND DIESEL) ...Air Pollution-chemistry; Combustion; Engines; Nitrogen and Nitrogen Cpds.; Spark Ignition; ...1.0148

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Catalysts; Combustion; Fire Research -see Forest Fire; Food Contamination; Mass Spectroscopy; Pyrolysis; Thin Layer Chromatography; ...1.0149

KINETICS OF NITROGEN-OXIDE AUTOMOTIVE POLLUTION ...Air Pollution-chemistry; Combustion; Degradation; Engine; Engines; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0163

CONTINUE STUDIES OF HUMAN BLOOD LEAD LEVELS IN RELATION TO ATMOSPHERIC LEAD LEVELS ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Lead; Mammals -nonspecific; Toxicology; ...1.0284

EFFECT OF NATURAL GAS ON SOIL ECO-SYSTEMS IN AN URBAN ENVIRONMENT ...Air Pollution -see Specifics; Leakage; Soil Analysis; Urban Environment; ...1.0393

MINERAL FUELS AND THE ENVIRONMENT - THE CASE OF INDUSTRIAL FUEL USERS ...Air Pollution-chemistry; Iron & Steel Industry; Power Plants; ...1.0474

SURVEY FUEL ADDITIVE INFORMATION NEEDS AND IMPROVE RETRIEVAL OF DATA ...Air Pollution-chemistry; Da & Statistics Info Storage; Data Reduction and Analysis; Information Systems; Literature Search; ...1.0514

REGISTER FUEL ADDITIVES ...Gases; ...1.0515

AIR POLLUTION CONTROL BY CATALYSIS ...Air Pollution-chemistry; Catalysts; Combustion; Oxidation; Reduction Reactions; ...1.0535

LOW EMISSION FUELS FOR VEHICLES ...Air Pollution-chemistry; Combustion; Engines; Fuel-systems; Heat Recovery, Industrial; Thermal Decomposition; ...1.0539

TECHNOLOGICAL AND ECONOMIC FEASIBILITY STUDY OF ADVANCED POWER CYCLES AND METHODS OF PRODUCING NON-POLLUTING FUELS ...Air Pollution-chemistry; Combustion; Desulfurization; Electric Power Generation; Energy Storage -general; Thermal Cycles; ...1.0541

DETERMINATION OF MASS FLOW AND CONCENTRATION OF SUSPENSIONS ...Air Pollution-chemistry; Chemical Analysis -general; Coal Research; Combustion; Dust; Electrostatic; Furnace and Incinerator Design; ...1.0554

DIESEL EMISSION CONTROL ...Air Cleaning Devices; Combustion; Engine; Environmental Aspects; Odor; ...1.0574

CATALYTIC MEDIA TO REDUCE NOX EMISSIONS FROM GASOLINE ...Air Pollution-chemistry; Catalysts; Combustion; Nitrogen and Nitrogen Cpds.; ...1.0578

INVESTIGATE NON-CARBONACEOUS ALTERNATIVE FUELS FOR CONTROL OF EMISSIONS ...Air Pollution; Air Pollution - see Specifics; Combustion; ...1.0581

FUEL MODIFICATION FOR ABATEMENT OF AIRCRAFT ENGINE EMISSIONS ...Air Pollution-chemistry; Catalysts; Combustion; Nitrogen and Nitrogen Cpds.; ...1.0589

CONTROL OF COMBUSTION CHEMISTRY - KINETICS AND CATALYST ...Air Pollution-chemistry; Catalysts; Combustion; Combustion Air Pollution-gen; Kinetics; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0607

COMPLETE EVALUATION OF STANDARDS FOR MOTOR VEHICLE FUEL COMPOSITION (INCLUDING ADDITIVES) ...Air Pollution-chemistry; Cars; Combustion; Constants; ...1.0615

COMPLETE FEASIBILITY STUDY OF EVAPORATIVE STANDARDS FOR THE MARKETING OF GASOLINE ...Air Pollution-chemistry; Constants; ...1.0616

AQCR ASSISTANCE - EMERGENCY EPISODE PROCEDURES ...Combustion; Exhaust, Combustion -see Auto; Furnace and Incinerator Design; Safety -see Farm Safety; ...1.0618

INTERACTION OF FUEL AND ENGINE FACTORS INFLUENCING EXHAUST EMISSIONS ...Combustion; Engines; Lead; ...1.0620

RI - ADAPTIVE MIXTURE CONTROL FOR INTERNAL COMBUSTION ...Combustion; Engines; Fuel Induction Devices; Inorganic Gases; Spark Ignition; ...1.0651

DEVELOPMENT OF HEAVY HYDROCARBON ANALYZER AND EVALUATION OF CONTINUOUS OXIDES OF NITROGEN ANALYZER FOR ADVANCED POWER PLANT STUDIES ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Nitrogen and Nitrogen Cpds.; Power Plants -see Specifics; ...1.0778

OPERATE A NETWORK OF CONTINUOUS MONITORING RESEARCH STATIONS (CAMP) ...Air Pollution; Air Pollution Monitoring; Automatic Weather Stations; Cars; Combustion; Combustion Air Pollution-gen; Lead; ...1 0783

AIR MONITORING INSTRUMENT LOAN AND CONSULTATION TO ESTABLISH DATA BASE IN AQAR'S ...Air Pollution Monitoring; Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Particulates - Air Pollution; ...1.0828

SINGLE COMBUSTOR RIG INVESTIGATION OF TURBINE ENGINE EXHAUST EMISSIONS ...Air Cleaning Devices; Air Pollution-chemistry; Chemical Analysis -general; Combustion; Engines; Turbines; ...1.0836

ATMOSPHERIC POLLUTION BY DIESEL ENGINES ...Air Pollution Monitoring; Combustion; Diesel Equipment; Engines; Smoke; ...1.0850

ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF THE REACTION KINETICS OF MAJOR AIR POLLUTANTS ...Air Pollution; Chemical Mechanisms & Kinetics; Kinetics; Shock-wave; ...1.0885

CHEMISTRY OF MINERALIZED WATERS ...Arsenic; Bromine; Chlorine; Fluorine; Geology -general; Iodine; Origin; Water Quality -general; ...2.0311

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Analysis and Detection; Lakes; Lead; Mineralization; Recreation, Water Resources; Types of Resources; Water Pollutant Identification; ...2.0807

DETERGENT DISPERSANT CHARACTERISTICS OF PETROLEUM FUELS ...Additives; Corrosion, Deterioration, Detergents - see Surfactants; Filtration; Lubricants and Fluids; Petroleum Research; ...2.1033

RECLAMATION OF ENERGY FROM ORGANIC REFUSE ...Anaerobic Wastewater Treatment; Digestion; Organic Matter; Sewage - Domestic; Waste Material Recovery; ...2.1261

BIODEGRADABILITY OF ORGANIC COMPOUNDS INCLUDING DETERGENTS, METAL WORKING FLUIDS, ETC. THAT MAY CONTAMINATE WATER ...Analysis and Detection; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Detergents -see Surfactants; Metal Processing Wastes; Surfactants - see Detergents; Waste Water Degradation; ...3.0028

CHEMICAL REACTIONS OF WOODS AND BARKS ...California; Combustion; Industrial Wastes; Pulp and Paper Wastes; Pulpwaste; Water Chemistry; Wet Oxidation; 3.0065

THE FATE OF TRITIUM RELEASED BY NATURAL GAS STIMULATION AND STORAGE EXPERIMENTS USING NUCLEAR DETONATIONS ...Power Development; ...5.0004

BIOLOGICAL RESPONSE TO SMALL, DISCRETE, HIGHLY RADIOACTIVE PARTICLES ...Environmental Effects - Human; Injury and Shock; Muridae; Radiation; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0052

Fungal Physiology

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Benlate; Granules, Capsules; Irrigation; Pesticide Phytotoxicity; Plant Population Dynamics -gen; Thimet; Western U. S.; ...4.0243

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Horticultural Crops - general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

DISEASES OF CULTIVATED BLUEBERRIES IN NORTH CAROLINA ...Botryosphaeria; Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Nematoda; Pesticides -other; Temperature - Air; ...4.0428

GENETICS OF CANDIDA ALBICANS - NUTRITIONAL MUTAGENESIS AND COMPARATIVE SUSCEPTIBILITY TO ULTRAVIOLET IRRADIATION ...Candida; Cellular Repair Mechanisms; Evolution; Hansenula; Physical Mutagenesis; Radiation; Taxonomy -plant; ...5.0335

Environmental Factors

ATMOSPHERIC IONS AND THE INFECTION PROCESS OF FUNGI ...Air Pollution; Ionic Effect; Particulates - Air Pollution; Plant Pathogenetic Fungi; Plant Pathology - Env. Relat.; ...1.0362

AIR POLLUTION EFFECTS ON POWDERY MILDEW FUNGI ...Air Pollution -see Specifics; Cell Injury and Autolysis; Fungi - nonspecific; Pathological Physiology; Pollutant Resistance; Sulfur Dioxide; ...1.0380

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Heterotrophic Bacteria; Ionic Effect; Sewage; Water Pollution Sources; ...2.0434

MYCOLOGICAL PHENOMENA IN SEWAGE SPREADING BASINS ...Activated; Cellular Catabolism-see Degrad; Sewage; Soil Bacteria; Soil Microbiology; Waste Disposal on Soils; ...2.1185

CONTROL OF GEOTRICHUM CANDIDUM IN BIOLOGICAL WASTE TREATMENT ...Carbon; Coagulation; Fungal Pollutant

Sources; Geotrichum; Sewage Lagoons; Waste Water Treatment - general; Zinc; ...2.1410

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Gramineae -other; Hordeodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

Fungi

Agaricus

UTILIZATION OF AGRICULTURAL WASTES IN CROP PRODUCTION ...Farm Animal Wastes; Gramineae -other; Mineral Nutrition; Plant Residues, Humus, Compost; Pseudotsuga; Zea Mays - Field Corn; ...3.0294

Alternaria

BREEDING, GENETICS AND DISEASE CONTROL OF ALL TOBACCO TYPES ...Air Pollution -see Specifics; Fungal Resistance; Nicotiana; Peronosporaceae; Temperature - Air; ...1.0353

DYNAMICS OF FUNGICIDAL ACTION ...Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Concentrates; Ethoxyquin; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pesticide Phytotoxicity; Pyrus Malus; Temperature - Air; ...4.0339

IMPROVEMENT OF OIL SEED CROPS THROUGH THE DEVELOPMENT OF SUPERIOR VARIETIES AND CULTURAL METHODS ...Fungal Resistance; Helianthus; Irrigation; Linaceae; Pesticide Application Rates; Planting Methods; ...4.0394

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Bioassay; Hordeum Vulgare; Myrothecium; Pesticide Evaluation; Phaseolus; Secale; Vegetables; ...4.0411

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Bacteria -nonspecific; Cladosporium; Herbicides -nonspecific; Mucor; Penicillium; Pesticide Toxicity to Microorg; Tobacco -cigarettes; Toxic Substances; ...4.0800

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Chloropicrin; Dichloropropene Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

THE CONTROL OF TOBACCO DISEASES BY CULTURAL PRACTICES AND CHEMICALS ...Dd; Fungal Resistance; Nematoda; Peronosporaceae; Phytophthora; ...4.1090

Aquatic Fungi -nonspecific

ROLE OF FUNGI & ALGAE IN FORMATION AND HYDROLYSIS OF LAKE ERIE SEDIMENTS ...Algae - Cyanophyta; Biological Cycles; Cellular Catabolism-see Degrad; Eutrophication; Lake Erie; Sediment Lithification; ...2.0301

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology -nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

THE MOLECULAR NATURE OF ORGANIC WASTE REMOVAL PATTERNS ...Activated Sludge; Bacterial Population Surveys; Organic Matter; Process Design; Total Organic Carbon; ...2.0817

THE EFFECTS OF HEATED WASTE WATERS UPON MICROBIAL COMMUNITIES ...Algae -nonspecific; Ecological Effects; Energy Conversion; Management (water); Protozoa; ...2.1743

Ascomycetes -nonspecific

NAVY ENVIRONMENT - BIODEGRADATION OF OIL POLLUTANTS BY YEAST AND YEAST LIKE FUNGI ...Cellular Catabolism-see Degrad; Marine Plants; Offshore Oil; Yeasts -nonspecific; ...3.0025

EFFECTS OF IRRADIATION ON LICHENS AND LICHEN-FORMING FUNGI AND ALGAE ...Algae -nonspecific; Algal Physiology; Cell Membrane Permeability; Radiation; Radiation Effects on Fungi; Symbiosis - Plants; ...5.0410

Aspergillus

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Alternaria; Bioassay; Hordeum Vulgare; Myrothecium; Pesticide Evaluation; Phaseolus; Secale; Vegetables; ...4.0411

SUPPRESSION OF MYCOFLORA AND MYCOTOXINS IN NEWLY COMBINED, PARTIALLY CURED PEANUTS ...Aerosols - Smokes, Fogs, Steam; Arachis; Fungicides -nonspecific; Pesticide Phytotoxicity; Sulfur Dioxide; ...4.0448

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Cladosporium; Herbicides -nonspecific; Mucor; Penicillium; Pesticide Toxicity to Microorg; Tobacco -cigarettes, Toxic Substances; ...4.0800

NUTRITION AND PROPAGATION OF THE ATTWATER'S PRAIRIE CHICKEN ...Captive Rearing; Endangered Species; Nematoda; Pathology; Pesticide Residues Removal; Protozoa; Tissue Accumulation Rates; ...4.0857

CAUSES OF ABORTIONS IN DAIRY CATTLE WITH PARTICULAR REFERENCE TO PESTICIDES AND MOLD TOXINS ...Domestic Animals; Gibberella; Nutrition; Pesticides -nonspecific; ...4.0917

Basidiomycetes

BIOLOGICAL INTERACTIONS WITH SYSTEMIC FUNGICIDES ...Fungi -nonspecific; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Action on Plants, Plant; Vitavax; ...4.0965

Botryosphaeria

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

DISEASES OF CULTIVATED BLUEBERRIES IN NORTH CAROLINA ...Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Nematoda; Pesticides -other; Temperature - Air; ...4.0428

Botrytis

PROCESSING OF WINE FOR PRODUCT IMPROVEMENT AND POLLUTION REDUCTION ...Plant Waste Removal, Treatment; Product Development Research; Sulfur Dioxide; Vitaceae; ...3.0015

FERMENTED FOOD PRODUCTS ...Food Contamination; Plant Waste Removal, Treatment; Product Development Research; Vitaceae; ...3.0036

FUNGICIDAL & FUNGISTATIC PROPERTIES OF ANTI-OXIDANTS AND RELATED COMPOUNDS ...Antioxidants -nonspecific; Dusts; Ornamentals; Pesticide Evaluation; Pesticides - other; Zea Mays - Field Corn; ...4.0310

NUTRITION AND ENVIRONMENT OF FLORAL CROPS ...Exotherm; Mineral Nutrition; Ornamentals; Pesticide Phytotoxicity; ...4.0357

Caldariomyces

EFFECT OF PESTICIDES ON ENZYMES ...Cellular Catabolism-see Degrad, DDT; Gel Chromatography; Parathion; ...4.1031

Candida

GENETICS OF CANDIDA ALBICANS - NUTRITIONAL MUTAGENESIS AND COMPARATIVE SUSCEPTIBILITY TO ULTRAVIOLET IRRADIATION ...Cellular Repair Mechanisms; Evolution; Hansenula; Physical Mutagenesis; Radiation; Taxonomy -plant; ...5.0335

Ceratocystis

SHADE TREE IMPROVEMENT THROUGH BREEDING AND SELECTION ...Air Pollution -see Specifics; Contamination - Soil; Ornamentals; Radioisotopes -nonspecific; Virus Resistance; ...1.0413

THE RECOVERY AND CHARACTERIZATION OF AGRICULTURAL CHEMICALS FROM SPENT PULP CHLORINATION LIQUORS ...Algacides -nonspecific; Insecticides -nonspecific; Penicillium; Phenols; Waste Material Recovery; ...4.0058

FUNGICIDAL & FUNGISTATIC PROPERTIES OF ANTI-OXIDANTS AND RELATED COMPOUNDS ...Antioxidants -nonspecific; Botrytis; Dusts; Ornamentals; Pesticide Evaluation; Pesticides -other; Zea Mays - Field Corn; ...4.0310

DUTCH ELM DISEASE ...Benlate; Biological Control; Fungal Resistance; Ornamentals; Pesticide Evaluation; Pesticide Residues; ...4.0358

Chaetomium

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Cladosporium; Herbicides -nonspecific; Mucor, Penicillium; Pesticide Toxicity to Microorg; Tobacco -cigarettes; Toxic Substances; ...4.0800

Cladosporium

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Effluents - Waste Water; Fumigants -nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Herbicides -nonspecific; Mucor; Penicillium; Pesticide Toxicity to Microorg; Tobacco -cigarettes; Toxic Substances; ...4.0800

RESIDUES AND BREAKDOWN PRODUCTS OF CHEMICAL FUNGICIDES IN PECAN NUTS ...Carbon Disulfide; Chemical Analysis; Dodine; Fruit, Nut, and Berry Crops; Zinc; ...4.1003

Colletotrichum

ACTION OF SELECTIVE CHEMICALS ON MICRO-ORGANISMS AND HIGHER PLANTS ...Capsicum; Nematoda; Pesticide Evaluation; Phaseolus; Temperature - Air; Vegetables; Xanthomonas; ...4.0255

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Alternaria; Bioassay; Hordeum Vulgare; Myrothecium; Pesticide Evaluation; Phaseolus; Secale; Vegetables; ...4.0411

EVALUATING NEW FUNGICIDES ...Capsicum; Disulfoton; Granules; Capsules; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Vegetables; ...4.0479

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Granules; Capsules; Insecticides - nonspecific; Nematocides -nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales; Verticillium; ...4.0480

Coryneum

DEVELOPMENT OF SYSTEMIC PESTICIDES WITH LOW PHYTO- AND MAMMALIAN-TOXICITY PROPERTIES ...Bioassay; Cts; Foliar Absorption; Pesticide Absorption Rates; Pesticide Phytotoxicity; Plant Absorption -other; Root Absorption; ...4.0302

Cryptosporella

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe, Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

Curvularia

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

Cylindrocarpon

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Euphorbiaceae; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0355

Cytospora

DEVELOPMENT OF SYSTEMIC PESTICIDES WITH LOW PHYTO- AND MAMMALIAN-TOXICITY PROPERTIES ...Bioassay; Cts; Foliar Absorption; Pesticide Absorption Rates; Pesticide Phytotoxicity; Plant Absorption -other; Root Absorption; ...4.0302

Diplodia

CHEMICAL CONTROL OF POST-HARVESTING FRUIT AND VEGETABLE DECAYS OCCURRING IN PACKING HOUSES ...Butylamine; Fruit, Nut, and Berry Crops; Liquids Or Sprays; Pesticide Application Rates; Pesticide Legal Aspects; ...4.0231

Endogone

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Competition Among Thallophytes; Gibberella; Gliotoxin; Nematocides -nonspecific; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Soil Microbiology; Viridin; ...4.0945

Erysiphe

INVESTIGATIONS OF CEREAL AND FORAGE CROP DISEASES AND THEIR CONTROL ...Avena Sativa; Pesticide Evaluation; Plantvax; Sorghum; Tilletia; Ustilaginales; ...4.0317

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

Fomes

BIOLOGY AND CONTROL OF DISEASES OF CONIFER FORESTS OF CALIFORNIA AND HARDWOOD FORESTS OF HAWAII ...Elevation Levels, Altitude; Forest Pathology; Fungal Resistance; Loranthaceae; Pinus Ponderosa; Smog; ...1.0308

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Helminthosporium; Pesticide Evaluation; Pythium; Rhizosphere; Soil Microbiology; Soil pH; ...4.0923

Fungal Pathogens -nonspecific

AIR-SPORA IN HAWAII ...Air Pollution -see Specifics; Atmospheric Dynamics; Fungi -nonspecific; Humidity - Water Vapor; Organic Compounds; Plant Pathogenetic Fungi; Pollens -see Air Pollution; Tropical Regions; Wind; ...1.0045

Fungi -nonspecific

AIR-SPORA IN HAWAII ...Air Pollution -see Specifics; Atmospheric Dynamics; Humidity - Water Vapor; Organic Compounds; Plant Pathogenetic Fungi; Pollens -see Air Pollution; Tropical Regions; Wind; ...1.0045

ATMOSPHERIC DUST AND MOLD SPORE STUDIES ...Air Pollution -see Specifics; Dust; Health & Geographic Factors; Mercury; North Dakota; Phosphorus and Phosphorus Cpds; ...1.0115

CHRONIC LUNG DISEASE IN NEW GUINEA POPULATIONS ...Air Pollution -see Specifics; Respiratory Disease; Rural Areas; ...1.0169

THE ULTRASTRUCTURE OF NORTH AMERICAN HEPPIACEAE ...Air Pollution -see Specifics; Algae -nonspecific; Bioindicators; Evolution; Lichenes, Symbiosis - Plants; ...1.0359

AIR POLLUTION EFFECTS ON POWDERY MILDEW FUNGI ...Air Pollution -see Specifics; Cell Injury and Autolysis; Environmental Factors; Pathological Physiology; Pollutant Resistance; Sulfur Dioxide; ...1.0380

CYANIDE METABOLISM BY MICROORGANISMS ...Aldehydes - nonspecific; Cellular Catabolism-see Degrad; Microorganisms - nonspecific; Water Pollution Sources; ...2.0231

MICROBIOLOGY OF ACID DRAINAGE FROM COAL MINES ...Acid Mine Drainage, Bacterial Population Surveys; Biological Control; Ferrobacillus; Heterotrophic Bacteria; Thiobacillus; ...2.0432

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Ionic Effect; Sewage; Water Pollution Sources; ...2.0434

MICROFUNGI IN THE WATER, LITTER AND MUD OF A CATTAIL MARSH BORDERING LAKE BUTTE DES MORTS ...Bottom Sampling; Fungal Pollutant Sources; Lower Plants; Swamps - Marshes; Water Pollution Abatement; Wisconsin; ...2.1139

VOLUME REDUCTION AND STABILIZATION OF WASTES FROM SWINE ...Animal Wastes - Feed Lots; Bacteria -nonspecific; Biochemical Oxygen Demand; Farm Animal Wastes; Landfill; Nitrogen and Nitrogen Cpds.; Waste Disposal on Soils; ...3.0216

POULTRY WASTE HANDLING SYSTEM DESIGN ...Farm Animal Wastes; Feces; Humidity; Landfills -see Water Pollution; Temperature Instruments; Waste Type; ...3.0236

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific; Calorimetry; Degradation; Industrial Wastes; Photolysis; Pulp and Paper Wastes; Thin Layer Chromatography; Waste Water Degradation; ...3.0284

UTILIZATION OF CELLULOSE AND RELATED COMPOUNDS AS NUTRIENTS ...Bacteria -nonspecific; Cellular Catabolism-see Degrad; Plant Waste Removal, Treatment; Trichoderma; ...3.0330

USE OF SEWAGE TO PRODUCE ALGAE FOR LIVESTOCK FEED ...Algae - Chlorophyta; Algae - Cyanophyta; Algal Physiology; Plant Waste Removal, Treatment; Sewage Bacteria; ...3.0369

EVALUATION OF DEHULLED SOYBEAN GRITS FROM UNITED STATES VARIETIES FOR MAKING MISO ...Foreign Agriculture; Glycine; Japan; Plant Waste Removal, Treatment; ...3.0372

ACTION MECHANISMS OF INSECTICIDAL DERIVATIVES ...Animal; Carbamates -nonspecific; DDT; Muridae; Pesticide Action on Animals; Physiological Resistance; ...4.0915

BIOLOGICAL INTERACTIONS WITH SYSTEMIC FUNGICIDES ...Basidiomycetes; Herbicides and Other Chem; Microorganisms - nonspecific; Pesticide Action on Plants; Plant; Vitavax; ...4.0965

RADIATION EFFECTS ON DIFFERENTIATION AND TISSUE CONTROL ...Bacteria -nonspecific; Cell Injury and Autolysis; Invertebrates; Physical Mutagenesis; Radiation Carcinogenesis; Radiation, Low Level; X and Gamma Rays; ...5.0138

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Bacteria -nonspecific; Cell Injury and Autolysis; Gases; Microorganisms; Plants; Radiation; Temperature; X and Gamma Rays; ...5.0677

Fungi Imperfecti

PILOT PLANT INSTALLATION FOR USE OF FUNGI IMPERFECTI ON VEGETABLE WASTES ...Aeration (water); Food Processing Industries; Minnesota; Pilot Plants; Waste Water Treatment -general; ...2.1309

EFFECT OF PESTICIDES ON ENZYMES ...Caldariomyces; Cellular Catabolism-see Degrad; DDT; Gel Chromatography; Parathion; ...4.1031

Fusarium

FOREST TREE IMPROVEMENT THROUGH SELECTION AND BREEDING ...Abies; Air Pollution -see Specifics; Forest Pathology; Juglans; Magnoliaceae; Pinus Nigra; Populus; ...1.0414

VEGETABLE CROPS IMPROVEMENT THROUGH BREEDING ...Allium; Daucus Species; Phosphorus and Phosphorus Cpds; Vegetables; ...1.0435

INTERACTIONS OF SOIL MICROORGANISMS AND HERBICIDES ...Cellular Catabolism-see Degrad; Diquat; Paraquat; Rhizoctonia; Soil Microbiology; Trifluralin; ...4.0077

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Toxicity to Microorg; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

INFLUENCE OF SELECTED HERBICIDES ON THE NATURAL PROCESSES OF SOIL MICROORGANISMS ...Atrazine; Loam - see Soil Types; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil Microbiology; ...4.0080

MICROBIOLOGY AND BIOCHEMISTRY OF PESTICIDES IN SOIL ...Actinomycetes -nonspecific; Azobenzene; Cipc; Pesticide Degradation -see Deg; Propanil; Soil Microbiology; ...4.0117

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Carbon; Chemical Analysis; Growth Substances; Metabolism of Algacides; Pesticide Degradation -see Deg; Plant Growth Regulators -ns.; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

PESTICIDE DETOXICATION MECHANISMS OF MICROORGANISMS IN SOIL AND WATER ...Bacterial Identification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Maloran; Pesticide Degradation -see Deg; Sevin; Soil Fungi -nonspecific; Soil Microbiology; ...4.0166

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; Water Quality -general; ...4.0192

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

CONTROLS FOR MAJOR COTTON DISEASES IN SOUTHEASTERN U. S. INCLUDING RESISTANCE ...Fungal Resistance; Herbicides -nonspecific; Nematode Resistance; Pesticide Phytotoxicity; Verticillium; ...4.0208

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Residues; Pyrazon; Soil Microbiology; Soil Temp. -non-specific; ...4.0248

PRELIMINARY EXPLORATORY RESEARCH AT THE SOUTH FLORIDA FIELD LABORATORY ...Citrullus; Fruit, Nut, and Berry Crops; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; Pinolene; Vegetables; ...4.0273

CHEMICAL CONTROL OF SOIL FUNGI, NEMATODES, AND WEEDS AFFECTING WATERMELONS ...Citrullus; Fumigants - nonspecific; Nematoda; Pesticide Evaluation; Pesticides -other; Pythium; Soil Fungi -nonspecific; ...4.0280

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Euphorbiaceae; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0355

CONTROL OF POTATO PESTS ...Captan; Difolatan; Fore; Pesticide Application Rates; Pesticide Phytotoxicity; Residues in Foods; Solanum; Vegetables; ...4.0396

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Forturf; Morven; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Fomes; Helminthosporium; Pesticide Evaluation; Pythium; Rhizosphere; Soil Microbiology; Soil pH; ...4.0923

Geotrichum

CONTROL OF GEOTRICHUM CANDIDUM IN BIOLOGICAL WASTE TREATMENT ...Carbon; Coagulation; Fungal Pollutant Sources; Sewage Lagoons; Waste Water Treatment -general; Zinc; ...2.1410

ISOLATION OF LYTIC AGENTS RELATED TO SPHAEROTILUS ...Activated Sludge; Bacillus Cereus; Cell Injury and Autolysis; Sewage; Sewage Bacteria; Sphaerotilus; ...3.0334

EFFECT OF PROCESSING PROCEDURE ON MILK PESTICIDE RESIDUES WITH EMPHASIS ON RESIDUE REMOVAL ...Brevibacterium Sp; Cellular Catabolism-see Degrad; DDE; DDT; Microorganism-see Cell. Catab.; Pesticide Residues Removal; Residues in Foods; ...4.0769

Gibberella

CAUSES OF ABORTIONS IN DAIRY CATTLE WITH PARTICULAR REFERENCE TO PESTICIDES AND MOLD TOXINS ...Aspergillus; Domestic Animals; Nutrition; Pesticides -nonspecific; ...4.0917

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Competition Among Thallophytes; Gliotoxin; Nematocides -nonspecific; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Soil Microbiology; Viridin; ...4.0945

Gliocladium

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Competition Among

Thallophytes; Gibberella; Gliotoxin; Nematocides -nonspecific; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Soil Microbiology; Viridin; ...4.0945

Gloeosporium

DISEASES OF CULTIVATED BLUEBERRIES IN NORTH CAROLINA ...Botryosphaeria; Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Nematoda; Pesticides -other; Temperature - Air; ...4.0428

Glomerella

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

Guignardia

CRANBERRY DISEASES AND THEIR CONTROL ...Benlate; Ferbam; Maneb; Pesticide Application Rates; Pesticide Phytotoxicity; Swamps - Marshes; ...4.0402

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

Gymnosporangium

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

Hansenula

GENETICS OF CANDIDA ALBICANS - NUTRITIONAL MUTAGENESIS AND COMPARATIVE SUSCEPTIBILITY TO ULTRAVIOLET IRRADIATION ...Candida; Cellular Repair Mechanisms; Evolution; Physical Mutagenesis, Radiation; Taxonomy -plant; ...5.0335

Helminthosporium

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Toxicity to Microorg; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

SEASONAL OCCURRENCE AND CONTROL OF THE CORN EARWORM IN THE VALLEY ...Animal Life History Studies; Economics of Chemical Control; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics -general; Vegetables; ...4.0406

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Fomes; Pesticide Evaluation; Pythium; Rhizosphere; Soil Microbiology; Soil pH; ...4.0923

A CYTOLOGICAL STUDY OF RADIATION INDUCED ALTERATIONS IN CYTOPLASMIC FACTORS CONTROLLING MALE STERILITY IN CORN ...Crotalaria; Plants; Solanaceae; X and Gamma Rays; ...5.0245

Histoplasma

BIOLOGICALLY ORIENTED ORGANIC SULFUR CHEMISTRY ...Muridae; Sulfhydryl Compounds; ...5.0921

Hormodendrum

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

Lenzites

THE RECOVERY AND CHARACTERIZATION OF AGRICULTURAL CHEMICALS FROM SPENT PULP CHLORINATION LIQUORS ...Algacides -nonspecific; Ceratocystis; Insecticides -nonspecific; Penicillium; Phenols; Waste Material Recovery; ...4.0058

ACTION MECHANISMS OF INSECTICIDAL DERIVATIVES ...Animal; Carbamates -nonspecific; DDT; Fungi -nonspecific; Muridae; Pesticide Action on Animals; Physiological Resistance; ...4.0915

Leptosphaeria

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

Lophodermium

LOPHODERMIUM NEEDLE CAST DISEASE AND OZONE DAMAGE ON WHITE PINES ...Forest Pathology; Gases; Humidity; Pinus Strobus; ...1.0356

FERTILITY OF FOREST NURSERY SOILS ...Aluminum; Cold Resistance; Forest Pathology; Maneb; Pesticide Phytotoxicity; Plant Residues, Humus, Compost; Soil Cover Crops; ...4.0517

Marine Fungi -nonspecific

BIODEGRADATION OF OIL SLICKS IN THE MARINE ENVIRONMENT ...Actinomycetes -nonspecific; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Marine Bacteria; Oil; Petroleum Wastes - Spillage; ...2.0248

Mucor

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Cladosporium; Herbicides -nonspecific; Penicillium; Pesticide Toxicity to Microorg; Tobacco - cigarettes; Toxic Substances; ...4.0800

Mycorrhiza

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganism-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

Myrothecium

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Alternaria; Bioassay; Hordeum Vulgare; Pesticide Evaluation; Phaseolus; Secale; Vegetables; ...4.0411

Myxomycetes

TRANSCRIPTION OF RNA & TRANSLATION OF ENZYMES DURING MITOTIC CYCLE OF PHYSARUM POLYCEPHALUM & RADIATION EFFECTS (ABBREV) ...Cell Injury and Autolysis; Cellular Biosynthesis; Microorganisms; Radiation; Radiation Effects on Fungi; X and Gamma Rays; ...5.0565

GAMMA RAY EFFECTS ON DICTYOSTELIUM DISCOIDEUM ...Cellular Biosynthesis; Cellular Model Systems; Microorganisms; X and Gamma Rays; ...5.0594

Pellicularia

EFFECT OF PCNB ON PALATABILITY AND COMPOSITION OF POTATOES ...Home Economics; Pesticide Organoleptic Prop.; Phenols; Solanum; Terrachlor; Vegetables; ...4.0342

Penicillium

SOIL PRODUCTIVITY AS AFFECTED BY MICROBIAL ACTIVITY IN CROP RESIDUES AND ANIMAL WASTES ...Bioindicators; Patulin; Plant Residues, Humus, Compost; Soil Chemical Properties; Soil Microbiology; Soil Temp. -non-specific; Stubble Mulching; Triticum; ...3.0389

THE RECOVERY AND CHARACTERIZATION OF AGRICULTURAL CHEMICALS FROM SPENT PULP CHLORINATION LIQUORS ...Algacides -nonspecific; Ceratocystis; Insecticides -nonspecific; Phenols; Waste Material Recovery; ...4.0058

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Graminese -other; Hormodendrum; Microorganism-see Cell. Catab.; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

CHEMICAL CONTROL OF POST-HARVESTING FRUIT AND VEGETABLE DECAYS OCCURRING IN PACKING HOUSES ...Butylamine; Diplodia; Fruit, Nut, and Berry Crops; Liquids Or Sprays; Pesticide Application Rates; Pesticide Legal Aspects; ...4.0231

CHEMICAL CONTROL OF SOIL FUNGI, NEMATODES, AND WEEDS AFFECTING WATERMELONS ...Citrullus; Fumigants - nonspecific; Nematoda; Pesticide Evaluation; Pesticides -other; Pythium; Soil Fungi -nonspecific; ...4.0280

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Alternaria; Concentrates; Ethoxyquin; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pesticide Phytotoxicity; Pyrus Malus; Temperature - Air; ...4.0339

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Cladosporium; Herbicides -nonspecific; Mucor; Pesticide Toxicity to Microorg; Tobacco - cigarettes; Toxic Substances; ...4.0800

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Benlate; Chenopodiaceae; Ethrel; Pesticide Residues Removal; Respiration; TBZ; ...4.1047

Peronosporaceae

BREEDING, GENETICS AND DISEASE CONTROL OF ALL TOBACCO TYPES ...Air Pollution -see Specifics; Fungal Resistance; Nicotiana; Temperature - Air; ...1.0353

THE CONTROL OF TOBACCO DISEASES BY CULTURAL PRACTICES AND CHEMICALS ...Alternaria; Dd; Fungal Resistance; Nematoda; Phytophthora; ...4.1090

Phoma

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Alternaria; Bioassay; Hordeum Vulgare; Myrothecium; Pesticide Evaluation; Phaseolus; Secale; Vegetables; ...4.0411

Phymatotrichum

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

Phytophthora

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

PRODUCTION AND QUALITY OF APPLES IN HIGH DENSITY PLANTINGS USING DWARFING ROOTSTOCKS ...B9; Fruit, Nut, and Berry Crops; Irrigation; Pathological Physiology; Pesticide Phytotoxicity; Pyrus Malus; ...4.0250

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Devon; Euphorbiaceae; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0355

DISEASES OF CULTIVATED BLUEBERRIES IN NORTH CAROLINA ...Botryosphaeria; Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Nematoda; Pesticides -other; Temperature - Air; ...4.0428

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Fungal Resistance; Nematoda, Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates, Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

THE CONTROL OF TOBACCO DISEASES BY CULTURAL PRACTICES AND CHEMICALS ...Alternaria; Dd; Fungal Resistance; Nematoda; Peronosporaceae; ...4.1090

Pichia

GENETICS OF CANDIDA ALBICANS - NUTRITIONAL MUTAGENESIS AND COMPARATIVE SUSCEPTIBILITY TO ULTRAVIOLET IRRADIATION ...Candida; Cellular Repair Mechanisms; Evolution; Hansenula; Physical Mutagenesis; Radiation; Taxonomy -plant; ...5.0335

Plant Pathogenetic Fungi

AIR-SPORA IN HAWAII ...Air Pollution -see Specifics; Atmospheric Dynamics; Fungi -nonspecific; Humidity - Water Vapor; Organic Compounds; Pollens -see Air Pollution; Tropical Regions; Wind; ...1.0045

ATMOSPHERIC IONS AND THE INFECTION PROCESS OF FUNGI ...Air Pollution; Environmental Factors; Ionic Effect; Particulates - Air Pollution; Plant Pathology - Env. Relat.; ...1.0362

PLANT DISEASE SURVEY ...Air Pollution -see Specifics; Corynebacteria -nonspecific; Fruit, Nut, and Berry Crops; Pyrus Malus; Triticum; ...1.0426

INFLUENCE OF SELECTED HERBICIDES ON THE NATURAL PROCESSES OF SOIL MICROORGANISMS ...Atrazine; Loam - see Soil Types; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil Microbiology; ...4.0080

FATE AND EFFICACY OF SOIL FUNGICIDES ...Fungicides -nonspecific; Pesticide Degradation -see Deg; Soil Fungi -nonspecific; ...4.0089

PRELIMINARY EXPLORATORY CITRUS RESEARCH AT CITRUS EXPERIMENT STATION ...Aliphatic Carbamates; Fruit, Nut, and Berry Crops; Literature Search; Pesticide Formulation; Pesticide Residues; Soil Depth; ...4.0096

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

SOIL FUMIGANT CHEMICALS AND THEIR EFFECTS ON SOIL MICROFLORA ...Bacteria -nonspecific; Nematoda; Pesticide Phytotoxicity; Soil Depth; Soil Microbiology; Soil Moisture; ...4.0107

STAND ESTABLISHMENT AND SEEDLING DISEASE CONTROL ...Chloroneb; Gossypium; Growth; Pesticide Evaluation; Planting Methods; Temperature - Air; ...4.0384

SURVEY OF NEW COMPOUNDS AND MIXTURES FOR BIOLOGICAL ACTIVITY ...Acer Species; Concentrates; Liquids Or Sprays; Pesticide Evaluation; Pesticide Safety Measures; Pyrethrum; Sbp 1382; ...4.0397

SUPPRESSION OF MYCOFLORA AND MYCOTOXINS IN NEWLY COMBINED, PARTIALLY CURED PEANUTS ...Aerosols - Smokes, Fogs, Steam; Arachis; Fungicides -nonspecific; Pesticide Phytotoxicity; Sulfur Dioxide; ...4.0448

FUNGITOXICITY AND PHYTOTOXICITY OF PLANT DISEASE CONTROL CHEMICALS ...Fungicides -nonspecific, Herbicides and Other Chem; Pesticide Phytotoxicity; Pesticide Rates - general; Plant Phenology; ...4.0478

Plasmopara

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Sulfur; Vitaceae; ...4.0409

Puccinia

INVESTIGATIONS OF CEREAL AND FORAGE CROP DISEASES AND THEIR CONTROL ...Avena Sativa; Erysiphe; Pesticide Evaluation; Plantvax; Sorghum; Tilletia; Ustilaginales; ...4.0317

Pythium

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Toxicity to Microorg; Sclerotinia; Soil Microbiology; ...4.0078

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

CHEMICAL CONTROL OF SOIL FUNGI, NEMATODES, AND WEEDS AFFECTING WATERMELONS ...Citrullus; Fumigants - nonspecific; Nematoda; Pesticide Evaluation; Pesticides -other; Soil Fungi -nonspecific; ...4.0280

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Euphorbiaceae; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0355

THE DISEASES OF TURFGRASSES AND THEIR CONTROL ...Agrostis; Cynodon; Pesticide Phytotoxicity; PMA; TBZ; Thiram; ...4.0449

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Fomes; Helminthosporium; Pesticide Evaluation; Rhizosphere; Soil Microbiology; Soil pH; ...4.0923

Rhizoctonia

INTERACTIONS OF SOIL MICROORGANISMS AND HERBICIDES ...Cellular Catabolism-see Degrad; Diquat; Paraquat; Soil Microbiology; Trifluralin; ...4.0077

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Toxicity to Microorg; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Soil pH; Thielaviopsis; Verticillium; ...4.0212

SUGAR BEET DISEASES ...Amaranthaceae; Cycloate; Pesticide Evaluation; Pesticide Interaction -gen.; Pyrazon; Tillam; ...4.0245

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Residues; Pyrazon; Soil Microbiology; Soil Temp. -non-specific; ...4.0248

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

CHEMICAL CONTROL OF SOIL FUNGI, NEMATODES, AND WEEDS AFFECTING WATERMELONS ...Citrullus; Fumigants - nonspecific; Nematoda; Pesticide Evaluation; Pesticides -other; Pythium; Soil Fungi -nonspecific; ...4.0280

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Euphorbiaceae; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Thielaviopsis; Verticillium; ...4.0355

STAND ESTABLISHMENT AND SEEDLING DISEASE CONTROL ...Chloroneb; Gossypium; Growth; Pesticide Evaluation; Plant Pathogenetic Fungi; Planting Methods; Temperature - Air; ...4.0384

CONTROL OF POTATO PESTS ...Captan; Difolatan; Fore; Fusarium; Pesticide Application Rates; Pesticide Phytotoxicity; Residues in Foods; Solanum; Vegetables; ...4.0396

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Fomes; Helminthosporium; Pesticide Evaluation; Pythium; Rhizosphere; Soil Microbiology; Soil pH; ...4.0923

Sclerotinia

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Toxicity to Microorg; Pythium; Soil Microbiology; ...4.0078

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Solanum; TCA; ...4.1074

Sclerotium

INTERACTIONS OF SOIL MICROORGANISMS AND HERBICIDES ...Cellular Catabolism-see Degrad; Diquat; Paraquat; Rhizoctonia; Soil Microbiology; Trifluralin; ...4.0077

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Toxicity to Microorg; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Methyl Bromide; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Fomes; Helminthosporium; Pesticide Evaluation; Pythium; Rhizosphere; Soil Microbiology; Soil pH; ...4.0923

Septoria

NON-TOXIC OIL SPRAYS TO CONTROL LEAF DISEASES OF CROPS ...Chenopodiaceae; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; ...4.0367

Soil Fungi -nonspecific

EFFECT OF AIR POLLUTION - MICROBES IN VIVO AND IN VITRO ...Air Pollution -see Specifics; Cellular Viability; Microorganisms -nonspecific; Sulfur Dioxide; ...1.0379

MYCOLOGICAL PHENOMENA IN SEWAGE SPREADING BASINS ...Activated; Cellular Catabolism-see Degrad; Environmental Factors; Sewage; Soil Bacteria; Soil Microbiology; Waste Disposal on Soils; ...2.1195

EFFECTS OF GARBAGE COMPOST ON SOIL AND CROP PRODUCTION ...Avena Sativa; Plant Waste Removal, Treatment; Soil - Crop Relationships; Soil Chemical Properties; Soil Microbiology; Soil pH; Waste Disposal on Soils; ...3.0003

FATE AND EFFICACY OF SOIL FUNGICIDES ...Fungicides -nonspecific; Pesticide Degradation -see Deg; Plant Pathogenetic Fungi; ...4.0089

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Nematoda; Pesticide Movement in Soils; Soil Chemical Properties; Soil Microbiology; ...4.0095

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

SOIL FUMIGANT CHEMICALS AND THEIR EFFECTS ON SOIL MICROFLORA ...Bacteria -nonspecific; Nematoda; Pesticide Phytotoxicity; Plant Pathogenetic Fungi; Soil Depth; Soil Microbiology; Soil Moisture; ...4.0107

THE INTERACTION OF MICROORGANISMS AND PESTICIDES ...Cellular Catabolism-see Degrad; Fungicides -nonspecific; Herbicides -nonspecific; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg; Pesticide Interaction -gen.; Soil Microbiology; ...4.0140

PESTICIDE DETOXICATION MECHANISMS OF MICROORGANISMS IN SOIL AND WATER ...Bacterial Identification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Maloran; Pesticide Degradation -see Deg; Sevin; Soil Microbiology; ...4.0166

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil

Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Microbiology; Soil pH; Soil Types - also See Specifics; Zineb; ...4.0169

SOIL AND PLANT INTERACTIONS WITH PESTICIDES ...Cellular Catabolism-see Degrad; Herbicides and Other Chem; Pesticide Action on Plants; Plant; ...4.0200

FACTORS AFFECTING THE TOXICITY AND SELECTIVITY OF PRE-EMERGENCE SOIL HERBICIDES ...Anaerobic Bacteria; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Pesticide Residues Removal; Pyrazon; Soil Types -also See Specifics; ...4.0247

CHEMICAL CONTROL OF SOIL FUNGI, NEMATODES, AND WEEDS AFFECTING WATERMELONS ...Citrullus; Fumigants - nonspecific; Nematoda; Pesticide Evaluation; Pesticides -other; Pythium; ...4.0280

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Contamination - Soil; Dalapon; Nitrification; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Pseudomonas; Soil Microbiology; ...4.0330

Sphacelotheca

INVESTIGATIONS OF CEREAL AND FORAGE CROP DISEASES AND THEIR CONTROL ...Avena Sativa; Erysiphe; Pesticide Evaluation; Plantvax; Sorghum; Tilletia; Ustilaginales; ...4.0317

Thielaviopsis

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Verticillium; ...4.0212

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Euphorbiaceae; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia; Verticillium; ...4.0355

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis, Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; ...4.1088

Tilletia

INVESTIGATIONS OF CEREAL AND FORAGE CROP DISEASES AND THEIR CONTROL ...Avena Sativa; Erysiphe; Pesticide Evaluation; Plantvax; Sorghum; Ustilaginales; ...4.0317

EVALUATION OF CHEMICAL FORMULATIONS AND ENERGY PROCESSES AS SEED TREATMENTS OF MAJOR CROP PLANTS ...Avena Sativa; Metal Organics -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Temperature - Air; Triticum; Vitavax; ...4.0410

Trichoderma

UTILIZATION OF CELLULOSE AND RELATED COMPOUNDS AS NUTRIENTS ...Bacteria -nonspecific; Cellular Catabolism-see Degrad; Fungi -nonspecific; Plant Waste Removal, Treatment; ...3.0330

INTERACTIONS OF SOIL MICROORGANISMS AND HERBICIDES ...Cellular Catabolism-see Degrad; Diquat; Paraquat; Rhizoctonia; Soil Microbiology; Trifluralin; ...4.0077

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

ANTIMICROBIAL ACTION OF BIPHENYL AND DERIVATIVES ON CITRUS SPOILAGE ORGANISMS ...Citrus; Diphenyl; Foreign Agriculture; Fruit, Nut, and Berry Crops; Pesticide Phytotoxicity; ...4.0296

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Fomes; Helminthosporium; Pesticide Evaluation; Pythium; Rhizosphere; Soil Microbiology; Soil pH; ...4.0923

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Competition Among Thallophytes; Gibberella; Gliotoxin; Nematocides -nonspecific; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Soil Microbiology; Viridin; ...4.0945

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganism-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

Trichophyton

FOLLOW-UP STUDY OF IRRADIATED TINEA CAPITIS CASES ...Injury and Shock; Radiation Carcinogenesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0487

Uromyces

ACTION OF SELECTIVE CHEMICALS ON MICRO-ORGANISMS AND HIGHER PLANTS ...Capsicum; Nematoda; Pesticide Evaluation; Phaseolus; Temperature - Air; Vegetables; Xanthomonas; ...4.0255

Ustilaginales

INVESTIGATIONS OF CEREAL AND FORAGE CROP DISEASES AND THEIR CONTROL ...Avena Sativa; Erysiphe; Pesticide Evaluation; Plantvax; Sorghum; Tilletia; ...4.0317

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Granules, Capsules; Insecticides - nonspecific; Nematocides -nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Verticillium; ...4.0480

Venturia

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts; Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

Verticillium

PRODUCTION PRACTICES FOR FRUITS ...Air Pollution -see Specifics; Cold Resistance; Fruit, Nut, and Berry Crops; Indiana; Prunus Persica; Temperature - Air; ...1.0054

CONTROLS FOR MAJOR COTTON DISEASES IN SOUTHEASTERN U. S. INCLUDING RESISTANCE ...Fungal Resistance; Fusarium; Herbicides -nonspecific; Nematode Resistance; Pesticide Phytotoxicity; ...4.0208

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; ...4.0212

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Benlate; Fungal Physiology; Granules, Capsules; Irrigation; Pesticide Phytotoxicity; Plant Population Dynamics -gen; Thimet; Western U. S.; ...4.0243

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Euphorbiaceae; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia; Thielaviopsis; ...4.0355

INVESTIGATIONS OF MINT DISEASES ...Benlate; Fumigants - nonspecific; Labiatae; Pesticide Evaluation; Solanum; ...4.0389

IMPROVEMENT OF YIELD AND QUALITY OF HOPS ...Fruit, Nut, and Berry Crops; Fungal Resistance; Moraceae; Pesticide Evaluation; Pesticide Residues; Storage Changes; Thimet; ...4.0454

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Granules, Capsules; Insecticides - nonspecific; Nematocides -nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales; ...4.0480

Yeasts -nonspecific

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellu-

lar Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Ionic Effect; Sewage; Water Pollution Sources; ...2.0434

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

THE IMPACT OF MICROORGANISMS ON OIL ...Bacterial Ecology; Biological Effects; Degradation -see Pesticide Deg; Food Contamination; Louisiana; Ostreidae (oyster); Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0603

ECOLOGY OF YEASTS IN LAKE CHAMPLAIN ...Acidity (water); Bioindicators; New York; Plant Freshwater Ecology; Temperature (water); Water Pollutant Identification; ...2.0700

BIOLOGICAL EFFECTS OF HEAVY METAL POLLUTION ...Alaska; Biological Effects; Chelation & Complexing; Microorganisms -nonspecific; ...3.1475

NAVY ENVIRONMENT - BIODEGRADATION OF OIL POLLUTANTS BY YEAST AND YEAST LIKE FUNGI ...Ascomycetes - nonspecific; Cellular Catabolism-see Degrad; Marine Plants; Offshore Oil; ...3.0025

PHYSICAL AND CHEMICAL CHARACTERISTICS AND STABILITY OF CUCUMBER PRODUCTS ...Chlorine; Lactobacillus Sp; Plant Waste Removal, Treatment; ...3.0253

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

DISPOSITION OF PESTICIDES IN THE SOIL ...Avena Sativa; Granules, Capsules; Medicago; Plant Residues, Humus, Compost; Soil Microbiology; ...4.0178

THE RELATIONSHIP OF INSECTS TO THE LEAFROLL VIRUS DISEASE OF POTATO ...Aliphatic Carbamates; Biological Control; Granules, Capsules; Pesticide Application Rates; Pesticide Phytotoxicity; Vegetables; ...4.0300

EFFECTS OF PESTICIDES ON PROTEIN, CARBOHYDRATE, AND NUCLEIC ACID METABOLISM. INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Bacteria - nonspecific; Cellular Biosynthesis; Microorganism-see Cell. Catab.; Pesticide Action on Animals; Pesticides -nonspecific; ...4.0961

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING STONE FRUITS ...Arachnida; Baygon; Liquids Or Sprays; Pesticide Evaluation; Petroleum Cpds. -nonspecific; Rosaceae; ...4.1128

GENETICS OF CANDIDA ALBICANS - NUTRITIONAL MUTAGENESIS AND COMPARATIVE SUSCEPTIBILITY TO ULTRAVIOLET IRRADIATION ...Candida; Cellular Repair Mechanisms; Evolution; Hansenula; Physical Mutagenesis; Radiation; Taxonomy -plant; ...5.0335

A GENETIC, CYTOLOGICAL AND BIOCHEMICAL STUDY OF CELL CYCLE DEPENDENT CHANGES IN RADIATION SENSITIVITY IN YEAST ...Radiation; Radiation Effects on Fungi; Radiation Resistance; Radiation Sensitivity -man; ...5.0476

PHOTOREPAIR OF UV DAMAGE TO DNA - PURIFICATION & PROPERTIES OF THE DNA-PYRIMIDINE DIMER PHOTOMONOMERASE (ABBREV) ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cyanides; Photochromism, Plants; Radiation Injury Prevention; ...5.0685

RADIOSENSITIVITY OF GENETIC STRUCTURES AND MOLECULAR BASIS OF RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIATIONS OF DIFFERENT QUALITIES ...Bacteria -nonspecific; Cell Injury and Autolysis; Physical Mutagenesis; Radiation; Radiation Chemistry -biophys.; Radiation Sensitivity -man; ...5.0712

REPAIR MECHANISMS AND VARIATIONS IN RADIOSENSITIVITY WITHIN THE GENERATION CYCLE OF YEAST CELLS ...Cellular Repair Mechanisms; Microorganisms; Radiation Sensitivity -man; ...5.0715

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Ionizing Radiation - see Rad.; Microorganisms; Protons; Radiation -see Specifics; Radioactive Isotopes; X and Gamma Rays; ...5.0775

DEPTH DOSE PARAMETERS FOR FAST NEUTRONS IN TISSUE ...Cancer; Dosimetry; Fast Neutrons; Mammals -nonspecific; Neutron -see Radiation; Radiation Injury Prevention; ...5.0797

Furnace and Incinerator Design

PLUME RISE STUDIES ...Smoke -see Air Pollution; ...1.0047

RESEARCH INITIATION - DISPERSION OF POLLUTANTS FROM TALL CHIMNEYS. ...Air Pollution-chemistry; Combustion; Diffusion; Energy Conversion; ...1.0053

EVALUATION - CAVEN POINT OPEN PIT INCINERATOR ...Incinerators; ...1.0102

TVA PLUME STUDIES ...Air Pollution-chemistry; Combustion; Particulates - Air Pollution; Power Plants; ...1.0141

PENNSYLVANIA POWER PLANT STUDY ...Air Pollution-chemistry; Farm Pond, Industrial Pollution -general; Lead; Pinus Strobus; Power Plants -see Specifics; Sulfur Dioxide; Wind -see Air Motion; ...1.0407

CAVEN POINT INCINERATOR EVALUATION ...Air Pollution Monitoring; Furnaces; Legal Studies-general; Particulate Matter - Air Poll.; Particulates - Air Pollution; ...1.0501

DETERMINATION OF MASS FLOW AND CONCENTRATION OF SUSPENSIONS ...Air Pollution-chemistry; Chemical Analysis -general; Coal Research; Combustion; Dust; Electrostatic; Fuels; ...1.0554

CRITERIA FOR DESIGN AND CONTROL OF INCINERATORS ...Incineration; ...1.0566

SCRUBBING OF REFUSE INCINERATOR EMISSION GASES ...Exhaust, Combustion -see Auto; Furnaces; Incineration; Particulate Matter - Air Poll.; Scrubbers; ...1.0584

FILTRATION OF AEROSOLS BY GRANULAR BEDS ...Additives; Air Cleaning Devices; Combustion; Energy Conversion; ...1.0595

AQCR ASSISTANCE - EMERGENCY EPISODE PROCEDURES ...Combustion; Exhaust, Combustion -see Auto; Fuels; Safety -see Farm Safety; ...1.0618

VORTEX INCINERATION OF COMBUSTIBLE WASTES ...Incineration; Smoke -see Air Pollution; ...1.0634

USE OF ELECTRIC FIELDS IN COMBUSTION ...Air Pollution-chemistry; Combustion; Electric Field; Furnaces; Incineration; Nitrogen and Nitrogen Cpds.; Pilot Plants; ...1.0638

PILOT PLANT STUDY OF AMMONIA SCRUBBING OF POWER PLANT STACK GASES ...Chemical Mechanisms & Kinetics; Combustion; Pilot Plants; Power Plants -see Specifics; Scrubbers; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0647

AIR POLLUTION CONTROL FLUIDIZED VORTEX INCINERATION ...Burners; Furnaces; ...1.0652

RESEARCH ON THE REMOVAL OF NOXIOUS COMPOUNDS FROM WASTE GASES; STUDY OF POLLUTION FROM MOTOR VEHICLE EXHAUST ...Air Cleaning Devices; Engine; Engines, Urban Research -general; ...1.0654

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Combustion; Packed Bed Reactor; Process Waste Recovery; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0661

START OF FIELD STUDY OF IR EMISSION SPECTRA FROM SO2 IN POWER PLANT PLUMES ...Air Pollution-chemistry; Exhaust, Combustion -see Auto; Gases; Infrared Spectroscopy; Power Plants -see Specifics; ...1.0752

AN INTEGRATED SYSTEM FOR SAMPLING STACK EMISSIONS ...Air Pollution Analysis; Air Pollution Monitoring; Air Pollution Sampling; Combustion; Combustion Air Pollution-gen; Dust; Fluid Mechanics; ...1.0858

DISPERSION OF AIR POLLUTANTS ...Air Pollution -see Specifics; Fluid Mechanics; Meteorological Factors; ...1.0892

Furnaces and Incinerators

TESTING OF CONVENTIONAL AND EXPERIMENTAL OIL AND GAS BURNERS ...Air Pollution-chemistry; Boilers; Burners; Fuels; Heating Units; Nitrogen and Nitrogen Cpds.; Photography; ...1.0096

PILOT PLANT COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Air Pollution-chemistry; Combustion; Energy Conversion; Lignite; Pilot Plants; ...1.0116

SYSTEMS STUDY OF NITROGEN OXIDES CONTROL METHODS FOR STATIONARY SOURCES ...Air Pollution-chemistry; Energy Storage -general; Nitrogen and Nitrogen Cpds.; ...1.0588

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Energy Conversion; Petroleum Research; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0632

ATOMIC ABSORPTION SPECTROSCOPY WITH A HIGH TEMPERATURE FURNACE ...Air Pollution Monitoring; Atomic Absorption; Clouds - Precipitation; Montana; Particulates and Aerosols; Snow; ...1.0737

POWDERED CARBON TREATMENT OF WASTEWATER ...Activated Sludge; Electrochemistry; Fluidized Bed Reactor; Organics; Process Design; Thermal Regeneration; Turbidity; Waste Treatment Economics; ...2.1369

FIRESIDE METAL WASTAGE IN MUNICIPAL INCINERATORS ...Heat Transmission; Incineration; Scrubbers; ...3.0264

HIGH TEMPERATURE STUDIES OF RADIOACTIVE FALLOUT PARTICLE FORMATION ...Chemical Mechanisms & Kinetics; Diffusion; Fallout -see Radioactive; Mechanism Determination; Nuclear Detonations; Radiation; Rate of Reaction; ...5.0046

Gas -natural

GEOCHEMISTRY OF OILFIELD BRINES ...Analysis and Detection; Bromine; Mineralogical Water Properties; Origin; Petroleum Wastes - Spillage; Trace Analysis; ...2.0312

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Drilling Operation; Groundwater; Iron; Pennsylvania; Underground Workings; Water Table; ...2.0340

RADIATION PATHWAYS STUDIES ...Environmental Aspects; Hydrogen; Iodine; Nuclear Detonations; Radiation Injury Prevention; Radioactivity; Recovery - Production; Zinc; ...5.0061

Geiger-muller Counters

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition; Carbon; Destratification; Forecasting - Prediction; Lakes; Mathematical Models; Primary Productivity - Plants; Rate Meters; ...2.0612

HIGH ALTITUDE RADIATION INSTRUMENT SYSTEM ...Aerospace Studies; Aircraft Remote Sensing; Environmental Hazards; Ionization Chambers; Radiation Detectors; Spectrographic Techniques; ...5.0786

Generators

ENERGY, AIR QUALITY, AND THE SYSTEMS APPROACH ...Air Pollution; Benefit-cost Analysis; Mathematical Models; Particulates - Air Pollution; ...1.0034

PROBLEMS RELATED TO THE EFFECTS OF HEATED DISCHARGES FROM THERMAL POWER PLANTS ...Administrative Organizations; Energy Conversion; Heat Recovery, Industrial; Power Plants -see Specifics; Thermal Pollution; ...2.1740

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

DRIFT CONTROL OF PESTICIDES ...Aerosols - Smokes, Fogs, Steam; Liquids Or Sprays; Pesticide Application Equip.; Pesticides -nonspecific; Spray Devices; ...4.0063

Geochemical Analysis (water)

GEOCHEMISTRY-MINERALOGY OF THE MACKENZIE RIVER ...Adsorption Capacity; Chemical Water Properties; Polar Oceanic Areas; Suspension; ...2.0056

PHOSPHATE RETENTION BY LAKE SEDIMENTS AS A FACTOR IN THE EUTROPHICATION OF LAKES . Chemical Properties; Effluents - Waste Water; Eutrophication; Land Use; Water Chemistry; ...2.0167

DISSOLVED CONSTITUENTS OF NATURAL WATERS - CONTRIBUTIONS FROM MINERALIZED AREAS ...Acid Mine Wastes; Groundwater; Mineralogical Properties; Sediment Lithification; ...2.0244

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Chemical Properties; Eutrophication; Mineralogical Water Properties; Nutrients; Organic Properties; Soil Chemical Properties; Water Bacteria; ...2.0336

GROUNDWATER QUALITY AND THE HYDROLOGIC BUDGET IN A VALLEY UNDERLAIN BY CARBONATE ROCKS ...Carbonates; Groundwater; Mineralogy; Soil Tillage; Water Quality -general; ...2.0350

COLUMBIA RIVER SEDIMENT STUDIES ...Adsorption Capacity; Estuaries; Nuclear Geochemistry; Sediments; Water Pollution Sources; ...2.0416

GEOCHEMICAL BEHAVIOR OF IRON AND MANGANESE IN A RESERVOIR (LAKE LYNN, WEST VIRGINIA) FED BY STREAMS CONTAINING ACID MINE DRAINAGE ...Acid Mine Wastes; Analysis and Detection; Precipitation; Sediments; Stratification (water); West Virginia; ...2.0431

NITROGEN TRANSFORMATIONS IN LAKE SEDIMENTS ...Aquatic Soils; Eutrophic Lakes; Eutrophication; Lake Deposits; Nitrogen and Nitrogen Cpds.; Nutrients; ...2.0445

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Acidity (water); Aquatic Soils; Bottom Sampling; Lakes; Mineralogical Properties; Social Aspects; Soil pH; ...2.0608

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Isotope Tracer -see Tracers; Mineralogical Properties, Salt Water; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties -general; Water Standards & Baselines; ...2.0701

DETECTION AND LOCATION OF CONCEALED ABANDONED UNDERGROUND MINES AND ASSOCIATED DRAINAGE BY GEOPHYSICAL AND GEOCHEMICAL TECHNIQUES ...Drainage; Dyes; Geophysical Analysis; Infrared Radiation; Seismology, Water Pollution Sources; ...2.0760

CHEMO-DYNAMICS OF LIMESTONE GROUNDWATER ...Aquifers; Chemical Analysis (water); Groundwater; Groundwater Movement; Limestone-general; Model Studies; Water Quality Control -general; ...2.0766

CHEMICAL CHARACTERISTICS OF WATERS IN FLOODED BITUMINOUS-COAL MINESHAFTS ...Acidity (water); Bituminous; Chemical Water Properties; Mine Drainage Control; Mine Hydrology; Mineralization; Water Pollutant Identification; ...2.0852

WATER REOURCES OF SOUTHEASTERN WISCONSIN - RACINE AND KENOSHA COUNTIES ...Chemical Water Properties; Groundwater; Hydrographs; Recharge (water); Water Quality -general; Water Table; Water Wells; ...2.0856

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0923

CHEMISTRY OF HYDROSOLIC METALS IN NATURAL WATER ...Aeration (water); Demineralization; Oxidation; Precipitation; Water Chemistry; Water Supply -general; ...2.0968

HYDROUS METAL OXIDES - THEIR GEOCHEMISTRY AND EFFECT ON WATER QUALITY ...Adsorption; Adsorption Capacity; Physiological Effects; Water Pollution -see Specifics; ...2.0969

EVALUATION OF C-14 DATING OF GROUND WATER ...Aquifers; Carbon; Groundwater; Radiologic Warfare, Water Pollution Sources; ...2.0992

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Data Reduction and Analysis; Forecasting - Prediction; Groundwater; Land Use; Mans Pollutional Activities; Sewage; Waste Disposal-see Solid Waste; Water Quality -general; ...2.1054

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Idaho; Quaternary Period; Structural Analysis - Geology; Tertiary Period; Water Cycle; Water Pollution Sources; Water Storage; ...2.1240

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Atomic Absorption; Lead; Mineralogy; Ore Deposits; Pond; Precipitation; Waste Water Treatment -general; X-ray Spectroscopy; ...2.1322

BIOGEOCHEMISTRY OF ESTUARINE ECOSYSTEM WITH EMPHASIS ON HEAVY METALS AND SHELLFISH ...Chemical Analysis (water); Contamination - Water; Organic Matter; Physiological Effects; ...2.1578

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Aquatic Ecology f Animal; Atomic Absorption; Lead; Precipitation; Water Pollution Effects; Water Purification; Zinc; ...2.1626

Geochemical Investigations

STUDIES OF NATURAL AND POLLUTANT SOURCES OF CARBON MONOXIDE ...Air Pollution Monitoring; Air Pollution-chemistry; Aircraft; Atmospheric Dynamics; Combustion Air Pollution-gen; Gases; ...1.0013

GEOCHEMICAL EXPLORATION STUDIES OF VOLATILE ELEMENTS ...Arizona; Colorado; Maps -general; Nevada; Utah; ...1.0029

THE ROLE OF THE GENERAL CIRCULATION OF THE ATMOSPHERE IN RADIOACTIVE DEBRIS TRANSPORT ...Air Motion; Bibliography; Fallout -see Radioactive; Mass Transport, Radioactivity; Tropopause; Upper Atmospheric Circulation; ...1.0032

GEOCHEMICAL EXPLORATION TECHNIQUES IN ALPINE AND SUBALPINE ENVIRONMENTS ...Cars; Geological Exploration; Geophysical Analysis; Mining Industry; Ore Deposits; Rock - Soil Pollution; Water Pollution Effects; ...1.0330

RAIN SCAVENGING STUDIES ...Air Pollution; Atmosphere Disturbance; Cloud Physics; Diffusion; Lead; Tracers; ...2.0194

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Fertilizers; Gulf of Mexico; Lead; Marine Geology; Nuclear Radiation; Radiochemical Analysis; Runoff (water); Streams; ...2.0380

PHYSICAL CHEMISTRY OF RADIOELEMENTS - RADIOMETRIC METHODS OF ANALYSIS ...Activation Analysis; Analysis and Detection; Chemical Extraction; Gamma Spectroscopy; Ion Exchange; Spectrographic Techniques; Water Pollution Sources; ...2.0513

RESEARCH TRACE METHODS ...Electroanalyses; Fluorine; Geological Exploration; Mercury; Trace Element Analysis; ...2.0518

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Mineralogical Properties; Salt Water; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

PRECISION RATIO GAS-SOURCE MASS SPECTROMETER ...Bauxite Chemical Analysis -general; Mineralogical Properties; Organic Water Properties; Salinity; Sedimentary History; Water Quality -general; ...2.0815

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Analysis and Detection; Element Ratios; Fluid Mechanics; Gulf of Mexico; Lakes; Organic Matter; Tracers; Water Pollution Sources; ...2.0823

EVALUATION OF C-14 DATING OF GROUND WATER ...Aquifers; Carbon; Geochemical Analysis (water); Groundwater; Radiologic Warfare; Water Pollution Sources; ...2.0992

BOTANICAL RESEARCH - ENVIRONMENTAL GEOCHEMISTRY IN RELATION TO HEALTH AND DISEASE ...Committee Support; Health & Geographic Factors; Lead; Meetings; Soil Chemistry; ...2.1505

GEOCHEMISTRY OF MERCURY ...Genetic Relationships; Idaho; Mercury; Mineral Associations; Nevada; Reconnaissance Studies; ...3.0023

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Element Ratios; Environmental Geology; Evolution; Genetic Relationships; Lead; Petrology; Radiochemical Analysis; Uranium; ...5.0016

INSTRUMENT DEVELOPMENT LABORATORY ...E M Radiation-general; Gases; Mercury; ...5.0022

EFFECTS OF RADIATION FROM NUCLEAR EXPLOSIONS ON NATURAL VEGETATION ...Nuclear Detonations, Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Seismology; ...5.0203

Biological Cycles

ROLE OF FUNGI & ALGAE IN FORMATION AND HYDROLYSIS OF LAKE ERIE SEDIMENTS ...Algae - Cyanophyta; Aquatic Fungi -nonspecific; Cellular Catabolism-see Degrad; Eutrophication; Lake Erie; Sediment Lithification; ...2.0301

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Acidity (water); Aquatic Soils; Bottom Sampling; Geochemical Analysis (water); Lakes; Mineralogical Properties; Social Aspects; Soil pH; ...2.0488

Element Ratios

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Analysis and Detection; Fluid Mechanics; Gulf of Mexico; Lakes; Organic Matter; Tracers; Water Pollution Sources; ...2.0823

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Environmental Geology; Evolution; Genetic Relationships; Geochemical Investigations; Lead; Petrology; Radiochemical Analysis; Uranium; ...5.0016

Genetic Relationships

GEOCHEMISTRY OF MERCURY ...Geochemical Investigations; Idaho; Mercury; Mineral Associations; Nevada; Reconnaissance Studies; ...3.0023

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Element Ratios; Environmental Geology; Evolution; Geochemical Investigations; Lead; Petrology; Radiochemical Analysis; Uranium; ...5.0016

Mineral Associations

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0007

GEOCHEMISTRY OF MERCURY ...Genetic Relationships; Geochemical Investigations; Idaho; Mercury; Nevada; Reconnaissance Studies; ...3.0023

Nuclear Geochemistry

COLUMBIA RIVER SEDIMENT STUDIES ...Adsorption Capacity; Estuaries; Sediments; Water Pollution Sources; ...2.0416

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Element Ratios; Environmental Geology; Evolution; Genetic Relationships; Geochemical Investigations; Lead; Petrology; Radiochemical Analysis; Uranium; ...5.0016

Soil Chemistry

GEOCHEMICAL EXPLORATION STUDIES OF VOLATILE ELEMENTS ...Arizona; Colorado; Maps -general; Nevada; Utah; ...1.0029

GEOCHEMICAL SURVEY OF THE VEGETATION OF MISSOURI ...Air Pollution; Air Pollution -see Specifics; Bioindicators; Missouri; Roads & Highways -see Highways; Soil Chemical Properties; Soil Minerals -natural; ...1.0331

BOTANICAL RESEARCH - ENVIRONMENTAL GEOCHEMISTRY IN RELATION TO HEALTH AND DISEASE ...Committee Support; Geochemical Investigations; Health & Geographic Factors; Lead; Meetings; ...2.1505

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Adsorption Capacity; Cesium; Composition Controls; Diffraction; Ion Exchange; Mineralogy; Soil Chemical Properties; X-ray Spectroscopy; ...5.0025

Trace Element Analysis

STUDY OF PETROGRAPHIC AND MINERALOGICAL CHARACTERISTICS OF CARBONATE ROCKS RELATED TO SULFUR OXIDE SORPTION IN FLUE GASES ...Absorption - Chemistry; Carbonates; Environmental Geology; Microscopy; Power Plants; ...1.0553

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Tracers; Water Cycle; Zinc; ...2.0008

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Turbidity; ...2.0040

GEOCHEMISTRY-MINERALOGY OF THE MACKENZIE RIVER ...Adsorption Capacity; Chemical Water Properties; Geochemical Analysis (water); Polar Oceanic Areas; Suspension; ...2.0056

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photog-

raphy- Television; Pacific Ocean; Radioactivity, Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0330

ENVIRONMENTAL TRACE ELEMENTS AND REGIONAL HEALTH AND DISEASE ...Air Pollution -see Specifics; General Information Services; Health & Geographic Factors; Trace Elements; ...2.0390

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Water Pollutant Identification; Water Quality -general; ...2.0395

RESEARCH TRACE METHODS ...Electroanalyses; Fluorine; Geological Exploration; Mercury; ...2.0518

ELECTROCHEMICAL METHODS FOR THE DETERMINATION OF TRACE AMOUNTS OF PHOSPHATE IN NATURAL WATER ...Analysis and Detection; Chelation & Complexing; Electrochemistry; Polarography; Trace Analysis; Voltammetry; Water Pollutant Identification; ...2.0575

PARTITION COEFFICIENTS FOR FE, MN, CO, NI, ZN, CU, BETWEEN RIVER WATER AND SUSPENDED LOAD ...Dissolved Load; Mineral Analysis; Sediments; Water Standards & Baselines; ...2.0590

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Water Properties -general; Water Standards & Baselines; ...2.0701

TRACE MERCURY IN ENVIRONMENTAL MATERIALS ...Air Pollution-chemistry; Mercury; ...4.0934

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Deltas; Electrical Properties; Marine Biology - General; Marine Environments; Radioactive Isotopes; Temperature; Trace Elements; Xray Diffraction; ...5.0068

Transfer Processes

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Eutrophic Lakes; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Chemical Properties; Eutrophication; Geochemical Analysis (water); Mineralogical Water Properties; Nutrients; Organic Properties; Soil Chemical Properties; Water Bacteria; ...2.0336

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

Weathering Products

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; ...2.0087

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; ...2.0308

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering - geologic; ...2.0546

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Mineralogical Properties; Salt Water; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

MINE SPOIL POTENTIALS FOR WATER QUALITY AND CONTROLLED EROSION ...Agricultural Runoff; Drilling and Coring; Mineralogical Properties; Strip Mines; ...2.14*2

Geologic History

Glacial History

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

Paleoclimatology

INTERDISCIPLINARY RESEARCH PROGRAM IN CLIMATOLOGY ...Climatography; Energy Conversion; Model Studies; Particulates - Air Pollution; Physical Climatology; Weather Modification; ...1.0434

GEOCHRONOLOGY, C-14 METHOD ...Carbon - 14 Dating; Groundwater; Sea Level Changes; Tectonics; ...2.0534

Sea Level Changes

GEOCHRONOLOGY, C-14 METHOD ...Carbon - 14 Dating; Groundwater; Paleoclimatology; Tectonics; ...2.0534

Sedimentary Basins

SAN FRANCISCO BAY ...Bathymetry; California; Marine Biology - General; Marine Pollution; San Francisco Bay; Sea Water Properties; Sedimentary History; Water Quality -general; ...2.0970

Sedimentary History

VENTURA CALIFORNIA COOP ...Aquifers; Fresh Water; Groundwater Basins; Mapping; Marine Geology; Ocean Profiles; Salinity; Seismology; Tectonic History - Mountains; ...2.0038

PRECISION RATIO GAS-SOURCE MASS SPECTROMETER ...Bauxite; Chemical Analysis -general; Geochemical Investigations; Mineralogical Properties; Organic Water Properties; Salinity; Water Quality -general; ...2.0815

SAN FRANCISCO BAY ...Bathymetry; California; Marine Biology - General; Marine Pollution; San Francisco Bay; Sea Water Properties; Water Quality -general; ...2.0970

Tectonic History - Mountains

VENTURA CALIFORNIA COOP ...Aquifers; Fresh Water; Groundwater Basins; Mapping; Marine Geology; Ocean Profiles; Salinity; Seismology; ...2.0038

SAN FRANCISCO BAY SEDIMENTS ENGINEERING GEOLOGY STUDIES, CALIFORNIA ...California; Engineering Geology; Mineralogical Properties; Rock Mechanics - Geology; Rocks - Bedrock; Sediment Thickness; Unconsolidated Deposits; ...2.0069

SAN FRANCISCO BAY ...Bathymetry; California; Marine Biology - General; Marine Pollution; San Francisco Bay; Sea Water Properties; Sedimentary History; Water Quality -general; ...2.0970

Geological Exploration

AERODYNAMICS OF FORMATION OF CLOUDS OF FLOAT COAL DUST ...Coal; Mine Atmosphere Conditions; Particulates - Air Pollution; ...1.0134

GEOCHEMICAL EXPLORATION TECHNIQUES IN ALPINE AND SUBALPINE ENVIRONMENTS ...Cars; Geochemical Investigations; Geophysical Analysis; Mining Industry; Ore Deposits; Rock - Soil Pollution; Water Pollution Effects; ...1.0330

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology; Floods; Geologic Maps; Land Use; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Environment; Urban Research general; ...2.0066

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological

Water Properties; Construction Land Use Effects; Environmental Ecology; Lakes; Marine Biology - General; Sea Ice; Water Standards & Baselines; ...2.0470

HYDRO- AND BIO-GEOCHEMISTRY OF HEAVY METALS ...Mineral Analysis; Soil Water Plant Relationships; ...2.0511

RESEARCH TRACE METHODS ...Electroanalyses; Fluorine; Mercury; Trace Element Analysis; ...2.0518

GEO-ENVIRONMENTAL AND MINERAL RESOURCES PROGRAM ...Acoustical Properties; Great Lakes -see Specific Lake; Manganese; Ocean Profiles; Water Pollution Sources; ...2.0863

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Contamination - Water; Marine Animals; Marine Biology - General; Marine Environments; Marine Geology; Marine Pollution; Oil; Pacific Ocean; Sea Water Mass & Ocean Fronts; Ships and Cruises; ...2.1794

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology; Lead; Massachusetts; Rocks - Bedrock; Streams; Surveying; Waste Disposal-see Solid Waste; ...3.0162

PEAT STUDIES ...Environmental Geology; Maryland; Peat; Pennsylvania; Sediment Lithification; West Virginia; ...3.0365

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Element Ratios; Environmental Geology, Evolution; Genetic Relationships; Geochemical Investigations; Lead; Petrology; Radiochemical Analysis; Uranium; ...3.0016

GAMMA-RAY SPECTROMETRY ...Aircraft Remote Sensing; Gamma Radiation; Gamma Spectroscopy; Geologic Maps; ...5.0861

Geological Studies - General

Bomex

LIDAR OBSERVATIONS OF LOWER TROPOSPHERIC AEROSOL DISTRIBUTIONS DURING BOMEX ...Aerosols; Atmospheric Dynamics; Condensation Physics; Electronic Detection, Tracking; Heat and Radiation Transfer; Inversion; Particulates - Air Pollution; ...1.0011

EFFECTS OF PARTICULATES ON RADIOMETRIC MEASUREMENT OF SEA SURFACE TEMPERATURE & ON INFRARED COOLING RATES IN TROPOSPHERE (ABBREV) ...Data Reduction and Analysis; Heat Balance - Budget; Marine Environments; Particulates - Air Pollution; Temperature; Weather Data; ...1.0332

LIDAR MEASUREMENT OF BACKSCATTER COEFFICIENT RELATED TO INFRARED EMISSIVITY OF CLOUDS ...Airplanes; Cirrus; Clouds; Infrared Radiation; Weather Radar; ...1.0674

FIELD MEASUREMENTS OF ATMOSPHERIC TURBULENCE ...Atmospheric Dynamics; Lake Michigan; Mathematical Models; Weather Forecasting; ...1.0699

Economic Geology -general

AIR POLLUTION PROBLEMS IN NORTHEAST ...Air Pollution; Air Pollution -see Specifics; Climates -general; Nicotiana; Synoptic Weather Observations; Wind -see Air Motion; ...1.0378

ECONOMIC IMPACT OF REDUCED VISIBILITY AT AIRPORTS FROM AIR POLLUTION ...Air Pollution Effects; Costs -see Economics Entries; Visibility; Weather Data; ...1.0406

THE SOCIAL AND ECONOMIC IMPACT OF THE SUBSTITUTION OF LOW SULFUR COAL FOR HIGH SULFUR COAL - A PILOT STUDY OF MONONGALIA COUNTY, W. VA. ...Coal; Combustion Air Pollution-gen; Extractive Natural Resources; Legal Studies-general; Regional Economics; West Virginia; ...1.0445

AN EMISSION AND CONTROL COST STUDY OF THE REACTIVE METALS INDUSTRY ...Air Pollution; Air Pollution-chemistry; Chemical Industry; Industry; Management; ...1.0450

ECE QUESTIONNAIRE ANALYSIS AND STUDY PROPOSAL ...Air Pollution; Air Pollution -see Specifics; Economic Studies - general; ...1.0454

AN EMISSION AND CONTROL STUDY OF THE RENDERING INDUSTRY ...Air Pollution; Data Acquisition; Industrial Wastes; Noise -see Noise; Odor; Tanneries - Rendering Plants; ...1.0455

TECHNICAL SUPPORT FOR THE THIRD & FOURTH COMPREHENSIVE COSTS REPORTS TO CONGRESS ...Air Pollution; Costs -see Economics Entries; ...1.0465

GROSS DAMAGE ESTIMATES ...Air Pollution Effects, Costs -see Economics Entries; Data Reduction and Analysis; ...1.0471

POLLUTION OF COASTAL WATERS ...Coastlines - Shorelines; Management; Marine Environments; Social Aspects; Water Quality Control -general; ...2.0565

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Coastlines - Shorelines; Infrared Radiation; Legal Studies-general; Navigation; Tides; Tidewater Areas; Water Quality -general; ...2.0795

CHARACTERISTICS OF CRUDE OILS ...Alaska; Data & Statistics Info Storage; Fluid Properties; Rocky Mountain System; Wyoming; ...3.0410

Geology -general

PARTIAL SUPPORT OF THE COMMITTEE ON GEOLOGICAL SCIENCES ...Committee Support; Seismology; Waste Disposal-see Solid Waste; ...1.0485

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

THE GEOLOGY, HYDROLOGY AND CONTAMINATION OF SHALLOW COASTAL AQUIFERS IN THE ROCKINGHAM DISTRICT, WESTERN AUSTRALIA ...Aquifers; Australia; Coastlines - Shorelines; Soil Tillage; Water Quality -general; ...2.0026

VENTURA CALIFORNIA COOP ...Aquifers; Fresh Water; Groundwater Basins; Mapping; Marine Geology; Ocean Profiles; Salinity; Seismology; Tectonic History - Mountains; ...2.0038

GEOLOGIC INVESTIGATIONS, NEVADA TEST SITE ...Alluvium - Alluvial; Borehole Geophysics; Faults - Geology; Nevada; Water Table; ...2.0070

GEOLOGICAL FACTORS RELATING TO SURFACE AND GROUNDWATER POLLUTION ...Groundwater; Missouri; Sewage Lagoons; Water Quality -general; ...2.0224

SILTATION RATES AND LIFE EXPECTANCIES OF SMALL HEADWATER RESERVOIRS IN MONTANA ...Chemical Water Properties; Morphology; Radioactive Fallout; Reservoirs and Impoundments; ...2.0235

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

CHEMISTRY OF MINERALIZED WATERS ...Arsenic; Bromine; Chlorine; Fluorine; Iodine; Origin; Water Quality -general; ...2.0311

HYDROGEOLOGY OF A WELL FIELD ...Connecticut; Flow Characteristics (water); Soil Tillage; Water Quality -general; Water Resources Planning; Water Wells; ...2.0367

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Data Reduction and Analysis; Hydraulics; Texas; Water Pollution Sources; Water Supply -general; Water Wells; ...2.0375

A SYSTEM FOR GEOLOGIC EVALUATION OF POLLUTION POTENTIAL AT MOUNTAIN DWELLING SITES ...Data Reduction and Analysis; Groundwater; Percolation (water); Sewage; Water Pollutant Identification; ...2.0521

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Estuaries; River Basins; Soil Tillage; Water Depth, Water Levels, Water Table; Wind; ...2.0558

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Mapping; Oklahoma; Remote Sensing; Soil Moisture; Soil Thermal Properties; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

INVESTIGATION OF LAKE WATER QUALITY IN EASTERN SOUTH DAKOTA WITH REMOTE SENSING TECHNIQUES ...Aircraft Remote Sensing; Geologic Maps; Lakes; Soil Tillage; Water Depth, Water Levels; Water Quality -general; ...2.0798

GEOCHEMISTRY OF WATERS OF THE HOG CREEK BASIN - HAMILTON, CORYELL, AND BOSQUE COUNTIES, TEXAS ...Agricultural Runoff; Animal Pollutant Sources; Chemical Water Properties; Plant Pollutants; Soil Fertility; Texas; ...2.0826

APPLICATION OF REMOTE SENSING TO HYDROGEOLOGY ...Baseflow; Groundwater Movement; Sanitary Landfills; Soil Tillage; Water Resources Planning; ...2.0866

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

FEASIBILITY OF SUBSURFACE LIQUID-WASTE DISPOSAL IN PENNSYLVANIA ...Environment; Fluid Dynamics - Migration; Literature Search; Pennsylvania; Waste Disposal, Underground; ...2.1248

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

IMPROVED EXTRACTION SYSTEM - WATER CONTROL - CONTROL TECHNIQUES, FIELD TESTING AND EVALUATION ...Acid Mine Drainage; Analytical Instruments; Coal; Data Acquisition; Mine Atmosphere Conditions; Soil Tillage; ...2.1402

GEOLOGIC AND HYDROLOGIC STUDIES RELATED TO SPECIFIC POLLUTION PROBLEMS ...Alabama; Groundwater; Soil Tillage; Water Quality -general; ...2.1785

GEOLOGY OF URBAN DEVELOPMENT ...Building Design; Environmental Geology; Land Use; New Mexico; Urban Research - general; ...2.1803

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste, Water Supply -general; ...2.1823

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

ARCTIC ENGINEERING GEOLOGY (TAPS) ...Alaska; Environmental Hazards; Permafrost - Frozen Soils; Polar Regions; Remote Sensing; ...3.0017

CENTRAL NEVADA GEOLOGIC INVESTIGATIONS ...Drilling and Coring; Geologic Maps; Local Stratigraphy; Maps -general; Nevada; Seismology; Structural Analysis - Geology; ...5.0020

PLOWSHARE SPECIAL STUDIES ...Arizona; Copper; Management (water); Seismology; Soil Tillage; Underground Storage; ...5.0021

REACTOR SITE INVESTIGATIONS ...Foundations; Nuclear Power; Nuclear Reactors; Power Plants -see Specifics; Seismology; Structure Sites; ...5.0029

Legal Studies-general

ENERGY, AIR QUALITY, AND THE SYSTEMS APPROACH ...Air Pollution, Benefit-cost Analysis; Generators; Mathematical Models; Particulates - Air Pollution; ...1.0034

VENTILATION DURING TUNNEL CONSTRUCTION ...Air Pollution-chemistry; Dust; Particulate Matter - Air Poll.; Smoke -see Air Pollution; Tunnels; ...1.0140

THE SOCIAL AND ECONOMIC IMPACT OF THE SUBSTITUTION OF LOW SULFUR COAL FOR HIGH SULFUR COAL - A PILOT STUDY OF MONONGALIA COUNTY, W. VA. ...Coal; Combustion Air Pollution-gen; Economic Geology - general; Extractive Natural Resources; Regional Economics; West Virginia; ...1.0415

STUDY OF THE LEGAL AND INSTITUTIONAL ARRANGEMENTS FOR AIR POLLUTION CONTROL IN THE NEW YORK METROPOLITAN AREA ...Air Pollution; New York; ...1.0491

CAVEN POINT INCINERATOR EVALUATION ...Air Pollution Monitoring; Furnace and Incinerator Design; Furnaces; Particulate Matter - Air Poll.; Particulates - Air Pollution; ...1.0501

EVALUATE EPISODE SECTION OF AQCR IMPLEMENTATION PLANS ...Air Pollution; Planning; ...1.0519

STATE ASSISTANCE IN STANDARDS FORMULATION ...Air Pollution; Air Pollution-chemistry; Oxidants; Particulates - Air Pollution; ...1.0522

EVALUATION OF ADOPTED AIR QUALITY STANDARDS ...Air Pollution; Air Pollution-chemistry; Oxidants; Particulates - Air Pollution; ...1.0523

LEGISLATION AND REGULATIONS - AQCR PLANS ...Administration and Management; Air Cleaning Devices; Cars; Exhaust, Combustion -see Auto; Government -see Federal Gov.; ...1.0527

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Coastlines - Shorelines; Economic Geology -general; Infrared Radiation; Navigation; Tides; Tidewater Areas; Water Quality -general; ...2.0795

GEO-ENVIRONMENTAL AND MINERAL RESOURCES PROGRAM ...Acoustical Properties; Great Lakes -see Specific Lake; Manganese; Ocean Profiles; Water Pollution Sources; ...2.0863

Man in the Sea Programs

REMOTE SENSING - TEKTITE, VIRGIN ISLANDS ...Marine Environments; Marine Pollution; Puerto Rico; Spacecraft Sensory Devices; Virgin Islands; ...2.0819

Management

CLIMATOLOGY ...Applied Climatology; Atmospheric Dynamics; Diffusion; Planning; Power Plants; ...1.0510

EVALUATION OF ALTERNATIVE AIR RESOURCE MANAGEMENT POLICIES ...Administration and Management; Air Pollution; ...1.0531

SPACECRAFT OCEANOGRAPHY PROJECT ...Data Acquisition; Electronic Detection, Tracking; Marine Pollution; Microwave Radiation; Sea Ice; Space Science and Technology; Spacecraft Sensory Devices; Visible Light; ...2.0541

POLLUTION OF COASTAL WATERS ...Coastlines - Shorelines; Economic Geology -general; Marine Environments; Social Aspects; Water Quality Control -general; ...2.0565

UTILIZATION OF PHYSICAL AND MATHEMATICAL MODELS IN ESTUARINE WATER RESOURCES RESEARCH AND MANAGEMENT ...Analog Computer Applications; Dispersion (water); Estuaries; Management (water); Mathematical Models; Tides; ...2.1122

Military Aspects

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Chemical Composition; Core Analysis; Energy Conversion; Glaciology; Ion Exchange; Particulates - Air Pollution; Technology - Social Impact; ...1.0073

CONDENSATION NUCLEI AND AEROSOL POPULATIONS RELATED TO FOG FORMATION ...Aerosols; Air Pollution Analysis; California; Fog - Mist Dissipation; Meteorological Condensation; Nucleation Physics; ...1.0867

NAVY ENVIRONMENT - EFFECT OF ATMOSPHERIC CORONA ON ION SPECTRA AND WEATHER ...Particulates - Air Pollution; Thunderstorms; Weather Forecasting; ...1.0896

NAVY ENVIRONMENT - ENVIRONMENTAL EFFECTS OF DEEP WATER ORDNANCE DISPOSAL ...Atlantic Ocean; Consultants, Advisory Services; Environment; Marine Biology - General; Marine Pollution; Ocean Dumping; ...2.1585

SUBARCTIC AERATION LAGOON INVESTIGATIONS, BIOKINETIC REQUIREMENTS AND SEASONAL AND DURNAL EFFECTS ON NUTRIENT BALANCE ...Aeration (water); Alaska; Lagoon; Nutrients; Pilot Plants; Waste Treatment Economics; ...3.0062

Planning

ALABAMA ENVIRONMENTAL STUDY-CONFERENCE PROJECT ...Air Pollution; Government -see Federal Gov.; Water Conservation -general; Water Quality -general; ...1.0475

CLIMATOLOGY ...Applied Climatology; Atmospheric Dynamics; Diffusion; Management; Power Plants; ...1.0510

AIR POLLUTION POTENTIAL CLIMATOLOGY ...Applied Climatology; Atmospheric Dynamics; Meteorologic Instruments - gen.; Weather Data; Wind; ...1.0511

EVALUATE EPISODE SECTION OF AQCR IMPLEMENTATION PLANS ...Air Pollution; Legal Studies-general; ...1.0519

SAN FRANCISCO BAY SEDIMENTS ENGINEERING GEOLOGY STUDIES, CALIFORNIA ...California; Engineering Geology; Mineralogical Properties; Rock Mechanics - Geology; Rocks - Bedrock; Sediment Thickness; Tectonic History - Mountains; Unconsolidated Deposits; ...2.0069

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

RESEARCH ON FAULTS AND FAULT ACTIVITY FOR LAND-USE PLANNING ...Environmental Geology; Environmental

Hazards; Faults - Geology; Literature Search; Nuclear Reactors; Transportation Management; ...5.0015

Public Health

MEASURING PERFORMANCE IN PUBLIC PROGRAMS ...Air Pollution; Cost-benefit Analysis; Economic Projections- Forecast; Technology - Social Impact; Water Quality -general; ...1.0442

COMPILATION OF READINGS AND CASE MATERIALS ON TECHNOLOGY ASSESSMENT ...Air Pollution -see Specifics; Demography; Government -see Federal Gov.; Noise; Solid Waste; Technology - Social Impact; Water Pollution -see Specifics; ...3.0048

Rock - Soil Pollution

GEOCHEMICAL EXPLORATION TECHNIQUES IN ALPINE AND SUBALPINE ENVIRONMENTS ...Cars; Geochemical Investigations; Geological Exploration; Geophysical Analysis; Mining Industry; Ore Deposits; Water Pollution Effects; ...1.0330

ENVIRONMENTAL POLLUTION TOXICOLOGY OF AIR FORCE MATERIALS ...Air Pollution; Contamination -see Air & Water; Degradation; Environment; Propellants; ...1.0411

ALABAMA ENVIRONMENTAL STUDY-CONFERENCE PROJECT ...Air Pollution; Government -see Federal Gov ; Planning; Water Conservation -general; Water Quality -general; ...1.0475

CONTROL OR PREVENTION OF SOIL AND WATER POLLUTION FROM FERTILIZERS ...Aquatic Soils; Groundwater; Microorganisms -nonspecific; Soil Chemical Properties; Soil Microbiology; Water Quality Control -general; ...2.0170

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Chlorine; Fish; Literature Search; Soil Chemical Properties; Soil Saline Properties; Virginia; Water Supply Facilities; ...2.0408

THE INFLUENCE OF SOILS ON POLLUTION ...rption; Drainage; Nutrients; Pesticide Degradation -see Deg; P cides - nonspecific; Soil Fertility; Waste Disposal on Soils; Wa r Pollutants - Path of; ...2.1046

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Animal Wastes - Feed Lots; Chemical Analysis (water); Escherichia Coli; Farm Animal Wastes; Lysimeters; Physical Models; Salmonella -nonspecific & - ot.; Waste Disposal on Soils; ...2.1288

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Flume Studies; Irrigation; Planting Methods; Soil Chemical Properties; Soil Profile; Waste Disposal on Soils; ...3.0008

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Bos; Chlorine; Contamination - Soil; Farm Animal Wastes; Lysimeters; Soil Moisture; Zea Mays - Field Corn; ...3.0097

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Agricultural Runoff; Bos; Farm Animal Wastes; Poultry -nonspecific; Waste Disposal on Soils; ...3.0156

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Contamination - Soil; Farm Animal Wastes; Groundwater; Playas; Soil Microbiology; Sorghum; Water Pollutants - Path of; ...3.0320

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Drift; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction Wit. Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; Water Quality - general; ...4.0192

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; ...4.1092

Rocks - Bedrock

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology, Floods; Geologic Maps; Land Use; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Environment; Urban Research -general; ...2.0066

SAN FRANCISCO BAY SEDIMENTS ENGINEERING GEOLOGY STUDIES, CALIFORNIA ...California; Engineering Geology; Mineralogical Properties; Rock Mechanics - Geology; Sediment Thickness; Tectonic History - Mountains; Unconsolidated Deposits; ...2.0069

SEPARATION OF SOLAR AND HEATED DISCHARGE EFFECTS ...Computer Models; Dyes; Energy Conversion; Solar Radiation -sunshine; Thermal Pollution; Turbidity (water); Water Pollutants - Path of; ...2.0372

SAN FRANCISCO BAY ...Bathymetry; California; Marine Biology - General; Marine Pollution; San Francisco Bay; Sea Water Properties; Sedimentary History; Water Quality -general; ...2.0970

PALO ALTO, SAN MATEO, AND MONTARA MOUNTAIN 7.5-MIN. QUADRANGLES AND VICINITY, CALIFORNIA ...Borehole Geophysics; Data Acquisition; Environmental Geology; Rock Mechanics - Geology; Surficial Geology Studies; ...2.1797

GREATER ANCHORAGE AREA BOROUGH, ALASKA ...Aerial Photography -see Photo.; Alaska; Environmental Hazards; Geologic Maps; Reconnaissance Studies; Surficial Geology Studies; ...2.1801

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology; Geological Exploration; Lead; Massachusetts; Streams; Surveying; Waste Disposal-see Solid Waste; ...3.0162

ENGINEERING GEOLOGY IN COUNTY PLANNING ...Engineering Geology; Environmental Geology, Geologic Maps; Maps; Urban Research -general; Waste Disposal-see Solid Waste; ...3.0205

Social Aspects

POLLUTION OF COASTAL WATERS ...Coastlines - Shorelines; Economic Geology -general; Management; Marine Environments; Water Quality Control -general; ...2.0565

Geophysical Analysis

GEOCHEMICAL EXPLORATION TECHNIQUES IN ALPINE AND SUBALPINE ENVIRONMENTS ...Cars; Geochemical Investigations; Geological Exploration; Mining Industry; Ore Deposits; Rock - Soil Pollution; Water Pollution Effects; ...1.0330

DYNAMIC PROCESSES ...Aerosols; Chemical Composition; Meetings; Monitoring; Turbulence; ...1.0479

AN ANOMALOUS OCCURRENCE OF SALINE WATER IN THE FLORIDAN AQUIFER ...Aquifers; Borehole Geophysics; Florida; Gamma Radiation; Saline Water Intrusion; Water Wells; ...2.0106

SALINE WATER POLLUTION OF POTABLE WATER SUPPLIES THROUGH DEEP ARTESIAN WELLS ...Aquifers; Environmental Changes; Groundwater; Mans Pollutional Activities; Saline Water Intrusion; Water Wells; ...2.0107

WATER RESOURCES OF COPIAH COUNTY ...Aquifers; Chemical Analysis (water); Groundwater; Groundwater Basins; Mississippi; Water Quality -general; Water Table; ...2.0649

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties - general; Water Standards & Baselines; ...2.0701

DETECTION AND LOCATION OF CONCEALED ABANDONED UNDERGROUND MINES AND ASSOCIATED DRAINAGE BY GEOPHYSICAL AND GEOCHEMICAL TECHNIQUES ...Drainage; Dyes; Infrared Radiation; Seismology; Water Pollution Sources; ...2.0760

GEOHYDROLOGY OF SHALLOW AQUIFERS IN HENRY AND WEAKLEY COUNTIES, TENNESSEE ...Aquifers; Chemical Analysis (water); Permeability; Tennessee; Water Wells; ...2.0803

ADVANCE WARNING OF GROUND-WATER POLLUTION HAZARDS, WITH SPECIAL REFERENCE TO AQUIFERS IN GLACIAL OUTWASH ...Aquifers; Groundwater; Stratification (water); Water Pollutant Identification; ...2.0842

CONSERVATION OF FRESH-WATER RESOURCES BY DEEP-WELL DISPOSAL OF LIQUID WASTES ...Burial; Engineering Geology; Mathematical Models; Porosity; Subsurface; ...2.1148

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

Georgia

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Groundwater Movement; Lithology; Natural Recharge; Petrology; Specific Rock Unit; Water Table; ...2.0112

A STUDY OF THE EFFECTS OF ISLAND DEVELOPMENT ON LAKE WATER QUALITY ...Acidity (water); Economics -recreation; Lakes; Nitrogen and Nitrogen Cpds.; Plankton; Recreation, Water Resources; Types of Resources; ...2.0115

TOXAPHENE CONTAMINATION - ESTUARINE ECOLOGY ...Aquatic Ecology - Animal; Estuaries; Pesticides -see Pesticide; Toxaphene; ...2.0116

APPLICATION OF MODERN ELECTROANALYTICAL TECHNIQUES TO THE ANALYSIS OF HEAVY METALS IN WATER ...Analysis and Detection; Chemical Mechanisms & Kinetics; Electroanalyses; Mineralization; Trace Analysis; ...2.0557

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Estuaries; Geology -general; River Basins; Soil Tillage; Water Depth, Water Levels; Water Table; Wind; ...2.0558

DISSOLVED OXYGEN AND OXYGEN DEMAND IN A SALT MARSH BORDERED ESTUARY ...Biological Water Properties; Computer Models; Physical Water Properties; Tidewater Areas; ...2.0559

SALT-WATER ENCROACHMENT IN THE BRUNSWICK AREA, GEORGIA ...Aquifers; Brackish Water; Chlorine; Saline Water Intrusion; Water Quality Control -general; Water Table; Water Wells; ...2.0890

ESTUARINE HYDROGRAPHY AND ITS ROLE IN TRANSPORT OF NATURALLY PRODUCED FOODS AND POLLUTANTS ...Effluents - Waste Water; Forecasting - Prediction; Nutrients; Water Movement -general; Water Quality -general; ...2.1000

WASTE TREATMENT AND ANALYSIS FOR THE CITY OF MACON, GEORGIA ...Activated Sludge; Disposal; Industrial Wastes; Pilot Plants; Pulp and Paper Wastes; Urban Environment; ...2.1234

STUDY OF COSTS OF TREATING TEXTILE WASTES IN MUNICIPAL AND INDUSTRIAL SEWAGE PLANTS ...Process Design; Textile Industry; Urban Environment; Waste Water Treatment -general; ...2.1416

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal; Chemical Water Properties; Estuaries; Invertebrates -nonspecific; Physical Water Properties; Pulp and Paper Wastes; Turbidity (water); ...2.1537

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Florida, Legal Studies; Mississippi; Recreation, Water Resources; South Carolina; State Government; Water Pollution Sources; ...2.1815

EVALUATION OF BENEFIT-COST ESTIMATION OF THE ECOLOGIC AND ECONOMIC IMPACTS FROM WATER RESOURCES CONSERVATION AND DEVELOPMENT ...Benefit-cost Analysis; Ecological Effects; Small Watersheds; Water Conservation -general; Water Resources Planning; ...2.1816

ANALYSIS OF LAND USE PATTERNS - DOCTORAL DISSERTATION RESEARCH ...Animal Habitat Studies; Land Use; Land Use, Modification Effects; ...2.1817

SENSORS FOR CONTROLLING THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Detectors and Sensors; Economic Efficiency; Effluents - Waste Water; Waste Treatment Economics; ...3.0116

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Aquatic Ecology - Animal; Dieldrin; Farm Pond; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Plant Ecology -nonspecific; ...4.0025

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties; Eastern U. S.; Gramineae; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; Water Cycle; ...5.0032

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

Germany

ANTIMICROBIAL ACTION OF BIPHENYL AND DERIVATIVES ON CITRUS SPOILAGE ORGANISMS ...Citrus; Diphenyl; Foreign Agriculture; Fruit, Nut, and Berry Crops; Pesticide Phytotoxicity; Trichoderma; ...4.0296

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Foreign Agriculture; Neutron -see Radiation; Plants; ...5.0264

Glaciology

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Chemical Composition; Core Analysis; Energy Conversion; Ion Exchange; Particulates - Air Pollution; Technology - Social Impact; ...1.0073

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

WISCONSIN RIVER ICE STUDIES ...Channels; Erosion; Water Pollution Effects; Wisconsin; ...2.0457

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Animal Productivity; Aquatic Plants -nonspecific; Mineralogical Water Properties; Nutrients; Plant Productivity -general; Sub - Polar Regions; Wild Rivers; ...2.0472

GEOCHRONOLOGY, C-14 METHOD ...Carbon - 14 Dating; Groundwater; Paleoclimatology; Sea Level Changes; Tectonics; ...2.0534

HYDROLOGY, USDI ...Automatic Data Aquisition; Data Networks; Estuaries; Man Machine Systems; Remote Sensing; Soil Tillage; Water Quality -general; ...2.0539

A SYSTEMATIC AND ECOLOGICAL SURVEY OF THE ZOOPLANKTON AND PHYTOPLANKTON OF NORTHEASTERN OHIO GLACIAL LAKES ...Biological Water Properties; Ecological Effects; Eutrophication; Nutrients; Physical Water Properties; ...2.0730

ADVANCE WARNING OF GROUND-WATER POLLUTION HAZARDS, WITH SPECIAL REFERENCE TO AQUIFERS IN GLACIAL OUTWASH ...Aquifers; Geophysical Analysis; Groundwater; Stratification (water); Water Pollutant Identification; ...2.0842

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Groundwater; Lysimeters; Ponds; Soil Moisture; Soil Types - also See Specifics; Till; Water Pollutants - Path of; ...2.1285

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

NATIONAL AND ENVIRONMENTAL HAZARDS, DISORDERS, ENVIRONMENTAL QUALITY ...Drought - Meteorologic; Floods; Recreation, Water Resources; Seismology; Urban Environment; Urban Research -general; Water Pollution Sources; ...2.1799

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Illinois; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1823

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology; Geological Exploration; Lead; Massachusetts; Rocks - Bedrock; Streams; Surveying; Waste Disposal-see Solid Waste; ...3.0162

Government -see Federal Gov.

ECONOMIC EVALUATION OF ALTERNATIVE POLICIES FOR AIR RESOURCE MANAGEMENT ...Air Pollution -see Specifics; Costs -see Economics Entries; Mathematical Models; Urban Research -general; ...1.0443

ALABAMA ENVIRONMENTAL STUDY-CONFERENCE PROJECT ...Air Pollution; Planning; Water Conservation -general; Water Quality -general; ...1.0475

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Benefit-cost Analysis; Energy Conversion; Legal Studies; Petroleum Industry; Regulatory & Legal; Social Aspects; Water Resources Protection; ...1.0481

THE ORGANIZATIONAL FACTORS IN AIR POLLUTION CONTROL ...Air Pollution; Air Pollution -see Specifics; Legal Studies; Organizational Research; Urban Environment; Urban Research -general; ...1.0483

EVALUATION OF FACTORS RELATING TO THE PROPOSED DESIGNATION OF AIR QUALITY CONTROL REGIONS ...Administration and Management; Air Pollution Analysis; Atmospheric Dynamics; Model Studies; Urban Planning; Urban Research -general; ...1.0484

LEGISLATION AND REGULATIONS - AQCR PLANS ...Administration and Management; Air Cleaning Devices; Cars; Exhaust, Combustion -see Auto; Legal Studies-general; ...1.0527

LEGAL INFORMATAON HANDLING SYSTEM ...Air Pollution; Data Reduction and Analysis; Information Systems; Regional Or State Studies; ...1.0528

DEVELOPMENT OF NUCLEAR ANALYTICAL TECHNIQUES FOR OIL SLICK IDENTIFICATION ...Activation Analysis; Atmospheric and Environmental; Law Enforcement; Marine and Hydrology; Oil; Petroleum Wastes - Spillage; ...2.0501

ESTABLISHING GUIDES FOR COORDINATING URBAN PLANNING AND THE DESIGN, ENGINEERING, AND CONSTRUCTION OF URBAN STORM RUN-OFF SYSTEMS ...Erosion; Floodplains; Rainfall - Runoff Relationship; Urban Environment; Urban Planning; Water Pollution Abatement; Water Resources Planning; ...2.1130

IMPACT OF CHANGES IN TECHNOLOGY ON WATER USE ...Agricultural Economics; Consumptive Use (water); Water Costs; Water Standards & Baselines; ...2.1219

AMES DESIGN PARAMETERS ...Iowa; Sand Filters; Waste Treatment; Waste Treatment Economics; Waste Water Treatment - general; Water Resources Planning; ...2.1269

UNDERGROUND DISPOSAL OF LIQUID WASTES IN BRACKISH WATER FORMATIONS, MARYLAND ...Artificial Recharge; Chemical Water Properties; Cooperative Studies; Maryland; Soil Tillage; Waste Disposal, Underground; Water Resources Planning; ...2.1286

TOCKS ISLAND REGION ENVIRONMENTAL STUDY (TIRES) ...Delaware River; Federal Government -see Gov.; Sewer Systems; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1408

PROBLEMS RELATED TO THE EFFECTS OF HEATED DISCHARGES FROM THERMAL POWER PLANTS ...Administrative Organizations; Energy Conversion; Generators; Heat Recovery, Industrial; Power Plants -see Specifics; Thermal Pollution; ...2.1740

WATER RESOURCES MANAGEMENT IN DELAWARE ...Benefit-cost Analysis; Delaware; Legal Review; Management (water); Water Quality -general; Water Resources Planning; Water Supply -general; ...2.1808

ENVIRONMENT AND TECHNOLOGY ASSESSMENT ...Aquatic Soils, Costs -see Economics Entries; Social Aspects; Thermal Pollution; Water Pollution -see Specifics; ...2.1812

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation, Eastern U. S.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

ILLINOIS AND ITS INTERSTATE COMPACTS ...Administrative Organizations; Community Health Services; Illinois; Legal Review; Urban Environment, Urban Research -general; Water Resources Protection; ...2.1819

CITIZEN WORKSHOPS ON CLEAN WATER FOR AMERICA ...Community - Social Studies; Meetings; Water Quality -general; ...2.1822

THE POLITICAL AND ADMINISTRATIVE PROBLEMS OF INSURING APPROPRIATE RESIDENTIAL SERVICES IN THE PERRY AND CLINTON RESERVOIR AREAS ...Kansas; Legal Studies; Reservoirs and Impoundments, Social Aspects; Taxes - State Or Local; Water Quality Control -general; ...2.1834

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Groundwater; Massachusetts: Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply - general; ...2.1842

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Expenditures; Finance -see Economics Entries; Lakes; Massachusetts; Model Studies; Riparian Rights; Water Pollution Abatement; Water Resources Planning; ...2.1843

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Community - Social Studies; Effluents - Waste Water; Legal Studies; Optimization, Economic; Water Costs; Water Resources Planning; Water Standards & Baselines; Welfare Economics; ...2.1844

COLLABORATIVE PROGRAMS WITH GOVERNMENT AND PRIVATE AGENCIES FOR SOLUTION OF ENVIRONMENTAL PROBLEMS ...Air Pollution; Cooperative Studies; Organizational Research; Water Quality -general; ...2.1852

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Floods; Inventories; Minnesota; Recreation, Water Resources; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1859

A STUDY OF POTENTIAL INSTITUTIONAL ARRANGEMENTS FOR WATER POLLUTION CONTROL IN THE HUDSON-MOHAWK RIVER BASIN ...Administration and Management; Hudson River; Organizational Research; River Basins; Water Quality -general; Water Resources Development; ...2.1878

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries; General Recreation Studies; Long Island Sound; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Resources Planning; ...2.1880

MULTIPURPOSE REGIONAL MARINE SCIENCE CENTER (SEA LAB) ...Agricultural Economics; Economics & Technology; Management; Marketing; Oceanography -general; Water Pollution Effects; ...2.1889

PUBLIC PARTICIPATION IN WATER POLLUTION CONTROL POLICY AND DECISION MAKING ...Community - Social Studies; North Carolina; Social Aspects; Water Quality Control - general; Water Resources Planning; ...2.1891

ECONOMIC EFFECTS OF SUBSIDIES FOR POLLUTION ABATEMENT ...Cost-benefit Analysis; Costs -see Economics Entries; Effluents - Waste Water; Expenditures; Fiscal Analysis - general; Water Pollution Abatement; Water Standards & Baselines; ...2.1914

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA ...Administrative Organizations; Federal Government; Law Enforcement; Local Government; Recreation, Water Resources; State Government; Water Conservation -general, Water Resources Planning; ...2.1915

URBAN WATER POLICY AS AN INPUT IN URBAN GROWTH POLICY ...Land Use; Sewer Systems; Survey Studies (water); Urban Planning; Water Resources Planning; ...2.1916

ATTITUDES, OPINIONS AND GOALS CONCERNING REGIONAL RESOURCE PLANNING AND DEVELOPMENT ...Attitudes & Attitude Change; Computer Methods -general; Economic Planning; Regional Economics; River Basins; Vermont; ...2.1922

PROGRAM PLANNING ON ACTIVITIES OF AGENCIES OF CONCERN TO PUBLIC WATERS ...Biological Water Properties; Fish & Shellfish Biology; Meetings; Vermont; Water Resources Planning; ...2.1923

INTERORGANIZATIONAL STRUCTURE RELATING TO WATER QUALITY ADMINISTRATION AND POLICY ...Administration and Management; Administrative Organizations; Data Acquisition; Organizational Research; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1939

COMPILATION OF READINGS AND CASE MATERIALS ON TECHNOLOGY ASSESSMENT ...Air Pollution -see Specifics; Demography; Noise; Public Health; Solid Waste; Technology - Social Impact; Water Pollution -see Specifics; ...3.0048

NATIONAL CONFERENCE ON SOLID WASTES DISPOSAL SITES ...Disposal; Federal Government -see Gov.; Management (water); Sanitary Landfills; Urban Environment; Waste Disposal-see Solid Waste; ...3.0120

ENVIRONMENTAL POLLUTION PROBLEMS AND ABATEMENT CONTROL ALTERNATIVES ...Air Pollution -see Specifics; Oregon; Political Processes & Systems; ...3.0278

Great Lakes -see Specific Lake

THERMAL MODIFICATION ...Aerosols ; Cirrus; Heat Balance - Budget; Humidity - Water Vapor; New York; Solar Radiation - sunshine; Temperature; Weather Modification; ...1.0024

INTERACTIONS BETWEEN THE GREAT LAKES AND THE ATMOSPHERE ...Air - Sea Boundary Studies; Circulation - Patterns; Condensation Physics; Mesometeorology; Model Studies; Snow Modification; ...1.0377

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

FISH-MERCURY STUDIES IN THE GREAT LAKES ...Chemical Analysis; Contamination - Water; Fish; Mercury; Organic Water Properties; Pesticide in Food Chains; Waterfowl -nonspecific; ...2.0190

MULTIPLICATION OF CLOSTRIDIUM BOTULINUM TYPE E IN THE GREAT LAKES ...Aquatic Plants -nonspecific; Bacterial Exotoxins; Bottom Sampling; Depth (water); Plant Freshwater Ecology; Wisconsin; ...2.0454

RESEARCH ON THE MACROBENTHOS OF THE GREAT LAKES ...Annelida; Benthic Fauna; Fish Food Organisms; Lake Erie; Lakes; Population Dynamics -general; Water Pollutant Identification; ...2.0624

GEO-ENVIRONMENTAL AND MINERAL RESOURCES PROGRAM ...Acoustical Properties; Manganese; Ocean Profiles; Water Pollution Sources; ...2.0863

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Maryland; Ohio; Pipelines; Railroads - see Transportation; Sludge Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific; Algal Physiology; Ecological Effects; Effluents - Waste Water; Forecasting - Prediction; Management; Nutrients; Sewage Treatment Plant; Water Pollutant Identification; ...2.1646

SIMULATION MODELING OF ENVIRONMENTAL EFFECTS OF THERMAL GENERATION ...Atomic Plants; Columbia River; Electric Power Plants; Environment; Model Studies; Simulation Theory; ...2.1759

THE AQUATIC ENVIRONMENT AND ELECTRICAL POWER GENERATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Reactor Sites & Rad Waste; Temperature (water); ...2.1781

NATIONAL AND ENVIRONMENTAL HAZARDS, DISORDERS, ENVIRONMENTAL QUALITY ...Drought - Meteorologic; Floods; Glaciology; Recreation, Water Resources; Seismology; Urban Environment; Urban Research -general; Water Pollution Sources; ...2.1799

SUPPORT OF TWO RESEARCH VESSELS ...Biological Water Properties; Core Analysis; Physical Water Properties; Research Facilities; Thermal Pollution; ...2.1851

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Coastlines - Shorelines; Economics of Natural Resources; Lake Superior; Recreation, Outdoor; Regional Economics; Solid Waste; Tectonics; Water Quality Control - general; ...2.1937

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

MONITORING OF PESTICIDE LEVELS IN THE GREAT LAKES ...Aquatic Ecology - Animal; Fish; Lakes; Pesticide Residue Analysis; Pollution Effects -see Water; ...4.1045

Great Plains Province

EUTROPHICATION OF SMALL RESERVOIRS IN THE GREAT PLAINS ...Algae -nonspecific; Chemical Water Properties; Flood Control Reservoirs; Nebraska; Physical Water Properties; Temporal Distribution; ...2.0238

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Agricultural Runoff; Farm Pond; Precipitation; Precipitation Gages; Sediment Yield; Soil Texture; Survey Studies (water); ...2.0346

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Oklahoma; Remote Sensing; Soil Moisture; Soil Thermal Properties; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Contamination - Soil; Farm Animal Wastes; Groundwater; Playas; Rock - Soil Pollution; Soil Microbiology; Sorghum; Water Pollutants - Path of; ...3.0320

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Economic Losses (or Benefits); Furadan; Malathion; Oleaceae; Pesticide Phytotoxicity; Population Dynamics -general; Thimet; ...4.0433

Great Salt Lake

IMPACT OF AIR POLLUTANTS ON ECOSYSTEMS ...Air Pollution; Air Pollution -see Specifics; Air Pollution Monitoring; Bioindicators; Fumigants -nonspecific; Plant Succession; Reproductive Physiology; ...1.0429

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Currents (water); Engineering Structures-general; Mapping; Shoreline Geomorphology; Structural Mechanics; Surveying; Utah; Waves -see Ocean Waves; ...2.1738

Groundwater

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Nuclear Detonations; Radioactive Fallout; Radiotracers -see Tracers, Snow; Troposphere; ...1.0002

DEVELOPMENT OF A HYDROLOGICAL CONCEPT FOR THE GREATER MOBILE METROPOLITAN-URBAN ENVIRONMENT ...Alabama; Management (water); Saline Water Intrusion; Water Resources Development; ...2.0003

FATE OF TRACE-METALS (IMPURITIES) IN SUBSOILS AS RELATED TO THE QUALITY OF GROUND WATER ...Agricultural Runoff; Lakes; Soil Chemical Properties; Soil Fertility; Soil Organic Content; Soil Texture; Tension and Measurement; Water Pollutants - Path of; Water Wells; ...2.0004

TRACE AND TRACER ELEMENTS IN GROUND WATER: PHASE III ...Arizona; Chemical Analysis (water); Industrial Wastes; Lead; Natural Recharge; Soil Chemical Properties; Water Pollution Sources; Zinc; ...2.0017

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Suspension; Urban Runoff; Water Reuse; Watersheds; ...2.0019

SORPTION AND MOVEMENT OF POLLUTED WATER IN SOIL ...Filtration; Pesticide Movement in Soils; Pesticides -nonspecific; Soil Chemical Properties; Soil Types -also See Specifics; Water Chemistry; ...2.0030

CHARACTERIZATION OF SOIL NONWETTABILITY AND THE DEVELOPMENT OF CRITERIA FOR THE MOST ECONOMIC TREATMENT OF THESE SOILS ...Fire Damage, Recovery; Infiltration; Soil Conditions; Soil Moisture; Soil Types -also See Specifics; Surfactants -see Detergents; ...2.0044

FORTY-YEAR FERTILIZER EFFECTS ON NO3 IN GROUND WATER ...Fertilizers; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0045

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Carbonates; Chemical Effects; Forecasting - Prediction; Groundwater Movement; Mass Transfer; Nuclear; Petrology; Seismology; Water Pollutants - Path of; ...2.0062

PREDICTION OF MINERAL QUALITY OF RETURN FLOW WATER FROM IRRIGATED LAND ...Computer Models; Effluents r Waste Water; Irrigation; Percolation (water); Soil Chemical Properties; Water Storage; ...2.0067

BEHAVIOR OF POLLUTANTS IN WATER ...Degradation; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides - nonspecific; Soil Moisture; Water Pollutants - Path of; ...2.0074

HYDROLOGIC STUDIES LEADING TO SITE UTILIZATION ...Adsorption Capacity; Management (water); Sediment Transport; Soil Tillage; Water Utilization -general; ...2.0075

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Freezing & Below; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

THE QUANTITY & MOVEMENT OF NITRATES IN SOIL WATER IN TWO CONNECTICUT SOILS TREATED WITH HIGH & LOW LEVELS OF INORGANIC NITROGEN FERTILIZER ...Fertilizers; Lysimeters; Soil Depth; Soil Moisture; Tension and Measurement; Zea Mays - Field Corn; ...2.0089

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality -general; Water Table - Depth of; ...2.0096

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

SALINE WATER POLLUTION OF POTABLE WATER SUPPLIES THROUGH DEEP ARTESIAN WELLS ...Aquifers; Environmental Changes; Mans Pollutional Activities; Saline Water Intrusion; Water Wells; ...2.0107

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch, Georgia; Groundwater Movement; Lithology; Natural Recharge; Petrology; Specific Rock Unit; Water Table; ...2.0112

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Forest Watersheds; Hydrographs; Piedmont Province; Rainfall - Runoff Relationship; Slope; Soil Density; Soil Moisture; Water Table; ...2.0113

STUDY OF CAUSES AND CONTROL OF GROUND WATER INFILTRATION INTO SEWERS ...Canada; Infiltration, Overflow - see Fluid Mechanics; Sewer Systems; Survey Studies (water); ...2.0123

SALINE WATER RESOURCES OF INDIANA ...Cooperative Studies; Indiana; Recovery - Production; Saline Water Intrusion; Water Pollutants - Path of; ...2.0138

EFFECT OF MINERAL ELEMENTS ON YIELD AND COMPOSITION OF CROPS AND ON SOIL CONDITIONS ...Fertilizers; Mineral Nutrition; Mineralogy; Soil Chemical Properties; Soil Conditions; Water Pollutants - Path of; ...2.0148

CONTROL OR PREVENTION OF SOIL AND WATER POLLUTION FROM FERTILIZERS ...Aquatic Soils; Microorganisms - nonspecific; Rock - Soil Pollution; Soil Chemical Properties; Soil Microbiology; Water Quality Control -general; ...2.0170

HIGHWAY DRAINAGE STUDY ...Drainage; Drainage Systems; Maryland; Sewer Systems; Transportation Design; ...2.0172

WATER POLLUTION FROM SANITARY LANDFILLS ...Landfills -see Water Pollution; Massachusetts; New Hampshire; Sanitary Landfills; Solid Waste; Waste Disposal on Soils; ...2.0181

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN MASSACHUSETTS ...Leaching; Massachusetts; Salinity (water); Soil Chemical Properties; Water Pollutants - Path of; ...2.0183

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN NEW HAMPSHIRE ...Cooperative Studies; Mans Pollutional Activities; Permeability; Soil Permeability; Water Pollutants - Path of; ...2.0184

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

DEVELOPMENT OF A MATHEMATICAL MODEL TO PREDICT THE ROLE OF SURFACE RUNOFF AND GROUND WATER FLOW IN OVERFERTILIZATION OF SURFACE WATERS ...Agricultural Runoff; Eutrophication; Mathematical Models; Minnesota; Phosphorus and Phosphorus Cpds; Water Balance - Budget; ...2.0206

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0210

NITRATES IN PLANTS AND WATER SUPPLIES FROM NITROGEN FERTILIZATION ...Agricultural Runoff; Clay Soils; Soil Depth; Soil Types -also See Specifics; Water Wells; ...2.0223

GEOLOGICAL FACTORS RELATING TO SURFACE AND GROUNDWATER POLLUTION ...Geology -general; Missouri; Sewage Lagoons; Water Quality -general; ...2.0224

SALT POLLUTION OF GROUNDWATER ...Artificial Recharge; Fluid Mechanics; Fresh Water; Groundwater Movement; Management (water); Saline Water Intrusion; ...2.0225

EVALUATION OF SUBSURFACE MOVEMENT OF LEACHATES PRODUCED FROM SANITARY LANDFILLS ...Environmental Geology; Groundwater Movement; Leaching; Mathematical Models; Missouri; Sanitary Landfills; Water Quality -general; ...2.0228

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Models of Biological Systems; Soil Chemical Properties, Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Contamination - Soil; Farm Animal Wastes; Snowmelt Runoff; Soil Microbiology; Urine; Water Pollutants - Path of; ...2.0242

DISSOLVED CONSTITUENTS OF NATURAL WATERS - CONTRIBUTIONS FROM MINERALIZED AREAS ...Acid Mine Wastes; Geochemical Analysis (water); Mineralogical Properties; Sediment Lithification; ...2.0244

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Erosion; Forecasting - Prediction; Leaching; Model Studies; Nitrogen and Nitrogen Cpds.; Rain; Soil Moisture; Temperature - Air; ...2.0250

SOIL AND WATER MANAGEMENT FOR SALINITY CONTROL - PHASE II ...Leaching, New Mexico; Pesticides -nonspecific; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; Water Pollutants - Path of; ...2.0253

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers, Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties, Spoil Banks; Tectonics; Weathering Products; ...2.0308

THE CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PETROCHEMICAL WASTES ...Chemical Industry; Chemical Manufacturing Wastes; Industrial Wastes; Petroleum Industry; Petroleum Wastes - Spillage; Water Pollution Effects; ...2.0310

GEOCHEMISTRY OF OILFIELD BRINES ...Analysis and Detection; Bromine; Gas -natural; Mineralogical Water Properties; Origin; Petroleum Wastes - Spillage; Trace Analysis; ...2.0312

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Pesticide Aquatic Cycling; Pesticides -non-specific; Radiochemical Analysis; Soil Chemical Properties, Water Pollutants - Path of; Water Quality -general; ...2.0314

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Drilling Operation; Iron; Pennsylvania; Underground Workings; Water Table; ...2.0340

SANITARY LANDFILLS IN COAL STRIP MINES ...Coal; Leaching; Sanitary Landfills; Water Pollutants - Path of; Water Quality Control -general; ...2.0341

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL ...Computer Methods -general; Contamination; Development of Models; Forecasting - Prediction; Land Use; Mathematical Models; Model Studies; Waste Disposal on Soils; Water Quality Control -general; ...2.0343

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination; Eastern U. S.; Landfill; Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

GROUNDWATER QUALITY AND THE HYDROLOGIC BUDGET IN A VALLEY UNDERLAIN BY CARBONATE ROCKS ...Carbonates; Mineralogy; Soil Tillage; Water Quality - general; ...2.0350

RADIONUCLIDE MOVEMENT IN GROUNDWATER ...Flow Characteristics (water); Groundwater Movement; Radioisotopes; Seepage (water); Water Pollutants - Path of; Water Pollution Sources; ...2.0356

GROUND WATER CONTAMINATION RESULTING FROM WASTE DISPOSAL ...Solid Waste; South Dakota; Water Pollutants - Path of; Water Pollution Effects; Water Pollution Sources; ...2.0360

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Data Reduction and Analysis; Geology -general; Hydraulics; Texas; Water Pollution Sources; Water Supply -general; Water Wells; ...2.0375

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Baseflow; Fresh Water; Groundwater Basins; Permian Period; Saline Water Intrusion; Seepage (water); Tectonics; Water Pollution Sources; ...2.0376

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Infiltration; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

WATER QUALITY HYDROLOGY OF LANDS RECEIVING FARM ANIMAL WASTES ...Agricultural Runoff; Bos; Farm Animal Wastes; Plowing; Waste Disposal on Soils; ...2.0379

EFFECTS OF FURROW, SPRINKLER AND SUBIRRIGATION METHODS ON POTENTIAL POLLUTION OF GROUNDWATER BY NITRATES AND OTHER SOLUTES ...Economic Feasibility; Furrow Irrigation; Irrigation; Nitrification; Soil Moisture; Subsurface Irrigation; Water Pollutants - Path of; ...2.0381

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Pliocene Epoch; Silting (water) -see Sediment; Water Bacteria; Water Pollution Sources; ...2.0386

MINIMIZING SOIL AND WATER POLLUTION FROM FERTILIZERS AND IRRIGATION WATERS--RIO GRANDE PLAIN ...Denitrification; Effluents - Waste Water; Rio Grande River; Soil Analysis; Soil Profile; ...2.0391

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Activated Sludge; Environmental Hazards; Landfill; Precipitation; Sanitary Sewage Quantity; Sewage Lagoons; Trickling Filters; ...2.0442

GROUND WATER POLLUTION FROM SANITARY LANDFILLS AND REFUSE DUMP GROUNDS - A CRITICAL LITURATURE REVIEW ...Literature Search; Sanitary Landfills; Wisconsin; ...2.0456

ORGANIC COMPOUNDS IN ALASKA PERMAFROST GROUNDWATER ...Alaska; Permafrost - Frozen Soils; Thin Layer Chromatography; Water Pollutant Identification; ...2.0471

MINERAL ANALYSIS OF WATER ...Acidity (water); Chemical Analysis (water); Mineralogical Water Properties; Rural Areas; Water Quality Control -general; ...2.0480

HYBRID COMPUTER SIMULATION OF GROUND-WATER BASINS ...California; Computer Models; Data Networks; Development of Models; Simulation Theory; Training Grants, Fellowships; Water Quality Control -general; ...2.0492

WATER QUALITY ASSESSMENT AND POLLUTION CONTROL ...Biological Water Properties; Data Networks; Irrigation; Physical Water Properties; Sewage; Water Pollution Abatement; ...2.0510

A SYSTEM FOR GEOLOGIC EVALUATION OF POLLUTION POTENTIAL AT MOUNTAIN DWELLING SITES ...Data Reduction and Analysis; Percolation (water); Sewage; Water Pollutant Identification; ...2.0521

GEOCHRONOLOGY, C-14 METHOD ...Carbon - 14 Dating; Paleoclimatology, Sea Level Changes; Tectonics; ...2.0534

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp. -non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering - geologic; ...2.0566

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Borehole Geophysics; Burial; Idaho; Isotope Tracer -see Tracers; Radioisotopes; Waste Water -general; Water Pollution Sources; ...2.0569

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo.; Chemical Analysis (water); Environmental Geology; Hydrographs; Land Use; Soil Tillage; Water Quality -general; Water Table; Water Wells; ...2.0570

AN INVESTIGATION OF FACTORS RELATIVE TO GROUND-WATER RECHARGE IN IDAHO ...Idaho; Natural Recharge; Waste Disposal-see Solid Waste; Water Purification; ...2.0572

SAND AND GRAVEL AQUIFERS OF NORTHEASTERN ILLINOIS ...Aquifers; Artificial Recharge; Illinois; Size; Surficial Geology Studies; Water Resources Development; ...2.0579

TAXONOMY AND PHYSIOLOGY OF PROTOZOA IN CAVE STREAMS AND POOLS ...Animal Distribution; Aquatic Ecology - Animal; Invertebrate Physiology; Optical Properties of Water; Pollution Effects -see Water; Taxonomy -animal; Water Pollution Sources; ...2.0600

WATER RESOURCES OF THE BOWLING GREEN AREA, KENTUCKY ...Aquifers; Cooperative Studies; Floods; Groundwater Movement; Land Use; Water Resources Planning; Water Supply - general; ...2.0602

WATER RESOURCES OF COPIAH COUNTY ...Aquifers; Chemical Analysis (water); Geophysical Analysis, Groundwater Basins; Mississippi; Water Quality -general; Water Table; ...2.0649

WATER RESOURCES OF RANKIN COUNTY ...Aquifers; Mississippi; Water Supply Augmentation; Water Wells; ...2.0650

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

HYDROGEOLOGY OF PUBLIC GROUND WATER SUPPLIES IN PENNSYLVANIA ...Chemical Analysis (water); Management (water); Potomac River; Susquehanna River; Water Yield; ...2.0753

DETECTION AND LOCATION OF CONCEALED ABANDONED UNDERGROUND MINES AND ASSOCIATED DRAINAGE BY GEOPHYSICAL AND GEOCHEMICAL TECHNIQUES ...Drainage; Dyes; Geophysical Analysis; Infrared Radiation; Seismology; Water Pollution Sources; ...2.0760

CHEMO-DYNAMICS OF LIMESTONE GROUNDWATER ...Aquifers; Chemical Analysis (water); Geochemical Analysis (water); Groundwater Movement; Limestone-general; Model Studies; Water Quality Control -general; ...2.0766

GEOHYDROLOGY OF SHALLOW AQUIFERS IN HENRY AND WEAKLEY COUNTIES, TENNESSEE ...Aquifers; Chemical Analysis (water); Geophysical Analysis; Permeability; Tennessee; Water Wells; ...2.0803

ADVANCE WARNING OF GROUND-WATER POLLUTION HAZARDS, WITH SPECIAL REFERENCE TO AQUIFERS IN GLACIAL OUTWASH ...Aquifers; Geophysical Analysis; Stratification (water); Water Pollutant Identification; ...2.0842

WATER REOURCES OF SOUTHEASTERN WISCONSIN - RACINE AND KENOSHA COUNTIES ...Chemical Water Properties, Hydrographs; Recharge (water); Water Quality -general; Water Table; Water Wells; ...2.0856

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl. Adsorption); Arsenic; Chemical Properties; Contamination - Soil; Industrial Wastes; Particulates - Air Pollution; Precipitation; Soil Chemical Properties; Water Pollutants - Path of; ...2.0862

APPLICATION OF REMOTE SENSING TO HYDROGEOLOGY ...Baseflow; Geology -general; Groundwater Movement; Sanitary Landfills; Soil Tillage; Water Resources Planning; ...2.0866

AERATION OF LAGOONS IN RIGOROUS CLIMATE AREAS ...Aeration (water); Pilot Plants; Sewage Lagoons; Urban Environment; Water Pollution Effects; ...2.0869

THE EFFECTIVENESS OF CONTACT FILTER FOR THE REMOVAL OF IRON FROM GROUND WATER ...Filtration; Flocculation; Oxidation; Pilot Plants; Water Chemistry; ...2.0871

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Flood Irrigation; Potable Water; Recreation, Water Resources; Septic Tanks; Sewage - Domestic; Water Wells; ...2.0883

FACTORS AFFECTING MINE DRAINAGE AND THE GROUND WATER INTERACTIONS IN SELECTED AREAS OF WESTERN PENNSYLVANIA (PART 2) ...Acid Mine Drainage; Aquifers; Chemical Analysis (water); Groundwater Movement, Pennsylvania; Strip Mines; ...2.0938

CARTRIDGE FILTRATION FOR IRON AND MANGANESE REMOVAL ...Coagulation; Demineralization; Filtration; Ion Exchange; Oxidation, Pollutant Removal; ...2.0939

EVALUATION OF C-14 DATING OF GROUND WATER ...Aquifers; Carbon; Geochemical Analysis (water); Radiologic Warfare; Water Pollution Sources; ...2.0992

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Chemical Analysis -general; Farm Animal Wastes; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Moisture; Soil Organic Content; Sprinkler Irrigation; Water Table; ...2.0994

INVESTIGATION OF PERMEABILITY OF FINE GRAINED GLACIAL SEDIMENTS IN RELATION TO WASTE DISPOSAL IN ILLINOIS ...Aquifers; Drainage; Illinois; Land Use; Permeability; Till; Water Quality Control -general; ...2.1006

MINIMIZING NITRATE POLLUTION OF GROUNDWATER AND STREAMS ...Absorption (incl. Adsorption); Nitrogen Cycle -see Denitrif., Rhizosphere; Soil Profile; ...2.1013

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacterial Pollutant Sources; Coliforms -nonspecific; Filtration; Foreign Agriculture; Hydrolysis, Esterification; Pilot Plants, Recharge (water); Sediments; Turbidity (water); ...2.1023

DISPOSAL OF HEATED WATER THROUGH GROUND WATER SYSTEMS ...Economic Studies -general; Mathematical Models; Physical Models; Thermal Pollution; Water Wells; ...2.1025

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Irrigation Engineering, Recharge Pits - Wells (water); Soil Profile; ...2.1026

ANIMAL WASTE UTILIZATION FOR POLLUTION ABATEMENT ...Agricultural Runoff; Farm Animal Wastes; Livestock - nonspecific; Soil Microbiology; Waste Disposal on Soils; ...2.1053

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Data Reduction and Analysis; Forecasting - Prediction; Land Use; Mans Pollutional Activities; Sewage; Waste Disposal-see Solid Waste; Water Quality -general; ...2.1054

MINING-POLLUTION CONTROL TECHNOLOGY - OIL PRODUCTION GROUND-WATER RECLAMATION BY SELECTIVE PUMPING ...Brines; Groundwater Basins; Petroleum Industry; Petroleum Research; Recovery - Production; Waste Material Recovery; ...2.1082

POTOMAC RIVER BASIN PROJECT ...Alluvium - Alluvial; Drilling and Coring; Mapping, River Basins; Water Table; ...2.1117

SPREADING TREATED SEWAGE FOR GROUNDWATER RECHARGE ...Activated; Arizona; Artificial Recharge; Disposal; Sewage; Waste Management -see Specific; ...2.1151

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

DRAIN DESIGN FOR NITRATE REDUCTION IN GROUND WATER ...California; Drainage Engineering; Nitrogen and Nitrogen Cpds.; Soil Organic Content; Water Table - Depth of; ...2.1171

NUTRIENT REMOVAL FROM AGRICULTURAL WASTE WATER ...Algae -nonspecific; Drainage; Nutrients; Water Pollution Sources; ...2.1176

FURTHER STUDIES OF INFILTRATION ...Disposal; Drainage; Infiltration; Saturated- Unsaturated Soils; Subsurface Runoff; Waste Water Treatment -general; ...2.1183

ECOLOGICAL AND PHYSIOLOGICAL IMPLICATIONS OF GREENBELT IRRIGATION ...California; Fire Prevention; Irrigation; Plant Ecology -nonspecific; Sewage; Waste Disposal on Soils; ...2.1189

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Foreign Agriculture; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Sewage; Water Pollution Abatement; Water Quality -general; ...2.1196

MICROBIAL TRANSFORMATION OF POULTRY LITTER AND ITS RELATION TO WATER POLLUTION ...Agricultural Runoff; Cellular Catabolism-see Degrad; Nitrogen Bacteria; Soil Microbiology; ...2.1232

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth, Water Levels; ...2.1272

CRITERIA FOR WASTE-DISPOSAL SITES IN THE KANSAS RIVER VALLEY ...Alluvium - Alluvial; Chemical Analysis (water); Kansas; Scouring, Waste Disposal-see Solid Waste; Water Depth, Water Levels; Water Table; ...2.1273

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Glaciology; Lysimeters; Ponds; Soil Moisture; Soil Types - also See Specifics; Till; Water Pollutants - Path of; ...2.1285

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Animal Wastes - Feed Lots; Chemical Analysis (water); Escherichia Coli; Farm Animal Wastes; Lysimeters; Physical Models; Salmonella -nonspecific & - ot.; Waste Disposal on Soils; ...2.1288

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

FORAGE CROP IRRIGATION WITH OXIDATION POND EFFLUENT ...Agricultural Runoff; Coliforms -nonspecific; Furrow Irrigation; Mississippi; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sorghum; Storm Water; Water Table; ...2.1316

ADVANCED WASTE TREATMENT FOR WATER RECLAMATION AND REUSE BY INJECTION ...Aquifers; Effluent-standards; Optimization, Economic; Water Reuse; ...2.1347

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Industrial Wastes; Organic Matter; Seepage (water); Sewage Lagoons; Waste Management -see Specific; Water Pollutants - Path of; Water Quality -general; ...2.1360

THE CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF IRRIGATION RETURN FLOWS ...Irrigation; Water Pollution Effects; Water Reuse; ...2.1382

ADSORPTION OF VIRUS-SIZED PARTICLES IN POROUS MEDIA ...Artificial Recharge; Forecasting - Prediction; Groundwater Recharge-see Rechg; Viral Pollutant Sources; Water Pollution -see Specifics; Water Supply Augmentation; ...2.1387

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Mineralogical Water Properties; Sprinkler Irrigation; Water Application Methods; Water Quality Control -general; ...2.1418

INVESTIGATION OF RICE IRRIGATION RETURN FLOWS - TEXAS COASTAL PRAIRIE REGION ...Agricultural Runoff; Fertilizers; Irrigation; Pesticides -nonspecific; Soil Fertility; Water Quality -general; ...2.1421

USE OF POLYMERS TO REDUCE OR ELIMINATE SEWER OVERFLOW IN THE BACHMAN CREEK SEWER ...Electrochemistry; Infiltration; Pipe; Storm Sewer Quantity; Storm Water; ...2.1428

DEVELOPMENT OF SYSTEMS FOR GROUND WATER RECHARGE INTO THE OGALLALA FORMATION ...Agricultural Runoff; Filtration; Playas; Ponds; Specific Rock Unit; Texas; ...2.1430

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

METHODS TO REDUCE WATER POLLUTION CAUSED BY STORM WATER SEWER LOADING BY USING FLUID FLOW FRICTION REDUCERS ...Chemical Mechanisms & Kinetics; Electrochemistry; Pipe; Sewage - Domestic; ...2.1432

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Infiltration; Pesticide Residues Removal; Pesticides -see Pesticide; Sewage; Soil Organic Content; Waste Water Treatment -general; ...2.1540

APPLICATION OF SEWAGE SLUDGE TO FIELD CROPS ...Denitrification; Disposal; Microorganisms -nonspecific; Sewage; Waste Digestion; ...2.1548

WATER QUALITY - CEDAR BLUFF IRRIGATION DISTRICT, KANSAS ...Chemical Water Properties; Effluents - Waste Water; Kansas; Salinity (water); Seepage (water); Water Quality -general; ...2.1556

EFFECTS OF RECENT AND PAST PHOSPHATE FERTILIZATION ON THE AMOUNTS OF PHOSPHORUS PERCOLATING THROUGH SOIL PROFILES INTO SUBSURFACE WATERS. ...Adsorption; Fertilizers; Mineralogy; Model Studies; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Organic Content; ...2.1616

STUDY OF POSSIBLE EFFECTS OF STRIP COAL MINING ON THE HYDROLOGICAL REGIMEN IN EASTERN MONTANA ...Coal; Mine Wastes; Montana; Rainfall - Runoff Relationship; Soil Tillage; Water Pollution Sources; Water Storage; ...2.1630

INFLUENCE OF FERTILIZER PRACTICES ON WATER AND THE QUALITY OF THE ENVIRONMENT ...Animal Wastes - Feed Lots; Mans Pollutional Activities; Soil - Crop Relationships; Soil Nutrient Cycling; Water Table; ...2.1635

HYDROLOGY OF THE CRYSTALLINE ROCK SYSTEM IN SOUTHEASTERN STATES ...Alabama; Maryland; Petrology; Piedmont Province; Southeast U. S.; Water Quality -general; Water Yield; ...2.1660

THE DETERMINATION OF GROUND WATER INFILTRATION & THE EFFECTS OF INTERNAL CHEMICAL SEALING OF SANITARY SEWERS ...Building Design; Infiltration; Pipe; Residential Buildings; Sanitary Sewage Quantity; Sewer Maintenance; Water Table; ...2.1671

BACTERIAL ADSORPTION ON SOILS ...Adsorption; Bacterial Pollutant Sources; Forecasting - Prediction; Recharge (water); Soil Moisture; Water Pollutants - Path of; Water Wells; ...2.1737

GEOLOGIC AND HYDROLOGIC STUDIES RELATED TO SPECIFIC POLLUTION PROBLEMS ...Alabama; Geology - general; Soil Tillage; Water Quality -general; ...2.1785

A SYSTEM APPROACH FOR INTEGRATING GROUNDWATER AND SURFACE-WATER USE ...California; Systems Analysis - Water Mgmt; Waste Water Treatment -general; Water Quality - general; Water Utilization -general; ...2.1787

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

METHODOLOGY FOR INTEGRATING WATER QUALITY MANAGEMENT WITH THE MANAGEMENT OF THE TOTAL WATER RESOURCES IN MINNESOTA ...Data Acquisition; Management (water); Minnesota; Water Quality Control -general; Water Supply Development; ...2.1858

EFFECT OF WATER MANAGEMENT ON QUALITY OF GROUND WATER AND SURFACE RECHARGE IN LAS VEGAS VALLEY ...Management (water); Nevada; Recharge (water); Water Pollutants - Path of; Water Resources Planning; ...2.1866

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

GOVERNMENTAL AND PRIVATE SERVICES ...Air Pollution; Consultants, Advisory Services; Solid Waste Management; Waste Disposal-see Solid Waste; Waste Management -see Specific; Water Quality Control -general; ...2.1871

APPRAISAL OF WATER MANAGEMENT INSTITUTIONS - SURVEY OF OREGON WATER LAW ...Administrative Organizations; Legal Review; Northwest U. S.; Survey Studies (water); Water Standards & Baselines; ...2.1901

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Land Use; Percolation (water); Primary Treatment; Secondary Treatment; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1907

SOME LEGAL, SOCIAL AND ECONOMIC PROBLEMS OF GROUNDWATER POLLUTION ...Attitudes & Attitude Change; Legal Studies; Sewage Treatment Plant; Water Costs; Water Quality Control -general; ...2.1910

LEGAL ASPECTS OF WATER RIGHTS AND WATER QUALITY IN EASTERN STATES ...Appropriation; Eastern U. S.; Legal Review; Riparian Rights; Water Allocation; Water Quality - general; Wisconsin; ...2.1931

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots; Contamination - Soil; Cynodon; Farm Animal Wastes; Fertilizer Toxicity; Rain; Soil Chemical Properties; Waste Disposal on Soils; ...3.0005

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Flume Studies; Irrigation; Planting Methods; Rock - Soil Pollution; Soil Chemical Properties; Soil Profile; Waste Disposal on Soils; ...3.0008

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Alkalinity (water); Bacterial Studies -general; Coliforms - nonspecific; Farm Animal Wastes; Farm Pond; Mineralogical Water Properties; Sewage Lagoons; Streptococcus Fecalis; ...3.0059

SOIL AND WATER MANAGEMENT SYSTEMS FOR DISPOSAL OF DAIRY AND POULTRY WASTES ...Animal Wastes - Feed Lots; Denitrification; Soil Organic Content; Waste Disposal on Soils; ...3.0076

NITRATE POLLUTION FROM DISPOSAL OF DAIRY WASTE ...Animal Wastes - Feed Lots; Drainage; Mineral Nutrition; Soil Profile; Waste Disposal on Soils; ...3.0077

CATTLE FEEDLOT WASTE AND AIR AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Bos; Chlortetracycline; Farm Animal Wastes; Hydrographs; Process Design; ...3.0092

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

WASTE DISPOSAL IN RURAL AREAS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Connecticut; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rural Areas; Septic Tanks; Waste Disposal on Soils; Water Pollutant Identification; ...3.0098

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Illinois; Leaching; Soil Tillage; Waste Disposal on Soils; ...3.0133

EVALUATION OF MEAT ANIMAL HOUSING SYSTEMS IN RELATION TO POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Dust; Farm Structures & Design; Space Requirements; Wind -see Air Motion; ...3.0209

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

ACID EMULSION BREAKING - ACTIVATED SLUDGE FOR BAKERY WASTE ...Activated Sludge; Disposal; New York; Waste Water Treatment -general; ...3.0230

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment, Trickling Filters; Waste Disposal on Soils; Water Quality Control -general; ...3.0279

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0298

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

FARM WASTE DISPOSAL ...Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Farm Animal Wastes; Irrigation; Model Studies; Physical Models; Sewage Lagoons; Tennessee; ...3.0316

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Contamination - Soil; Farm Animal Wastes; Playas; Rock - Soil Pollution; Soil Microbiology; Sorghum; Water Pollutants - Path of; ...3.0320

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Analysis and Detection; Biochemical Oxygen Demand; Effluent-standards; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Septic Tanks; Silty Soils; Water Pollutant Identification; ...3.0350

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Fertilizers; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Cotoran; Environment Accumulation Rates; Gossypium; Liquids Or Sprays; Pesticide Movement in Soils; Pesticides -see Pesticide; Rain; Trifluralin; ...4.0061

FATE OF POLLUTANTS IN GROUND WATER ...Aquifers; Pesticides -see Pesticide; Texas; Water Wells; ...4.0062

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Ipazine; Pesticides -see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides - nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Dichlobenil; Pesticide Legal Aspects; Pesticide Persistance in Soils; Soil Chemical Properties; Terbucil; Water Pollutants - Path of; ...4.1091

Groundwater Basins

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure -other; Water Reuse; ...2.0031

VENTURA CALIFORNIA COOP ...Aquifers; Fresh Water; Mapping; Marine Geology; Ocean Profiles; Salinity; Seismology; Tectonic History - Mountains; ...2.0038

THE TRANSIENT BEHAVIOR OF RECHARGE-DISCHARGE AREAS IN REGIONAL GROUND WATER SYSTEMS ...Aquifers; Industrial Wastes; Mathematical Analysis; Recharge (water); Water Pollution Sources; ...2.0173

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Baseflow; Fresh Water; Permian Period; Saline Water Intrusion; Seepage (water); Tectonics; Water Pollution Sources; ...2.0376

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

DIGITAL COMPUTER MODELING OF LIMESTONE GROUNDWATER SYSTEMS ...Aquifers; Computer Models; Forecasting - Prediction; Limestone-general; Mathematical Models; Water Pollutants - Path of; Water Wells; ...2.0601

WATER RESOURCES OF COPIAH COUNTY ...Aquifers; Chemical Analysis (water); Geophysical Analysis; Groundwater; Mississippi; Water Quality -general; Water Table; ...2.0649

ADVANCE WARNING OF GROUND-WATER POLLUTION HAZARDS, WITH SPECIAL REFERENCE TO AQUIFERS IN GLACIAL OUTWASH ...Aquifers; Geophysical Analysis; Groundwater; Stratification (water); Water Pollutant Identification; ...2.0842

FACTORS AFFECTING MINE DRAINAGE AND THE GROUND WATER INTERACTIONS IN SELECTED AREAS OF WESTERN PENNSYLVANIA (PART 2) ...Acid Mine Drainage; Aquifers; Chemical Analysis (water); Groundwater; Groundwater Movement; Pennsylvania; Strip Mines; ...2.0938

DISPERSION DURING FLOW IN HETEROGENEOUS POROUS MEDIA ...Data Reduction and Analysis; Fluid Mechanics; Groundwater Movement; Isotope Tracer -see Tracers; Model Studies; Seepage (water); Water Pollutants - Path of; ...2.1014

MINING-POLLUTION CONTROL TECHNOLOGY - OIL PRODUCTION GROUND-WATER RECLAMATION BY SELECTIVE PUMPING ...Brines; Petroleum Industry; Petroleum Research; Recovery - Production; Waste Material Recovery; ...2.1082

EVALUATION OF GROUNDWATER RESOURCES, LIVERMORE VALLEY, CALIFORNIA ...California; Flow Characteristics (water); Management (water); Model Studies; Soil Tillage; Water Quality -general; ...2.1789

Groundwater Movement

TRACE AND TRACER ELEMENTS IN GROUND WATER: PHASE III ...Arizona; Chemical Analysis (water); Groundwater; Industrial Wastes; Lead; Natural Recharge; Soil Chemical Properties; Water Pollution Sources; Zinc; ...2.0017

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Baseflow; Forecasting - Prediction; Model Studies; Reservoirs and Impoundments; Rural Areas; Soil Chemical Properties; Waste Disposal on Soils; Water Table; ...2.0046

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Carbonates; Chemical Effects; Forecasting - Prediction; Mass Transfer; Nuclear; Petrology; Seismology; Water Pollutants - Path of; ...2.0062

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality -general; Water Table - Depth of; ...2.0096

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Georgia; Lithology; Natural Recharge; Petrology; Specific Rock Unit; Water Table; ...2.0112

THE TRANSIENT BEHAVIOR OF RECHARGE-DISCHARGE AREAS IN REGIONAL GROUND WATER SYSTEMS ...Aquifers; Groundwater Basins; Industrial Wastes; Mathematical Analysis; Recharge (water); Water Pollution Sources; ...2.0173

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN MASSACHUSETTS ...Groundwater; Leaching; Massachusetts; Salinity (water); Soil Chemical Properties; Water Pollutants - Path of; ...2.0183

DEVELOPMENT OF A MATHEMATICAL MODEL TO PREDICT THE ROLE OF SURFACE RUNOFF AND GROUND WATER FLOW IN OVERFERTILIZATION OF SURFACE WATERS ...Agricultural Runoff; Eutrophication; Groundwater; Mathematical Models; Minnesota; Phosphorus and Phosphorus Cpds; Water Balance - Budget; ...2.0208

SALT POLLUTION OF GROUNDWATER ...Artificial Recharge; Fluid Mechanics; Fresh Water; Management (water); Saline Water Intrusion; ...2.0225

EVALUATION OF SUBSURFACE MOVEMENT OF LEACHATES PRODUCED FROM SANITARY LANDFILLS ...Environmental Geology; Groundwater; Leaching; Mathematical Models; Missouri; Sanitary Landfills; Water Quality -general; ...2.0228

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Drilling Operation; Groundwater; Iron; Pennsylvania; Underground Workings; Water Table; ...2.0340

SANITARY LANDFILLS IN COAL STRIP MINES ...Coal; Groundwater; Leaching; Sanitary Landfills; Water Pollutants - Path of; Water Quality Control -general; ...2.0341

GROUNDWATER QUALITY AND THE HYDROLOGIC BUDGET IN A VALLEY UNDERLAIN BY CARBONATE ROCKS ...Carbonates; Groundwater; Mineralogy; Soil Tillage; Water Quality -general; ...2.0350

RADIONUCLIDE MOVEMENT IN GROUNDWATER ...Flow Characteristics (water); Groundwater; Radioisotopes; Seepage (water); Water Pollutants - Path of; Water Pollution Sources; ...2.0356

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Baseflow; Fresh Water; Groundwater Basins; Permian Period; Saline Water Intrusion; Seepage (water); Tectonics; Water Pollution Sources; ...2.0376

RADIOCARBON AS A TRACER IN GROUND WATER PROBLEMS ...Aquifers; Carbon - 14 Dating; Permeability; Radioisotopes; Recharge (water); Waste Disposal-see Solid Waste; ...2.0475

A SYSTEM FOR GEOLOGIC EVALUATION OF POLLUTION POTENTIAL AT MOUNTAIN DWELLING SITES ...Data Reduction and Analysis; Groundwater; Percolation (water); Sewage; Water Pollutant Identification; ...2.0521

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering -geologic; ...2.0566

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Borehole Geophysics; Burial; Groundwater; Idaho; Isotope Tracer -see Tracers; Radioisotopes; Waste Water - general; Water Pollution Sources; ...2.0569

WATER RESOURCES OF THE BOWLING GREEN AREA, KENTUCKY ...Aquifers; Cooperative Studies; Floods; Land Use; Water Resources Planning; Water Supply -general; ...2.0602

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

CHEMO-DYNAMICS OF LIMESTONE GROUNDWATER ...Aquifers; Chemical Analysis (water); Geochemical Analysis (water); Groundwater; Limestone-general; Model Studies; Water Quality Control -general; ...2.0766

WATER REOURCES OF SOUTHEASTERN WISCONSIN - RACINE AND KENOSHA COUNTIES ...Chemical Water Properties; Groundwater; Hydrographs; Recharge (water); Water Quality -general; Water Table; Water Wells; ...2.0856

APPLICATION OF REMOTE SENSING TO HYDROGEOLOGY ...Baseflow; Geology -general; Sanitary Landfills; Soil Tillage; Water Resources Planning; ...2.0866

FACTORS AFFECTING MINE DRAINAGE AND THE GROUND WATER INTERACTIONS IN SELECTED AREAS OF WESTERN PENNSYLVANIA (PART 2) ...Acid Mine Drainage; Aquifers; Chemical Analysis (water); Groundwater; Pennsylvania; Strip Mines; ...2.0938

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Diffusion; Organic Matter; Oxidation; Polarography; Septic Tanks; Soil Chemical Properties; Soil Moisture; ...2.0989

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Contamination; Landfill; Sanitary Landfills; Waste Disposal on Soils; ...2.1007

DISPERSION DURING FLOW IN HETEROGENEOUS POROUS MEDIA ...Data Reduction and Analysis; Fluid Mechanics; Isotope Tracer -see Tracers; Model Studies; Seepage (water); Water Pollutants - Path of; ...2.1014

DISPOSAL OF HEATED WATER THROUGH GROUND WATER SYSTEMS ...Economic Studies -general; Groundwater; Mathematical Models; Physical Models; Thermal Pollution; Water Wells; ...2.1025

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Filters - Porous Materials; Flow Characteristics (water); Irrigation Engineering; Recharge Pits - Wells (water); Soil Profile; ...2.1026

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Aquifers; Cultural Control; Eutrophication; Landfill; Nutrients; Sanitary Landfills; Waste Disposal-see Solid Waste; ...2.1047

SHALLOW GROUND-WATER FLOW SYSTEMS IN RELATION TO INDUSTRIAL AND MUNICIPAL WATER SUPPLY AND WASTE DISPOSAL REQUIREMENTS ...Canning Wastes -see Food Proc.; Farm Animal Wastes; Pond; Pulp and Paper Wastes; Soil Tillage; Urban Research -general; ...2.1138

FURTHER STUDIES OF INFILTRATION ...Disposal; Drainage; Groundwater; Infiltration; Saturated- Unsaturated Soils; Subsurface Runoff; Waste Water Treatment -general; ...2.1183

THE FINITE ELEMENT METHOD IN FLUID MECHANICS ...Degradation -see Pesticide Deg; Engineering Mechanics; Fluid Mechanics; ...2.1236

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Geochemical Analysis (water); Idaho; Quaternary Period; Structural Analysis - Geology; Tertiary Period; Water Cycle; Water Pollution Sources; Water Storage; ...2.1240

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Effluent-standards; Forest Management; Idaho; Irrigation; Sediment Thickness; Water Costs; Water Reuse; ...2.1241

GROUNDWATER FLOW IN PARTIALLY SATURATED SOILS ...Drainage; Model Studies; Seepage (water); Sewage; Soil Permeability; Water Quality Control -general; Water Supply - general; ...2.1412

DEVELOPMENT AND DEMONSTRATION OF MATERIALS TO REDUCE OR ELIMINATE WATER INFILTRATION INTO SEWERAGE ...Costs -see Economics Entries; Infiltration; Materials -properties; Sanitary Sewage Quantity; Waste Dilution- Self Purifying; ...2.1433

HYDROLOGY OF THE CRYSTALLINE ROCK SYSTEM IN SOUTHEASTERN STATES ...Alabama; Groundwater; Maryland; Petrology; Piedmont Province; Southeast U. S.; Water Quality - general; Water Yield; ...2.1660

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Groundwater; Land Use; Percolation (water); Primary Treatment, Secondary Treatment; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1907

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Groundwater; Illinois; Leaching; Soil Tillage; Waste Disposal on Soils; ...3.0133

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Structure - other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0391

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

Groundwater Recharge-see Rechg

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers ; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

ANALYSIS OF MOUND GEOMETRY UNDER A RECHARGE BASIN ...Aquifers; Artificial Recharge; Ponds; Rain Amount; Water Table; ...2.0974

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1153

ADSORPTION OF VIRUS-SIZED PARTICLES IN POROUS MEDIA ...Artificial Recharge; Forecasting - Prediction; Viral Pollutant Sources; Water Pollution -see Specifics; Water Supply Augmentation; ...2.1367

ACID EMULSION BREAKING - ACTIVATED SLUDGE FOR BAKERY WASTE ...Activated Sludge; Disposal; Groundwater; New York; Waste Water Treatment -general; ...5.0230

Guatemala

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0319

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - STUDIES ON THE BIOLOGY AND STERILIZATION OF THE COFFEE LEAF MINER ...Animal Resistance; Biological Control; Foreign Agriculture; Pesticide Toxicity in Animals; Physical Control; Rubiaceae; X and Gamma Rays; ...4.0583

Gulf of Mexico

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Biological Effects; Cooperative Studies; Estuaries; Invertebrates -nonspecific; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Size; Texture; ...5.0210

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Fertilizers; Lead; Marine Geology; Nuclear Radiation; Radiochemical Analysis; Runoff (water); Streams; ...5.0380

EVALUATION OF ENGINEERING PROJECTS AND ESTUARINE DATA (ESTUARINE PROGRAM) ...Animal Habitat Studies; Construction Sites; Fish; Water Quality Control - general; ...5.0383

ECOLOGY OF WESTERN GULF ESTUARIES ...Animal Habitat Studies; Animal Productivity; Dredging; Estuaries, Management (water); Marine Biology - General; Physical Effects; ...5.0384

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Marine Environments; Marine Pollution; Ocean Currents; Ocean Hydrodynamics; Sea Water Chemistry; Ships and Cruises; Temperature; Water Movement -general; ...5.0509

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ...Aquatic Distribution; Bacterial Pollutant Sources; Contamination - Water; Escherichia Sp; Mississippi; Ostreidae (oyster); Pollution Effects -see Water; ...5.0652

INVESTIGATION OF THE THERMAL PATTERNS IN THE VICINITY OF THE CRYSTAL RIVER ...Aerial Photography -see Photo.; Atomic Plants; Energy Conversion; Forecasting - Prediction; Infrared Radiation; Thermal Pollution; ...5.0685

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Analysis and Detection; Element Ratios; Fluid Mechanics; Lakes; Organic Matter; Tracers; Water Pollution Sources; ...5.0823

HORIZONTAL DISPERSION IN SHALLOW ESTUARIES OF IRREGULAR SHAPE ...Circulation (water); Development of Models; Dispersion (water); Estuaries; Model Studies; Ocean Circulation -general; Water Quality -general; ...5.1107

EFFLUENT INFLUENCES OF THE MISSISSIPPI RIVER ON THE CHEMISTRY AND BIOLOGY OF ADJACENT OCEAN SYSTEMS ...Chemical Analysis (water); Chlorinated Hydrocarbons; Effluents - Waste Water; Marine Pollution; Pesticides -see Pesticide; ...4.0923

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

Handbooks

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation; Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; ...1.0071

THE CHIRONOMIDAE OF CALIFORNIA ...Animal Life History Studies; Aquatic Ecology - Animal; California; Contamination - Water; Public Health Ecology; Taxonomy -animal; ...1.0376

ARGONNE NATIONAL LABORATORY INTERAGENCY AGREEMENT ...Air Pollution; Air Pollution -see Specifics; Water Pollution Abatement; ...1.0612

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Brazil; Florida; Marine Plants; Plant Distribution; Plant Population Dynamics -gen; Protozoa; Taxonomy -plant; Water Quality - general; ...2.0542

EFFECT OF GEOGRAPHICAL LOCATION ON COOLING POND REQUIREMENTS AND PERFORMANCE ...Electric Power Plants; Energy Conversion; Ponds; Thermal Pollution; Water Pollution Abatement; ...2.1103

RESEARCH AND BASIC DATA ON THERMAL POLLUTION ...Climatology; Energy Conversion; Fluid Mechanics; Heat Balance - Budget; Temperature; Weather Data; ...2.1506

DEVELOPMENT OF ANALYTICAL METHODS FOR SELECTED HERBICIDES ...Chemical Analysis; Chemical Analysis (water); Gas Chromatography; Herbicides -nonspecific; Literature Search; Pesticides -see Pesticide; Radioisotopes -nonspecific; ...4.1060

UPDATING THE 'HANDBOOK OF PROCEDURES FOR PESTICIDE RESIDUE ANALYSIS' - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Chemical Analysis (water); Chemical Analysis -general; Pesticide Residue Analysis; Pesticides -nonspecific; Pesticides -see Pesticide; ...4.1062

GUIDELINES FOR MINIMIZING DAMAGE TO FOOD PROCESSING INDUSTRY IN CASE OF NUCLEAR ATTACK ...Food Contamination; Food Processing Industries; ...5.0369

PREDICTION OF BIOLOGICAL FATE AND RADIATION DOSES FROM RADIONUCLIDES RELEASED TO THE BIOSPHERE ...Document & Literature Info; Radiation Injury Prevention; Radiologic Health; ...5.0784

MANUAL OF ACCELERATOR RADIATION PROTECTION ...Particle Accelerators; Radiation Injury Prevention; Radioactive Hazard; ...5.0858

ESTABLISHMENT OF STANDARDS FOR HIGHWAY NOISE LEVELS ...Landscape and Roadside Studies; Noise; Transportation Design; ...6.0026

Harbors

ENGINEERING GEOLOGY RECONNAISSANCE STUDIES OF COASTAL COMMUNITIES, ALASKA ...Alaska; Environmental

Hazards; Marine Geology; Mass Wasting, Geological; Seismology; Tectonics; Waves -see Ocean Waves; ...2.0065

EUTROPHICATION STUDIES IN BOSTON HARBOR ...Algae - Chlorophyta; Eutrophication; Massachusetts; Water Pollutant Identification; ...2.0179

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv ; Streams; Suspension; Watersheds; ...2.0214

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Location; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Beta Particles; Canals; Dredging; Gamma Spectroscopy; Marine Geology; Ocean Meteorological Studies; Radioactivity; Seismology; ...2.0424

ENVIRONMENTAL PROTECTION PROGRAM ...Data Acquisition; Ocean Dumping; Water Quality Control -general; ...2.0500

POLLUTION CONTROL IN THE MARITIME ENVIRONMENT ...Marine Pollution; New York; Water Pollution Sources; ...2.0533

TEST AND EVALUATE EQUIPMENT FOR CONTAINING AND REMOVING OIL SPILLS IN HARBORS AND ADJACENT WATERS ...Maine; Oil; Oil Removal; Petroleum Wastes - Spillage; Waste Material Recovery; Water Pollution Abatement; ...2.1032

LAKE ERIE DIKE ...Dams -general; Iron and Steel Industry; Model Studies; Physical Models; Sediments; Waste Type; Waves -see Ocean Waves; ...2.1051

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Benthic Organisms -nonspecific; Disposal; Industrial Wastes; Marine Biology - General; Marine Pollution; Ocean Dumping; Sea Water Properties; Solid Waste; ...2.1353

MATHEMATICAL WATER QUALITY PLANNING MODELS ...Bays; Massachusetts; Model Studies; Systems Analysis - Water Mgmt; Tides; Water Resources Planning; ...2.1850

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Generators; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

Hawaii

AIR-SPORA IN HAWAII ...Air Pollution -see Specifics; Atmospheric Dynamics; Fungi -nonspecific; Humidity - Water Vapor; Organic Compounds; Plant Pathogenetic Fungi; Pollen -see Air Pollution; Tropical Regions; Wind; ...1.0045

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII ...Activation Analysis; Air Pollution; Air Pollution Sampling; Antarctica; Atomic Absorption; Lead; Pacific Ocean; Trace Analysis; ...1.0138

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Aerosols; Air Pollution Effects; Atmospheric Dynamics; Energy-radiation; Heat Balance - Budget; Parametric Statistics; Tectonics; Visibility; ...1.0409

DYNAMIC PROCESSES ...Aerosols; Chemical Composition; Geophysical Analysis; Meetings; Monitoring; Turbulence; ...1.0479

RADIOACTIVITY AND TRACE ELEMENTS IN SURFACE AIR ...Air Pollution Sampling; Antarctica; Atmospheric Dynamics; Lead; Radioactivity; ...1.0745

POLLUTION IN HAWAIIAN WATERSHEDS ...Bacterial Pollutant Sources; Biological Water Properties; Chemical Water Properties; Nutrients; Water Pollutant Identification; Water Pollution Effects; Water Pollution Sources; Watersheds; ...2.0118

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp. - non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0563

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU ...Aquatic Distribution; Bacterial Ecology; Bays; Intestinal Bacteria; Nitrogen and Nitrogen Cpds.; Sewage; Water Pollutant Identification; ...2.0563

POLLUTION OF COASTAL WATERS ...Coastlines - Shorelines; Economic Geology -general; Management; Marine Environments, Social Aspects; Water Quality Control -general; ...2.0565

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physics; Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering - geologic; ...2.0566

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Air - Sea Boundary Studies; Atomic Absorption; Bays; Degradation -see Pesticide Deg; Marine Pollution; Organic Matter; Water Pollutant Identification; ...2.0567

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated; Artificial Recharge; Chemical Water Properties; Land Use; Primary Treatment; Storm Water; Urban Runoff; Water Standards & Baselines; ...2.1239

THE EFFECTS OF THERMAL LOADING ON THE HAWAIIAN MARINE BIOTA ...Animal Life History Studies; Ecological Effects; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Temperature; Thermal Pollution; ...2.1539

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Groundwater; Infiltration; Pesticide Residues Removal; Pesticides -see Pesticide; Sewage; Soil Organic Content; Waste Water Treatment -general; ...2.1540

SAND RECOVERY ...Dredging; Ecological Effects; Marine Biology - General; Pollution Effects -see Water; Recreation, Water Resources; Sand; 2.1541

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

HERBICIDE EQUILIBRIA OF LATOSOLIC SOIL ...Atrazine; Microorganism-see Cell. Catab.; Pesticide Interaction With Env; Soil Chemical Properties; ...4.0101

Health & Geographic Factors

ATMOSPHERIC DUST AND MOLD SPORE STUDIES ...Air Pollution -see Specifics; Dust; Mercury; North Dakota; Phosphorus and Phosphorus Cpds.; ...1.0115

TRACE AMOUNT SUBSTANCES IN ENVIRONMENTAL HEALTH ...Chemical Analysis (water); Developmental Physiology; Environmental Effects - Human; Sea; Water Pollutant Identification; ...1.0217

BRITISH-NORWEGIAN MIGRANT STUDY ...Air Pollution -see Specifics; Occupational Hazards; Respiratory Disease; Respiratory Irritants, Inhaled; Tobacco Products &/or Smoking; ...1.0291

ENVIRONMENTAL TRACE ELEMENTS AND REGIONAL HEALTH AND DISEASE ...Air Pollution -see Specifics; General Information Services; Trace Element Analysis; Trace Elements; ...1.0390

BOTANICAL RESEARCH - ENVIRONMENTAL GEOCHEMISTRY IN RELATION TO HEALTH AND DISEASE ...Committee Support; Geochemical Investigations; Lead; Meetings; Soil Chemistry; ...2.1505

IRON-55 AND LEAD IN THE HUMAN POPULATION OF THE WORLD ...Animal Productivity; Food Contamination; Lead; Radiologic Health; ...5.0084

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

Hearing Loss and Deafness

AIR CREW PERSONNEL NOISE EXPOSURE ...Aerospace Studies; Aircraft; Aviation Medicine; Fatigue; Noise; Noise Abatement; Pilots; Sensory & Perceptual Processes; ...6.0014

NOISE INDUCED DEAFNESS - MASKING AND SPEECH PERCEPTION ...Auditory Physiology; Auditory Stress; Learning and Retention; Noise; Occupational Hazards; Psychology; Sensory & Perceptual Processes; ...6.0070

BEHAVIORAL TOXICITY OF NOISE IN IMMATURE MICE ...Auditory Stress; Noise; Psychology; Vibrations, -bioeffects; ...6.0080

TRAUMATIC ORIGINS OF HEARING LOSS ...Auditory Physiology; Monkey; Noise; Toxic Substances; Trauma; Vibrations, -bioeffects; ...6.0083

THE DETERMINATION OF SUSCEPTIBILITY TO HEARING LOSS ...Auditory Physiology; Auditory Stress; Learning and Retention; Psychology; Rodentia -other; ...6.0090

RESEARCH ON PERMANENT AND TEMPORARY SHIFTS IN HEARING THRESHOLD PRODUCED BY EXPOSURE TO AIR FORCE NOISE ...Auditory Physiology; Noise; Stressors, Physiological; ...6.0101

AUDITORY RESPONSES TO ACOUSTIC ENERGY EXPERIENCED IN AIR FORCE ACTIVITIES ...Acoustics; Auditory Physiology; Noise; Trauma; ...6.0102

EFFECTS OF NOISE ON AIR FORCE PERSONNEL IN OPERATIONAL ENVIRONMENTS ...Communication; Military Personnel; Noise; Pilots; Sensory & Perceptual Processes; Space Medicine - Exobiology; ...6.0114

Heat Flow (water)

DISPERSION OF HEAT IN STRATIFIED FLOW ...Dispersion (water); Electric Power Plants; Energy Conversion; Estuaries; Fluid Mechanics; Thermal Pollution; ...2.0042

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Evaporation; Montana; Oxygen Content (water); Phytoplankton; Productivity of Freshwater; Stratification (water); Wyoming; ...2.0233

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Columbia River; Electric Power Plants; Fishing; Nitrogen and Nitrogen Cpds.; Recreation, Water Resources; Types of Resources; Water Storage; ...2.0841

DISSIPATION AND DIFFUSION OF HEAT IN STREAMS AND LAKES ...Energy Conversion; Fluid Mechanics; Lakes; Thermal Pollution; ...2.0993

RESEARCH INITIATION - MIXING AND TRANSFER PROCESSES FOR HEATED EFFLUENTS IN OPEN CHANNEL FLOW ...Channels; Energy Conversion; Flow Characteristics (water); Flume Studies; Physical Models; Thermal Pollution; ...2.1019

CONTROLLED TEMPERATURE REGIMES IN OUTDOOR EXPERIMENTAL PONDS ...Aquatic Ecology - Animal; Energy Conversion; Minnesota; Temperature (water); ...2.1600

Heat Recovery, Industrial

LOW EMISSION FUELS FOR VEHICLES ...Air Pollution-chemistry; Combustion; Engines; Fuel-systems; Fuels; Thermal Decomposition; ...1.0539

USE OF REACTOR COOLING WATER FROM NUCLEAR POWER PLANTS FOR IRRIGATION OF AGRICULTURAL CROPS ...Atomic Plants; Energy Conversion; High Temp. - 85f Or Above; Photosynthesis; Respiration; Soil Moisture; Thermal Pollution; ...2.0318

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Energy Conversion; Nuclear Power; Plant Freshwater Ecology; Public Utilities; Social Aspects; Thermal Pollution; ...2.0352

A UNIFIED APPROACH TO WATER, FOOD AND POWER IN A COASTAL DESERT COMMUNITY ...Arid and Desert Regions; Auto Exhaust -see Air Poll.; Desalination; Electric Power Plants; Humidity; Mexico; Temperature - Air; ...2.1157

THERMAL WATER DEMONSTRATION PROJECT ...Agricultural Studies -general; Benefit-cost Analysis; Pilot Plants; Technology - Social Impact; Thermal Pollution; Water Utilization -animal; Welfare Economics; ...2.1389

CONTROLLED TEMPERATURE REGIMES IN OUTDOOR EXPERIMENTAL PONDS ...Aquatic Ecology - Animal; Energy Conversion; Heat Flow (water); Minnesota; Temperature (water); ...2.1600

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Ecological Effects; Environment Resistance-animals; Photosynthesis, Reservoirs and Impoundments; Thermal Pollution; ...2.1619

ENVIRONMENTAL QUALITY STUDY PROJECT - UTILIZATION OF WASTE HEAT ...Agricultural Studies -general; Energy Conversion; Thermal Pollution; Water Utilization -industrial; ...2.1721

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology; Degradation -see Pesticide Deg; Energy Conversion; Fish; Induced Temperature; Organic Water Properties; Phytoplankton; Primary Productivity - Plants; ...2.1736

PROBLEMS RELATED TO THE EFFECTS OF HEATED DISCHARGES FROM THERMAL POWER PLANTS ...Administrative Organizations; Energy Conversion; Generators; Power Plants -see Specifics; Thermal Pollution; ...2.1740

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ...Animal Productivity; Clams; Contamination - Water; Electric Power Plants; Environment Resistance-animals; Fish and Shellfish; Ostreidae (oyster); Temperature (water); ...2.1762

Heating Units

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Coal Research; Energy Conversion; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers; Wind Tunnels; ...1.0031

STUDY BY CONTRACT THE INDOOR-OUTDOOR POLLUTION RELATIONSHIPS AT AN AIR-RIGHTS STRUCTURE AND A CANYON TYPE STRUCTURE ...Air Pollution-chemistry; Cars; Combustion; Engines; Lead; Particulates - Air Pollution; Urban Research -general; ...1.0090

TESTING OF CONVENTIONAL AND EXPERIMENTAL OIL AND GAS BURNERS ...Air Pollution-chemistry; Boilers; Burners; Fuels; Furnaces and Incinerators; Nitrogen and Nitrogen Cpds.; Photography; ...1.0096

FEDERAL CONSTRUCTION COUNCIL ...Air Conditioning; Building Construction; Building Design; Building Fire Considerations; ...1.0487

THE DETERMINANTS OF REAL ESTATE VALUES ...Air Pollution -see Specifics; Building Construction; Location Choice; Noise -see Noise; Residential Buildings; Value; Zoning; ...6.0055

Heavy Nuclei

ENERGY LOSS AND RANGES OF HEAVY IONS IN SOLIDS ...Ionizing Radiation -see Rad.; Radiation Penetration; ...5.0848

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Commelinaceae; Dosimetry; Ionizing Radiation - see Rad.; Muridae; Plasmas; Radiation; Radiation Sources - general; X and Gamma Rays; ...5.0870

Helicopters

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Agricultural Economics; Alaska; Cost-benefit Analysis; Equipment & Machinery; Forest Fires -see Fire; Recreation, Outdoor; Types of Resources; ...1.0656

Hibernation

CHANGE IN RADIOSENSITIVITY OF INTESTINAL CRYPTS FROM GROUND SQUIRRELS DURING THE FIRST 48 HOURS AFTER AROUSAL FROM HIBERNATION ...Injury - animal; Radiation Sensitivity -man; Radiation, Lethal Dose; Sciuridae; Temperature - Air; Vertebrates Excl. Man; X and Gamma Rays; ...5.0279

Highway Classification

RELATIONSHIP OF LEAD IN THE AIR, SOIL AND PLANTS TO PROXIMITY TO HIGHWAY TRAFFIC ...Absorption (incl. Ad-

sorption); Air Pollution -see Specifics; Cars; Lead; Roads & Highways see Highways; Soil Aeration; Soil Chemical Properties; Wind -see Air Motion; ...1.0368

PREDICTION OF WATER QUALITY CHANGE IN A STREAM DUE TO HIGHWAY CONSTRUCTION ON THE DRAINAGE BASIN ...Construction Sites; Forecasting - Prediction; Highway Sites -see Roads; Precipitation; Soil Moisture; Water Quality - general; ...2.0754

ECOLOGICAL IMPACTS OF RECLAMATION PROJECTS ...Aquatic Ecology - Animal; Ecological Effects; Plant Freshwater Ecology; Reservoirs and Impoundments; Water Distribution Systems; ...2.1508

POLLUTION OF MICHIGAN URBAN ATMOSPHERES BY HIGHWAY GENERATED NOISE ...Characteristics; Michigan; Noise; Urban Research -general; ...6.0036

TRAFFIC NOISE ...Automobile & Components; Noise; Passenger Service; ...6.0046

Freeways

AIR POLLUTION POTENTIAL FROM AN URBAN FREEWAY ...Air Pollution; Air Pollution Monitoring; Model-Studies; Urban Research -general; ...1.0128

DUAL PURPOSE BLAST SHELTERS IN URBAN TRANSPORTATION SYSTEMS ...Highway Sites -see Roads; Redevelopment of Land; Shelters; Urban Research -general; ...5.0929

NOISE ...Building Design; Noise; Planning; Traffic Engineering; Urban Research -general; ...6.0064

Interstate Highways

AIR POLLUTION POTENTIAL FROM AN URBAN FREEWAY ...Air Pollution; Air Pollution Monitoring; Freeways; Model Studies; Urban Research -general; ...1.0128

Rural Roads

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon, Pulp and Paper Wastes; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

Streets

USE OF DOMESTIC WASTE GLASS FOR URBAN PAVING ...Ceramics; Pavement; Recoverable Materials; Urban Research - general; ...2.1325

APPLICATION OF DYNAMIC AND LINEAR PROGRAMMING TO URBAN DEVELOPMENT ...Fiscal Analysis -general; Public Utilities; Storm Sewer Quantity; Taxes - State Or Local; Urban Roads; Water Supply Facilities; ...3.0082

Urban Roads

IMPROVEMENT OF URBAN TRANSPORTATION ...Traffic Engineering; ...1.0626

APPLICATION OF DYNAMIC AND LINEAR PROGRAMMING TO URBAN DEVELOPMENT ...Fiscal Analysis -general; Public Utilities; Storm Sewer Quantity; Taxes - State Or Local; Water Supply Facilities; ...3.0082

FUNDAMENTAL STUDIES OF COMPREHENSIVE DISTRICT PLANNING IN URBAN AREAS ...Architecture and Design; Public Utilities; Urban Environment; Urban Research -general; Water Supply Facilities; ...3.0323

Highway Sites -see Roads

PREDICTION OF WATER QUALITY CHANGE IN A STREAM DUE TO HIGHWAY CONSTRUCTION ON THE DRAINAGE BASIN ...Construction Sites; Forecasting - Prediction; Precipitation; Soil Moisture; Water Quality -general; ...2.0754

DUAL PURPOSE BLAST SHELTERS IN URBAN TRANSPORTATION SYSTEMS ...Freeways; Redevelopment of Land; Shelters; Urban Research -general; ...5.0929

Home Economics

EFFECT OF AIR POLLUTANTS ON TEXTILE FABRICS ...Air Pollution Effects; Air Pollution-chemistry; Corrosion, Deterioration; Effects; Fibers; Humidity - Water Vapor; Temperature; ...1.0313

AIR POLLUTION ...Absorption - Chemistry; Air Pollution; Air Pollution-chemistry; Fibers; Gases; Sulfur Dioxide; ...1.0372

CONTROL OF AIR CONTAMINANTS IN THE HOME ...Aerosols; Air Cleaning Devices; Air Pollution; Fluid Mechanics; General Sanitation Methods; Noise -see Noise; Particulates - Air Pollution; ...1.0559

FABRIC COMPOSITION AND STRUCTURE STUDY - CHARACTERIZATION OF ABOUT 65 DIFFERENT TYPES OF FABRICS ...Particulates - Air Pollution; ...1.0601

PREPARATION AND EVALUATION OF STARCH DERIVATIVES FOR DETERGENT BUILDERS ...Algae -nonspecific; Chelation & Complexing; Detergent Builders; Polymerization; Water Chemistry; ...2.0126

INFLUENCE OF WATER QUALITY IN MAINTAINING WHITENESS WHEN LAUNDERING WHITE FABRICS ...Bleaching, Coloring; Fibers; Materials -properties; Mineralogical Water Properties; Organic Matter; Water Quality -general; ...2.0297

NONAQUEOUS TREATMENTS TO IMPROVE FABRIC PROPERTIES AND REDUCE WATER POLLUTION ...Chemical Mechanisms & Kinetics; Fabrication; Materials -properties; Textile Industry; Water Quality Control -general; ...2.1283

WARP SIZES THAT AVOID STREAM POLLUTION AND IMPROVE DURABLE-PRESS FABRICS ...Coatings -see Materials; Fibers, Industrial Wastes; Materials -properties; Plastics; Textile Industry; Water Quality Control -general; ...2.1284

DOMESTIC WATER PROBLEMS AS RELATED TO TEXTILES ...Detergent Builders; Fibers; Materials -properties; Mineralization; Purity, Impurity; ...2.1604

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Air Pollution -see Specifics; Cost-benefit Analysis; Economics of Natural Resources; Northeast U. S.; Types of Resources; ...2.1837

NEW FOOD PRODUCTS AND SERVICE ...General Sanitation Methods; Plant Waste Removal, Treatment; Product Development Research; Sanitation; ...3.0155

INVESTIGATION OF NEW WASTE DISPOSAL/SANITATION TECHNIQUES FOR GARRISON FOOD SERVICE ...Food Processing Wastes; Plant Waste Removal, Treatment; Product Development Research; Waste Disposal-see Solid Waste; ...3.0175

COLLECTING AND TRANSPORTATION OF HOUSEHOLD WASTE ...Collection; Transportation; ...3.0314

ILLINOIS CONSUMERS' REACTION TO USE OF PEST CONTROL ON AGRICULTURAL PRODUCTS ...Attitudes & Attitude Change; Consumer Attitudes- Pesticides; Demography; Illinois; Pesticide Toxicity in Humans; Pesticides -nonspecific; Residues in Foods; ...4.0303

EFFECTS OF NUTRITIONAL LEVELS ON ORGANOLEPTIC QUALITY OF FRUITS AND VEGETABLES ...Ericaceae; Pesticide Action on Plants; Pesticides -nonspecific; Pyrus Malus; Residues in Foods; ...4.0336

EFFECT OF PCNB ON PALATABILITY AND COMPOSITION OF POTATOES ...Pellicularia; Pesticide Organoleptic Prop.; Phenols; Solanum; Terrachlor; Vegetables; ...4.0342

REDUCTION OR ELIMINATION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Malathion; Metabolites From Pesticides; Organophosphorous Cpds.; Pesticide Residues Removal; Residues in Foods; ...4.0376

PESTICIDES FLAVOR OF FOODS ...Ddvp; Food Contamination; Fungicides -nonspecific; Insecticides -nonspecific; Residues in Foods; ...4.0401

CHEMICAL INVESTIGATION OF SURFACE CONTAMINATION OF COTTON FIBERS ...Arsenic; Chemical Analysis; Defoliants; Fibers; Gossypium; Impurity; ...4.0474

EFFECT OF INSECTICIDES IN FEED ON GROWTH, BODY STORES, AND REPRODUCTION OF SHEEP ...Domestic Animals; Methoxychlor; Ovis; Pesticide Action on Animals; Pesticide Residues; ...4.0641

NUTRITIVE CONTENT OF TYPE A SCHOOL LUNCHES ...Residues in Foods; ...4.0651

POTENTIALS FOR REMOVING OR REDUCING PESTICIDE RESIDUES IN FOODS ...Pesticide Residues Removal; Pesticides - nonspecific; Residues in Foods; ...4.0677

EGG COMPOSITION, MALATHION RESIDUES, AND MEAT QUALITY OF MALATHION TREATED HENS ...Gallus Domesticus; Laboratory Animals; Malathion; Metabolites From Pesticides; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0777

INSECTICIDE RESIDUES IN POULTRY AND EGGS ...Biochemical Analysis - Tissues; Chlordan; Food Contamination; Melliagris; Pesticide Residues in Feeds; Residues in Foods; ...4.0862

WARNING AGENTS FOR TOXIC FUMIGANTS ...Foreign Agriculture; Israel; Pesticide in Food Chains; Pesticide Residues in Feeds; Pesticide Toxicity in Humans; Preventative Measures; ...4.0948

PESTICIDAL RESIDUES IN FOODS ...Cobalt; Food Contamination; Pesticide in Food Chains; Residues in Foods; ...4.0951

FUMIGATED WHEATS--VITAMIN CONTENT OF PRODUCTS, BAKING PERFORMANCE OF FLOURS ...Bromine; Methyl Bromide; Residues in Foods; ...4.0953

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Carbamates -nonspecific; DDE; Diazinon; Organophosphorous Cpds.; Pesticide Residues; Physical Degradation; TDE; ...4.0963

COLLABORATIVE STUDIES OF ANALYTICAL METHODS ...Chemical Analysis; Pesticides -nonspecific; Plant Tissue Analysis -chem.; Soil Fertility; ...4.1011

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Biodegradation; Pesticide Residue Analysis; Pesticide Residues Removal; Residues in Foods; ...4.1049

AEROBIC AND ANAEROBIC BIODEGRADATION OF DETERGENTS ...Aerobic Bacteria; Anaerobic Bacteria; Analysis and Detection; Chemical Oxygen Demand; Product Development Research; ...4.1106

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Aldrin; Dieldrin; Gallus Domesticus; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.1126

IMPORTANCE OF NOISE AND ITS POTENTIAL EFFECT ON WOOD USE IN GARDEN APARTMENTS ...Building Acoustics - see Noise; Building Construction; Construction Materials; Farm Structures & Design; Noise; Residential Buildings; Structural Mechanics; ...6.0057

Home Waste Disposal Units

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Flood Irrigation; Groundwater; Potable Water; Recreation, Water Resources; Septic Tanks; Sewage - Domestic; Water Wells; ...2.0883

WASTE WATER DISPOSAL SYSTEMS FOR DEVELOPING UNSEWERED AREAS ...Connecticut; Leaching; Rural Areas; Septic Tanks; Sewage - Domestic; Soil Moisture; ...2.1203

Horticultural Crops -general

PRODUCTION PRACTICES FOR FRUITS ...Air Pollution -see Specifics; Cold Resistance; Fruit, Nut, and Berry Crops; Indiana; Prunus Persica; Temperature - Air; ...1.0054

UTILIZATION OF AGRICULTURAL WASTES IN CROP PRODUCTION ...Agaricus; Farm Animal Wastes; Gramineae - other; Mineral Nutrition; Plant Residues, Humus, Compost; Pseudotsuga; Zea Mays - Field Corn; ...2.0294

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Phytotoxicity, Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Citrus; Fragaria; Fruit, Nut and Berry Crops; Fumigants -nonspecific; Lactuca; Pesticide Organoleptic Prop.; Phaseolus; Residues in Foods; Vegetables; ...4.0929

Hospitals

AIR TREATMENT FOR ODOR CONTROL IN THE HOSPITAL ...Air Cleaning Devices; Air Pollution -see Specifics; Building Construction; ...1.0548

WATER AND WASTE MANAGEMENT (MUST) ...Cold Climates; Sanitation; Waste Disposal-see Solid Waste, Water Pollution Sources; Water Quality Control -general; Water Supply Development; ...3.0064

STUDY OF ECONOMICS OF HOSPITAL SOLID WASTE SYSTEMS ...Administration and Management; Equipment Costs; Production Size; Economies of; Solid Waste Management; ...3.0192

Housing

URBAN INFRASTRUCTURE INVESTMENT IN DEVELOPING COUNTRIES ...Chile; Public Utilities; Residential Buildings; Urban Environment; Water Supply Facilities; ...2.1811

Location Choice

THE DETERMINANTS OF REAL ESTATE VALUES ...Air Pollution -see Specifics; Building Construction; Heating Units; Noise - see Noise; Residential Buildings; Value; Zoning; ...6.0055

Types

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation, Water Resources; Sprinkler Irrigation; Water Quality Control -general; ...2.1868

Hudson River

A STUDY OF POTENTIAL INSTITUTIONAL ARRANGEMENTS FOR WATER POLLUTION CONTROL IN THE HUDSON-MOHAWK RIVER BASIN ...Administration and Management; Government -see Federal Gov.; Organizational Research; River Basins; Water Quality -general; Water Resources Development; ...2.1878

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Confidence Intervals; Digital Computer Applications; Monte Carlo Methods; Optimization Technique; River Basins; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

Humid Climates

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Carbamates -nonspecific; Fertilizers; Land Use; Monitoring Systems; Nutrients; Pesticides -see Pesticide; Soil Analysis; ...4.0056

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE: THE MINERALIZATION OF ORGANIC NITROGEN IN SOILS FROM VOLCANIC MATERIAL ...Alluvium - Alluvial; Organic Soils -see Soils; Radiation Effects - Biological; Sediment Lithification; Soil Chemical Properties; Soil Organic Content; ...5.0219

Humidity

SWINE HOUSING ENVIRONMENT ...Air Pollution -see Specifics; Corrosion, Deterioration; Farm Structures & Design; Sus; Wind - see Air Motion; ...1.0055

CONTINUE QUANTITATIVE STUDIES OF RAGWEED POLLEN IN SARATOGA SPRINGS, NEW YORK IN RELATION TO DIURNAL VARIATIONS, LOCATION AND OTHER CONDITIONS ...Air Pollution Sampling; Atmospheric Dynamics; Diel, Diurnal Distribution; Humidity - Water Vapor; Pollen -see Pollen; Temperature - Air; ...1.0256

BIOLOGICAL EFFECTS OF AIR POLLUTANTS ON MAMMALS ...Air Pollution -see Specifics; Environmental Physiology; Muridae; Temperature - Air; ...1.0293

STRUCTURES AND EQUIPMENT TO MINIMIZE STRESS ON BEEF CATTLE ...Air Pollution -see Specifics; Dust; Excessive Moisture; Farm Structures & Design; Rain; Wind -see Air Motion; ...1.0309

ENVIRONMENT - AIR POLLUTION INTERACTIONS ON PLANTS ...Air Pollution -see Specifics; Herbicides and Other Chem; Moisture Deficiency; Plant Pathology - Env. Relat.; Plant Response to Env. -ns; Temperature - Air; ...1.0326

LOPHODERMIUM NEEDLE CAST DISEASE AND OZONE DAMAGE ON WHITE PINES ...Forest Pathology; Gases; Lophodermium; Pinus Strobus; ...1.0356

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Northeast U. S.; Permeability; Solanaceae; Vegetables; ...1.0369

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Air Pollution -see Specifics; Environmental Physiology; Solar Light; Wind -see Air Motion; ...1.0374

EFFECTS OF AIR POLLUTANTS ON PLANT SYSTEMS ...Absorption (incl. Adsorption); Aging; Climates -general; Growth; Ornamentals; Respiration; ...1.0383

PLANT AIR POLLUTION STUDIES ON LOSSES, EFFECTS, AND CONTROL AND TECHNICAL ASSISTANCE ON PROBLEMS ...Air Pollution -see Specifics; Losses Due to Pollution; Moisture Deficiency; Pinus Strobus; Soil Chemical Properties; Temperature - Air; ...1.0408

EFFECTS AND FATE OF AIR POLLUTANTS ...Absorption (incl. Adsorption); Carbon Monoxide; Growth; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Physiological Ecology; Sulfur Dioxide; Transpiration and Evap; ...1.0430

AIRSACCULITIS OF TURKEYS ...Air Pollution -see Specifics; Melliagris; Temperature - Air; Wind -see Air Motion; ...1.0436

RESEARCH INITIATION - APPLICATION OF HIGH VOLTAGE ELECTRIC FIELDS TO THE REMOVAL OF SO2 AND NO2 FROM COMBUSTION EFFLUENT ...Combustion; Electric Field; Energy Conversion; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0549

CONTROL OF ETHYLENE-INDUCED SEPAL WILT OF ORCHIDS ...Air Cleaning Devices; Carbon; Filters; Orchidaceae; Ornamentals; ...1.0590

A UNIFIED APPROACH TO WATER, FOOD AND POWER IN A COASTAL DESERT COMMUNITY ...Arid and Desert Regions; Auto Exhaust -see Air Poll.; Desalination; Electric Power Plants; Mexico; Temperature - Air; ...2.1157

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange; Maps -general; Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Sus; Wind -see Air Motion; ...3.0069

SWINE HOUSING ENVIRONMENT ...Farm Animal Wastes; Farm Structures & Design; Sus; Temperature - Air; Wind -see Air Motion; ...3.0183

EFFECT OF PHYSICAL ENVIRONMENT UPON MANAGEMENT PRACTICES ...Melliagris; Space Requirements; Temperature - Air; Wind -see Air Motion; ...3.0193

MATERIALS HANDLING SYSTEMS FOR NORTH CENTRAL FARMS ...Bos; Farm Animal Wastes; Farm Structures & Design; North Central U. S.; Temperature - Air; Wind -see Air Motion; ...3.0198

CONDITIONING AND CLEANING MID-SOUTH COTTON VARIETIES ...Gossypium; Plant Waste Removal, Treatment; Southern U. S.; Temperature - Air; ...3.0202

INFLUENCE OF CERTAIN HOUSING AND MANAGEMENT REGIMES ON CONFINEMENT REARING OF GROWING FINISHING PIGS ...Farm Animal Wastes; Farm Structures & Design; Sus; Temperature - Air; Wind -see Air Motion; ...3.0211

POULTRY WASTE HANDLING SYSTEM DESIGN ...Farm Animal Wastes; Feces; Fungi -nonspecific; Landfills -see Water Pollution; Temperature Instruments; Waste Type; ...3.0236

POULTRY WASTE MANAGEMENT AND ODOR CONTROL ...Farm Animal Wastes; Gallus Domesticus; Temperature - Air; Wind -see Air Motion; ...3.0239

SYSTEM OF SWINE PRODUCTION DESIGNED TO IMPROVE COMPETITIVE POSITION ...Farm Animal Wastes; Farm Structures & Design; Sus; Swine Industry; Wind -see Air Motion; ...3.0303

PRECISE PLACEMENT AND DRIFT CONTROL OF INSECTICIDE AND PESTICIDES WHEN ULTRA-LOW VOLUMES ...Handling & Application; Insecticides -nonspecific; Low Volume; Pesticide Drift; Temperature - Air; ...4.0047

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0088

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

CHEMISTRY OF ADSORPTION OF PESTICIDES ON SOIL SILICATES ...Chromatography; Diquat; Paraquat; Pesticide Persistance in Soils; Soil Chemical Properties; Soil pH; ...4.0157

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

INFLUENCE OF HERBICIDES, FUNGICIDES, & INSECTICIDES ON COTTON GERMINATION & SEEDLING VIGOR ...Gossypium; Korax; Pesticide Interaction With Env; Planavin; Soil Microbiology; Temperature - Air; Trifluralin; ...4.0207

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine, Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

INSECT PESTS OF CUCURBIT CROPS ...Dieldrin; Granules, Capsules; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Temperature - Air; ...4.0307

FATE OF MALATHION RESIDUES GRAIN SORGHUMS ...Chemical Analysis; Herbicides and Other Chem; Malathion; Pesticide Phytotoxicity; Plant, Temperature - Air; Zea Mays - Field Corn; ...4.0319

RELATION OF ENVIRONMENT AND CHEMICALS TO PHYSIOLOGY OF POME AND DRUPE FRUIT ...Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Growth Substances; Pesticide Interaction With Env; Pesticides -nonspecific; Plant Pathology - Env. Relat.; Pyrus Malus; Temperature - Air; ...4.0362

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Gossypium; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Sandy Soils -see Soil Type; Temperature - Air; ...4.0487

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-, Temperature - Air; Verbenaceae; ...4.0491

PESTICIDE RESIDUES ON FORAGE RESULTING FROM DRIFT OF DUSTS APPLIED TO ADJACENT ORCHARDS ...Dusts; Pesticide Drift; Pesticide Residues; Rain; Wind -see Air Motion; ...4.0498

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Bioassay; Carbon; IAA; Pesticide Evaluation; Pesticide Interaction With Env; Pesticide Volatility; Plant Absorption -other; ...4.0508

HERBICIDE STUDIES EMPLOYING IN VITRO CULTURE METHODS ...Alanap; Pesticide Action on Plants; Pesticide Formulation; Pesticide Residues; ...4.0683

REPELLENT ADDITIVES TO REDUCE PESTICIDE HAZARDS TO HONEY BEES ...Aerosols - Smokes, Fogs, Steam; Insects - Beneficial; Pesticide Interaction With Env; Temperature - Air; ...4.0931

PESTICIDE RESIDUES - THEIR NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND SOILS ...Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticide Residues; Soil Types -also See Specifics; ...4.0935

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor, Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals; Pesticide In-

teraction With Env; Phenols; Soil pH; Stickers; Thuricide; ...4.0969

PHYSIOLOGY OF CITRUS FRUIT ABSCISSION ...Abscission; Citrus; Cycloheximide; Enzymes; Herbicides and Other Chem; Pesticide Evaluation; Temperature - Air; ...4.1007

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

PREVENTING INSECT DAMAGE TO TOBACCO AND TOBACCO PRODUCTS IN MARKETING CHANNELS ...Bacilli -nonspecific; Nicotiana; Pesticide Evaluation; Pesticide Toxicity in Animals; Physical Control; Temperature - Air; ...4.1127

THE ROLE OF LIGHT AND TEMPERATURE IN THE GROWTH AND DEVELOPMENT OF PLANTS ...Cold Resistance and Hardiness; Growth; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; X and Gamma Rays; ...5.0682

Hungary

ANALYSIS OF IMPURITIES AND THEIR REMOVAL FROM REACTOR COOLING WATER ...Atomic Plants; Energy Conversion; Radioisotopes; Water Pollution Sources; ...2.0568

FIELD AND PHYTOTRON EXPERIMENTS ON RADIOSTIMULATION OF SOME GRAIN AND VEGETABLE VARIETIES ...Foreign Agriculture; Plants; Vegetables; ...5.0266

Hydraulics

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Carbonates; Chemical Effects; Forecasting - Prediction; Groundwater Movement; Mass Transfer; Nuclear; Petrology; Seismology; Water Pollutants - Path of; ...2.0062

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOOD ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality - general; Water Table - Depth of; ...2.0096

STATUS OF THERMAL POLLUTION AND RESEARCH NEEDS ...Bibliography; Chemical Water Properties; Thermal Pollution; Water Quality Control -general; ...2.0371

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Data Reduction and Analysis; Geology -general; Texas; Water Pollution Sources; Water Supply -general; Water Wells; ...2.0375

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ...Agricultural Watersheds; Deposition-general; New England Province; Physical Properties; Sediments; Snowmelt; Suspension; ...2.0406

FINITE ELEMENT APPROACH TO THE POLLUTION ANALYSIS OF LAKES ...Computer Models; Lakes; Sediments; Thermal Pollution; ...2.0689

MULTI-BASIN WATER QUALITY SIMULATION ...Canals; Flood Routing; Land Use; Texas; Water Costs; Water Standards & Baselines; ...2.0810

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

THE DISPERSION OF CONTINUOUSLY INJECTED EFFLUENTS IN OPEN CHANNELS ...Dispersion (water); Effluents - Waste Water; Fluid Mechanics; Mathematical Models; Mississippi; Physical Models; ...2.1029

CENTER FOR RESEARCH AND TRAINING IN HYDRAULIC AND HYDROLOGIC ASPECTS OF WATER POLLUTION CONTROL ...Information Science; Information Systems; Research Facilities; Water Quality Control -general; ...2.1099

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Industrial Wastes; Organic Matter; Seepage (water); Sewage Lagoons; Waste Management -see Specific; Water Pollutants - Path of; Water Quality -general; ...2.1360

INVESTIGATION OF RECOVERY OF LARGE MARINE OIL SPILLS BY USE OF A VORTEX ASSISTED AIR LIFT ...Fluid Mechanics; Ocean Waves -see Waves; Oil; Oil Removal; Petroleum Wastes - Spillage; Physical Models; Ships and Cruises; ...2.1444

COOLING WATER DISCHARGE PROJECT (RP-49) ...Biological Water Properties; Ecological Effects; Estuaries; Lakes; Synoptic Weather Observations; ...2.1572

FORMULATION OF A GENERAL MATHEMATICAL MODEL FOR THE PREDICTION OF THERMAL ENERGY CHANGES IN IMPOUNDMENTS ...Climatology; Development of Models; Reservoirs and Impoundments; Water - Alternative Uses; ...2.1798

DEVELOPMENT OF HYDROSTATIC POWER TRANSMISSIONS SYSTEMS TO IMPROVE PERFORMANCE - INVESTIGATION OF PARAMETERS WHICH INTRODUCE NOISE ...Automobile & Components; Noise; ...6.0044

Hydrographs

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Forest Watersheds; Piedmont Province; Rainfall - Runoff Relationship; Slope; Soil Density; Soil Moisture; Water Table; ...2.0113

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Bed Load; Conservation -see Soil Conser.; Erosion; Gully Or Channel Erosion; New Mexico; Sediment Yield; Semi - Arid Regions; Streams; ...2.0255

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond, Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality - general; ...2.0349

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo; Chemical Analysis (water); Environmental Geology; Land Use; Soil Tillage; Water Quality -general; Water Table; Water Wells; ...2.0570

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Economic Theory; Mathematical Analysis; Prediction; Rural Areas; Storm Sewer Quantity; Urban Research - general; ...2.0619

WATER REOURCES OF SOUTHEASTERN WISCONSIN - RACINE AND KENOSHA COUNTIES ...Chemical Water Properties; Groundwater; Recharge (water); Water Quality -general; Water Table; Water Wells; ...2.0856

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

HYDROLOGY OF SMALL MOUNTAIN STREAMS ...Flow Characteristics (water); Forest Debris; Lumbering -general; Pulp and Paper Wastes; ...2.1680

CATTLE FEEDLOT WASTE AND AIR AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Bos; Chlortetracycline; Farm Animal Wastes; Process Design; ...3.0092

HYDROGRAPH METHOD OF SEWER DESIGN ...Drainage; Research - Development; Sewer Systems; Storm Sewer Quantity; ...3.0325

Hydrolysis, Esterification

CHEMISTRY AND PROPERTIES OF OZONIDES ...Air Pollution -see Specifics; Catalysis, Homogeneous; Ozonization; Reduction Reactions; Thermochemistry -biophysics; ...1.0880

CYANIDE METABOLISM BY MICROORGANISMS ...Aldehydes -nonspecific; Cellular Catabolism-see Degrad; Fungi -nonspecific; Microorganisms -nonspecific; Water Pollution Sources; ...2.0231

MINERALIZATION OF ORGANIC PHOSPHORUS IN OLIGOTROPHIC LAKE SEDIMENTS ...Aluminum; Catalysts; Chemical Water Properties; Lime Treatment; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; ...2.0692

AN INVESTIGATION OF ACID MINE DRAINAGE CHEMICAL POLLUTANTS USING LASER-RAMAN AND INFRARED SPECTROSCOPIES ...Acid Mine Wastes; Chemical Analysis (water); Infrared Spectroscopy; Mine Drainage Control; Raman Spectroscopy; Zinc; ...2.0764

MECHANISM OF ORGANIC ADSORPTION ON ACTIVATED CARBON ...Adsorption; Color; Color (water); Organic Matter; Taste & Odor of Water; Waste Water Treatment -general; ...2.0904

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacterial Pollutant Sources; Coliforms -nonspecific; Filtration; Foreign Agriculture; Pilot Plants; Recharge (water); Sediments; Turbidity (water); ...2.1023

THE CHARACTERIZATION OF SOLUBLE PHOSPHORUS COMPOUNDS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Activated Sludge; Densitometer; Sewage - Domestic; Tertiary Treatment; Thin Layer Chromatography; ...2.1303

COAGULATION OF CLAYS WITH HYDROLYZING METALS ...Coagulation; Flocculation; ...2.1375

CHEMICAL-PHYSICAL WASTE TREATMENT PLANT DEMONSTRATION ...Carbon Filters; Phosphorus and Phosphorus Cpds; Virus; Water Reuse; ...3.0227

HYDROLYSIS OF SLUDGE USING LOW PRESSURE STEAM WITH SO2 AS A HYDROLYTIC ADJUNCT AND TO sTUDY THE UTILIZATION OF THE RESULTING HYDROLYSATE ...Digestion; Product Development Research; Sulfur Dioxide; Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general; ...3.0245

DETERMINE LIGNIN STRUCTURE AND BIOSYNTHESIS ...Aldehydes -nonspecific; Enzymes; Forest Industry; Oxidants; Plant Waste Removal, Treatment; ...3.0371

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

STRUCTURAL CHEMISTRY OF SOIL HUMIC SUBSTANCES ...Adsorption; Chelation & Complexing; Organic Soils -see Soils; Pesticides -nonspecific; Reduction Reactions; Soil Chemical Properties; Soil Microbiology; ...4.0106

Iceland

INFRARED STUDIES IN ICELAND ...Aircraft Remote Sensing; Faults - Geology; Infrared Radiation; Marine Geology; Seismology; Tectonics; ...1.0039

Idaho

COMPLETE COLLECTION OF ANALYSES OF DATA ASSOCIATING HEALTH EFFECTS WITH EXPOSURE TO PB, AS, OR CD EMISSIONS FROM SMELTERS IN MONTANA & IDAHO ...Air Pollution -see Specifics; Arsenic; Chemical Analysis -general; Lead; Miners; Occupational Hazards; ...1.0279

THE EFFECTS OF ATMOSPHERIC POLLUTION ON EPIPHYTES ...Air Pollution Monitoring; Bryophyta; Iron & Steel Industry; Montana; Pseudotsuga; Range Or Territorial Distr.; ...1.0421

IRRIGATION RETURN FLOW - NUTRIENT BALANCE ...Agricultural Runoff; Nutrients; Pesticides -nonspecific; Salinity (water); Water Pollutants - Path of; ...2.0076

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination - Water; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Pollution Effects -see Water; Primary Productivity - Plants; Sewage; Water Quality -general; ...2.0119

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Borehole Geophysics; Burial; Groundwater; Isotope Tracer -see Tracers; Radioisotopes; Waste Water -general; Water Pollution Sources; ...2.0569

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo.; Chemical Analysis (water); Environmental Geology; Hydrographs; Land Use; Soil Tillage; Water Quality -general; Water Table; Water Wells; ...2.0570

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

AN INVESTIGATION OF FACTORS RELATIVE TO GROUND-WATER RECHARGE IN IDAHO ...Groundwater; Natural Recharge; Waste Disposal-see Solid Waste; Water Purification; ...2.0572

AN INVESTIGATION OF FACTORS INFLUENCING WATER QUALITY IN SOUTH FORK, COEUR D'ALENE RIVER ...Water Pollutant Identification; Water Pollution Sources; Water Quality -general; ...2.0573

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Geochemical Analysis (water); Quaternary Period; Structural Analysis - Geology; Tertiary Period; Water Cycle; Water Pollution Sources; Water Storage; ...2.1240

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Effluent-standards; Forest Management; Irrigation; Sediment Thickness; Water Costs; Water Reuse; ...2.1241

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Environmental Ecology; Insects - Beneficial; Lumbering -general; Ponds; Range Or Territorial Distr.; Temperature (water); ...2.1543

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Pre-impoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

GEOCHEMISTRY OF MERCURY ...Genetic Relationships; Geochemical Investigations; Mercury; Mineral Associations; Nevada; Reconnaissance Studies; ...3.0023

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

Illinois

CHICAGO AIR POLLUTION SYSTEMS MODEL ...Air Cleaning Devices; Diffusion; Gases; Mathematical Models; Trace Analysis; Urban Environment; Weather Data; ...1.0046

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

ECONOMIC EVALUATION OF ALTERNATIVE POLICIES FOR AIR RESOURCE MANAGEMENT ...Air Pollution -see Specifics; Costs -see Economics Entries; Government -see Federal Gov.; Mathematical Models; Urban Research -general; ...1.0443

ATMOSPHERIC CHEMISTRY ...Activation Analysis; Air Pollution Sampling; Atmospheric Dynamics; Precipitation Instruments; Snow; ...2.0122

ALGAL GROWTH POTENTIAL OF ILLINOIS WATERS ...Algae -nonspecific; Plant Productivity -general; Water Pollutant Identification; Water Quality -general; ...2.0128

DISPERSION AND HEAT DECAY OF THERMAL DISCHARGES ...Electric Power Plants; Energy Conversion; Forecasting - Prediction; Illinois River; Model Studies; Temperature; Thermal Pollution; ...2.0129

NITRATE IN SURFACE WATERS IN ILLINOIS ...Fertilizers; Small Watersheds; Soil Types -also See Specifics; ...2.0130

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Model Studies; Precipitation Gages; Radiotracers -see Tracers- Tracers; ...2.0133

ROLE OF NITROGEN FERTILIZERS IN WATER POLLUTION, AS AFFECTED BY RATE AND TIME OF APPLICATION ...Drainage; Fertilizers; Nitrogen and Nitrogen Cpds.; Water Pollutants - Path of; ...2.0135

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Contamination - Water; Fish; Invertebrates -nonspecific; Organic Matter; Pollution Effects -see Water; Sediments; ...2.0576

SAND AND GRAVEL AQUIFERS OF NORTHEASTERN ILLINOIS ...Aquifers; Artificial Recharge; Size; Surficial Geology Studies; Water Resources Development; ...2.0579

INVESTIGATION OF PERMEABILITY OF FINE GRAINED GLACIAL SEDIMENTS IN RELATION TO WASTE DISPOSAL IN ILLINOIS ...Aquifers; Drainage; Land Use; Permeability; Till; Water Quality Control -general; ...2.1006

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Contamination; Groundwater Movement; Landfill; Sanitary Landfills; Waste Disposal on Soils; ...2.1007

HYDRAULIC GEOMETRY AND LOW STREAMFLOW REGIMEN ...Dyes; River Basins; Streams; Water Purification; ...2.1012

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Bacterial Ecology; Cellular Physiology- Env. Eff., Chlorine; Effluent-standards; Sewage Bacteria; Water Bacteria; ...2.1259

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Aquatic Ecology - Animal; Chemical Measurements (water); Chlorination; Effluents - Waste Water; Physical Water Properties; Pollution Effects -see Water; Protozoa; Temperature (water); ...2.1262

LIME-LIMESTONE NEUTRALIZATION OF ACID MINE DRAINAGE ...Acid Mine Wastes; Acidity (water); Coal; Drainage; Lime Treatment; Limestone-general; Neutralization; ...2.1329

ILLINOIS AND ITS INTERSTATE COMPACTS ...Administrative Organizations; Community Health Services; Legal Review; Urban Environment; Urban Research -general; Water Resources Protection; ...2.1819

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1823

DEVELOPMENT OF COST CRITERIA FOR WATER SUPPLY ...Urban Environment; Water - Alternative Uses; Water Resources Development; Water Transfer; ...2.1824

ECONOMIC EVALUATION OF THE EFFECT OF SELECTED CROP PRACTICES ON NON-AGRICULTURAL USES OF WATER ...Agricultural Studies -general; Costs -see Economics Entries; Mathematical Models; Optimization, Economic; Sediments; Water Costs; Water Quality -general; ...2.1828

CLAY-WATER SYSTEMS IN RELATION TO ENGINEERING PROPERTIES OF CLAY MATERIALS ...Clay Soils; Infiltration; Mass Wasting, Geological; Septic Tanks; Size; Suburban Areas, Urban Research -general; ...3.0050

A METHOD OF MANURE DISPOSAL FOR A BEEF PACKING OPERATION ...Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Feces; Solid Waste; Waste Disposal-see Solid Waste; ...3.0121

WATER AND SEWERAGE FACILITIES REPORT ...Expenditures; Missouri; Public Utilities; Regional Economics; Urban Research - general; Water Supply Facilities; ...3.0123

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Groundwater; Leaching; Soil Tillage; Waste Disposal on Soils; ...3.0133

ILLINOIS CONSUMERS' REACTION TO USE OF PEST CONTROL ON AGRICULTURAL PRODUCTS ...Attitudes & Attitude Change; Consumer Attitudes- Pesticides; Demography; Home Economics; Pesticide Toxicity in Humans; Pesticides -nonspecific; Residues in Foods; ...4.0303

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics, Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg, Plant; Soil Microbiology; ...4.0943

Illinois River

ACCUMULATION OF METALS IN THE AQUATIC FOOD CHAIN IN THE ILLINOIS RIVER ...Analysis and Detection; Aquatic Soils; Bioassays; Plant Food Chains; Water Pollution Effects; ...2.0125

DISPERSION AND HEAT DECAY OF THERMAL DISCHARGES ...Electric Power Plants; Energy Conversion; Forecasting - Prediction; Illinois; Model Studies; Temperature; Thermal Pollution; ...2.0129

NITRIFICATION--DISSOLVED OXYGEN RELATIONSHIPS ...Aeration (water); Water Resources Planning; Water Standards & Baselines; ...2.0892

EFFECTS OF CONTAMINANTS ON REAERATION ...Aeration (water); Chemical Oxygen Demand; Management (water); Turbidity (water); Water Purification; ...2.1009

DIATOM REMOVAL BY FLOCCULATION ...Algal Pollutant Sources; Contamination - Water; Flocculation; Oxidation; Pollutant Removal; Temperature (water); ...2.1251

NUTRIENT REMOVAL IN A WATER TREATMENT PLANT ...Biochemical Oxygen Demand; Coagulation; Flocculation; Nutrients; Sand Filters; ...2.1252

SIMULATION MODELING OF THERMAL EFFECTS ON SELECTED RIVER SYSTEMS ...Atomic Plants; Development of Models; Energy Conversion; Model Studies; River Basins; Water Pollution Effects; ...2.1754

SIMULATION MODELING OF ENVIRONMENTAL EFFECTS OF THERMAL GENERATION ...Atomic Plants; Columbia River; Electric Power Plants; Environment; Great Lakes -see Specific Lake; Model Studies; Simulation Theory; ...2.1759

Immunology

AGING AND IMMUNE COMPETENCE-EFFECT OF ENVIRONMENT ON IMMUNE COMPETENCE ...Air Pollution -see Specifics; Contamination - Water; Environmental Physiology; Muridae; Pseudomonas; Salmonella -nonspecific & -ot.; ...2.1722

BIOLOGICAL METHODS OF CONTROL FOR INTERNAL PARASITES OF LIVESTOCK ...Animal Pharmacology; Chemical Analysis; Genetic Resistance; Loxon; Nematoda, Organophosphorous Cpcs.; Pesticide Action on Animals; ...4.0555

BLOOD FORMATION IN THE EMBRYO (NEWBORN) OPOSSUM ...Developmental Physiology; Didelphidae; Digestive System - Human; Radiation, Whole Body; ...5.0206

METABOLIC PROBLEM IN SECONDARY DISEASE ...Digestive System - Human; Muridae; Nitrogen and Nitrogen Cpds.; Primates -nonspecific; Radiation, Whole Body; X and Gamma Rays; ...5.0618

IRRADIATION PROTECTION AND HISTOCOMPATIBILITY ...Biological Basis; Muridae; Radiation Injury Prevention; Radiation Sources -general; ...5.0689

THE EFFECTS OF IRRADIATION ON ERYTHROCYTE CHIMERISM & IMMUNOLOGIC TOLERANCE IN CATTLE TWINS ...Animal Pharmacology; Bos; Experimental Teratology; Radiation Effects - Biological; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0766

Impaired Water Use

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters, Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure - other; Water Reuse; ...2.0031

WATER QUALITY ASSESSMENT AND POLLUTION CONTROL ...Biological Water Properties; Data Networks; Groundwater; Irrigation; Physical Water Properties; Sewage; Water Pollution Abatement; ...2.0510

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Computer Models; Drainage; Fertilizers; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Moisture; Soil Water Plant Relationships; ...2.0513

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion, Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering - geologic; ...2.0566

HYDROUS METAL OXIDES - THEIR GEOCHEMISTRY AND EFFECT ON WATER QUALITY ...Adsorption; Adsorption Capacity; Geochemical Analysis (water); Physiological Effects; Water Pollution -see Specifics; ...2.0969

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff; Arizona; Irrigation; Parks; Runoff (water); Turf; Waste Disposal on Soils; ...2.1156

A UNIFIED APPROACH TO WATER, FOOD AND POWER IN A COASTAL DESERT COMMUNITY ...Arid and Desert Regions; Auto Exhaust -see Air Poll.; Desalination; Electric Power Plants: Humidity; Mexico; Temperature - Air; ...2.1157

ANTELOPE VALLEY WASTE WATER RECLAMATION FACILITY ...Effluent-standards; Filters-filtration; Flocculation; Pond; Sewage Lagoons; ...2.1179

ECOLOGICAL AND PHYSIOLOGICAL IMPLICATIONS OF GREENBELT IRRIGATION ...California; Fire Prevention; Groundwater; Irrigation; Plant Ecology -nonspecific; Sewage; Waste Disposal on Soils; ...2.1189

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Effluent-standards; Forest Management; Idaho; Irrigation; Sediment Thickness; Water Costs; Water Reuse; ...2.1241

DESIGN OF WASTEWATER TREATMENT SYSTEMS TO SATISFY EFFLUENT QUALITY REQUIREMENTS BASED ON INTENDED USE ...Effluent-standards; Waste Treatment; Water Quality -general; Water Reuse; ...2.1344

PROCESSING PLANT EFFLUENTS FOR IRRIGATION IN COASTAL PLAINS OF NORTHEAST ...Biological Effects; Effluents - Waste Water; Food Processing Wastes; Industrial Wastes; Irrigation; Lye; Plant Waste Removal, Treatment; Soil Chemical Properties; Water Reuse; ...2.1443

MULTIPLE SCLEROSIS AND THE QUALITY OF DRINKING WATER ...Physiological Effects; Sanitation; Water Pollution -see Specifics; Water Pollution Sources; ...2.1598

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

A NEW PRACTICAL APPROACH TO DAIRY WASTES ...Bacteria; Farm Animal Wastes; Waste Disposal on Soils; Water Quality Control -general; ...3.0392

Income Analysis -see Economics

AN EVALUATION OF FREE TRANSIT SERVICE ...Consumption ; Economic Studies -general; Land Use; Massachusetts; Social Aspects, Traffic Engineering; Transportation; Transportation Management, Urban Research -general; ...1.0446

Consumption

AN EVALUATION OF FREE TRANSIT SERVICE ...Economic Studies -general; Land Use; Massachusetts; Social Aspects; Traffic Engineering; Transportation; Transportation Management; Urban Research -general; ...1.0446

COMMERCIAL OYSTER FISHERY DEVELOPMENT INVESTIGATION ...Agricultural Economics; Captive Rearing; Coliforms -nonspecific; Commercial Fishing; Contamination - Water; Ostreidae (oyster); Shellfish Depuration; ...2.0561

MARKETS TO 1980 FOR WASTE WATER TREATMENT AND RENOVATION FACILITIES ...Chemical Treatment (water); Economic Impact; Forecasting - Prediction; Marketing; Waste Water Treatment -general; ...2.1795

ASSESSMENT OF THE MARKET FOR WATER AND WASTE WATER INSTRUMENTATION AND CONTROLS, AND WATER QUALITY MONITORING SYSTEMS ...Water Pollutant Identification; ...2.1796

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Economic Projections- Forecast; Forecasting - Prediction; Statistics; Water Costs; Water Resources Planning; Water Transfer; ...2.1874

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Development of Models; Floods; Land Use; Mathematical Models; Recreation, Water Resources; Statistical Models; Urban Research; ...2.1904

TECHNICAL AND ECONOMIC APPRAISAL OF PACKAGED SEWAGE TREATMENT SYSTEMS ...Waste Treatment; Waste Treatment Economics, Waste Water Treatment -general; ...3.0073

IMPROVED MARKETING PRACTICES AND MARKETS FOR LUMBER AND OTHER MANUFACTURED PRODUCTS OF EASTERN HARDWOODS ...Agricultural Economics; Costs -see Economics Entries; Manufacturing; Mulches; Processing; Supply; Tsuga; ...3.0344

WORLD ELECTRONIC INDUSTRIES ...Air Pollution Monitoring; Economic Projections- Forecast; Electronics Engineering; Instrument Services; Meteorologic Instruments -gen.; Noise -see Noise; Supply; ...6.0071

Economic Planning

ATTITUDES, OPINIONS AND GOALS CONCERNING REGIONAL RESOURCE PLANNING AND DEVELOPMENT ...Attitudes & Attitude Change; Computer Methods -general; Government -see Federal Gov.; Regional Economics; River Basins; Vermont; ...2.1922

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ...Building Design; Coastlines - Shorelines; Mathematical Models; Planning; Regional Economics; Urban Planning; Water Quality -general; ...3.0084

Expenditures

URBAN INFRASTRUCTURE INVESTMENT IN DEVELOPING COUNTRIES ...Chile; Housing; Public Utilities; Residential Buildings; Urban Environment; Water Supply Facilities; ...2.1811

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Finance -see Economics Entries; Lakes; Massachusetts; Model Studies; Riparian Rights; Water Pollution Abatement; Water Resources Planning; ...2.1843

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Floods; Inventories; Minnesota; Recreation, Water Resources; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1859

CRITERIA FOR DETERMINING ECONOMIC PRIORITIES IN AWARDING SEWAGE FACILITY CONSTRUCTION GRANTS ...Economic Efficiency; Factor Analysis; Pennsylvania; Waste Treatment Economics; Welfare Economics; ...2.1908

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control - general; ...2.1913

ECONOMIC EFFECTS OF SUBSIDIES FOR POLLUTION ABATEMENT ...Cost-benefit Analysis; Costs -see Economics Entries; Effluents - Waste Water; Fiscal Analysis -general; Government -see Federal Gov.; Water Pollution Abatement; Water Standards & Baselines; ...2.1914

WATER AND SEWERAGE FACILITIES REPORT ...Illinois; Missouri; Public Utilities; Regional Economics; Urban Research - general; Water Supply Facilities; ...3.0123

Fiscal Analysis -general

CRITERIA FOR DETERMINING ECONOMIC PRIORITIES IN AWARDING SEWAGE FACILITY CONSTRUCTION GRANTS ...Economic Efficiency, Factor Analyris; Pennsylvania; Waste Treatment Economics; Welfare Economics; ...2.1908

ECONOMIC EFFECTS OF SUBSIDIES FOR POLLUTION ABATEMENT ...Cost-benefit Analysis; Costs -see Economics Entries; Effluents - Waste Water; Expenditures; Government -see Federal Gov.; Water Pollution Abatement; Water Standards & Baselines; ...2.1914

APPLICATION OF DYNAMIC AND LINEAR PROGRAMMING TO URBAN DEVELOPMENT ...Public Utilities; Storm Sewer Quantity; Taxes - State Or Local; Urban Roads; Water Supply Facilities; ...3.0082

ENVIRONMENTAL SYSTEMS PROGRAM ...Administration and Management; Environmental Hazards; Mathematical Analysis; Political Processes & Systems; Urban Research -general; Waste Disposal-see Solid Waste; ...3.0173

FEASIBILITY OF REGIONAL UTILITIES FOR MANAGEMENT OF INDUSTRIAL AND MUNICIPAL WASTES ...Finance -see Economics Entries; Industrial Wastes; Public Utilities; Urban Research -general; Waste Treatment; Water Standards & Baselines; ...3.0190

Government Programs

MEASURING PERFORMANCE IN PUBLIC PROGRAMS ...Air Pollution; Cost-benefit Analysis; Economic Projections- Forecast;

Income Analysis -see Economics

Public Health; Technology - Social Impact; Water Quality - general; ...1.0442

Income Development & Growth

INPUT-OUTPUT ANALYSIS OF GENERATION AND ELIMINATION OF POLLUTION IN THE UNITED STATES ECONOMY ...Air Pollution; Benefit-cost Analysis; Process Development; Water Chemistry; ...2.1848

Regulatory & Legal

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Benefit-cost Analysis; Energy Conversion; Government -see Federal Gov.; Legal Studies; Petroleum Industry; Social Aspects; Water Resources Protection; ...1.0481

INPUT-OUTPUT ANALYSIS OF GENERATION AND ELIMINATION OF POLLUTION IN THE UNITED STATES ECONOMY ...Air Pollution; Benefit-cost Analysis; Income Development & Growth; Process Development; Water Chemistry; ...2.1848

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

Savings and Investment

OPTIMAL RECREATIONAL DEVELOPMENT IN URBAN RIVERINE AREAS ...Costs -see Economics Entries; Industrial Wastes; Optimization, Economic; Reservoirs and Impoundments; Urban Environment; Urban Research -general; ...2.0346

THE DETERMINANTS OF REAL ESTATE VALUES ...Air Pollution -see Specifics; Building Construction; Heating Units; Location Choice; Noise -see Noise; Residential Buildings; Value; Zoning; ...6.0055

Taxes - Federal

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Textile Industry; Water Quality Control -general; ...2.1913

Taxes - General

OPTIMAL CONTROL OF POLLUTION DISTRIBUTION ...Computer Models; Economic Theory; Water Quality Control -general; Welfare Economics; ...1.0444

Taxes - State Or Local

AN ECONOMIC STUDY OF MUNICIPAL SURCHARGES ON INDUSTRIAL WASTES ...Budgeting Analysis; Disposal Wastes, Industry; Regression Analysis; Social Aspects; Urban Environment; Waste Treatment; ...2.1359

THE POLITICAL AND ADMINISTRATIVE PROBLEMS OF INSURING APPROPRIATE RESIDENTIAL SERVICES IN THE PERRY AND CLINTON RESERVOIR AREAS ...Government -see Federal Gov.; Kansas; Legal Studies; Reservoirs and Impoundments; Social Aspects; Water Quality Control -general; ...2.1834

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

APPLICATION OF DYNAMIC AND LINEAR PROGRAMMING TO URBAN DEVELOPMENT ...Fiscal Analysis -general; Public Utilities; Storm Sewer Quantity; Urban Roads; Water Supply Facilities; ...3.0082

India

EXPERIMENTAL INFECTIVE PNEUMOCONIOSIS ...Air Pollution -see Specifics; Asbestos; Bacterial Population Surveys; Miners; Occupational Hazards; Respiratory Bacteria; Respiratory Irritants, Inhaled; ...1.0203

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; Marine Biology - General; Ocean Currents; Radioactivity; Radioecology - Plants; Salinity; Vertebrates Excl. Man; Water Pollution Sources; ...2.0136

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Chemical Water Properties; Ecological Effects; Environmental Influences; Lower Plants; Organic Water Properties; Physiological Effects; ...2.1549

USE OF ALGAE, ALGAE-PROTOZOA, AND ALGAE-BACTERIA CULTURES IN SEWAGE TREATMENT ...Algae - Chlorophyta; Algae - Cyanophyta; Cellular Physiology- Env. Eff.; Foreign Agriculture; Oxygen Content (water); Product Development Research; Sewage - Domestic; Waste Water Treatment - general; ...3.0136

USE OF SEWAGE TO PRODUCE ALGAE FOR LIVESTOCK FEED ...Algae - Chlorophyta; Algae - Cyanophyta; Algal Physiology; Fungi -nonspecific; Plant Waste Removal, Treatment; Sewage Bacteria; ...3.0369

STORED GRAIN INSECT PESTS AND THEIR CONTROL IN UTTAR PRADESH, INDIA ...Climates -general; Foreign Agriculture; Insecticides -nonspecific; Pesticide Evaluation; Temperature - Air; Zea Mays - Field Corn; ...4.0305

Indian Ocean -general

MEASUREMENTS OF BOMB-PRODUCED RADIOCARBON IN THE SURFACE AND SUB-SURFACE WATER OF THE PACIFIC OCEAN ...Marine Environments; Ocean Mixing; Pacific Ocean; Particle - Gas Transfer; Radioactivity; Sea Water Sampling; Seismology; ...2.0505

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish; Marine Animals, Marine Environments; Marine Photography-Television; Ocean Circulation -general; Ocean Currents; Pacific Ocean; Radioactivity; Vertical Distribution; ...2.0972

Indiana

PRODUCTION PRACTICES FOR FRUITS ...Air Pollution -see Specifics; Cold Resistance; Fruit, Nut, and Berry Crops, Prunus Persica; Temperature - Air; ...1.0054

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Eutrophication; Lakes; Organic Properties; Synoptic Weather Observations; Temperature - Air; Vertical Distribution; Water Stratification; ...2.0137

SALINE WATER RESOURCES OF INDIANA ...Cooperative Studies; Groundwater; Recovery - Production; Saline Water Intrusion; Water Pollutants - Path of; ...2.0138

HYDROLOGY AND WATER QUALITY OF SURFACE MINING FOR COAL IN PIKE COUNTY, INDIANA ...Automatic Data Aquisition; Coal; Mining Industry; Soil Tillage; Strip Mines; Water Quality -general; ...2.0582

WATER POLLUTION STUDY OF THE WABASH RIVER ...Data Acquisition; Industrial Wastes; Model Studies; Urban Environment; Wabash River; Water Pollution Sources; Water Quality - general; ...2.0583

MICROBIOLOGY OF THERMALLY POLLUTED ENVIRONMENTS ...Acidity (water); Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Hyperthermal; Radioisotopes -nonspecific; Thermophilic Bacteria; Water Pollutant Identification; ...2.1550

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna, Biological Water Properties; Electric Power Plants; Fish, Induced Temperature, Oxygen Content (water); Plankton; Temperature (water); Turbidity (water); Turbines; ...2.1552

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

A QUANTITATIVE ANALYSIS OF LANDSCAPE ESTHETICS, WITH SPECIAL REFERENCE TO STREAM AND VALLEY SYSTEMS AND RELATED WATER AND LAND RESOURCES ...Landscaping; Social Aspects; Temperate Climates; Water Quality -general; Water Resources Development; Water Utilization - domestic; Wild Rivers; ...2.1829

ECONOMIC ANALYSIS OF OPTIMAL WATER QUALITY MANAGEMENT ...Economic Theory; Management; Management (water); Model Studies, Optimization, Economic; Systems Analysis - Water Mgmt; Water Quality Control -general; ...2.1830

Infiltration

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure -other; Water Reuse; ...2.0031

CHARACTERIZATION OF SOIL NONWETTABILITY AND THE DEVELOPMENT OF CRITERIA FOR THE MOST ECONOMIC TREATMENT OF THESE SOILS ...Fire Damage, Recovery; Soil Conditions; Soil Moisture; Soil Types -also See Specifics; Surfactants -see Detergents; ...2.0044

BEHAVIOR OF POLLUTANTS IN WATER ...Degradation; Groundwater; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -nonspecific; Soil Moisture; Water Pollutants - Path of; ...2.0074

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality -general; Water Table - Depth of; ...2.0096

STUDY OF CAUSES AND CONTROL OF GROUND WATER INFILTRATION INTO SEWERS ...Canada; Overflow -see Fluid Mechanics; Sewer Systems; Survey Studies (water); ...2.0123

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types -also See Specifics; Tillage, Cropping Systems; ...2.0147

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0308

STRIP-MINING AND WATER QUALITY ...Acidity (water); Chemical Analysis (water); Coal; Erosion; Mine Wastes; Rainfall Simulators; Spoil Banks; Thermal Poll. -see Water Poll.; ...2.0309

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Erosion; Oregon; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Soil Chemical Properties; Surface Active-other; Water Pollutants - Path of; ...2.0330

UNDERSTANDING OF THE INFILTRATION OF RAIN INTO BURIED WASTE ...Burial; Leaching; Soil Moisture; Waste Disposal; Water Pollution Sources; ...2.0357

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

UTILIZATION OF THE STORAGE POTENTIAL OF RIVER VALLEY AQUIFERS ...Aquifers; Data Reduction and Analysis; Nebraska; Recharge (water); River Basins; Water Quality - general; Water Storage; ...2.0665

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal, Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

INVESTIGATION OF PERMEABILITY OF FINE GRAINED GLACIAL SEDIMENTS IN RELATION TO WASTE DISPOSAL IN ILLINOIS ...Aquifers; Drainage; Illinois; Land Use; Permeability; Till; Water Quality Control -general; ...2.1006

DISPOSAL OF SLUDGE FROM ACID MINE DRAINAGE TREATMENT PLANTS ...Acid Mine Wastes; Aeration (water); Agricultural Runoff; Neutralization; Sprinkler Irrigation; Waste Disposal-see Solid Waste; ...2.1090

FURTHER STUDIES OF INFILTRATION ...Disposal; Drainage, Groundwater; Saturated- Unsaturated Soils; Subsurface Runoff; Waste Water Treatment -general; ...2.1183

TREATMENT OF PEAK WET WEATHER WASTEWATER FLOWS, AND RATE CONTROL OF ALL WASTEWATER DISCHARGES TO INTERCEPTOR SEWERS ...Aeration (water); Overflow -see Fluid Mechanics; Sewage Lagoons; Sewer Systems; Storm Sewer Quantity; Waste Water Treatment -general; ...2.1190

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Food Processing Industries; Gallus Domesticus; Nitrogen and Nitrogen Cpds.; Percolation (water); Phosphorus and Phosphorus Cpds; Soil Moisture; Sprinkler Irrigation; Water Quality -general; ...2.1287

USE OF POLYMERS TO REDUCE OR ELIMINATE SEWER OVERFLOW IN THE BACHMAN CREEK SEWER ...Electrochemistry; Pipe; Storm Sewer Quantity; Storm Water; ...2.1428

METHODS TO REDUCE WATER POLLUTION CAUSED BY STORM WATER SEWER LOADING BY USING FLUID FLOW FRICTION REDUCERS ...Chemical Mechanisms & Kinetics; Electrochemistry; Groundwater; Pipe; Sewage - Domestic; ...2.1432

DEVELOPMENT AND DEMONSTRATION OF MATERIALS TO REDUCE OR ELIMINATE WATER INFILTRATION INTO SEWERAGE ...Costs -see Economics Entries; Groundwater Movement; Materials -properties; Sanitary Sewage Quantity; Waste Dilution- Self Purifying; ...2.1433

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Groundwater; Pesticide Residues Removal; Pesticides -see Pesticide; Sewage; Soil Organic Content; Waste Water Treatment -general; ...2.1540

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Tillage, Cropping Systems; Waste Water Treatment - general; Water Pollution Effects; ...2.1665

EFFECTS OF SUGAR REFINING LOGOON EFFLUENTS ON FARGO CLAY ...Biochemical Oxygen Demand; Chemical Effects; Effluents - Waste Water; Sewage Lagoons; Tillage, Cropping Systems; ...2.1666

THE DETERMINATION OF GROUND WATER INFILTRATION & THE EFFECTS OF INTERNAL CHEMICAL SEALING OF SANITARY SEWERS ...Building Design; Groundwater; Pipe; Residential Buildings; Sanitary Sewage Quantity; Sewer Maintenance; Water Table; ...2.1671

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES ...Anthracite; Contamination; Industrial Wastes; Leaching; Mine Wastes; Percolation (water); Site -see Waste Disposal; ...3.0032

CLAY-WATER SYSTEMS IN RELATION TO ENGINEERING PROPERTIES OF CLAY MATERIALS ...Clay Soils; Mass Wasting, Geological; Septic Tanks; Site; Suburban Areas; Urban Research -general; ...3.0050

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc., Effluents - Waste Water; Organic Water Properties; Pilot Plants; Safety -see Farm Safety; South Carolina; Waste Management -see Specific; Water Purification; ...3.03 1

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; Water Quality - general; ...4.0192

Information Centers & Services

Archives

ABSTRACT PREPARATION FOR THE WATER RESOURCES SCIENTIFIC INFORMATION CENTER ...Abstracts ; Energy Conversion; Information Science; Thermal Pollution; Water Utilization -general; ...2.0370

Critically Evaluated Info

BIOENVIRONMENTAL AND ECOLOGICAL DATA AND INFORMATION CENTER IN SUPPORT OF BIOENVIRONMENTAL AND RADIOLOGICAL SAFETY FEASIBILITY STUDIES ...Aquatic Ecology - Animal; Data & Statistics Info Storage; Information Science; Plant Ecology -nonspecific; Radiologic Health; Tropical Regions; ...5.0062

Data & Statistics Info Storage

CHARACTERIZATION OF EXPOSURE AEROSOLS ...Aerosols ; Air Pollution -see Specifics; Electrostatic; Radon; Respiratory Irritants, Inhaled; Toxicology; ...1.0236

COLLECT AND STORE CURRENT NON-NAPCA AIR QUALITY DATA ...Air Pollution; Air Pollution-chemistry; Weather Data; ...1.0490

SURVEY FUEL ADDITIVE INFORMATION NEEDS AND IMPROVE RETRIEVAL OF DATA ...Air Pollution-chemistry; Data Reduction and Analysis; Fuels; Information Systems; Literature Search; ...1.0514

ODOR REMOVAL FROM AIR BY ADSORPTION ON CHARCOAL ...Adsorption; Odor; Thermal Properties; ...1.0560

PUBLISH NATIONWIDE EVALUATION OF AEROMETRIC DATA ON A REGIONAL BASIS FOR SPECIFIC POLLUTANTS ...Air Pollution-chemistry; Particulates - Air Pollution; Statistics; ...1.0611

AEROSOL MEASUREMENTS IN LOS ANGELES SMOG ...Aerosols; Air Pollution Analysis; Air Pollution Monitoring; California; Chemical Analysis -general; Coagulation; Smog; ...1.0732

PUBLISH BASIC AIR QUALITY DATA ...Air Pollution; Air Pollution-chemistry; Data Reduction and Analysis; ...1.0750

OPERATE A NATIONAL NETWORK FOR INTERMITTENT SAMPLING OF GASEOUS POLLUTANTS ...Absorption - Chemistry, Air Pollution-chemistry; Mercury; Nitrogen and Nitrogen Cpds.; ...1.0772

EXPAND SAROAD TO SERVE THE NEEDS OF NADIS ...Air Pollution; Data Reduction and Analysis; ...1.0785

ANALYZE SAMPLES FOR SO2 AND NO2 ...Absorption - Chemistry, Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; ...1.0801

ON-THE-JOB TRAINING FOR PERSONNEL OF REGIONAL, STATE, LOCAL AND OTHER FEDERAL AGENCIES OR OTHER NAPCA PROGRAMS (ABBREV) ...Air Pollution-chemistry; Chemical Analysis -general; Training Grants, Fellowships; ...1.0821

ANALYZE SAMPLES FOR SO2 AND NO2 ...Absorption - Chemistry, Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; ...1...823

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Effluents - Waste Water; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

DATA ACQUISITION SYSTEMS IN WATER QUALITY MANAGEMENT ...Aircraft Remote Sensing; Colorado; Data Acquisition; Detectors and Sensors; Regional Or State Studies; Water Chemistry; Water Standards & Baselines; ...2.0519

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Administration and Management; Biological Water Properties; Chesapeake Bay; Information Systems; Management (water); Social Aspects; Soil Tillage; Systems Analysis - Water Mgmt; ...2.1840

CHARACTERISTICS OF CRUDE OILS ...Alaska; Fluid Properties; Rocky Mountain System; Wyoming; ...3.0410

BIOENVIRONMENTAL AND ECOLOGICAL DATA AND INFORMATION CENTER IN SUPPORT OF BIOENVIRONMENTAL AND RADIOLOGICAL SAFETY FEASIBILITY STUDIES ...Aquatic Ecology - Animal; Critically Evaluated Info; Information Science; Plant Ecology -nonspecific; Radiologic Health; Tropical Regions; ...5.0062

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL INFORMATION PROCESSING, STORAGE, AND RETRIEVAL ...Applied Climatology; Chemical Water Properties; Data Reduction and Analysis; Electric Power Plants; Information Science; Information Systems; Thermal Pollution; Water Pollution Sources; ...5.0072

COMPUTER APPLICATIONS ...Californium; Computer Methods - general; Data Reduction and Analysis; Dose Rate; Dose Fractionation; Man Machine Systems; Neutron -see Radiation; ...5.0897

RADIOLOGICAL AND HEALTH PHYSICS INFORMATION CENTER FOR INTERNAL EXPOSURE ...Mammals -nonspecific; Radiation Injury Prevention; Radiologic Health; ...5.0936

Document & Literature Info

WATER RESOURCES SCIENTIFIC INFORMATION CENTER, WATER QUALITY REQUIREMENTS AND EFFECT OF WATER POLLUTION ON FRESHWATER MARINE ORGANISMS ...Biological Effects; Information Science; Marine Biology - General; Water Quality -general; ...2.1766

PREDICTION OF BIOLOGICAL FATE AND RADIATION DOSES FROM RADIONUCLIDES RELEASED TO THE BIOSPHERE ...Handbooks; Radiation Injury Prevention; Radiologic Health; ...5.0784

General Information Services

PRIVATELY OWNED POWER PLANTS - FEDERAL CONTRACTS ...Air Pollution-chemistry; Power Plants; Power Plants - see Specifics; ...1.0500

LEGAL INFORMATAON HANDLING SYSTEM ...Air Pollution; Data Reduction and Analysis; Government -see Federal Gov.; Information Systems; Regional Or State Studies; ...1.0528

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

ENVIRONMENTAL TRACE ELEMENTS AND REGIONAL HEALTH AND DISEASE ...Air Pollution -see Specifics; Health & Geographic Factors; Trace Element Analysis; Trace Elements; ...2.0390

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

DOCUMENT PROCESSING IN THE AREA OF WASTEWATER TREATMENT ...Abstracts; Information Science; ...2.1422

ENVIRONMENT AND TECHNOLOGY ASSESSMENT ...Aquatic Soils; Costs -see Economics Entries; Government -see Federal Gov.; Social Aspects; Thermal Pollution; Water Pollution -see Specifics; ...2.1812

STATE WATER QUALITY MANAGEMENT INFORMATION SYSTEM ...Data Reduction and Analysis; Information Science; Management (water); Pennsylvania; Water Quality -general; Water Quality Control -general; ...2.1902

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Delaware River; Effluents - Waste Water; Estuaries; Industrial Wastes; Sedimentation; Waste Disposal-see Solid Waste; Water Resources Development; Water Utilization -general; ...2.1903

THE ENVIRONMENT AND TECHNOLOGICAL ASSESSMENT ...Atomic Plants; Environmental Effects - Human; Filtration; Lake Tahoe; Management (water); Rate of Mutation; ...2.1917

ENVIRONMENTAL MUTAGEN INFORMATION CENTER (EMIC) ...Air Pollution -see Specifics; Information Science; Mercury; Mutagenesis -nonspecific; Pesticide Toxicity -general; Pesticides -nonspecific; ...4.0855

NUCLEAR SAFETY INFORMATION CENTER ...Air Pollution - see Specifics; Consultants, Advisory Services; Radioactive Hazard; ...5.0940

Library

AGRICULTURAL-POLLUTANT REPRINT LIBRARY ...Air Pollution -see Specifics; Air Pollution Effects; Information Science; ...1.0395

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; Land Use; New York; Plants - Dicotyledons, Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

Information Science

AGRICULTURAL-POLLUTANT REPRINT LIBRARY ...Air Pollution -see Specifics; Air Pollution Effects; Library; ...1.0395

LEGAL INFORMATAON HANDLING SYSTEM ...Air Pollution; Data Reduction and Analysis; Government -see Federal Gov.; Information Systems; Regional Or State Studies; ...1.0528

IMPLEMENTATION OF A LABORATORY AUTOMATION SYSTEM ...Air Pollution-chemistry; Information Systems; Man Machine Systems; Xray Diffraction; ...1.0872

ABSTRACT PREPARATION FOR THE WATER RESOURCES SCIENTIFIC INFORMATION CENTER ...Abstracts; Archives; Energy Conversion; Thermal Pollution; Water Utilization -general; ...2.0370

DATA ACQUISITION SYSTEMS IN WATER QUALITY MANAGEMENT ...Aircraft Remote Sensing; Colorado; Data Acquisition; Detectors and Sensors; Regional Or State Studies; Water Chemistry; Water Standards & Baselines; ...2.0519

CENTER FOR RESEARCH AND TRAINING IN HYDRAULIC AND HYDROLOGIC ASPECTS OF WATER POLLUTION CONTROL ...Hydraulics; Information Systems; Research Facilities; Water Quality Control -general; ...2.1099

DOCUMENT PROCESSING IN THE AREA OF WASTEWATER TREATMENT ...Abstracts; General Information Services; ...2.1422

WATER RESOURCES SCIENTIFIC INFORMATION CENTER, WATER QUALITY REQUIREMENTS AND EFFECT OF WATER POLLUTION ON FRESHWATER MARINE ORGANISMS ...Biological Effects; Document & Literature Info; Marine Biology - General; Water Quality -general; ...2.1766

STATE WATER QUALITY MANAGEMENT INFORMATION SYSTEM ...Data Reduction and Analysis; General Information Services; Management (water); Pennsylvania; Water Quality -general; Water Quality Control -general; ...2.1902

ENVIRONMENTAL MUTAGEN INFORMATION CENTER (EMIC) ...Air Pollution -see Specifics; General Information Services; Mercury; Mutagenesis -nonspecific; Pesticide Toxicity -general; Pesticides -nonspecific; ...4.0855

BIOENVIRONMENTAL AND ECOLOGICAL DATA AND INFORMATION CENTER IN SUPPORT OF BIOENVIRONMENTAL AND RADIOLOGICAL SAFETY FEASIBILITY STUDIES ...Aquatic Ecology - Animal; Critically Evaluated Info; Data & Statistics Info Storage; Plant Ecology -nonspecific; Radiologic Health; Tropical Regions; ...5.0062

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL INFORMATION PROCESSING, STORAGE, AND RETRIEVAL ...Applied Climatology; Chemical Water Properties; Data Reduction and Analysis; Electric Power Plants; Information Systems; Thermal Pollution; Water Pollution Sources; ...5.0072

Information Systems

ENGINEERING COMPUTATION AND FORECASTING ...Air Pollution; Air Pollution Monitoring; Mathematical Analysis; Statistics; ...1.0459

SURVEY FUEL ADDITIVE INFORMATION NEEDS AND IMPROVE RETRIEVAL OF DATA ...Air Pollution-chemistry; Data & Statistics Info Storage; Data Reduction and Analysis; Fuels; Literature Search; ...1.0514

LEGAL INFORMATAON HANDLING SYSTEM ...Air Pollution; Data Reduction and Analysis; Government -see Federal Gov.; Regional Or State Studies; ...1.0528

IMPLEMENTATION OF A LABORATORY AUTOMATION SYSTEM ...Air Pollution-chemistry; Information Science; Man Machine Systems; Xray Diffraction; ...1.0872

CENTER FOR RESEARCH AND TRAINING IN HYDRAULIC AND HYDROLOGIC ASPECTS OF WATER POLLUTION CONTROL ...Hydraulics; Information Science; Research Facilities; Water Quality Control -general; ...2.1099

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Administration and Management; Biological Water Properties; Chesapeake Bay; Management (water); Social Aspects; Soil Tillage; Systems Analysis - Water Mgmt; ...2.1840

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL INFORMATION PROCESSING, STORAGE, AND RETRIEVAL ...Applied Climatology; Chemical Water Properties; Data Reduction and Analysis; Electric Power Plants; Information Science; Thermal Pollution; Water Pollution Sources; ...5.0072

WHOLE BODY RETENTION AND DISTRIBUTION MEASUREMENT OF RADIOISOTOPES IN MAN ...Cobalt; Computer Methods -general; Iodine; Models (physical) of Anim.&man; Strontium; ...5.0943

Infra Red

BIOLOGICAL TRANSDUCTION OF INFARED RADIATION BY SNAKES ...Reptiles; Vertebrates Excl. Man; ...5.0201

ELECTROMAGNETIC POWER ABSORPTION MEASUREMENTS FOR RADAR HAZARDS ASSESSMENT AD SURVEILLANCE SYSTEMS ...Canidae; Electromagnetic Field; Microwave and Radiofrequency; Radiation Effects - Biological; Surveillance, Electronic; ...5.0915

WHOLE-BODY EFFECTS OF AIR FORCE NOISE ON PEOPLE ...Auditory Physiology; Aviation Medicine; Noise; Performance - Behavioral Study; Sensory & Perceptual Processes; Ultrasonic - bioeffects; ...6.0010

Injury and Shock

THE METABOLISM OF THE RARE EARTHS FOLLOWING INHALATION - PATHOLOGIC AND BIOCHEMICAL RESPONSE IN THE LUNG AND OTHER ORGANS ...Aerosols; Environmental Effects - Human; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Thulium; Ytterbium; ...5.0049

AEC OFF-SITE RADIOLOGICAL SAFETY PROGRAM ...Atomic Plants; Food Contamination; Nuclear Detonations; Radioactive Fallout; Radioactivity; Thermoluminescent Detectors; ...5.0050

BIOLOGICAL RESPONSE TO SMALL, DISCRETE, HIGHLY RADIOACTIVE PARTICLES ...Environmental Effects - Human; Muridae; Radiation; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0052

RADIATION INJURY ASSOCIATED WITH HIGH ALTITUDE FLIGHTS AND SPACE OPERATIONS ...Altitude; Beta Particles; Mammals -nonspecific; Protons; Radiation Effects - Biological; Radiologic Health; X and Gamma Rays; ...5.0079

STUDIES ON ENZYMIC REPAIR OF RADIATION INJURY IN MAMMALIAN CELLS ...Cellular Repair Mechanisms; Gases; Radiation; Radiation Effects - Biological; ...5.0096

PROTRACTED RADIATION EFFECTS ...Healing; Injury -animal; Mammals -nonspecific; Mathematical Models; Radiation Effects - Biological; X and Gamma Rays; ...5.0165

SEQUENTIAL STUDY OF ULTRASTRUCTURAL CHANGES IN EXPERIMENTAL RADIATION HEART DISEASE ...Hydrogen; Rabbits; Radiation Effects - Biological; X and Gamma Rays; ...5.0172

CATECHOLAMINE METABOLISM FOLLOWING X-IRRADIATION OF MAMMALS ...Muridae; Radiation Effects - Biological; Radiation Injury Prevention; Radiation, Whole Body; Stressors, Physiological; Urine; ...5.0214

TO STUDY BIOLOGICAL HAZARDS OF RADIO FREQUENCY RADIATION ...Microwave and Radiofrequency; Radiation Effects - Biological; ...5.0217

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - MORBIDITY STUDIES ...Atomic Bomb; Japan; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0231

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - GENETICS STUDIES ...Atomic Bomb; Japan; Radiation Effects - Biological; ...5.0233

ATLAS OF RADIATION PATHOLOGY ...Photomicrography; Radiation Effects - Biological; ...5.0243

ANALYSIS OF THE MORBIDITY AND MORTALITY OF CHILDREN IRRADIATED IN FETAL LIFE ...Computer Methods - general; Human Developmental Biology; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0302

THE MECHANISM OF THE CELL MEDIATED IMMUNE RESPONSE ...Cell Injury and Autolysis; Cellular Biosynthesis; Gallus Domesticus; Radiation; Radiation Effects - Biological; ...5.0304

STUDY OF OCULAR EFFECTS OF CHRONIC EXPOSURE TO LASER RADIATION ...Laser Effects -bioeffects; Mammals -nonspecific; Occupational Hazards; ...5.0337

FUNCTIONAL AND STRUCTURAL ALTERATIONS FOLLOWING X-IRRADIATION OF THE CEREBRAL CORTEX OF THE MONKEY ...Monkey; Radiation Effects - Biological; X and Gamma Rays; ...5.0358

EFFECTS OF IONIZING RADIATION ON THE ELASMOBRANCH BRAIN ...Injury -animal; Selachii; Vertebrates Excl. Man; X and Gamma Rays; ...5.0361

EXPERIMENTAL ELECTROMAGNETIC RADIATION STUDIES ...Canidae; Electromagnetic Field; Escherichia Coli; Microwave

and Radiofrequency; Primates -nonspecific., Radiation Sensitivity - man; ...5.0370

HUMAN RADIATION STUDIES ...Atomic Bomb; Iodine; Nevada; Radiation Dose Studies-general; Radiation Sensitivity -man; Respiratory Disease; ...5.0372

LATE EFFECTS OF THORIUM DIOXIDE RETENTION IN HUMANS ...Radiation Effects - Man; Radiation Injury Prevention; Radiation Sources -general; Thorium; ...5.0386

STUDIES OF RADIATION DAMAGE TO BIOLOGICAL MATERIALS ...Lasers and Masers; Radiation; Radiation Effects - Biological; Sulfhydryl Compounds; X and Gamma Rays; ...5.0400

EFFECTS OF RADIATION AND OTHER FACTORS ON THE DEVELOPING FORM AND FUNCTION OF THE NERVOUS SYSTEM ...Developmental Physiology; Experimental Teratology; Mammals -nonspecific; Radiation Effects - Biological; ...5.0402

CELLULAR PROLIFERATION AND REGENERATION FOLLOWING TISSUE DAMAGE ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Metabolism - Controls; Healing; Radiation; Radiation Effects - Biological; ...5.0412

TOXICITY OF INHALED 90Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Canidae; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Strontium; ...5.0435

BIOMEDICAL EFFECTS OF EXPLOSIONS ...Atomic Bomb; Civil Defense; Nuclear Warfare; Radioisotopes -nonspecific; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0437

DOSE-RESPONSE RELATIONSHIPS FOR INHALED ALPHA-EMITTING RADIONUCLIDES ...Alpha Particles, Americium; Canidae; Curium; Plutonium; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0449

THE RELATIONSHIP BETWEEN RADIATION SENSITIVITY AND OTHER PHYSICAL AND PHYSIOLOGICAL CHARACTERISTICS WITHIN ONE STRAIN OF MICE ...Cellular Repair Mechanisms; Muridae; Radiation; Radiation Sensitivity -man; Radiation Sources -general; ...5.0467

LOW-INTENSITY GAMMA-RAY EFFECTS AND RESPONSE CAPABILITY OF MOUSE BONE MARROW ...Cobalt; Muridae; Radiation, Low Level; X and Gamma Rays; ...5.0471

FOLLOW-UP STUDY OF IRRADIATED TINEA CAPITIS CASES ...Radiation Carcinogenesis; Radiation Effects - Biological; Trichophyton; X and Gamma Rays; ...5.0487

BIOLOGIC AND PHYSICAL ASPECTS OF AIRBORNE AGENTS ...Canidae; Europium; Lutecium; Monkey; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Uranium; ...5.0502

KINETICS OF HEMATOPOIETIC STEM CELL PROLIFERATION FOLLOWING X-IRRADIATION ...Canidae; Dosimetry; Monkey; Radiation; Radiation, Whole Body; ...5.0517

COMPARATIVE STUDY OF THE EFFECTS OF X-IRRADIATION ON THE ELASMOBRANCH BRAIN ...Chondrichthyes; Felidae; Injury -animal; Radiation Effects - Biological; Vertebrate Anatomy; X and Gamma Rays; ...5.0518

MEDICAL STUDIES OF THE PEOPLE OF THE MARSHALL ISLANDS ACCIDENTALLY EXPOSED TO FALLOUT ...Iodine; Radiation Carcinogenesis; Radiation Effects - Biological; Radiologic Health; ...5.0523

TIME-RADIATION DOSE RELATIONSHIPS TO BIOLOGIC DAMAGE ...Dosimetry; Radioisotopes -nonspecific; ...5.0556

HUMAN EYE LASER THRESHOLDS FOR AIR FORCE OPERATIONAL PERSONNEL ...Laser Effects -bioeffects; ...5.0559

EFFECTS OF PRENATAL AND EARLY POSTNATAL IRRADIATION ...Aviation Medicine; Developmental Physiology; Muridae; Radiation Effects - Biological; Radiation, Whole Body; ...5.0571

EFFECTS OF RADIATION ON PERMEABILITY AND ENZYMES OF SKIN ...Cell Injury and Autolysis; Permeability; Phagocytosis; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0575

EFFECT OF IONIZING RADIATION ON THE DISTRIBUTION OF DEOXYRIBONUCLEASES AND PHOSPHATASES IN SUBCELLULAR FRACTIONS OF GUINEA PIG EPIDERMIS ...Beta Particles; Cell Injury and Autolysis; Cellular Biosynthesis; Radiation Effects - Biological; ...5.0582

RADIOBIOLOGY RESEARCH PROGRAM ...Biological Basis; Radiation Sensitivity -man; Radiation Sources -general; ...5.0583

MECHANISM OF CREATINURIA IN IRRADIATED RATS ...Muridae; Radiation Effects - Biological; Urine; ...5.0587

ADAPTIVE SPECIALIZATIONS IN LEARNING AND MEMORY ...Evolution; Learning and Retention; Motivation and Instinct; Sensory & Perceptual Processes; Toxicology; ...5.0588

RADIOBIOLOGY AND NEOPLASIA - MORPHOLOGIC ASPECTS - HISTOPATHOLOGIC STUDIES ...Cancer; Gallium; Radiation Effects - Biological; Whole Body; ...5.0627

EARLY EFFECTS OF 14 MEV NEUTRON IRRADIATION IN SWINE ...Cell Injury and Autolysis; Neutron -see Radiation; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0660

DELAYED SENSORY EFFECTS OF PRENATAL IRRADIATION ...Auditory Physiology; Developmental Physiology; Learning and Retention; Psychology; Radiation, Low Level; Sensory & Perceptual Processes; X and Gamma Rays; ...5.0681

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION ...Cellular Biosynthesis; Environmental Effects - Human; Metabolism & Metab. Diseases; Radiation -see Specifics; Radiation Effects - Biological; Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0688

FACTORS INFLUENCING LD50, LD100 AND PRENATAL RADIATION INJURY ...Developmental Physiology; Muridae; Radiation, Whole Body; ...5.0690

EFFECTS OF IRRADIATION UPON AIRCREW EQUILIBRIUM ...Aviation Medicine; Environmental Effects - Human; Nuclear Warfare; Pilots; Radiologic Health; ...5.0698

RADIATION EFFECTS ON CREW-TYPE MULTIPLE TASKS ...Environmental Effects - Human; Nuclear Warfare; Primates - nonspecific; Radiation Effects - Biological; X and Gamma Rays; ...5.0699

RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIONUCLIDES IN THE BEAGLE SKELETON ...Alpha Particles; Canidae; Radiation Carcinogenesis; Strontium; ...5.0723

DEATH FROM AGING, CANCER, IRRADIATION, AND OTHER STRESSES ...Aging; Canidae; Radiation Effects - Biological; Stressors, Physiological; ...5.0725

MICROSCOPIC DISTRIBUTION OF 241-AM IN THE BEAGLE ...Americium; Canidae; Radiation Effects - Biological; ...5.0726

CHRONIC RADIATION EXPOSURE - CORRELATION OF RADIATION EXPOSURE WITH BIOLOGICAL EFFECTS ON MAN ...Occupational Hazards; Radiation Effects - Man; Radiation, Low Level; Radiologic Health; ...5.0757

PERSONNEL SPECIALISE ET ENTRETIEN DES APPAREILS D'IRRADIATION ET DE MESURE DE LA RADIATION SUR GRANDS VOLUMES ...Radiation Sources -general; Radiologic Health; ...5.0798

CLINICAL AND HEMATOLOGIC STUDIES OF IRRADIATION - CLINICAL AND LABORATORY CHANGES AFTER TOTAL-BODY IRRADIATION ...Cancer; Radiation, Low Level; Radiation, Whole Body; ...5.0922

Burns

STUDY OF THE COMBINED EFFECTS OF THERMAL TRAUMA AND SIMULATED FALLOUT IRRADIATION ...Radiation Effects - Biological; Radioactive Fallout-cf Fallout; ...5.0194

EFFECTS OF THERMAL RADIATION ON PERSONNEL IN NUCLEAR WARFARE ...Mathematical Models; Military Personnel; Nuclear Warfare; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; Toxic Substances; ...5.0373

OCULO-VISUAL EFFECTS - PHYSICAL STIMULUS IN NUCLEAR WARFARE ...Military Personnel; Nuclear Warfare; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; ...5.0374

DERMATOLOGIC REACTIONS INDUCED BY SOLAR RADIATION ...Cellular Repair Mechanisms; Light-catalyzed; Mechanism Determination; Radiation Injury Prevention; Radiation Sources - general; Ultra Violet Radiation; ...5.0381

BEHAVIORAL AND NEURAL EFFECTS OF RADIATIONS AND TOXINS ...Digestive System - Human; Mammals -nonspecific; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; ...5.0512

COMPUTER DATA REDUCTION FOR AIRCREW FLASHBLINDNESS PREDICTION ...Computer Methods - general; Nuclear Warfare; Occupational Hazards; Radiation -see Specifics; Radiation Injury Prevention; Spectrographic Techniques; ...5.0701

Healing

PROTRACTED RADIATION EFFECTS ...Injury -animal; Injury and Shock, Mammals -nonspecific; Mathematical Models; Radiation Effects - Biological; X and Gamma Rays; ...5.0165

STUDIES ON REPAIR PROCESSES OCCURRING IN HAEMATOPOIETIC TISSUE FOLLOWING TOTAL-BODY RADIATION ...Mammals -nonspecific; Radiation, Whole Body; ...5.0196

RESEARCH PROGRAM IN DEVELOPMENTAL NEUROPSYCHOLOGY ...Exercise; Motivation and Instinct; Primates -nonspecific; Psychology; Radiation Effects - Biological; ...5.0321

THE MECHANISM OF RADIATION SENSITIZATION BY 5-BROMODEOXYURIDINE IN CULTURED CHINESE

HAMSTER CELLS ...Cell Injury and Autolysis; Cricetus; Mammals nonspecific; Radiation Chemistry -biophys.; Tumor Pathology; ...5.0366

CELLULAR PROLIFERATION AND REGENERATION FOLLOWING TISSUE DAMAGE ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Metabolism - Controls; Injury and Shock; Radiation; Radiation Effects - Biological; ...5.0412

THE ROLE OF THYMIC-DEPENDENT LYMPHOCYTES IN THE ACUTE RECOVERY FROM RADIATION INJURY ...Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0450

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Gases; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

IRRADIATION EFFECTS ON DENTAL AND ORAL PROCEDURES ...Cobalt; Mammals -nonspecific; X and Gamma Rays; ...5.0495

EFFECT OF RADIATION ON GLUCOSAMINOGLYCANS IN BONE ...Aging; Cellular Biosynthesis; Mammals -nonspecific; Metabolism & Metab. Diseases; Radiation Effects - Biological; X and Gamma Rays; ...5.0496

THE RADIOBIOLOGY OF NORMAL TISSUES ...Cancer; Cellular Repair Mechanisms; Radiation; X and Gamma Rays; ...5.0696

Trauma

STUDIES ON HAZARDS OF THE TRANSPLUTONIUM ELEMENTS ...Actinium A C; Body Isotope Burden; Colloids; Gold; Muridae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0117

RESPONSE OF CELLS DERIVED FROM SJTS INJURED BY PHYSICAL TRAUMA, RADIATION OR INFECTIOUS AGT EXPOSURE ...Biological Dosimetry; Cell Injury and Autolysis; Cercopithecoidea; Military Personnel; Occupational Hazards; Radiation; Radiologic Health; ...5.0241

TRAUMATIC ORIGINS OF HEARING LOSS ...Auditory Physiology; Hearing Loss and Deafness; Monkey; Noise; Toxic Substances, Vibrations, -bioeffects; ...6.0083

AUDITORY RESPONSES TO ACOUSTIC ENERGY EXPERIENCED IN AIR FORCE ACTIVITIES ...Acoustics; Auditory Physiology; Hearing Loss and Deafness; Noise; ...6.0103

Inorganic Gases

PRODUCTS OF COMBUSTION OF DISTILLATE FUELS FOR MOTIVE POWER ...Buses; Combustion; Diesel Equipment; Fuels; Nitrogen and Nitrogen Cpds.; Odor; Trucks; ...1.0124

VENTILATION DURING TUNNEL CONSTRUCTION ...Air Pollution-chemistry; Dust; Legal Studies-general; Particulate Matter - Air Poll.; Smoke -see Air Pollution; Tunnels; ...1.0140

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Mathematical Models; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0433

AIR POLLUTION CONTROL COSTS ASSOCIATED WITH SOLID WASTE DISPOSAL ...Air Pollution-chemistry; Body; Particulates - Air Pollution; Waste Type; ...1.0463

RI - ADAPTIVE MIXTURE CONTROL FOR INTERNAL COMBUSTION ...Combustion; Engines; Fuel Induction Devices; Fuels; Spark Ignition; ...1.0651

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Combustion; Furnace and Incinerator Design; Packed Bed Reactor; Process Waste Recovery; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0661

A NEW DETECTOR FOR CARBON MONOXIDE IN AIR ...Air Pollution-chemistry; Chemical Analysis -general; Detectors and Sensors; ...1.0665

FEASIBILITY STUDIES TO DETERMINE THE USE OF VARIOUS MATERIALS AS STANDARD REFERENCES FOR AIR POLLUTION MEASUREMENTS ...Air Pollution Monitoring; Energy Conversion; Oxidants; Particulates - Air Pollution; ...1.0693

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution Control Systems; Air Pollution-chemistry; Chemical Analysis - general; Combustion; Energy Conversion; Engines; Radiometric Analysis; ...1.0721

GAS CHROMATOGRAPHY AND AIR POLLUTION CONTROL ...Adsorption; Air Pollution-chemistry; Gas Chromatography; Vacuum Techniques; ...1.0723

SAE COMMITTEE ON DIESEL AND AIRCRAFT GAS TURBINE EMISSIONS MEASUREMENTS ...Committee Support; Diesel; Engines; Turbines; ...1.0743

IONIZATION METHODS OF GAS ANALYSIS ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Detectors and Sensors; Instrument Services; Solid State Engineering; ...1.0847

Inspection and Control

THE EFFECTS OF ATMOSPHERIC CONTAMINANTS ON THE DURABILITY OF BUILDING MATERIALS ...Air Pollution; Coatings -see Materials; Corrosion, Deterioration; Coulometry; Plastics; ...1.0339

MULTILAYER FILTRATION ...Ash-coal Filters; Filters - Porous Materials; Flocculation; Plastics; Turbidity; ...2.1111

AN INVESTIGATION OF TECHNIQUES FOR THE REMOVAL OF CHROMIUM AND CYANIDES FROM ELECTROPLATING WASTES ...Chelation & Complexing; Coatings -see Materials; Flotation; Plating Wastes; Precipitation; Waste Material Recovery; ...2.1334

UTILIZATION OF BARK WASTE ...Additives; Casting of Materials; Gas Chromatography; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Pseudotsuga; Pulp-waste; ...3.0277

INITIAL DEPOSITION OF RADIONUCLIDE-CONTAINING PARTICLES IN THE LUNGS OF BEAGLE DOGS ...Aerosols; Ceramics; Medical, Dental Materials; Yttrium; ...5.0434

Interferometry

ENGINE EMISSION REDUCTION BY COMBUSTION CONTROL ...Air Cleaning Devices; Air Pollution-chemistry; Combustion; Engines; ...1.0640

HIGH SPEED INTERFEROMETER EXPERIMENT DEVELOPMENT ...Air Pollution Analysis; Atmosphere; Resolution; Spacecraft Sensory Devices; Trace Analysis; ...1.0678

SUB-MILLIMETER RESEARCH ...Air Pollution; Effects; Energy-radiation; Lasers and Masers; Resonance; Weather Radar; ...1.0686

APPLICATION OF SOLID STATE DIODE LASERS TO VERY HIGH RESOLUTION SPECTROSCOPY OF GAS POLLUTANTS - SO2, CH2O, O3 ...Air Pollution-chemistry; Gases, Lasers and Masers; Particulates and Aerosols; Resolution; Windows; ...1.0716

INFRARED REMOTE SENSING OF AIR POLLUTANTS AND FOREST FIRES ...Air Pollution Monitoring; Detectors and Sensors; Gases; Infrared Spectroscopy; Radiochemical Analysis; ...1.0742

ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF THE REACTION KINETICS OF MAJOR AIR POLLUTANTS ...Air Pollution; Chemical Mechanisms & Kinetics; Fuels; Kinetics; Shock-wave; ...1.0885

International Biol. Program

Conservation of Ecosystems

AEROBIOLOGY PROGRAM ...Aerobiology; Air Pollution -see Specifics; Microorganisms -nonspecific; Plant Pathology - Env. Relat.; Range Or Territorial Distr.; ...1.0216

Integrated Research Programs

Aerobiology

AEROBIOLOGY PROGRAM ...Air Pollution -see Specifics; Conservation of Ecosystems; Microorganisms -nonspecific; Plant Pathology - Env. Relat., Range Or Territorial Distr.; ...1.0216

Analysis of Ecosystems

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity -general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

PRODUCTIVITY AND MINERAL CYCLING ON NATURAL AND MANIPULATED ECOSYSTEMS ...Forest Watersheds; Nutrients; Plant Succession; Productivity of Terrestrial; ...2.0551

Convergent-divergent Evolution

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity -general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

Productivity of Freshwater

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Algal Physiology; Eutrophic Lakes; Mineral Nutrition; Organic Water Properties; Photosynthesis; Plant Epiphytic Relationships; Plant Productivity -general; Submerged Plants; ...2.0198

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Evaporation; Montana; Oxygen Content (water); Phytoplankton; Stratification (water); Wyoming; ...2.0233

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity -general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Cesium; Environmental Ecology; Invertebrate Physiology; Plant Ecology -nonspecific; Plant Freshwater Ecology; Radioactive Pollution -ns; Ruthenium; ...5.0069

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general; Plants; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

Productivity of Marine

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae -nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

Productivity of Terrestrial

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity -general; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

PRODUCTIVITY AND MINERAL CYCLING ON NATURAL AND MANIPULATED ECOSYSTEMS ...Analysis of Ecosystems; Forest Watersheds; Nutrients; Plant Succession; ...2.0551

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

International Economics

EXTENDING THE MARKET LIFE OF CALIFORNIA CITRUS FRUITS IN FOREIGN MARKETS ...Diphenyl; Economic Losses (or Benefits); Foreign Agriculture; Pesticide Tolerance Rate; Residues in Foods; Retail; ...4.0228

Invertebrate Physiology

RADIONUCLIDE METABOLISM IN AQUATIC ANIMALS ...Animal Habitat Studies; Clams; Crayfish; Marine Animals; Radiation Effects - Biological; Radioisotopes -nonspecific; Temperature (water); ...2.0036

THE ROLE OF SLUDGE WORMS IN PROMOTING EUTROPHICATION ...Animal Productivity; Bays; Eutrophication; Lakes; Sewage; Water Bacteria; ...2.0057

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Animal Productivity; Aquatic Ecology - Animal; Cesium; Copper; Phosphorus; Potassium; Temperature (water); Zinc; ...2.0201

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects -see Water; Water Pollution Sources; Zinc; ...2.0280

CONTROL OF PRODUCTIVITY AND POPULATION CHARACTERISTICS IN AQUATIC COMMUNITIES ...Animal Productivity; Core Analysis; Lakes; Rehabilitation -streams -lakes; Sedimentation; ...2.0426

STUDIES ON THE INTERACTIONS OF BACTERIA AND NEMATODES ...Animal Interrelationships -gen; Aquatic Ecology - Animal; Bacterial Pollutant Sources; Plant Freshwater Ecology; ...2.0461

ENZYME SYSTEMS OF ESTUARINE ORGANISMS ...Bioassay; Contamination - Water; Fish; Organophosphorous Cpds.; Pesticides -see Pesticide Wildlife Toxicity; ...2.0546

TAXONOMY AND PHYSIOLOGY OF PROTOZOA IN CAVE STREAMS AND POOLS ...Animal Distribution; Aquatic Ecology - Animal; Groundwater; Optical Properties of Water; Pollution Effects -see Water; Taxonomy -animal; Water Pollution Sources; ...2.0600

ANALYSIS OF MERCURY CONTENT OF SHELLFISH OFF THE MASSACHUSETTS SEACOAST ...Atomic Absorption; Contamination - Water; Crustacea; Mercury; Mollusca; ...2.0616

BENTHONIC INVERTEBRATES AS AN INDEX OF WATER QUALITY ...Animal Life History Studies; Bioassays; Environmental Ecology; Invertebrates -nonspecific; Water Pollutant Identification; ...2.0643

POPULATION STUDIES OF MARINE AMPHIPOD CRUSTACEANS ...Amphipoda; Aquatic Ecology - Animal; Estuaries; Marine Animals; Vertical Distribution; ...2.0669

ENERGY EXPENDITURES FOR OSMOTIC AND IONIC REGULATION IN DAPHNIA ...Bioassay; Cladocera; Salinity (water); ...2.0761

REARING AND SENSITIVITY STUDIES OF VARIOUS LIFE STAGES OF MARINE MACROINVERTEBRATES ...Animal Pharmacology; Crabs; Marine Animals; Prawns; Water Pollutant Identification; ...2.0791

DEVELOPMENT OF AN IN SITU MARINE BIOASSAY WITH CLAMS ...Bioassays; Captive Rearing; Contamination - Water; Monitoring; ...2.0839

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Algae -nonspecific; Boating; Fish; Fishing; Mollusca; Recreation; Water Resources; Sewage Lagoons; Waste Water Treatment -general; ...2.1159

RADIOECOLOGICAL STUDY OF THE HUMBOLDT BAY MARINE ENVIRONMENT - DEVELOPMENT OF A MODEL ...Algal Physiology; Marine Biology - General; Marine Geology; Plankton; Radioactivity; Turbidity; ...2.1491

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

ECOLOGY OF COLORADO MOLLUSKS ...Chemical Measurements (water); Colorado; Contamination - Water; Environmental Ecology; Mollusca; Range Or Territorial Distr.; ...2.1504

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Contamination - Water; Environmental Ecology; Fish Farming; Optical Properties of Water; Pesticides -nonspecific; Spawn Or Nesting Sites; Temperature (water); ...2.1516

COHERENT AREA RESEARCH PROGRAM IN ECOLOGY ...Animal Behavioral Ecology; Animal Succession; Eutrophication; Poeciliid; ...2.1518

ENVIRONMENTAL CONTROL SYSTEM FOR OYSTER FARMING ...Chemical Measurements (water); Circulation (water); Delaware; Nutrient Studies -animal; Salinity (water); Spawning & Nesting Sites; Temperature (water); ...2.1521

PHARMACEUTICALS RESEARCH ...Animal Productivity; Coelenterata; Sphyraenidae; Toxicology; ...2.1528

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Atomic Plants; Embryology -basic; Estuaries; Marine Animals; Population Dynamics -general; Temperature (water); ...2.1567

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

THE THERMAL REQUIREMENTS AND TOLERANCE OF KEY ESTUARINE ORGANISMS ...Electric Power Plants; Environmental Ecology; Estuaries; Salinity (water); Thermal Pollution; ...2.1576

BIOGEOCHEMISTRY OF ESTUARINE ECOSYSTEM WITH EMPHASIS ON HEAVY METALS AND SHELLFISH ...Chemical Analysis (water); Contamination - Water; Geochemical Analysis (water); Organic Matter; Physiological Effects; ...2.1578

EFFECT OF WATER TEMPERATURE AND/OR DISSOLVED OXYGEN REQUIREMENTS ON SELECTED MOLLUSKS ...Aquatic Ecology - Animal; Environment Resistance-animals; Gastropoda; Temperature (water); Thermal Pollution; ...2.1589

SECONDARY PRODUCTION IN RUNNING-WATER ECOSYSTEMS ...Animal Habitat Studies; Animal Productivity; Bottom Sampling; Ecological Effects; Management (water); Plant Productivity -general; ...2.1601

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bays; Ecological Effects; Energy Conversion; Long Island Sound; Mollusca; Population Dynamics -general; Temperature (water); Zooplankton; ...2.1638

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER ...Aquaria; Captive Rearing; Energy Conversion; Fish Farming; Marine Animals; New York; Temperature (water); Water Utilization - animal; ...2.1653

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Copepoda; Environmental Ecology; Fish; Marine Animals; Mollusca; Population Dynamics - general; Salinity (water); Thermal Properties; ...2.1693

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Clams; Environment Resistance-animals; Hippolyte; Marine Animals; Marine Pollution; Temperature (water); ...2.1694

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies; Atomic Plants; Effluents - Waste Water; Environmental Physiology; Nuclear Reactors; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1708

SYNERGISTIC INTERACTIONS OF ENVIRONMENTAL FLUCTUATIONS AND SUBLETHAL CONCENTRATIONS OF POLLUTANTS IN THE FIDDLER CRAB, UCA PUGILATOR ...Contamination - Water; Crabs; ...2.1709

EFFECTS OF WATER POLLUTION ON ZOOPLANKTON ...Cladocera; Copepoda; Insecticides -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Water Pollution Sources; ...2.1717

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

CHEMISTRY OF NEMATODES AND NEMATOCIDES ...Nematoda; Pathological Physiology; Pesticide Degradation -see Deg; Soil Microbiology; ...4.0229

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Animal Resistance; Bioassay; Estuaries; Hippolyte; Marine Animals; Pesticides -nonspecific; San Francisco Bay; ...4.0543

STUDIES ON THE ECOLOGICAL PHYSIOLOGY OF MIDWATER CRUSTACEANS ...Carbon; Crustacea; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Vertical Distribution; ...4.0570

PHYSIOLOGY OF ESTUARINE ORGANISMS ...Carbon; Estuaries; Hippolyte; Marine Animals; Pesticides -see Pesticide; ...4.0591

EFFECTS OF PESTICIDES ON MARINE ANIMALS ...Developmental Physiology; Echinodermata; Hippolyte; Marine Pollution; Pesticide Toxicity in Animals; ...4.0593

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

THE UPTAKE OF INSECTICIDES BY FRESHWATER MUSSELS AND THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF INSECTICIDES ON THESE MUSSELS ...Contamination - Water; Fresh Water; Insecticides -nonspecific; Mollusca; Pesticide Action on Animals; Pesticide Formulation; ...4.0676

EFFECTS OF DISSOLVED OXYGEN, TEMPERATURE AND POTENTIAL TOXICANTS UPON MACROINVERTEBRATES (NON-ARTHROPODS) ...Animal Productivity; Aquatic Ecology - Animal; Clams; Gastropoda; Temperature (water); ...4.0680

SEASONAL CHANGES IN ESTERASE ACTIVITY IN FISH AND INVERTEBRATES. INTERACTIONS BETWEEN PESTICIDES ON FISH ENZYME SYSTEMS ...Biochemical Analysis - Tissues; Fish; Invertebrates -nonspecific; Lepomis Macrochirus; Pesticide Action on Animals; Pesticides -nonspecific; ...4.0703

INFLUENCE OF PROTOZOAN ACTIVITY ON HALOGENATED HYDROCARBON RESIDUES - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Aquatic Ecology - Animal; Biodegradation; Fresh Water; Pesticides -see Pesticide; Protozoa; ...4.0706

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Aldrin; Animal Resistance; Cladocera; DDT;

Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -see Pesticide; ...4.0734

CONTINUOUS-FLOW BIOASSAY OF PESTICIDES TO EVALUATE THE ACUTE AND CHRONIC EFFECTS OF PESTICIDES TO FRESHWATER INVERTEBRATES (ABBREV.) ...Laboratory Animals; Pesticide Tolerance Rate; Pesticides -nonspecific; Physiological Effects; ...4.0737

RESPIRATION RATES OF FISH-FOOD INVERTEBRATES EXPOSED TO PESTICIDES ...Carbamates -nonspecific; Contamination - Water; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticides -see Pesticide; ...4.0738

UPTAKE, DEGRADATION, AND RETENTION OF C14-METHOXYCHLOR IN INVERTEBRATE POPULATIONS ...Animal Productivity; Bioassay; Crustacea; Methoxychlor; Pesticide Action on Animals; ...4.0739

THE UPTAKE OF DIELDRIN IN THE THREE RIDGED NAIAD, AMBLEMA PLICATA ...Aquatic Ecology - Animal; Dieldrin; Mollusca; Ohio River; Pollution Effects -see Water; Water Pollutant Identification; ...4.0808

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Estuaries; Marine Animals; Pesticide Action on Animals; Pesticide Toxicity in Animals; Physical Models; Pollution Effects -see Water; Sevin; ...4.0825

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

CORRELATION OF STRUCTURE VS. ACTIVITY OF POLLUTANTS OF FRESH WATER ...Analysis and Detection; Carbamates -see Pesticides; Fresh Water; Pesticide Action on Animals; Water Pollutant Identification; ...4.0839

EFFECTS OF PESTICIDES ON PROTEIN, CARBOHYDRATE, AND NUCLEIC ACID METABOLISM. INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Bacteria - nonspecific; Cellular Biosynthesis; Microorganism-see Cell. Catab.; Pesticide Action on Animals; Pesticides -nonspecific; Yeasts -nonspecific; ...4.0961

NORTHWEST TREE FRUIT INSECTS ...Acaricides -nonspecific; Arachnida; DDT; Insect Resistance; Pesticide Action on Animals; Pesticide Residues; Radiation Sources -general; ...4.0993

CHEMICAL ANALYSES ...Chemical Analysis (water); Contamination - Water; Estuaries; Metabolism of Algacides; Pesticide in Food Chains; Pollution Effects -see Water; ...4.1015

SCREENING AQUATIC INVERTEBRATES TO DETECT AN ORGANISM SUITABLE FOR USE IN A MONITORING PROGRAM ...Aquatic Ecology - Animal; Bioassays; Fish; Invertebrates -nonspecific; Monitoring Systems; Pesticides -nonspecific; Water Pollutant Identification; ...4.1054

CYCLING AND EFFECTS OF CL36 LABELED DDT ON SOIL INVERTEBRATES IN AN OLD FIELD COMMUNITY ...Chemical Analysis; DDT; Invertebrates -nonspecific; Pesticide in Food Chains; Soil Environment -other; ...4.1085

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Cesium; Environmental Ecology; Plant Ecology -nonspecific; Plant Freshwater Ecology; Productivity of Freshwater; Radioactive Pollution -ns; Ruthenium; ...5.0069

RADIATION EFFECTS ON DIFFERENTIATION AND TISSUE CONTROL ...Bacteria -nonspecific; Cell Injury and Autolysis; Fungi -nonspecific; Invertebrates; Physical Mutagenesis; Radiation Carcinogenesis, Radiation, Low Level; X and Gamma Rays; ...5.0138

RADIATION RESPONSE AND RECOVERY IN SEA URCHIN GAMETES ...Alpha Particles; Cesium; Curium; Echinodermata; Invertebrates; X and Gamma Rays; ...5.0272

ENVIRONMENTAL INTERACTIONS ...Algae -nonspecific; Animal Succession; Dose Rate, Dose Fractionation; Invertebrates; Salinity (water); X and Gamma Rays; ...5.0540

RADIATION-INDUCED MITOTIC DELAY ...Cellular Repair Mechanisms; Echinodermata; Invertebrates; Puromycin; X and Gamma Rays; ...5.0567

A STUDY OF EFFECTS OF RADIATION ON HOST-PARASITE RELATIONSHIPS ...Developmental Physiology; Invertebrates; X and Gamma Rays; ...5.0617

Invertebrates -nonspecific

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Acidity (water); Arkansas; Biological Water Properties; Chemical Water Properties; Energy Conversion; Plankton; Reactor Sites & Rad Waste; Thermal Pollution; ...2.0023

ACCUMULATION OF METALS IN THE AQUATIC FOOD CHAIN IN THE ILLINOIS RIVER ...Analysis and Detection; Aquatic Soils; Bioassays; Illinois River; Plant Food Chains; Water Pollution Effects; ...2.0125

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Biological Effects; Cooperative Studies; Estuaries; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Size; Texture; ...2.0210

THE IMPORTANCE OF THE FOOD CHAIN IN BOTULISM INTOXICATION AMONG WATERFOWL LAKES AND SLOUGHS OF THE DEVILS LAKE REGION IN NORTH DAKOTA ...Animal Productivity; Bacillus Licheniformis; Clostridium Botulinum; Lakes; Pathology; Waterfowl -nonspecific; ...2.0299

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties; Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of; Water Pollution Sources; Water Quality -general; ...2.0400

CONTROL OF PRODUCTIVITY AND POPULATION CHARACTERISTICS IN AQUATIC COMMUNITIES ...Animal Productivity; Core Analysis; Invertebrate Physiology; Lakes; Rehabilitation - streams lakes; Sedimentation; ...2.0426

AQUATIC-BIOTIC COMMUNITY STRUCTURE AS AN INDICATOR OF POLLUTION ...Acidity (water); Benthic Fauna; Pollution Effects -see Water; Species Diversity Measurement; Strip Mines; ...2.0469

APPLIED ECOLOGICAL STUDY OF SPRING CREEK, FORT COLLINS, COLORADO ...Annelida; Species Diversity Measurement; Water Pollution Sources; Watersheds; ...2.0522

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Contamination - Water; Fish; Illinois; Organic Matter; Pollution Effects -see Water; Sediments; ...2.0576

BENTHONIC INVERTEBRATES AS AN INDEX OF WATER QUALITY ...Animal Life History Studies; Bioassays; Environmental Ecology; Water Pollutant Identification; ...2.0643

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plant - Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal; Chemical Water Properties; Estuaries; Georgia; Physical Water Properties; Pulp and Paper Wastes; Turbidity (water); ...2.1537

THE EFFECT OF INORGANIC SEDIMENT ON STREAM BIOTA ...Animal Productivity; Contamination - Water; Pollution Effects - see Water; Sediments; ...2.1554

EFFECTS OF FEEDLOT RUNOFF ON FISH FOOD ORGANISMS IN THE COTTONWOOD RIVER ...Agricultural Runoff; Aquatic Ecology - Animal; Bottom Sampling; Fish and Shellfish; Industrial Wastes; Kansas; Water Pollutant Identification; ...2.1558

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Benthic Fauna; Energy Conversion; Estuaries; Fish & Shellfish Biology; Maine; Physical Water Properties; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1568

THE THERMAL REQUIREMENTS AND TOLERANCE OF KEY ESTUARINE ORGANISMS ...Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Salinity (water); Thermal Pollution; ...2.1576

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabol-

ism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

EFFECTS OF LIMNOLOGICAL FACTORS ON UPTAKE OF 137CS BY FISH ...Acidity (water); Analysis of Variance; Aquatic Ecology - Animal; Chemical Analysis (water); Lakes; Organic Water Properties; Regression Analysis; ...2.1593

EFFECT OF PAPER FIBER WASTES ON FISH EGGS AND JUVENILES ...Contamination - Water; Fish; Industrial Wastes; Physiological Effects; Pulp and Paper Wastes; Sphaerotilus; ...2.1605

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants; Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis, Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Gas Chromatography, Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

RELATIONSHIP OF PESTICIDES IN SOIL, WATER AND PLANTS ...Contamination - Soil; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Microbiology; Water Pollutants - Path of; ...4.0126

PESTICIDES RESEARCH ...Alaska; Chemical Analysis; DDT; Fish; Pesticides -see Pesticide; Water Pollution Effects; ...4.0534

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Aquatic Ecology - Animal; Estuaries; Pesticide Action on Animals; Pesticide Tolerance Rate; Pesticides -nonspecific; Physiological Effects; ...4.0542

SEASONAL CHANGES IN ESTERASE ACTIVITY IN FISH AND INVERTEBRATES. INTERACTIONS BETWEEN PESTICIDES ON FISH ENZYME SYSTEMS ...Biochemical Analysis - Tissues; Fish; Invertebrate Physiology; Lepomis Macrochirus; Pesticide Action on Animals; Pesticides -nonspecific; ...4.0703

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FISH TO SOME COMMONLY USED PESTICIDES ...Centrarchidae; Fish; Laboratory Animals; Pesticides -nonspecific; Pesticides -see Pesticide; Salmonidae; Water Pollution Effects; ...4.0709

EFFECTS OF PARATHION AND MALATHION ON WARM-WATER FISH PONDS ...Aquatic Ecology - Animal; Ictalurus Punctatus; Malathion; Pesticide Action on Animals; Pesticides -see Pesticide; Temperature (water); ...4.0717

POND ECOLOGY AND PRODUCTION AS AFFECTED BY SIMAZINE ...Animal Productivity; Pesticide Action on Animals; Pesticide Aquatic Cycling; Simazine; ...4.0720

TOXICITY OF POLYCHLOROBIPHENYL (PCB) COMPOUNDS TO FRESHWATER INVERTEBRATES ...Bioassay; Circulation (water); Pesticide Toxicity in Animals; Temperature (water); ...4.0735

STATIC BIOASSAY OF PESTICIDES USING FRESHWATER INVERTEBRATES TO OBTAIN PRELIMINARY ACUTE TOXICITY ESTIMATES (ABBREV.) ...Bioassay; Laboratory Animals; Pesticide Tolerance Rate; Pesticides -nonspecific; Temperature (water); ...4.0736

CONTINUOUS-FLOW BIOASSAY OF PESTICIDES TO EVALUATE THE ACUTE AND CHRONIC EFFECTS OF PESTICIDES TO FRESHWATER INVERTEBRATES (ABBREV.) ...Invertebrate Physiology; Laboratory Animals; Pesticide Tolerance Rate; Pesticides -nonspecific; Physiological Effects; ...4.0737

RESPIRATION RATES OF FISH-FOOD INVERTEBRATES EXPOSED TO PESTICIDES ...Carbamates -nonspecific; Contamination - Water; Pesticide Action on Animals; Pesticides -see Pesticide; ...4.0738

MULTIPLE EXPOSURES OF ABATE TO BLUEGILL, LEPOMIS MACROCHIRUS, AND INVERTEBRATES IN WARM-WATER PONDS ...Abate; Contamination - Water; Pesticide Action on Animals; Temperature (water); ...4.0741

SCREENING AQUATIC INVERTEBRATES TO DETECT AN ORGANISM SUITABLE FOR USE IN A MONITORING PROGRAM ...Aquatic Ecology - Animal; Bioassays; Fish; Invertebrate Physiology; Monitoring Systems; Pesticides -nonspecific; Water Pollutan: Identificaton; ...4.1054

CYCLING AND EFFECTS OF CL36 LABELED DDT ON SOIL INVERTEBRATES IN AN OLD FIELD COMMUNITY ...Chemical Analysis; DDT; Pesticide in Food Chains; Soil Environment - other; ...4.1085

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

Iodine

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Nuclear Detonations; Radioactive Fallout; Radiotracers -see Tracers, Snow; Troposphere; ...1.0002

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Contamination - Water; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Seismology; Strontium; ...1.0025

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Chemical Composition; Core Analysis; Energy Conversion; Glaciology; Ion Exchange; Particulates - Air Pollution; Technology - Social Impact; ...1.0073

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE ...Activation Analysis; Atmospheric Dynamics; Bromine; Chlorine; New Zealand; Trace Elements; Urban Research -general; ...1.0137

UTAH ATMOSPHERIC WATER RESOURCES (THE WAS WEATHER MODIFICATION PROJECT) ...Air Pollution Ef Automatic Weather Stations; Data Networks; Particulates - Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Aluminum; Chlorine; Fluorine; Precipitation Gages; Rain; Zinc; ...2.0207

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects -see Water; Water Pollution Sources; Zinc; ...2.0280

CHEMISTRY OF MINERALIZED WATERS ...Arsenic; Bromine; Chlorine; Fluorine; Geology -general; Origin; Water Quality - general; ...2.0311

RADIONUCLIDE CYCLING IN NATURAL POPULATIONS OF AMPHIBIANS ...Amphibians; Aquatic Ecology - Animal; Contamination - Water; Manganese; Water Cycle; Zinc; ...2.0331

RESEARCH TRACE METHODS ...Electroanalyses; Fluorine; Geological Exploration; Mercury; Trace Element Analysis; ...2.0518

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Air Pollution -see Specifics; Atomic Absorption; Chlorine; Electrochemistry; Fluorine; Rain; ...2.0544

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering -geologic; ...2.0566

EFFECTIVENESS OF IODINE FOR DISINFECTION OF PUBLIC WATER SUPPLIES & TO DETERMINE PHYSIOLOGICAL EFFECTS ON A HUMAN POPULATION ...Chemical Treatment (water); Physiological Effects; Residues in Potable Water; Water Pollution -see Specifics; ...2.0984

DESTRUCTION OF INFECTIOUS VIRAL NUCLEIC ACID BY IODINE ...Chemical Treatment (water); Food Contamination; Phenols; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.0930

DEVELOPMENT AND REFINEMENT OF ANALYTICAL METHODS FOR AGRICULTURAL PRODUCTS ...Animal Pharmacology; Chemical Analysis; Lead; Pesticide Residues in Feeds; Pesticide Residues Removal; Pesticides -nonspecific; Vertebrates - nonspecific; ...4.0489

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...DDT; Malathion; Muridae; Pesticide Rates -general ...4.0778

ANALYTICAL METHODS FOR PESTICIDES, TIFTON ...Bayer 25141; Carbamates -nonspecific; Chlorinated Hydrocarbons,

Fluorine; Gramineae -other; Metabolites From Pesticides; Pesticide Residues; ...4.1021

BROMIDE RESIDUES AND THYROID FUNCTION ...Bromine; Laboratory Animals; Methyl Bromide; Muridae; Pesticide Residues in Feeds; Toxicology; ...4.1039

MISCELLANEOUS CHEMICAL INVESTIGATIONS ...Chemical Analysis; Cirsium; Electrochemistry; Insecticides -nonspecific; Pesticide Evaluation; ...4.1067

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Burial; Cooperative Studies; Ecological Effects; Estuaries; Marine Biology - General; Marine Environments; Radioactive Fallout; Water Pollution Sources, ...5.0059

RADIATION PATHWAYS STUDIES ...Environmental Aspects; Hydrogen; Nuclear Detonations; Radiation Injury Prevention; Radioactivity; Recovery - Production; Zinc; ...5.0061

UPTAKE OF RADIACTIVE MATERIALS THROUGH FOOD CHAINS ...Animal Productivity; Cesium; Food Contamination; Strontium; Yttrium; ...5.0066

THE MOVEMENT OF TRITIUM IN SOIL-WATER SYSTEMS ...Hydrogen; Soil Analysis; Soil Moisture; Water Pollution Sources; ...5.0078

ASSESSMENT OF THE HAZARD OF FALLOUT RADIOIODINES ...Fallout -see Radioactive; Radioactive Fallout-cf Fallout; Radioactive Hazard; Radioactive Isotopes; Radiologic Health; ...5.0127

CONTROL OF FISSION PRODUCTS INGESTED BY LIVESTOCK ...Bos; Cesium; Livestock -nonspecific; Strontium; Vertebrates Excl. Man; X and Gamma Rays; ...5.0482

RADIATION LEVELS FROM RADIOISOTOPE THERAPY PATIENTS ...Radiation Injury Prevention; ...5.0817

NEUTRON ACTIVATION ANALYSIS ...Activation Analysis; Dosimetry; Neutron -see Radiation; ...5.0857

IN-VIVO NEUTRON ACTIVATION ...Americum; Calcium; Chlorine; Fast Neutrons; Models (physical) of Anim.&man; Neutron Generator; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Radiation, Whole Body; ...5.0896

STUDIES IN IODINE METABOLISM ...Australia; British Isles; Digestive System - Human; Japan; Radiation Effects - Biological; Radiologic Health; ...5.0920

Ion Exchange

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Chemical Composition; Core Analysis; Energy Conversion; Glaciology; Particulates - Air Pollution; Technology - Social Impact; ...1.0073

SO2 SORPTION BY AND REMOVAL FROM POLYMERIC MATERIALS ...Adsorption; Air Pollution-chemistry; Combustion; Waste Material Recovery; ...1.0628

ATMOSPHERIC CHEMISTRY OF BORON ...Aerosols; Air - Water; Air Pollution-chemistry; Colorimetric Methods; Electrochemistry; Spectrographic Techniques; ...1.0697

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Eutrophic Lakes; Lakes; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

PHYSICAL CHEMISTRY OF RADIOELEMENTS - RADIOMETRIC METHODS OF ANALYSIS ...Activation Analysis, Analysis and Detection; Chemical Extraction; Gamma Spectroscopy; Spectrographic Techniques; Water Pollution Sources; ...2.0515

TRACE ELEMENT ANALYSIS BY DIRECT DETERMINATION ON ION EXCHANGE RESINS ...Analysis and Detection; Salt Water; Water Quality -general; X-ray Spectroscopy; ...2.0554

INTERACTIONS OF MERCURY WITH AQUATIC AND EDAPHIC ENVIRONMENTS ...Analysis and Detection; Environment; Mercury; Photosynthesis; Submerged Plants; ...2.0557

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Chemical Analysis -general; Fluid Mechanics; Isotope Tracer -see Tracers; Mechanism Determination; Reactors; Sand Filters; Utilization; ...2.0888

A NEW TYPE OF DISINFECTANT FOR WATER SUPPLIES ...Bacterial Pollutant Sources; Disinfectants; Water Chemistry; Water Supply -general; ...2.0897

THE REMOVAL OF EXCESS NITRATES AND NITRITES FROM POLLUTED WATER ...Chemical Regeneration; Chemical Treatment (water); Marketing; Mechanism Determination; Polymerization; Water Chemistry; ...2.0898

EFFECTS OF CHEMICAL IONS ON VIRUS INACTIVATION ...Tertiary Treatment; Viral Pollutant Sources; Virus; Waste Water Treatment general; ...2.0900

BASIC SALINOGEN ION EXCHANGE RESINS FOR SELECTIVE NITRATE REMOVAL FROM POTABLE AND EFFLUENT WATER ...Effluents - Waste Water; Potable Water; Waste Treatment; ...2.0911

CARTRIDGE FILTRATION FOR IRON AND MANGANESE REMOVAL ...Coagulation; Demineralization; Filtration; Groundwater; Oxidation; Pollutant Removal; ...2.0939

VIRUS REMOVAL-WATER AND WASTEWATER ...Bacteriophage; Carbon; Chlorination; Flocculation; Viral Pollutant Sources; Virus; Waste Water Treatment -general; ...2.0946

SUPPORT ENGINEERING TESTS/SERVICE TESTS OF MOBILE ION EXCHANGE UNIT BY TECOM ...Testing Facilities; ...2.0951

DISPERSION DURING FLOW IN HETEROGENEOUS POROUS MEDIA ...Data Reduction and Analysis; Fluid Mechanics; Groundwater Movement; Isotope Tracer -see Tracers; Model Studies; Seepage (water); Water Pollutants - Path of; ...2.1014

DETERMINATION OF THE FEASIBILITY OF REMOVAL OF ALGAL NUTRIENTS IN LAKE WATERS BY ION-EXCHANGE ...Acidity (water); Circulation (water); Eutrophication; Massachusetts; Nutrients; Water Chemistry; ...2.1040

FEASIBILITY OF THE USE OF LOCAL SOILS AS ION EXCHANGE MATERIALS FOR DISPOSAL OF LIQUID RADIOACTIVE WASTE INTO THE GROUND ...Burial; Energy Conversion; United Arab Republic; Waste Disposal, Underground; Water Pollution Sources; ...2.1110

WATER AND WASTE WATER PURIFICATION ...Australia; Demineralization; Desalination; Pilot Plant Design; Waste Water Treatment -general; ...2.1161

REDUCTION OF SALT CONTENT OF FOOD PROCESSING LIQUID WASTE EFFLUENT ...Brackish Water; Food Processing Wastes; Waste Material Recovery; Waste Treatment Economics; ...2.1165

INDUSTRIAL COMPLEX OF AL KHARDJ ...Cooling Towers; Demineralization; Flash Evaporation; Waste Management -see Specific; ...2.1230

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Canning Wastes -see Food Proc.; Food Processing Industries; Industrial Wastes; Photometry; Plant Waste Removal, Treatment; Taste & Odor of Water; Waste Treatment Economics; Water Quality Control -general; ...2.1249

WATER TREATMENT PLANT WASTES ...Disposal; Filtration; Waste Properties; Waste Water Treatment -general; Water Chemistry; Water Purification; ...2.1253

SELECTIVE NITRATE AND PHOSPHATE REMOVAL ...Bench Scale; Denitrification -see Nitrogen; Ion Selective Membranes; Waste Treatment; Waste Treatment Economics; ...2.1300

COLOR AND MINERAL REMOVAL FROM KRAFT BLEACH WASTES ...Color (water); Demineralization; Lime Treatment; Pulp and Paper Wastes; Waste Treatment Economics; ...2.1330

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ...Alum Waste Water Treatment; Biochemical Oxygen Demand; Electrodialysis; Flocculation; Sand Filters; Solid Waste; Waste Treatment Economics; ...2.1365

DISSOLVED INORGANIC REMOVAL--SELECTIVE ION AND ORGANIC REMOVAL BY ION EXCHANGE RESINS ...Demineralization; Nutrients; Organics; Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general; ...2.1366

ION EXCHANGE MEMBRANE STUDIES ...Dialysis; Ion Selective Membranes; Plate & Frame Membranes; Process Design; Tubular Membranes; Waste Management -see Specific; Waste Treatment Economics; ...2.1415

REMOVAL OF NITROGENOUS COMPOUNDS FROM A FERTILIZER PLANT EFFLUENT USING A MODIFIED OPERATION OF CONVENTIONAL WASTE TREATMENT SYSTEMS ...Aeration (water); Denitrification -see Nitrogen; Precipitation; Trickling Filters; ...2.1417

RECOVERY OF AMINO ACIDS FROM POTATO STARCH FACTORY SECONDARY WASTES ...Biochemical Oxygen Demand, Chemical Oxygen Demand; Process Development; Product Development Research; Solanum; Water Quality Control -general; ...3.0041

SORPTION ISOTHERMS OF PHENOL ON ION EXCHANGE RESINS ...Adsorption; Waste Management -see Specific; ...3.0119

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Color; Disinfection; Farm Animal Wastes; Sanitation; Taste & Odor of Water; Waste Water Treatment -general; ...3.0168

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Adsorption Capacity; Cesium; Composition Controls; Diffraction; Mineralogy; Soil Chemical Properties; Soil Chemistry; X-ray Spectroscopy; ...5.0025

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR PROCESS CONTROL AND POLLUTION ABATEMENT ...Coatings -see Materials; Isotope Tracer -see Tracers; Plating Wastes; Radioactive Isotopes; Reactors; Zinc; ...5.0804

ULTRA LOW LEVEL RADIONUCLIDE ANALYSIS ...Analysis and Detection; Chemical Analysis (water); Detectors and Sensors; Gamma Spectroscopy; Organic Matter; Trace Elements; ...5.0919

Ionization Chambers

HIGH ALTITUDE RADIATION INSTRUMENT SYSTEM ...Aerospace Studies; Aircraft Remote Sensing; Environmental Hazards; Radiation Detectors; Spectrographic Techniques; ...5.0786

DOSIMETRY ...Americium; Fast Neutrons; Ionizing Radiation -see Rad.; Muridae; Plutonium; Radiation Penetration; X and Gamma Rays; ...5.0830

SPECIAL PROBLEMS IN NUCLEAR INSTRUMENTATION AND MEASUREMENT OF W IN GASES ...Alpha Particles; Chemical Mechanisms & Kinetics; Kinetic Isotope Effects; Plastics; Radiological Instruments; ...5.0838

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Aerosols; Balloons; Electrical Phenomena; Gamma Radiation; Mineral Processing Industry; Radiation -terrestrial; Radioactivity; Uranium; ...5.0879

HEALTH PHYSICS ...Alpha Particles; Dosimetry; Ionizing Radiation -see Rad.; ...5.0893

Ionizing Radiation -see Rad.

STUDIES OF AIRBORNE PARTICULATES OF SUBMICRON SIZE ...Aerosols; Gases; Model Studies; Particulates - Air Pollution; Radiologic Health; ...1.0899

ATOMIC AND NUCLEAR RESEARCH WITH ACCELERATORS ...Attenuation; Fission Products-see Radioact.; Nuclear Structure; Residues in Foods; ...4.0320

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Environmental Hazards; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

RADIATION INJURY ASSOCIATED WITH HIGH ALTITUDE FLIGHTS AND SPACE OPERATIONS ...Altitude; Beta Particles; Injury and Shock; Mammals -nonspecific; Protons; Radiation Effects - Biological; Radiologic Health; X and Gamma Rays; ...5.0079

RADIATION STUDIES ON CELL POPULATIONS ...Cancer; Cell Injury and Autolysis; Radiation; Radiation Injury Prevention; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0107

RADIOLOGICAL PHYSICS ...Dosimetry; Mathematical Models; Mercury; Protons; Radiation Effects - Biological; ...5.0113

STUDY OF RADIONUCLIDE EFFECTS ON PLANT GROWTH - WITH SPECIAL REGARD TO PLANT DAMAGE CAUSED BY IONIZING RADIATION ...Beta Particles; Dosimetry; Lactuca; Plants; Radioactive Isotopes; Triticum; Yttrium; ...5.0118

MAMMALIAN STUDIES WITH ACCELERATORS - RELATIONSHIP OF CELLULAR CONTROL MECHANISMS TO CARCINOGENIC EFFECT OF ACCELERATED IONS ...Cellular Metabolism - Controls; Muridae; Radiation Carcinogenesis; Radiation, Whole Body; ...5.0123

PULSE RADIOLYSIS STUDIES ...Kinetics; Radiation; Radiation Chemistry -biophys.; Radiation Injury Prevention; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0176

ULTRA-HIGH DOSE RATE RADIOBIOLOGY ...Animal Productivity; Hydrogen; Muridae; Pollution Effects -see Water; Radioactive Pollution -ns; Radioecology - Plants; ...5.0181

RADIATION EFFECTS IN DIELECTRICS ...Electrical, Electronic Mtl.; Films; Irradiation; Plastics; ...5.0238

AFRRI RADIATION CHEMISTRY PROGRAM ...Cell Injury and Autolysis; Chemical Mechanisms & Kinetics; Radiation Chemistry -biophys.; Radiation Injury Prevention; ...5.0242

THE ACTIONS OF RADIATIONS ON SOME BIOLOGICAL MODEL SYSTEMS ...Chemical Mechanisms & Kinetics; Mechanism Determination; Pulse Radiolysis; Radiation Chemistry -biophys.; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0327

PARENTAL RADIATION EXPOSURE AND DOWN'S SYNDROME, WITH PARTICULAR ATTENTION TO IONIZING RADIATION AND RADAR (21) ...Human Developmental Biology; Interaction With Matter; Microwave and Radiofrequency; Radiation Effects - Biological; ...5.0349

EFFECT OF RADIATION ENERGY ON THE ESSENTIAL AROMATIC AMINO ACIDS ...Oxidation; Photochemical Reactions; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0393

INFLUENCE OF HIGH LET RADIATIONS ON DIVISION DELAY AND SURVIVAL OF MAMMALIAN CELLS IN VITRO ...Cancer; Cellular Repair Mechanisms; Cobalt; Ionic Effect; Neutron -see Radiation; Vertebrates Excl. Man; X and Gamma Rays; ...5.0461

THEORETICAL INVESTIGATION OF ELECTRON LET SPECTRA AND DOSE RELATIONSHIP FOR IONIZING RADIATIONS ...Beta Particles; Dosimetry; Metabolism and Biochemistry; Permeability; Radiation Chemistry -biophys.; Spectrographic Techniques; ...5.0492

RADIATION CYTOGENETICS OF HIGHER PLANTS ...Arabidopsis; Growth; Neutron -see Radiation; Protons; Somatic Mutation; Zea Mays - Field Corn; ...5.0534

ENVIRONMENTAL BIOLOGY - EFFECTS OF IONIZING RADIATION ON TERRESTRIAL ECOSYSTEMS ...Eastern U.S.; Plant Population Dynamics -gen; Plant Succession; Radiation Resistance; ...5.0539

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

INVESTIGATIONS OF THE BIOLOGICAL EFFECTS OF RADIATION - A MULTI-DISCIPLINE APPROACH ...Dosimetry; Environmental Hazards; Radiation Effects - Biological; Radioactivity; Ultra Violet Radiation; X and Gamma Rays; ...5.0561

RESPONSES OF PLANTS AND PLANT COMMUNITIES TO IONIZING RADIATION ...Acer Species; Carbohydrates; Festuca; Magnoliaceae; Radiation Sources -general; Radioactive Hazard; Translocation; ...5.0652

EARLY EFFECTS OF 14 MEV NEUTRON IRRADIATION IN SWINE ...Cell Injury and Autolysis; Injury and Shock; Neutron -see Radiation; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0660

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Bacteria -nonspecific; Cell Injury and Autolysis; Gases; Microorganisms; Plants; Radiation; Temperature; X and Gamma Rays; ...5.0677

RADIATION RESPONSE OF IN VITRO MAMMALIAN CELLS ...Cancer; Cellular Model Systems; Cellular Viability; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0693

PULSE RADIOLYSIS OF NUCLEIC ACID DERIVATIVES ...Chemical Mechanisms & Kinetics; Detectors and Sensors; Mechanism Determination; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiolysis; ...5.0714

RADIATION PHYSICS ...Beta Particles; Light-catalyzed; Nuclear Radiation; Protons; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiolysis; ...5.0739

COLUMBIA RIVER STUDIES, 1970-1971 ...Atomic Plants; Columbia River; Energy Conversion; Ostreidae (oyster); Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...5.0762

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Microorganisms; Protons; Radiation -see Specifics; Radioactive Isotopes; X and Gamma Rays; Yeasts -nonspecific; ...5.0778

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Cellular Viability; Protons; Radiation -see Specifics; Radiation Sensitivity -man; Radioactive Isotopes; X and Gamma Rays; ...5.0776

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Dosimetry; Protons, Radiation -see Specifics; Radiation Effects - Biological; Radiation Penetration; X and Gamma Rays; ...5.0777

HIGH ALTITUDE RADIATION INSTRUMENT SYSTEM ...Aerospace Studies; Aircraft Remote Sensing; Environmental Hazards; Ionization Chambers; Radiation Detectors; Spectrographic Techniques; ...5.0786

SOLID STATE RADIATION DOSIMETRY ...Dosimeters -see Dosimetry, Dosimetry, Electro-optics; Lasers and Masers; Solid State Engineering; Thermoluminescent Detectors; ...5.0824

DOSIMETRY ...Americum; Fast Neutrons; Muridae; Plutonium; Radiation Penetration; X and Gamma Rays; ...5.0830

PRACTICAL HIGH SENSITIVITY THERMOLUMINESCENT DOSIMETRY ...Dosimeters -see Dosimetry, Dosimetry, Physics; Scintillation, Twinkle; X and Gamma Rays; ...5.0831

ENERGY LOSS AND RANGES OF HEAVY IONS IN SOLIDS ...Heavy Nuclei; Radiation Penetration; ...5.0848

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Commelinaceae; Dosimetry; Muridae; Plasmas; Radiation; Radiation Sources -general; X and Gamma Rays; ...5.0870

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate, Dose Fractionation, Dosimetry; Fluorine; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies -general; Water Pollution Sources; ...5.0881

CHEMICAL DOSIMETRY ...Detectors and Sensors, Instrumentation; Microwave and Radiofrequency; Polymerization; Radiolysis; ...5.0884

THE MEASUREMENT OF BIOLOGICAL DAMAGE AND ITS RELATIONSHIP TO 'IN-TISSUE' ENERGY ABSORPTION ...Dosimetry; Fast Neutrons; Iron; Muridae; Radiation Penetration; X and Gamma Rays; ...5.0888

RADIOLOGICAL PHYSICS ...Alpha Particles; Cell Injury and Autolysis, Cellular Viability; Dosimetry; Minimum Or Threshold Dose; Radiation, Spectrographic Techniques; ...5.0892

HEALTH PHYSICS ...Alpha Particles; Dosimetry; Ionization Chambers; ...5.0893

NAVY ENVIRONMENT - MEASUREMENT OF TISSUE DAMAGE IN NAVY PERSONNEL EXPOSED TO IONIZING RADIATION IN THE LINE OF DUTY ...Cell Injury and Autolysis; Occupational Hazards; Radioactive Hazard; X and Gamma Rays; ...5.0913

RADIATION DOSIMETRY RESEARCH ...Alpha Particles; Detectors and Sensors, Fast Neutrons; Human Developmental Biology; Models (physical) of Animal &man; Radiation Carcinogenesis; Radiologic Health; X and Gamma Rays; ...5.0924

HEALTH PHYSICS RESEARCH REACTOR AND MONOENERGETIC RADIATIONS FACILITY ...Dosimetry; Radiation Injury Prevention; Radioactive Hazard; Spectrographic Techniques; Van De Graaff Accelerator; X and Gamma Rays; ...5.0925

RADIATION SAFETY COMMITTEE (U-109) ...Fast Neutrons; Neutron -see Radiation; Radiation Injury Prevention; Radioactive Hazard; Radioisotopes -nonspecific; Radiologic Health; X and Gamma Rays; ...5.0950

Iowa

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Acid Mine Drainage; Aquatic Plants - nonspecific; Biological Effects; Lakes; Oklahoma; Population Dynamics -general; Strip Mines; ...2.0024

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Analysis (water); Environmental Influences; Eutrophication; Nutrients; Water Pollutant Identification; Water Standards & Baselines; ...2.0143

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Water Properties; Eutrophic Lakes, Eutrophication; Oxygen Content (water); Water Pollutants - Path of, Water Quality Control -general; ...2.0144

STUDY OF SEDIMENT POLLUTION AND MOVEMLNT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Disturbance; Erosion; Location; Methods, Sediment Yield, Sediments; Soil Chemical Properties; ...2.0145

LIMNOLOGICAL FACTORS AFFECTING PESTICIDE RESIDUES IN SURFACE WATERS ...Agricultural Runoff; Chemical Water Properties; Eutrophication; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reservoirs and Impoundments; ...2.0150

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

PREIMPOUNDMENT STUDY OF WATER QUALITY, SAYLORVILLE RESERVOIR DES MOINES RIVER, IOWA ...Data Networks; Recreation, Water Resources; Types of Resources; Water Properties -general; Water Standards & Baselines; ...2.0585

DEMONSTRATING THE ELECTROLYSIS BOD MEASURING METHOD ...Biochemical Oxygen Demand; Electrochemistry; Process Design; ...2.0588

WATER SUPPLIES ...Chemical Water Properties; Chlorination; Disinfectants, Filtration; Turbidity (water); Water Quality - general; Water Utilization -domestic; ...2.0895

EFFECTS OF LIMNOLOGICAL FACTORS ON WATER TREATMENT ...Chemical Water Properties; Public Utilities; Reservoirs and Impoundments, Water Chemistry; Water Quality -general; ...2.1018

AMES DESIGN PARAMETERS ...Government -see Federal Gov.; Sand Filters; Waste Treatment; Waste Treatment Economics; Waste Water Treatment -general; Water Resources Planning; ...2.1269

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth, Water Levels; ...2.1272

DETERMINE THE EFFECT OF ORGANIC WATER POLLUTION AS IT EXISTS IN THE AREA OF DES MOINES, IOWA, ON GROWTH OF THE TURTLE CHRYSEMYS PICTA ...Contamination - Water; Environmental Ecology; Environmental Physiology; Organic Water Properties; Reptiles; ...2.1555

Iron and Steel Industry

LAKE ERIE DIKE ...Dams -general, Harbors; Model Studies; Physical Models; Sediments; Waste Type; Waves -see Ocean Waves; ...2.1051

COMBINED STEEL MILL AND MUNICIPAL WASTEWATERS TREATMENT ...Industrial Wastes; Ohio River; Rainfall - Runoff Relationship; Sewage - Domestic; Sewage Treatment Plant; Water Pollution Sources; Water Standards & Baselines; ...2.1454

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fish; Industrial Wastes; Marine Animals; Mineralogical Water Properties; Physiological Effects; Zooplankton; ...2.1640

Irrigation

EFFECTS OF FLUORIDES IN AIR, WATER, AND SOIL ON GROWTH, QUALITY, AND YIELDS OF TREE, FIELD, AND VEGETABLE CROPS ...Air - Water - Plant Relations; Aluminum; Fluorine; Gases; Mineral Nutrition; Soil Water Plant Relationships; Zinc; ...1.0319

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure -other; Water Reuse; ...2.0031

EFFECT OF COPPER SULFATE ON AQUATIC WEEDS ...Alkalinity (water); Canals; Copper Sulfate; Pesticid. Application Rates; Pesticide Formulation; Temperature (water); Water Pollution Sources; ...2.0060

PREDICTION OF MINERAL QUALITY OF RETURN FLOW WATER FROM IRRIGATED LAND ...Computer Models; Ef-

fluents - Waste Water; Percolation (water); Soil Chemical Properties; Water Storage; ...2.0067

FIELD INVESTIGATION OF THE SUBMERSED AQUATIC ENVIRONMENT ...Algae - Chlorophyta; Aquatic Ecology - Animal; Canals; Physical Water Properties; Soil Chemical Properties; ...2.0072

IRRIGATION RETURN FLOW - NUTRIENT BALANCE ...Agricultural Runoff; Idaho; Nutrients; Pesticides -nonspecific; Salinity (water); Water Pollutants - Path of; ...2.0076

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality -general; Water Table - Depth of; ...2.0096

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Biological Water Properties; Chemical Water Properties; Chlorine; Drainage; Fertilizers; Mineralogical Water Properties; Soil Chemical Properties; Temperature (water); Water Quality -general; ...2.0120

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AS AFFECTED BY IRRIGATION ...Aquifers; Chemical Analysis (water); Fertilizers; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.0121

SALT POLLUTION OF GROUNDWATER ...Artificial Recharge; Fluid Mechanics; Fresh Water; Groundwater Movement; Management (water); Saline Water Intrusion; ...2.0225

SOIL AND WATER MANAGEMENT FOR SALINITY CONTROL - PHASE II ...Groundwater; Leaching; New Mexico; Pesticides - nonspecific; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; Water Pollutants - Path of; ...2.0253

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

USE OF REACTOR COOLING WATER FROM NUCLEAR POWER PLANTS FOR IRRIGATION OF AGRICULTURAL CROPS ...Atomic Plants; Energy Conversion; High Temp. - 85f Or Above; Photosynthesis; Respiration; Soil Moisture; Thermal Pollution; ...2.0318

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research -general; ...2.0329

EFFECTS OF FURROW, SPRINKLER AND SUBIRRIGATION METHODS ON POTENTIAL POLLUTION OF GROUNDWATER BY NITRATES AND OTHER SOLUTES ...Economic Feasibility; Furrow Irrigation; Nitrification; Soil Moisture; Subsurface Irrigation; Water Pollutants - Path of; ...2.0381

MINIMIZING SOIL AND WATER POLLUTION FROM FERTILIZERS AND IRRIGATION WATERS--RIO GRANDE PLAIN ...Denitrification; Effluents - Waste Water; Groundwater; Rio Grande River; Soil Analysis; Soil Profile; ...2.0391

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties; Contamination - Water; Industrial Wastes; Physical Water Properties; Utah; Water Pollutants - Path of; Water Pollution Sources; Water Quality -general; ...2.0400

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Depth (water); Fish; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

WATER QUALITY ASSESSMENT AND POLLUTION CONTROL ...Biological Water Properties; Data Networks; Groundwater; Physical Water Properties; Sewage; Water Pollution Abatement; ...2.0510

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp. -nonspecific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering - geologic; ...2.0566

DISPOSAL OF PAPER MILL EFFLUENT THROUGH IRRIGATION OF BOTTOMLAND HARDWOOD UNDER LOUISIANA CONDITIONS ...Disposal Wastes; Forest Environment -general; Industrial Wastes; Louisiana; Pulp and Paper Wastes; Waste Disposal on Soils; Water Quality Control -general; ...2.0600

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Agricultural Runoff; Atrazine; Fertilizers; Leaching; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Tillage, Cropping Systems; ...2.0725

REHABILITATION OF A BRINE-POLLUTED AQUIFER ...Agricultural Studies -general; Aquifers; Arkansas; Brines; Fluid Properties; Water Pollution Abatement; Water Utilization - domestic; ...2.0962

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides -nonspecific; Biological; Coatings -see Materials; Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Pesticide Evaluation; Plastics; Water Distribution Systems; ...2.0977

RIVER BASINS - SOUTH FORK DAM ...Agricultural Studies - general; Dams -general; Model Studies; Platte River; River Basins; ...2.0978

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Irrigation Engineering; Recharge Pits - Wells (water); Soil Profile; ...2.1026

WATER MEASUREMENT AND APPLICATION DEVICES ...Irrigation Engineering; Model Studies; Physical Models; Sediments; Water Application Methods; Water Transfer; ...2.1113

TECHNICAL, ECONOMIC & LEGAL ASPECTS IN THE EXCHANGE OF SEWAGE EFFLUENT FOR IRRIGATION WATER FOR MUNICIPAL USE (TUCSON) ...Agricultural Studies -general; Arizona; Legal Studies; Sewage; Water Purification; Water Utilization -domestic; ...2.1155

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff; Arizona; Impaired Water Use; Parks; Runoff (water); Turf; Waste Disposal on Soils; ...2.1156

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Graminese -other; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

ECOLOGICAL AND PHYSIOLOGICAL IMPLICATIONS OF GREENBELT IRRIGATION ...California; Fire Prevention; Groundwater; Plant Ecology -nonspecific; Sewage; Waste Disposal on Soils; ...2.1189

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Delaware; Food Processing Industries; Plant Waste Removal, Treatment; Rain; Vegetables; Water Costs; ...2.1214

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated; Artificial Recharge; Chemical Water Properties; Hawaii; Land Use; Primary Treatment; Storm Water; Urban Runoff; Water Standards & Baselines; ...2.1239

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Effluent-standards; Forest Management; Idaho; Sediment Thickness; Water Costs; Water Reuse; ...2.1241

THE CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF IRRIGATION RETURN FLOWS ...Groundwater; Water Pollution Effects; Water Reuse; ...2.1382

EFFECTS OF IRRIGATION OF MUNICIPAL SEWAGE EFFLUENT ON SPOILS BANKS ...Effluents - Waste Water; Mine Wastes; Sewage; Spoil Banks; Strip Mines; Waste Disposal on Soils; Water Pollution Abatement; ...2.1404

INVESTIGATION OF RICE IRRIGATION RETURN FLOWS - TEXAS COASTAL PRAIRIE REGION ...Agricultural Runoff; Fertilizers, Pesticides -nonspecific; Soil Fertility; Water Quality - general; ...2.1421

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

PROCESSING PLANT EFFLUENTS FOR IRRIGATION IN COASTAL PLAINS OF NORTHEAST ...Biological Effects; Effluents - Waste Water; Food Processing Wastes; Industrial Wastes; Lye; Plant Waste Removal, Treatment, Soil Chemical Properties; Water Reuse; ...2.1443

LARGE IMPOUNDMENTS - PUEBLO RESERVOIR, ...Arid and Desert Regions; Multiple Purpose Reservoirs; Rocky Mountain System; Water Properties -general; Water Quality -general; Water Supply -general; Water Utilization -industrial; ...2.1507

STANDARDS AND CRITERIA - EFFECT OF TURBIDITY ...Chemical Properties; Sediments; Soil Tillage; Turbidity (water); Water Utilization -general; ...2.1510

IRRIGATION OF CITRUS WITH WASTE WATER ...Absorption (incl. Adsorption); Citrus; Food Processing Industries; Industrial Wastes; Sewage; Water Application Methods; ...2.1526

EFFECTS OF CHEMICALLY AND BIOLOGICALLY MODIFIED PULPING EFFLUENTS ON THE PRODUCTION OF FISH ...Animal Productivity; Effluents - Waste Water; Fish and Shellfish; Pollution Effects -see Water; Tides; Water Purification; ...2.1676

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Desalination; Electrodialysis, Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1804

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation, Eastern U. S.; Government - see Federal Gov.; Indiana; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth; Water Levels; Water Quality Control -general; Water Rights; ...2.1813

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Industrial Wastes; Legal Studies; Sanitary Landfills; State Government; Water Quality -general; Water Rights; Water Utilization - domestic; ...2.1862

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Recreation; Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization -domestic; ...2.1881

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory, Flood Control Planning; Mathematical Models; Recreation, Water Resources; Transportation; Water Control Works - general; Water Resources Protection; ...2.1928

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Flume Studies; Planting Methods; Rock - Soil Pollution; Soil Chemical Properties; Soil Profile; Waste Disposal on Soils; ...3.0008

IMPROVEMENT OF CEREAL GRAINS UNDER IRRIGATION ...Avena Sativa; Heat Resistance; Moisture Deficiency; Soils; Triticum; Waste Disposal on Soils; ...3.0047

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Agricultural Runoff; Farm Animal Wastes; Taste & Odor of Water; Waste Treatment Economics; Water Pollution Sources; ...3.0060

LIVESTOCK WASTE TREATMENT AND DISPOSAL ...Aeration (water); Anaerobic Wastewater Treatment; Antibiotics -nonspecific; Feces; Noise -see Noise; Sewage Lagoons; Waste Disposal on Soils; ...3.0141

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Clay Soils; Farm Animal Wastes; Livestock -nonspecific; Poultry -nonspecific; Silty Soils; Soil Types -also See Specifics; Waste Disposal on Soils; Zea Mays - Field Corn; ...3.0147

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Bos; Rainfall - Runoff Relationship; Soil Fertility; Water Wells; ...3.0148

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0298

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal Forest Pathology; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds, Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

FARM WASTE DISPOSAL ...Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Farm Animal Wastes; Model Studies; Physical Models; Sewage Lagoons; Tennessee; ...3.0316

HERBICIDE RESIDUES ...Acrolein; Contamination - Soil; D, 2,4-; Fixed Copper; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Xylene; ...4.0018

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules, Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

EQUIPMENT AND PROCEDURES FOR CONTROL OF WEEDS AND BRUSH ...D, 2,4-; Granules, Capsules; Pesticide Application Equip.; Pesticide Interaction With Env; Physical Control; Zea Mays - Field Corn; ...4.0050

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Fish; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Zea Mays - Field Corn; ...4.0074

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Dmso; Liquids Or Sprays; Pesticide Degradation - see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween 80 -see Surfactants; ...4.0189

THE INFLUENCE OF CULTURAL PRACTICE COMBINATIONS ON THE YIELD AND QUALITY OF COTTON ...Carbamates - nonspecific; Insecticides -nonspecific; Pesticide Action on Plants; Petroleum Cpds -nonspecific; Soil Fertility; ...4.0214

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Seniane; Fungal Physiology; Granules, Capsules; Pesticide Phytotoxicity; Plant Population Dynamics -see Thinning; Western U. S.; ...4.0243

PRODUCTION AND QUALITY OF APPLES IN HIGH DENSITY PLANTINGS USING DWARFING ROOTSTOCKS ...B9; Fruit, Nut, and Berry Crops; Pathological Physiology; Pesticide Phytotoxicity; Phytophthora; Pyrus Malus; ...4.0250

CULTURE AND PHYSIOLOGY OF FLUE-CURED TOBACCO ...Air Pollution-chemistry; Growth Substances; Nicotiana; Pesticide Action on Plants; Pesticides -other; Tillage, Cropping Systems; ...4.0295

IMPROVEMENT OF OIL SEED CROPS THROUGH THE DEVELOPMENT OF SUPERIOR VARIETIES AND CULTURAL METHODS ...Alternaria; Fungal Resistance; Helianthus; Linaceae; Pesticide Application Rates, Planting Methods; ...4.0394

GRAIN SORGHUM VARIETAL EXPERIMENTS ...Disease Resistance; Drought Resistance; Insecticides -nonspecific; Pesticide Phytotoxicity; Sorghum; Wildlife -nonspecific; ...4.0446

SWEET SORGHUM VARIETAL EXPERIMENTS ...Arid and Desert Regions; Bos; Insecticides -nonspecific; Pesticide Phytotoxicity; Sorghum; Space Competition; Temperature - Air; ...4.0447

FACTORS INFLUENCING THE EFFECTIVENESS OF HERBICIDES ...Agricultural Runoff; Betulaceae; Diuron; Pesticide Evaluation; Plant Growth Regulators -nos.; Soil Types -also See Specifics; ...4.0453

SUGAR BEETS FOR PENNSYLVANIA ...Chenopodiaceae; Pesticide Residues; Soil Depth; Soil Fertility; ...4.0462

EVALUATION OF HERBICIDES AND THEIR INFLUENCE ON THE PHYSIOLOGY OF VEGETABLE CROPS ...Absorption (incl. Adsorption); Cruciferae; Pesticide Application Rates; Pesticide Phytotoxicity; Respiration; Triazines; ...4.0473

EFFECT OF MOSQUITO CONTROL CHEMICAL ON AQUATIC FAUNA ...Abate; Biological Effects; Oryzeae; Pesticide Evaluation; Pesticides -see Pesticide; ...4.0539

AERIAL DISPERSAL METHODS FOR CONCENTRATED INSECTICIDES ...Concentrates; Insects - Beneficial; Liquids Or Sprays; Oryzeae; Pesticide Evaluation; Wildlife Toxicity; ...4.0554

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...Bidrin; DDT; Economics of Chemical Control; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; Strobane; Toxaphene; ...4.0865

RESIDUES OF SELECTED PESTICIDES ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Mammals -nonspecific; Pesticide Drift; Pesticide Residues; Pesticide Volatility; ...4.0924

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

NUTRIENT COMPOSITION OF PEANUTS GROWN ON LINDANE TREATED SOIL ...Arachis; Lindane; Pesticide Evaluation; Residues in Foods; ...4.1121

Aerial Irrigation -general

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Artificial Recharge; Flood Irrigation; Groundwater; Potable Water; Recreation; Water Resources; Septic Tanks; Sewage - Domestic; Water Wells; ...3.0883

Flood Irrigation

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Groundwater; Potable Water; Recreation; Water Resources; Septic Tanks; Sewage - Domestic; Water Wells; ...3.0883

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Climates -general; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Residues; Sandy Soils -see Soil Type; Sprinkler Irrigation; Urea Cpds. -nonspecific; ...4.0484

Furrow Irrigation

EFFECTS OF FURROW, SPRINKLER AND SUBIRRIGATION METHODS ON POTENTIAL POLLUTION OF GROUNDWATER BY NITRATES AND OTHER SOLUTES ...Economic Feasibility; Irrigation; Nitrification; Soil Moisture; Subsurface Irrigation; Water Pollutants - Path of; ...2.0381

FORAGE CROP IRRIGATION WITH OXIDATION POND EFFLUENT ...Agricultural Runoff; Coliforms -nonspecific; Mississippi; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sorghum; Storm Water; Water Table; ...2.1316

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Fish; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Zea Mays - Field Corn; ...4.0074

Sprinkler Irrigation

EFFECTS OF FURROW, SPRINKLER AND SUBIRRIGATION METHODS ON POTENTIAL POLLUTION OF GROUNDWATER BY NITRATES AND OTHER SOLUTES ...Economic Feasibility; Furrow Irrigation; Irrigation; Nitrification; Soil Moisture; Subsurface Irrigation; Water Pollutants - Path of; ...2.0381

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Trace Element Analysis; Water Pollutant Identification; Water Quality - general; ...2.0395

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp. - nonspecific; Tension and Measurement; Water Application Methods; ...4.0562

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Chemical Analysis -general; Farm Animal Wastes; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Moisture; Soil Organic Content; Water Table; ...2.0994

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Freezing & Below; Low Temp. - But Above 32f; Pinus -nonspecific; Radioisotopes; Soil Moisture; Transpiration and Evap; ...2.1001

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Effluents - Waste Water; Feces; Lagoon; Soil Chemical Properties; Soil Filters; Soil Structure -other; Waste Disposal on Soils; ...2.1017

DISPOSAL OF SLUDGE FROM ACID MINE DRAINAGE TREATMENT PLANTS ...Acid Mine Wastes; Aeration (water); Agricultural Runoff; Infiltration; Neutralization; Waste Disposal -see Solid Waste; ...2.1090

SHALLOW GROUND-WATER FLOW SYSTEMS IN RELATION TO INDUSTRIAL AND MUNICIPAL WATER SUPPLY AND WASTE DISPOSAL REQUIREMENTS ...Canning Wastes -see Food Proc.; Farm Animal Wastes; Groundwater Movement; Pond; Pulp and Paper Waste; Soil Tillage; Urban Research -general; ...2.1138

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Food Processing Industries; Gallus Domesticus; Infiltration; Nitrogen and Nitrogen Cpds.; Percolation (water); Phosphorus and Phosphorus Cpds; Soil Moisture; Water Quality -general; ...2.1287

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Groundwater; Mineralogical Water Properties; Water Application Methods; Water Quality Control -general; ...2.1418

PROCESSING PLANT EFFLUENTS FOR IRRIGATION IN COASTAL PLAINS OF NORTHEAST ...Biological Effects; Effluents - Waste Water; Food Processing Wastes; Industrial Wastes; Irrigation; Lye; Plant Waste Removal, Treatment; Soil Chemical Properties; Water Reuse; ...2.1443

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation; Water Resources; Types; Water Quality Control - general; ...2.1868

SPRAY SYSTEM FOR DAILY REMOVAL OF LIQUID COW MANURE ...Agricultural Studies -general; Farm Animal Wastes; Microorganisms -nonspecific; Waste Disposal on Soils; ...3.0099

DEMONSTRATION AND DEVELOPMENT OF FACILITIES FOR THE TREATMENT AND ULTIMATE DISPOSAL OF CATTLE FEEDLOT WASTES ...Agricultural Runoff; Animal Wastes - Feed Lots; Rainfall - Runoff Relationship; Sewage Lagoons; Waste Disposal on Soils; ...3.0149

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Animal Wastes - Feed Lots; Chlorine; Farm Animal Wastes; Lysimeters; Percolation (water); Water Application Methods; ...3.0166

ANIMAL WASTE MANAGEMENT STUDY ...Environmental Effects - Human; Farm Animal Wastes; Sanitation; Waste Disposal on Soils; Waste Water Treatment -general; ...3.0191

FEED AND WASTE HANDLING IN THE DAIRY OPERATION ...Animal Wastes - Feed Lots; Linings - Pavings; Waste Disposal on Soils; Water Movement -general; ...3.0295

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Waste Water Treatment -general; Water Reuse; ...3.0298

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Costs -see Economics Entries; Food Processing Industries; Industrial Wastes, Plant Waste Removal, Treatment; South Carolina; Waste Disposal on Soils; Waste Water Treatment -general; ...3.0311

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; ...4.0014

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Fish; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Zea Mays - Field Corn; ...4.0074

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Climates -general; Flood Irrigation; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Residues; Sandy Soils -see Soil Type; Urea Cpds. -nonspecific; ...4.0484

Subsurface Irrigation

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

EFFECTS OF FURROW, SPRINKLER AND SUBIRRIGATION METHODS ON POTENTIAL POLLUTION OF GROUND-

WATER BY NITRATES AND OTHER SOLUTES ...Economic Feasibility; Furrow Irrigation; Irrigation; Nitrification; Soil Moisture; Water Pollutants - Path of; ...2.0301

HEAT AND MOISTURE CONDUCTION IN UNSATURATED SOILS ...Atomic Plants; Energy Conversion; Mathematical Models; Saturated - Unsaturated Soils; Soil Thermal Properties; Thermal Pollution; ...2.1160

Irrigation Engineering

DISPOSAL OF PAPER MILL EFFLUENT THROUGH IRRIGATION OF BOTTOMLAND HARDWOOD UNDER LOUISIANA CONDITIONS ...Disposal Wastes; Forest Environment -general; Industrial Wastes; Irrigation; Louisiana; Pulp and Paper Wastes; Waste Disposal on Soils; Water Quality Control -general; ...2.0609

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Recharge Pits - Wells (water); Soil Profile; ...2.1026

WATER MEASUREMENT AND APPLICATION DEVICES ...Irrigation; Model Studies; Physical Models; Sediments; Water Application Methods; Water Transfer; ...2.1113

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation, Water Resources; Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

DEVELOPMENT OF EQUIPMENT AND TECHNIQUES FOR CROP RESIDUES ...Gossypium; Loam -see Soil Types; Plant Residues, Humus, Compost; Population Dynamics -general; Soil Moisture; Soil Tillage; Waste Disposal on Soils; ...3.0201

Isotope Tracer -see Tracers

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0018

STUDY TO DETERMINE THE FATE OF CO IN THE ATMOSPHERE ...Air Pollution Sampling; Air Pollution-chemistry; Gases; ...1.0048

SULFUR DIOXIDE OXIDATION ...Air Pollution-chemistry; Catalytic; Gases; Mechanism Determination; Rate of Reaction; ...1.0088

ATMOSPHERIC FLUIDS PROVENANCE USING STABLE ISOTOPES ...Air Pollution; Air Pollution-chemistry; Chemical Composition; Nitrogen and Nitrogen Cpds.; ...1.0153

TRACER STUDIES IN AIR POLLUTION - SULFUR DIOXIDE ...Aerosols; Catalysis, Heterogeneous; Energy Conversion; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0875

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Bacterial Population Surveys; Column Chromatography; Electrophoresis; Phosphorus; Sewage; Sewage Bacteria; ...2.0020

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Marine Geology; Ocean Circulation -general; Radioactive Fallout; Radioactivity; ...2.0187

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Fertilizers; Gulf of Mexico; Lead; Marine Geology; Nuclear Radiation; Radiochemical Analysis; Runoff (water); Streams; ...2.0380

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Marine Geology; Mercury; Pacific Ocean; Radioactivity; Sea Water Sampling; Trace Analysis; ...2.0418

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Borehole Geophysics; Burial; Groundwater; Idaho; Radioisotopes; Waste Water -general; Water Pollution Sources; ...2.0569

A PRELIMINARY INVESTIGATION OF THE ROLE OF SEDIMENTS IN EUTROPHICATION ...Chemical Water Properties; Mechanism Determination; Phosphorus and Phosphorus Cpds; Sediments; ...2.0070

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Mineralogical Properties; Salt Water; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Analysis and Detection; Element Ratios; Fluid Mechanics; Gulf of Mexico; Lakes; Organic Matter; Tracers; Water Pollution Sources; ...2.0823

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Chemical Analysis -general; Fluid Mechanics; Ion Exchange; Mechanism Determination; Reactors; Sand Filters; Utilization; ...2.0888

SYMPOSIUM PRESENTATION OF RESEARCH FINDINGS ON THE REAERATION CAPACITY OF STREAMS AND ESTUARIES ...Aeration (water); Estuaries; Mass Transfer; Radioisotopes; Water Chemistry; Water Pollution Abatement; ...2.0999

DISPERSION DURING FLOW IN HETEROGENEOUS POROUS MEDIA ...Data Reduction and Analysis; Fluid Mechanics; Groundwater Movement; Model Studies; Seepage (water); Water Pollutants - Path of; ...2.1014

METAL ION-CATALYZED OXIDATION OF PHENOLS AND AROMATIC AMINES ...Catalysis, Homogeneous; Chelation & Complexing; Mechanism Determination; Organics; Oxygen; ...2.1109

EVALUATION OF TREATMENT PLANTS BY TRACER METHODS ...Activation Analysis; Process Design; Sewage - Domestic; Waste Management -see Specific; ...5.0114

RESEARCH INITIATION-PHYSIOLOGICAL AND STRUCTURAL STUDIES OF SPHAEROTILUS NATANS IN RELATION TO THE BULKING OF ACTIVATED SLUDGE ...Activated Sludge; Bacterial Morphology; Chemical Analysis (water); Microscopy; Sphaerotilus; ...5.0271

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

ORGANIC MERCURIAL FUNGICIDES AND METABOLISM ...Carbon; Mercury; Metal Organics -nonspecific; Pesticide Action on Animals; PMA; ...4.0820

DEVELOPMENT OF TECHNIQUES FOR IDENTIFICATION OF PESTICIDES AND THEIR METABOLITES BY MASS SPECTROMETRY ...Carbon; Chemical Analysis (water); Insecticides - nonspecific; Mass Spectroscopy; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.1056

MECHANISMS OF THE OXIDATIVE DEGRADATION OF PESTICIDE MALEIC-HYDRAZIDE ...Chemical Analysis; Environment Accumulation Rates; Oxidation; Pesticide Action on Plants; Pesticide Residues; Thin Layer Chromatography; ...4.1068

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Microscopy; Niobium; Radiologic Health; Silbium; Zirconium; ...5.0051

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Hydrogen; Kinetics; Mass Spectroscopy; Polymerization; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0353

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR PROCESS CONTROL AND POLLUTION ABATEMENT ...Coatings -see Materials; Plating Wastes; Radioactive Isotopes; Reactors; Zinc; ...5.0804

Isotopes Development

BIOLOGICAL EFFECTS OF IMPLANTED NUCLEAR ENERGY SOURCES FOR ARTIFICIAL HEART DEVICES (ABBREV) ...Californium; Canidae; Neutron -see Radiation; Protons; Strontium; Yttrium; ...5.0054

Activation Analysis

DEVELOPMENT OF NUCLEAR ANALYTICAL TECHNIQUES FOR OIL SLICK IDENTIFICATION ...Atmospheric and Environmental; Law Enforcement; Marine and Hydrology; Oil; Petroleum Wastes - Spillage; ...2.0501

NEUTRON ACTIVATION ANALYSIS ...Dosimetry; Iodine; Neutron -see Radiation; ...5.0057

Gauging

THE QUANTITY & MOVEMENT OF NITRATES IN SOIL WATER IN TWO CONNECTICUT SOILS TREATED WITH HIGH & LOW LEVELS OF INORGANIC NITROGEN FERTILIZER ...Fertilizers; Groundwater; Lysimeters; Soil Depth; Soil Moisture; Tension and Measurement; Zea Mays - Field Corn; ...2.0049

Radiometric Analysis

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution Control Systems; Air Pollution-chemistry; Chemical Analysis -general; Combustion; Energy Conversion; Engines; Inorganic Gases; ...1.0721

Israel

RADIOACTIVE CONTAMINATION IN MARINE ENVIRONMENT AND BIOTA IN THE BASIN OF THE MEDITERRANEAN SEA ...Contamination - Water; Marine Biology - General; Mediterranean Sea; Radioactivity; ...2.0152

REMOVAL OF SUSPENDED MATTER AND TURBIDITY FROM WATER BY FLOCCULATION ...Colloidal Phenomena; Electrochemistry; Floods; Salinity (water); Suspension; Water Chemistry; ...2.1022

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacterial Pollutant Sources; Coliforms -nonspecific; Filtration; Foreign Agriculture; Hydrolysis; Esterification; Pilot Plants; Recharge (water); Sediments; Turbidity (water); ...2.1023

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

MECHANISM OF ACTION OF HALOGENATED HYDROCARBON FUMIGANTS ON ANIMALS ...Birds; Dibromoethane; Foreign Agriculture; Muridae; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0621

WARNING AGENTS FOR TOXIC FUMIGANTS ...Foreign Agriculture; Pesticide in Food Chains; Pesticide Residues in Feeds; Pesticide Toxicity in Humans; Preventative Measures; ...4.0948

A STUDY OF THE BIOCHEMICAL EFFECTS OF IONIZING AND NONIONZING RADIATION ON PLANT METABOLISM DURING DEVELOPMENT ...District of Columbia; Light; Plants, Radiation; Radiation Effects -see Rad.; ...5.0234

Italy

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Environmental Geology; Marine Environments; Radioactivity; ...2.0153

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Atlantic Ocean; Contamination - Water; Marine Environments; Plankton; Radioactivity; Radioecology - Plants; Trace Elements; ...2.0154

STUDIES ON NEUTRON IRRADIATION OF SEEDS ...Foreign Agriculture; Neutron -see Radiation; Plants; ...5.0328

Japan

FUNDAMENTAL STUDIES OF COMPREHENSIVE DISTRICT PLANNING IN URBAN AREAS ...Architecture and Design; Public Utilities; Urban Environment; Urban Research -general; Water Supply Facilities; ...3.0323

EVALUATION OF DEHULLED SOYBEAN GRITS FROM UNITED STATES VARIETIES FOR MAKING MISO ...Foreign Agriculture; Fungi -nonspecific; Glycine; Plant Waste Removal, Treatment; ...3.0372

FATE AND SIGNIFICANCE OF LABELLED PESTICIDES RESIDUES IN RICE ...Carbon; Fungicides -nonspecific; Metabolites From Pesticides; Oryzeae; Phosphorus; Sulfur; ...4.0312

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - BASIC RADIATION ESTIMATES ...Atomic dcmb; Nuclear Warfare; Radiologic Health; X and Gamma Rays; ...5.0227

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - POPULATION STUDIES ...Atomic Bomb; Demography; Nuclear Warfare; Radiation Effects - Biological; X and Gamma Rays; ...5.0228

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - GROWTH AND DEVELOPMENT STUDIES ...Aging; Atomic Bomb; Digestive System - Human; Nuclear Warfare; Radiation Effects - Biological; ...5.0229

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - MORTALITY STUDIES ...Aging; Atomic Bomb; Human Developmental Biology; Nuclear Warfare; ...5.0230

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - MORBIDITY STUDIES ...Atomic Bomb; Injury and Shock; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0231

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - SPECIFIC DISEASES OR DISORDERS STUDIES ...Atomic Bomb; Digestive System - Human; Exercise; Human Developmental Biology; Nuclear Warfare; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0232

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - GENETICS STUDIES ...Atomic Bomb; Injury and Shock; Radiation Effects - Biological; ...5.0233

CHROMOSOMES OF BONE MARROW CELLS IN RADIATION-INDUCED LEUKEMIA IN JAPAN ...Radiation Carcinogenesis; Radiation Effects - Biological; Tumor Pathology; ...5.0330

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Contamination - Water; Developmental Biology -general; Marine Biology - General; Radioactivity; Radioisotopes -nonspecific; Water Pollution Sources; ...5.0331

HUMAN RADIATION STUDIES ...Atomic Bomb; Iodine; Nevada; Radiation Dose Studies-general; Radiation Sensitivity -man; Respiratory Disease; ...5.0372

AREA PROGRAM IN POPULATION GENETICS ...Atomic Bomb; Brazil; Computer Methods -general; Demography; Population - Growth; Venezuela; ...5.0403

STUDIES IN IODINE METABOLISM ...Australia; British Isles; Digestive System - Human; Iodine; Radiation Effects - Biological; Radiologic Health; ...5.0920

Kansas

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Acid Mine Drainage; Aquatic Plants - nonspecific; Biological Effects; Iowa; Lakes; Oklahoma; Population Dynamics -general; Strip Mines; ...2.0024

EFFECT OF URBANIZATION ON WATER QUALITY ...Acidity (water); Chlorine; Rainfall - Runoff Relationship; Urban Environment; Urban Runoff; Water Quality -general; ...2.0155

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology; Benthic Organisms -nonspecific; Coliforms -nonspecific; Fish Food Organisms; Nutrients; Plankton; Survey Studies (water); Water Properties -general; ...2.0158

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Irrigation Engineering; Recharge Pits - Wells (water); Soil Profile; ...2.1026

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Aquatic Ecology - Animal; Chemical Water Properties; Ictalurus Punctatus; Lakes; Lime Treatment; Neutralization; Population Dynamics -general; Stocking of Fish & Shellfish; ...2.1027

CRITERIA FOR WASTE-DISPOSAL SITES IN THE KANSAS RIVER VALLEY ...Alluvium - Alluvial; Chemical Analysis (water); Scouring; Waste Disposal-see Solid Waste; Water Depth, Water Levels; Water Table; ...2.1273

USE OF LIME-SODA ASH SLUDGE FOR THE TREATMENT OF MUNICIPAL WASTEWATER ...Disposal; Lime Treatment; Sewage - Domestic; Waste Treatment Economics; Water Pollution Sources; ...2.1275

WATER QUALITY - CEDAR BLUFF IRRIGATION DISTRICT, KANSAS ...Chemical Water Properties; Effluents - Waste Water;

Groundwater; Salinity (water); Seepage (water); Water Quality - general; ...3.1656

EFFECTS OF POLLUTION, ESPECIALLY FROM FEEDLOTS, ON FISHES IN THE UPPER NEOSHO RIVER BASIN ...Animal Habitat Studies; Aquatic Ecology - Animal; Fish; Pollution Effects -see Water; River Basins; ...3.1597

EFFECTS OF FEEDLOT RUNOFF ON FISH FOOD ORGANISMS IN THE COTTONWOOD RIVER ...Agricultural Runoff; Aquatic Ecology - Animal; Bottom Sampling; Fish and Shellfish; Industrial Wastes; Water Pollutant Identification; ...3.1550

THE POLITICAL AND ADMINISTRATIVE PROBLEMS OF INSURING APPROPRIATE RESIDENTIAL SERVICES IN THE PERRY AND CLINTON RESERVOIR AREAS ...Government - see Federal Gov.; Legal Studies; Reservoirs and Impoundments; Social Aspects; Texas - State Or Local; Water Quality Control - general; ...2.1834

INVESTIGATIONS WITH ORNAMENTAL PLANTS ...Climates - general; Dichlobenil; Ornamentals; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0333

FIELD EVALUATION OF HERBICIDES ...Herbicides -nonspecific; Pesticide Application Rates; Pesticide Evaluation; Pesticide Persistence in Soils; Plant Resistance; Sorghum; Triticum; ...4.0334

SOUTHEAST KANSAS EXPERIMENTAL FIELD ...Carya; Drainage; Fruit, Nut, and Berry Crops; Juglans; Ornamentals; Pesticide Evaluation; Pesticide Residues; Vegetables; ...4.0336

Kentucky

STUDY OF PETROGRAPHIC AND MINERALOGICAL CHARACTERISTICS OF CARBONATE ROCKS RELATED TO SULFUR OXIDE SORPTION IN FLUE GASES ...Absorption - Chemistry; Carbonates; Environmental Geology; Microscopy; Power Plants; Trace Element Analysis; ...1.0553

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics, Construction Materials; Eragrostis; Forest Recreation; Mine Wastes; Rehabilitation -streams -lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Low Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

THE ECOLOGY OF DRAKE'S CREEK, KENTUCKY ...Aquatic Ecology - Animal; Management (water); Survey Studies (water); Water Standards & Baselines; ...3.0596

TAXONOMY AND PHYSIOLOGY OF PROTOZOA IN CAVE STREAMS AND POOLS ...Animal Distribution; Aquatic Ecology - Animal; Groundwater; Invertebrate Physiology; Optical Properties of Water; Pollution Effects -see Water; Taxonomy -animal; Water Pollution Sources; ...3.0600

WATER RESOURCES OF THE BOWLING GREEN AREA, KENTUCKY ...Aquifers; Cooperative Studies; Floods; Groundwater Movement; Land Use; Water Resources Planning; Water Supply - general; ...2.0602

TEMPERATURE INCREASES BELOW DAMS ...Dams -general; Dyes; Fluorometry; Meteorologic Instruments -gen.; Thermal Pollution; ...3.0806

HYDROLOGIC INFLUENCES OF STRIP MINING, BEAVER CREEK, KENTUCKY ...Appalachia; Cumberland River; Small Watersheds; Strip Mines; ...2.1670

A DETAILED INVESTIGATION OF THE SOCIO-OGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Aquatic Ecology - Animal; Chemical Water Properties; Economic Impact; Plant Freshwater Ecology; Regional Economics; Social Aspects; Water Quality -general; ...2.1835

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Endrin; Eptam; Filtration; Pesticide Formulation; Pesticide Residues Removal; Ponds, Rural Areas; ...4.0034

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Cesium; Contamination - Water; Cyprinidae; Energy Budgets; Plant Ecology -nonspecific; Radioactive Fallout; Reactor Sites & Rad Waste; Strontium; ...5.0038

Laboratory Photography

COLLISIONS IN WASHOUT ...Atmospheric Dynamics; Charge on Droplets; Rain; Rain Structure - Size; ...3.0038

Lagoons

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Bacterial Morphology; Chemical Reactions; Marine Biology - General; Marine Fouling; Marine Pollutants; Plant Productivity -general; Thiobacteraceae; ...3.0188

RADIOECOLOGY OF THE KUCUK CERMECE LAGOON ...Aquatic Ecology - Animal; Biological Effects; Contamination - Water; Energy Conversion; Radioactive Isotopes, Sediments; Water Pollutants - Path of; ...3.0392

PRECISION RATIO GAS-SOURCE MASS SPECTROMETER ...Bauxite; Chemical Analysis -general; Geochemical Investigations; Mineralogical Properties; Organic Water Properties; Salinity; Sedimentary History; Water Quality -general; ...3.0815

POLLUTION PREVENTION BY AERATION OF FRUIT PROCESSING WASTES ...Activated; Aerobic Bacteria; Biochemical Oxygen Demand; Food Processing Industries; Lagoon; Plant Waste Removal, Treatment; Waste Drying; ...2.1449

ECOLOGY AND NITROGEN CYCLE IN A MARINE PLANT COMMUNITY ...Alaska; Bering Sea; Nitrogen Cycle -see Denitrif.; Physiological Effects; Plant Physiological Ecology; Primary Productivity - Plants; ...2.1476

IMPACT OF LAGOONS AND SAND BLANKETS ON FISH, AQUATIC LIFE AND WATER EQUALITY ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Fish; Plankton; Sedimentary Structures; Water Quality -general; Wisconsin; ...2.1777

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Eutrophication; Florida; Pipe; Sanitary Sewage Quantity; Sewage - Domestic; Sub - Tropic Regions; Water Pollution Abatement; ...3.0109

Lake Champlain

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN ...Aquatic Distribution; Environmental Influences; Lower Plants; Phosphorus and Phosphorus Cpds; Phytoplankton; Runoff (water); Taxonomy -plant; Water Quality - general; ...2.0274

NUTRIENT BUDGETS, RECYCLING, AND WATER TRANSPORT IN LAKE CHAMPLAIN ...Biochemical Oxygen Demand; Chlorine; Lakes; Mineralogical Water Properties; Nutrients; Organic Water Properties; Vermont; ...2.0404

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

ENVIRONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT ...Aquifers; Erosion; Landfills - see Water Pollution; Recharge (water); Septic Tanks; Surficial Geology Studies; Vermont; Water Table; ...2.1437

EFFECT OF MUNICIPAL SEWAGE PLANT EFFLUENT UPON AQUATIC SNAIL POPULATIONS ...Aquatic Ecology - Animal; Chlorine; Ecological Effects; Mercury; Pollution Effects -see Water; Sewage; ...3.0053

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation - see Pesticide Deg; Nutrients; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Sediments; Water Bacteria; ...4.0072

Lake Erie

TRACE ELEMENTS IN GRAND RIVER AND LAKE ERIE ...Canada; Nutrients; Water Pollutant Identification; ...2.0064

INVESTIGATION OF THE MERCURY POLLUTION OF LAKE ERIE AND ITS AQUATIC LIFE ...Aquatic Ecology - Animal; Contamination - Water; Ictalurus Punctatus; Mercury; Physiological Effects; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...2.0259

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Agnatha; Chemical Water Properties; Control of Nuisance Species;

Engineering Structures-general; Flow Characteristics (water); Lake Ontario; Salmonidae; Survey Studies (water); ...2.0260

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICRO-ORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Bacterial Ecology; Chemical Water Properties; Ecological Effects; Microorganisms -nonspecific; Physical Water Properties; Plant Freshwater Ecology; Plant Physiological Ecology; ...2.0290

ROLE OF FUNGI & ALGAE IN FORMATION AND HYDROLYSIS OF LAKE ERIE SEDIMENTS ...Algae - Cyanophyta; Aquatic Fungi -nonspecific; Biological Cycles; Cellular Catabolism-see Degrad; Eutrophication; Sediment Lithification; ...2.0301

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff, Aldrin, Contamination - Water; Drainage; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0303

RESEARCH ON THE MACROBENTHOS OF THE GREAT LAKES ...Annelida, Benthic Fauna; Fish Food Organisms; Lakes; Population Dynamics -general; Water Pollutant Identification; ...2.0634

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation; Economic Impact; Lakes; Pollution Effects -see Water; Regional Economics; Urban Environment; Waste Water Treatment - general; Water Quality -general; ...2.0721

INFLUENCE OF SUSPENDED MICROSCOPIC SUBSTANCES ON THE METABOLISM OF MICROORGANISMS RESPONSIBLE FOR BIOLOGICAL ENRICHMENT OF WATER ...Adsorption Capacity; Ecological Effects; Microorganisms -nonspecific; Pesticides -nonspecific; Sediments; Water Pollutants - Path of; ...2.0723

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Chemical Water Properties; Contamination - Water; Environmental Influences; Physical Water Properties; Sediments; Water Pollutants - Path of; ...2.0724

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Agricultural Runoff, Atrazine, Fertilizers; Irrigation; Leaching; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Tillage; Cropping Systems; ...2.0725

CLADOPHORA AS RELATED TO POLLUTION IN WESTERN LAKE ERIE ...Algae - Chlorophyta; Algal Pollutant Sources; Contamination - Water; Lower Plants; Mulches; Product Development Research; ...2.0726

LAKE ERIE DIKE ...Dams -general; Harbors; Iron and Steel Industry; Model Studies, Physical Models; Sediments; Waste Type; Waves -see Ocean Waves; ...2.1031

STUDY OF WATER CURRENTS AND MOVEMENTS IN LAKE ERIE ...Energy Conversion; Ocean Circulation -general; Ocean Hydrodynamics; Stratification (water); Thermal Pollution; Water Pollution Abatement; ...2.1076

PILOT-SCALE STUDY OF IMPROVED PHOSPHATE REMOVAL BY MODIFIED ACTIVATED SLUDGE PROCESS ...Activated sludge; Burning; Dewatering; Lakes; Pilot Plants; Thickening; Waste Water Treatment -general; ...2.1302

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Animal Productivity; Aquatic Soils; Environmental Changes; Fish; Lakes; Nutrient Studies -animal; Population Dynamics -general; Water Analysis; ...2.1587

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Data Reduction and Analysis; Environmental Ecology; Eutrophication; Plankton; Spawning & Nesting Sites; Stizostedion Vitreum Vitreum; Water Temperature Recorders; ...2.1672

PUBLIC INVESTMENT CRITERIA FOR WATER-ORIENTED RECREATION IN THE LAKE ERIE BASIN ...Benefit-cost Analysis; Costs -see Economics Entries; Finance -see Economics Entries; User Expenditures; Water Quality -general; Water Standards & Baselines; ...2.1896

Lake Huron

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

RESEARCH ON THE MACROBENTHOS OF THE GREAT LAKES ...Annelida; Benthic Fauna; Fish Food Organisms; Lake Erie; Lakes; Population Dynamics -general; Water Pollutant Identification; ...2.0634

Lake Mead

LARGE IMPOUNDMENTS - EUTROPHICATION OF LAS VEGAS BAY, LAKE MEAD ...Arid and Desert Regions; Data Acquisition; Nevada; Salinity (water); Water Quality Control - general; ...2.0064

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; Zooplankton; ...2.0477

LIMNOLOGICAL INVESTIGATIONS OF LAKE MEAD ...Chemical Water Properties; Lakes; Physical Water Properties; Water Pollution Effects; Water Quality -general; ...2.0657

Lake Michigan

METEOROLOGICAL CONSEQUENCES OF THERMAL POLLUTION ...Atomic Plants; Energy Conversion; Solar Radiation - sunshine; Temperature; ...2.0344

FIELD MEASUREMENTS OF ATMOSPHERIC TURBULENCE ...Atmospheric Dynamics; Bores; Mathematical Models; Weather Forecasting; ...2.0499

FATE OF TRACE METALS DERIVED FROM POLLUTION SOURCES IN LAKE MICHIGAN ...Adsorption; Chemical Properties; Lake Deposits; Lead; Trace Elements; ...2.0131

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

A COHERENT-AREA STUDY OF SOUTHERN LAKE MICHIGAN ...Eutrophic Lakes; Eutrophication; Mass Pollutional Activities; Sedimentation; Water Pollutant Identification; Weather Modification; ...2.0191

CHEMICAL TRANSFORMATION, GRAND TRAVERSE BAY, LAKE MICHIGAN ...Bays; Chemical Water Properties; Rural Areas; Urban Environment; Water Pollutants - Path of; ...2.0193

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use - Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

ECOLOGY OF CLOSTRIDIUM BOTULINUM TYPE E IN GREEN BAY ...Aquatic Distribution; Bacterial Enzymes; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Competition Among Thallophytes; Water Pollution -see Specifics; ...2.0453

EUTROPHIC EVALUATION OF A SMALL MULTI-LAND USE WATERSHED ...Environmental Geology; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Small Watersheds; Urban Environment; Wisconsin; ...2.0455

NUTRIENT ENRICHMENT AND EUTROPHICATION OF LAKE MICHIGAN ...Algal Physiology; Eutrophic Lakes; Eutrophication; Mineralogical Water Properties; Phytoplankton; Water Pollutant Sources; ...2.0627

WATER QUALITY, GRAND TRAVERSE BAY, LAKE MICHIGAN ...Bacterial Pollutant Sources; Bays; Microorganisms -nonspecific; Remote Sensing; ...2.0628

REMOTE SENSING ...Bays; Mapping; Maps -general; Remote Sensing; River Plume; Sediments; Thermal Pollution; ...2.0631

POLLUTION OF A MARINA AREA BY WATERCRAFT USE AS INDICATED BY COLIFORM AND CHEMICAL CONCENTRATIONS ...Bacterial Pollutant Sources; Bottom Sampling; Coliforms -nonspecific; Marinas; Ship Wastes; Water Pollutant Identification; ...2.0635

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algae -nonspecific; Algal Physiology; Contamination - Water; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Plant Physiological Ecology; Plant Species Diversity; Seasonal Distribution; Wisconsin; ...2.0653

GREAT LAKES ECOLOGY STUDY ...Aquatic Ecology - Animal; Chemical Analysis (water); Ecological Effects; Environmental Ecology; Lakes; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1546

LAKE MICHIGAN THERMAL STUDIES ...Atomic Plants; Dispersion (water); Forecasting - Prediction; Physical Models; Water Temperature Recorders; ...2.1547

MONITOR FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ON LAKE MICHIGAN ...Aquatic Ecology - Animal; Contamination - Water; Fish; Michigan; Physical Effects; ...2.1595

MONITORING FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ...Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Nets; Salmonidae; Thermal Pollution; ...2.1596

LAKE MICHIGAN WATER QUALITY MODEL ...Chemical Water Properties; Management (water); Mineralogical Water Properties; Rain; Water Quality -general; ...2.1825

SUPPORT OF TWO RESEARCH VESSELS ...Biological Water Properties; Core Analysis; Great Lakes -see Specific Lake; Physical Water Properties; Research Facilities; Thermal Pollution; ...2.1851

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Biological Effects; Cellular Catabolism-see Degrad; DDT; Dieldrin; Microorganism-see Cell Catab; Pesticide Residue Analysis; Pesticide Residues Removal; ...4.0075

CHLORINATED ORGANIC CONTAMINANTS IN THE MILWAUKEE RIVER ...Analysis and Detection; Bioassays; Degradation -see Pesticide Degr; Organic Water Properties; Polychlorinated Biphenyl Cpds; ...4.0076

RATES OF PESTICIDE BUILDUP IN SALMONIDS RECENTLY INTRODUCED IN THE GREAT LAKES ...Aquatic Ecology - Animal; Insecticides -nonspecific; Lake Superior; Marine Pollution; Pollution Effects -see Water; ...4.0661

MAGNITUDE AND NATURE OF POLYCHLORINATED BIPHENYLS IN COHO SALMON ...Chemical Analysis; DDT; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0674

EFFECTS OF DDT AND DIELDRIN ON REPRODUCTIVE PERFORMANCE AND GROWTH OF MINK ...DDE; DDT; Laboratory Animals; Metabolites From Pesticides; Muridae; Mustelidae; Pesticide Action on Animals; ...4.0775

INSECTICIDES AND EGG-SHELL DEPOSITION ...Annelina; Birds; DDT; Endangered Species; Fish; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0913

QUALITY FACTORS OF LAKE MICHIGAN COHO SALMON FLESH ...DDE; Dieldrin; Oncorhynchus; Pesticides -see Pesticide; Spawning -see Fish & Shellfish; ...4.1046

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

Lake Ontario

THE ROLE OF SLUDGE WORMS IN PROMOTING EUTROPHICATION ...Animal Productivity; Bays; Eutrophication; Invertebrate Physiology; Lakes; Sewage Water Bacteria; ...2.0057

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Agnatha; Chemical Water Properties; Control of Nuisance Species; Engineering Structures general; Flow Characteristics (water); Salmonidae; Survey Studies (water); ...2.0260

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Coastal Engineering -general; Eutrophic Lakes; Eutrophication; General Recreation Studies; New York; Plant Productivity -general; Turbidity (water); Waves -see Ocean Waves; ...2.0271

EXTENT OF LAKE ONTARIO POLLUTION CAUSED BY THE OSWEGO RIVER ...Aquatic Ecology - Animal; Ecological Effects; Lakes; Marine Environments; Pollution Effects -see Water; Range Or Territorial Distr; Waste Dilution; Self Purifying; ...2.0272

MONITORING WATER EFFLUENTS FROM A NUCLEAR POWER PLANT ...Atomic Plants; Effluents - Waste Water; Energy Conversion; New York; Water Pollutants - Path of; ...2.0697

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Fishery Development - other; Pesticides -see Pesticide; Residues in Foods; Water Depth, Water Levels; Water Resources Planning; ...2.1876

Lake Superior

EFFECTS OF SOUTH SHORE DRAINAGE BASINS AND CLAY EROSION ON THE PHYSICAL AND CHEMICAL LIMNOLOGY OF WESTERN LAKE SUPERIOR ...Chemical Analysis (water); Clay Soils; Facies; Pleistocene Epoch; Water Quality - general; ...2.0459

ZOOPLANKTON BIOMASS AND INCIPIENT EUTROPHICATION IN LAKE SUPERIOR ...Animal Productivity; Eutrophic Lakes; Eutrophication; Plankton Sampling; Taxonomy -animal; Water Quality -general; ...2.0642

LAKE SUPERIOR PERIPHYTON IN RELATION TO WATER QUALITY ...Animal Interrelationships -gen; Balance of Nature - Plants; Contamination - Water; Fertilizers; Nutrients; Plankton; ...2.0644

POLLUTION AND THE ECOLOGY OF NEAR-SHORE PERIPHYTON OF LAKE SUPERIOR ...Cellular Physiology- Env. Eff.; Contamination - Water; Environmental Influences; Eutrophication; Nutrients; ...2.1599

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Coastlines - Shorelines; Economics of Natural Resources; Recreation, Outdoor; Regional Economics; Solid Waste; Tectonics; Water Quality Control -general; ...2.1937

PRESTICIDE INPUTS AND LEVELS IN MINNESOTA WATERS OF THE LAKE SUPERIOR BASIN ...Aquatic Ecology - Animal; Contamination - Water; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0043

RATES OF PESTICIDE BUILDUP IN SALMONIDS RECENTLY INTRODUCED IN THE GREAT LAKES ...Aquatic Ecology - Animal; Insecticides -nonspecific; Marine Pollution; Pollution Effects -see Water; ...4.0661

Lake Tahoe

EUTROPHICATION OF SURFACE WATERS - LAKE TAHOE ...Effluents - Waste Water; Eutrophic Lakes; Eutrophication; Nutrients; Rainfall - Runoff Relationship; Waste Water Treatment -general; ...2.0034

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Data Reduction and Analysis; Forecasting - Prediction; Groundwater; Land Use; Main Pollutional Activities; Sewage, Waste Disposal-see Solid Waste; Water Quality -general; ...2.1054

THE ENVIRONMENT AND TECHNOLOGICAL ASSESSMENT ...Atomic Plants; Environmental Effects - Human; Filtration; Management (water); Rate of Mutation; ...2.1917

Lakes

CHANGING VEGETATION AND ATMOSPHERIC POLLEN ...Air Pollution -see Specifics; Economics of Natural Resources; Plant Competition; Pollen -see Pollen; Rural Areas; Urban Environment; Wind -see Air Motion; ...1.0076

FATE OF TRACE-METALS (IMPURITIES) IN SUBSOILS AS RELATED TO THE QUALITY OF GROUND WATER ...Agricultural Runoff; Groundwater; Soil Chemical Properties; Soil Fertility; Soil Organic Content; Soil Texture; Tension and Measurement; Water Pollutants - Path of; Water Wells; ...2.0004

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

A STUDY OF PHYTOPLANKTON DYNAMICS IN LAKE FAYETTEVILLE AS A MEANS OF ASSESSING WATER QUALITY ...Algae -nonspecific; Biological Water Properties; Eutrophication; Lake Stages; Physical Water Properties; Primary Productivity - Plants; ...2.0022

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Acid Mine Drainage; Aquatic Plants - nonspecific; Biological Effects; Iowa; Oklahoma; Population Dynamics -general; Strip Mines; ...2.0024

PLANKTON COMMUNITY ECOLOGY IN NORTHERN CALIFORNIA LAKES ...Benthic Organisms -nonspecific; Energy Budgets; Forest Watersheds; Lower Plants; Nutrients; Plant Population Dynamics -gen; Water Bacteria; Zooplankton; ...2.0033

AN ASSESSMENT OF RADIOACTIVE FALLOUT ...Canada; Lake Deposits; Radioactive Fallout; Sedimentation; ...2.0053

THE ROLE OF SLUDGE WORMS IN PROMOTING EUTROPHICATION ...Animal Productivity; Bays; Eutrophication; Invertebrate Physiology; Sewage; Water Bacteria; ...2.0057

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Eutrophic Lakes; Ion Exchange; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Management (water); Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Urban Environment; Water Balance - Budget; ...2.0108

A STUDY OF THE EFFECTS OF ISLAND DEVELOPMENT ON LAKE WATER QUALITY ...Acidity (water); Economics -recreation; Nitrogen and Nitrogen Cpds.; Plankton; Recreation, Water Resources; Types of Resources; ...2.0115

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Eutrophication, Indiana; Organic Properties; Synoptic Weather Observations; Temperature - Air; Vertical Distribution; Water Stratification; ...2.0137

THE FACTOR CONTROLLING THE DYNAMICS OF NONIONIC SYNTHETIC ORGANIC CHEMICALS IN AQUATIC ENVIRONMENTS ...Adsorption; Aquatic Soils; Pesticide Aquatic Cycling; Primary Productivity - Plants; Soil Chemical Properties; Water Chemistry; ...2.0140

CONTROL OR PREVENTION OF SOIL AND WATER POLLUTION FROM FERTILIZERS ...Aquatic Soils; Groundwater; Microorganisms -nonspecific; Rock - Soil Pollution; Soil Chemical Properties; Soil Microbiology; Water Quality Control -general; ...2.0170

AN IN SITU EVALUATION OF NUTRIENT EFFECTS IN LAKES ...Chelation & Complexing; Ecological Effects; Nitrogen and Nitrogen Cpds.; Sewage; ...2.0192

STUDIES OF COPPER TAILINGS ...Algae - Cyanophyta; Copper; Drainage; Mine Wastes; Spoil Banks; Toxic Minerals; ...2.0200

INVESTIGATION OF THE EUTROPHICATION PROCESS OF LAKE MCCONAUGHY, WESTERN NEBRASKA ...Eutrophication; Literature Search; Nebraska; Nutrients; Survey Studies (water); Water Properties -general; ...2.0236

KINETICS OF MICROBIOLOGICALLY MEDIATED TRANSFORMATIONS OF HEAVY METALS IN AQUATIC ENVIRONMENTS ...Acidity (water); Estuaries; Mathematical Models; Mercury; Zinc; ...2.0261

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Cladocera; Eutrophication; New York; Percidae; Plankton Sampling; Primary Productivity - Plants; Zooplankton; ...2.0265

EXTENT OF LAKE ONTARIO POLLUTION CAUSED BY THE OSWEGO RIVER ...Aquatic Ecology - Animal; Ecological Effects; Marine Environments; Pollution Effects -see Water; Range Or Territorial Distr.; Waste Dilution- Self Purifying; ...2.0272

WATER QUALITY MANAGEMENT OF IMPOUNDMENTS ...Aeration (water); Destratification; Engineering Structures-general; Eutrophication; Management (water); North Carolina; Reservoirs and Impoundments; ...2.0287

NUTRIENT EXCHANGES AND SOURCES OF NITROGEN AND PHOSPHORUS IN THE UPPER SHEYENNE RIVER WATERSHED ...Nitrogen and Nitrogen Cpds.; North Dakota; Nutrients; Phosphorus and Phosphorus Cpds; Reservoirs and Impoundments; Water Pollutant Identification; Watersheds; ...2.0296

THE IMPORTANCE OF THE FOOD CHAIN IN BOTULISM INTOXICATION AMONG WATERFOWL LAKES AND SLOUGHS OF THE DEVILS LAKE REGION IN NORTH DAKOTA ...Animal Productivity; Bacillus Luchensformis; Clostridium Botulinum; Pathology; Waterfowl -nonspecific; ...2.0299

ROLE OF FUNGI & ALGAE IN FORMATION AND HYDROLYSIS OF LAKE ERIE SEDIMENTS ...Algae - Cyanophyta; Aquatic Fungi -nonspecific; Biological Cycles; Cellular Catabolism-see Degrad; Eutrophication; Lake Erie; Sediment Lithification; ...2.0301

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Animal Behavioral Ecology; Atomic Plants; Contamination - Water; Ecological Effects; Environmental Ecology; Population Dynamics -general; Thermal Pollution; ...2.0305

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Chlorine; Forecasting - Prediction; Mineralogical Water Properties; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; Water Pollution Sources; ...2.0359

EFFECT OF DREDGING ON THE NUTRIENT LEVELS AND BIOLOGICAL POPULATIONS OF A LAKE ...Acidity (water); Biological Water Properties; Nutrients; Phytoplankton; Silting (water) -see Sediment; Turbidity (water); ...2.0365

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity - general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

NUTRIENT BUDGETS, RECYCLING, AND WATER TRANSPORT IN LAKE CHAMPLAIN ...Biochemical Oxygen Demand; Chlorine; Lake Champlain; Mineralogical Water Properties; Nutrients; Organic Water Properties; Vermont; ...2.0404

AN EVALUATION OF THE PRODUCTIVITY CHANGES ASSOCIATED WITH LIMING OF SHERWOOD LAKE, WEST VIRGINIA ...Animal Productivity; Fish; Lime Treatment; Mineralogical Water Properties; Population Dynamics -general; West Virginia; ...2.0410

CONTROL OF PRODUCTIVITY AND POPULATION CHARACTERISTICS IN AQUATIC COMMUNITIES ...Animal Productivity; Core Analysis; Invertebrate Physiology; Rehabilitation -streams -lakes; Sedimentation; ...2.0426

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection; Chemical Water Properties; Growth; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Stratification (water); Temperature; ...2.0448

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological Water Properties; Construction Land Use Effects; Environmental Ecology; Geological Exploration; Marine Biology - General; Sea Ice; Water Standards & Baselines; ...2.0470

A PRELIMINARY INVESTIGATION OF THE ROLE OF SEDIMENTS IN EUTROPHICATION ...Chemical Water Properties; Isotope Tracer -see Tracers; Mechanism Determination; Phosphorus and Phosphorus Cpds; Sediments; ...2.0578

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Acidity (water); Aquatic Soils; Bottom Sampling; Geochemical Analysis (water); Mineralogical Properties; Social Aspects; Soil pH; ...2.0600

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition; Carbon; Destratification; Forecasting - Prediction; Mathematical Models; Primary Productivity - Plants; Rate Meters; ...2.0613

RESEARCH ON THE MACROBENTHOS OF THE GREAT LAKES ...Annelida; Benthic Fauna; Fish Food Organisms; Lake Erie; Population Dynamics -general; Water Pollutant Identification; ...2.0624

TECHNOLOGICAL ASSESSMENT OF REMOTE SENSING ...Aircraft Remote Sensing; Chemical Water Properties; Estuaries; Management (water); Ponds; Water Pollutant Identification; ...2.0632

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Effluents - Waste Water; Lake Stages; Lower Plants; Nutrients; Phytoplankton; Plant Productivity -general; Tertiary Treatment; ...2.0641

RELATION OF PHOSPHORUS IN LAKE BOTTOM DEPOSITS AND POLLUTIONAL HISTORY OF MINNESOTA LAKES ...Core Analysis; Environmental Geology; Nutrients; Phosphorus and Phosphorus Cpds; ...2.0645

DIATOMS IN LAKES AND LAKE SEDIMENTS AS AN INDEX TO ENVIRONMENT ...Aquatic Soils; Core Analysis; Lake Deposits; Literature Search; Paleontology; Pollens -see Air Pollution; Water Standards & Baselines; ...2.0647

LIMNOLOGICAL INVESTIGATIONS OF LAKE MEAD ...Chemical Water Properties; Physical Water Properties; Water Pollution Effects; Water Quality -general; ...2.0667

SURVEY OF LAKE NO. 1, WINSLOW TRACT ...Aquatic Ecology - Animal; Chemical Analysis (water); Electro-fishing; Nets; New Jersey; Water Utilization -animal; ...2.0679

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; Land Use; New York; Plants - Dicotyledons; Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

FEASIBILITY OF A MOBILE SUBMERSIBLE FOR USE IN CONTROL, MANAGEMENT, STUDY OF NATURAL PROCESSES, PROTECTION & CONSERVATION OF INLAND WATERS ...Marine Biology - General; Marine Geology; Thermal Pollution; Water Conservation -general; Water Quality -general; ...2.0688

FINITE ELEMENT APPROACH TO THE POLLUTION ANALYSIS OF LAKES ...Computer Models; Hydraulics; Sediments; Thermal Pollution; ...2.0689

A STUDY OF THE NUTRIENT INPUTS INTO CAYUGA LAKE AND SENECA LAKE ...Chemical Analysis (water); New York; Nutrients; Precipitation; Watersheds; ...2.0690

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Mineralogical Properties; Salt Water; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

BIOLOGICAL MONITORING ...Animal Habitat Studies; Contamination - Water; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Water Pollutant Identification; ...2.0711

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation; Economic Impact; Pollution Effects -see Water; Regional Economics; Urban Environment; Waste Water Treatment - general; Water Quality -general; ...2.0721

AIR PHOTO ANALYSIS OF OCEAN OUTFALL DISPERSION ...Aerial Photography -see Photo.; Currents (water); Industrial Wastes; Lake; Marine Environments; Sewage, Surveying; ...2.0741

INVESTIGATION OF LAKE WATER QUALITY IN EASTERN SOUTH DAKOTA WITH REMOTE SENSING TECHNIQUES ...Aircraft Remote Sensing; Geologic Maps; Soil Tillage; Water Depth, Water Levels; Water Quality -general; ...2.0798

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Degradation - see Pesticide Deg; Fishing; Land Use; Relief; South Dakota; Water Pollution Sources; Water Supply -general; ...2.0799

SURVIVAL OF INDICATOR ORGANISMS AND ENTERIC BACTERIA IN WATER ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Dyes; Nutrients; Streptococcus Fecalis; Waste Water Treatment -general; ...2.0801

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Analysis and Detection; Fuels; Lead; Mineralization; Recreation, Water Resources; Types of Resources; Water Pollutant Identification; ...2.0807

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Analysis and Detection; Element Ratios; Fluid Mechanics; Gulf of Mexico; Organic Matter; Tracers; Water Pollution Sources; ...2.0823

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

WATER COLUMN TESTING OF FERTILIZERS ...Chemical Analysis (water); Fish; Phytoplankton; Recreation, Water Resources; Warm Temperatu . -natural; ...2.0832

CORRELATED STUDIES OF VANCOUVER LAKE--WATER QUALITY PREDICTION STUDY ...Columbia River; Dredging; Model Studies; Organic Matter; Sediments; Water Quality Control -general; ...2.0840

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Mechanism Determination; Pesticides -see Pesticide; Wisconsin; ...2.0858

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF MIXING ZONE FOR WASTE EFFLUENTS DISCHARGED INTO STREAMS OR RIVERS ...Coastlines - Shorelines; Effluents - Waste Water; Outlets; Streams & Rivers; ...2.0861

LAKE CURRENTS AND DIFFUSION PROCESSES ...Canada; Dispersion (water); Fluid Mechanics; Petroleum Wastes - Spillage; Water Pollutants - Path of; ...2.0975

DISSIPATION AND DIFFUSION OF HEAT IN STREAMS AND LAKES ...Energy Conversion; Fluid Mechanics; Heat Flow (water); Thermal Pollution; 2.0993

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Aquatic Ecology - Animal; Chemical Water Properties; Ictalurus Punctatus; Lime Treatment; Neutralization; Population Dynamics -general; Stocking of Fish & Shellfish ...1027

INDUCED AIR MIXING OF LARGE BODIES OF POLLUTED WATER ...Acidity (water); Density; Industrial Wastes; Mathematical Models; Reservoirs and Impoundments; ...2.1031

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

NEUTRALIZATION EXPERIMENTS ...Acidity (water); Aquatic Ecology - Animal; Fish; Lime Treatment; New Jersey; Recreation, Water Resources; ...2.1060

RESEARCH ON PHYSICAL ASPECTS OF THERMAL POLLUTION ...Energy Conversion; Fluid Mechanics; Forecasting - Prediction; Mathematical Models; Stratification (water); Thermal Pollution; Thermocline; ...2.1063

RESEARCH INITIATION - THERMAL DISCHARGES ...Energy Conversion; Physical Models; Thermal Pollution; ...2.1077

COLD WATER STUDIES - WALLUM LAKE ...Acidity (water); Bottom Sampling; Data Reduction and Analysis; Lime Treatment; Neutralization; Rhode Island; ...2.1095

MIXING AND DISPERSION OF CONTAMINANTS IN RESERVOIRS ...Currents (water); Dispersion (water); Texas; Water Pollutants - Path of; ...2.1108

LAKE DIKING AS A WATER POLLUTION MANAGEMENT TOOL ...Dams -general; Management (water); Utah; Water Quality Control -general; Water Resources Planning; ...2.1115

FLUSHING OF SMALL SHALLOW LAKES ...Water Quality - general; ...2.1126

LIMESTONE DRUM PRODUCTIVITY STUDY-LIMNOLOGICAL STUDY ...Acidity (water); Benthic Fauna; Limestone-general; Salmonidae; ...2.1132

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Foreign Agriculture; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Sewage; Water Pollution Abatement; Water Quality -general; ...2.1196

PILOT-SCALE STUDY OF IMPROVED PHOSPHATE REMOVAL BY MODIFIED ACTIVATED SLUDGE PROCESS ...Activated Sludge; Burning; Dewatering; Pilot Plants; Thickening; Waste Water Treatment -general; ...2.1302

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Michigan; Parks; Recreation, Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Acid Mine Drainage; Algae -nonspecific; Chlorophyll; Neutralization; Organic Waste -see Waste Treat; Rehabilitation -streams -lakes; Strip Mines; Waste Water Degradation; Waste Water Treatment - general; ...2.1319

RESEARCH INITIATION - LAKE POLLUTION BY INTERNALLY PRODUCED ORGANICS ...Algae -nonspecific; Cellular Catabolism-see Degrad; Organic Matter; Plant Productivity - general; Waste Water Treatment -general; ...2.1320

LIMNOLOGICAL EFFECTS OF ORGANIC WATERSHED LITTER ...Forest Debris; Forest Litter, Duff & Humus; Forest Watersheds; Organic Matter; Physiological Effects; ...2.1480

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Biological Water Properties; Circulation (water); Ecological Effects; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plant Freshwater Ecology; Soil Tillage; Water Properties -general; ...2.1494

EFFECTS OF ALTERNATE BLOCK CUTTING ON STREAMBED SEDIMENTATION & WATER TEMPERATURES IN BUMMER LAKE CREEK, DEL NORTE COUNTY, CALIFORNIA ...Animal Habitat Studies; California; Fish and Shellfish; Forest Watersheds; Lumbering -general; Salmonidae; Temperature (water); ...2.1497

LIGHT EXTINCTION IN LAKE WATERS ...Canada; Eutrophication; Optical Properties of Water; ...2.1503

IMPLEMENTATION OF HABITAT ALTERATIONS ...Amphibious Plants; Animal Succession; Depth (water); Environmental Ecology; Population Dynamics -general; Water Depth, Water Levels; ...2.1534

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Environmental Ecology; Insects - Beneficial; Lumbering -general; Ponds; Range Or Territorial Distr.; Temperature (water); ...2.1543

GREAT LAKES ECOLOGY STUDY ...Aquatic Ecology - Animal; Chemical Analysis (water); Ecological Effects; Environmental Ecology; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1546

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Acid Mine Drainage; Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Mining Industry; Physical Water Properties; Waste Water Treatment -general; ...2.1551

COOLING WATER DISCHARGE PROJECT (RP-49) ...Biological Water Properties; Ecological Effects; Estuaries; Synoptic Weather Observations; ...2.1572

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Animal Productivity; Aquatic Soils; Environmental Changes; Fish; Nutrient Studies -animal; Population Dynamics -general; Water Analysis; ...2.1587

EFFECTS OF LIMNOLOGICAL FACTORS ON UPTAKE OF 137CS BY FISH ...Acidity (water); Analysis of Variance; Aquatic Ecology - Animal; Chemical Analysis (water); Organic Water Properties; Regression Analysis; ...2.1593

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Pesticide Evaluation; Pesticide Interaction With Env. Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST. CROIX (ABBREV) ...Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Fishing; Loss Damages - Recreation; Population Dynamics -general; Temperature (water); Water Pollution Effects; ...2.1603

RECOVERY FROM ACID POLLUTION IN FOUR STRIP-MINE LAKES ...Acid Mine Drainage; Animal Productivity; Biological Water Properties; Energy Budgets; Lake Stages; Physical Water Properties; Primary Productivity - Plants; Strip Mines; ...2.1617

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Creel Census; Environment; Fish; Performance; Power Reservoirs; Temperature (water); Temperature - Air; User Patterns; ...2.1620

AN INVESTIGATION OF THE WATER QUALITY AND PRODUCTIVITY OF POLSON BAY, FLATHEAD LAKE, MONTANA ...Animal Productivity; Bays, Montana; Plant Productivity -general; Water Quality -general; Water Utilization - domestic; ...2.1632

PARASITES OF FRESH-WATER FISHES IN NORTH CAROLINA ...Animal Life History Studies; Annelida; Copepoda; Nets; Ponds; Temperature (water); ...2.1663

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

THE DISTRIBUTION AND DENSITY OF MACROBENTHOS IN LAKE ARLINGTON, TEXAS ...Animal Succession; Arthropods; Ecological Effects; Range Or Territorial Distr.; Texas; ...2.1724

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF MOSES LAKE ...Animal Habitat Studies; Censusing; Data Reduction and Analysis; Pre-impoundment Sites; Sediments; Texas; ...2.1727

STUDY OF TEMPERATURE EFFECTS IN COOLING WATER BODIES ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Bays; Ecological Effects; Plant Freshwater Ecology; Temperature (water); Thermal Pollution; ...2.1734

A MATHEMATICAL ANAYSIS OF THERMAL POLLUTION OF LAKES AND ESTUARIES ...Atomic Plants; Environmental Aspects; Estuaries; Thermal Pollution; Water Pollution Effects; ...2.1739

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Legal Studies; North Dakota; Riparian Rights; Water Depth; Water Levels; Water Quality Control -general; Water Rights; ...2.1813

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Expenditures; Finance -see Economics Entries; Massachusetts; Model Studies; Riparian Rights; Water Pollution Abatement; Water Resources Planning; ...2.1843

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business; Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation; Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; North Carolina; Soil Cover Crops; Surveying; Urban Research -general; Water Quality - general; Water Yield; Weather Data; ...2.1892

ECONOMIC EVALUATION OF WATER POLLUTION CONTROL ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Management (water); Model Studies; Recreation; Water Resources; Water Quality Control -general; Welfare Economics; ...2.1899

THE ENVIRONMENT AND TECHNOLOGICAL ASSESSMENT ...Atomic Plants; Environmental Effects - Human; Filtration; Lake Tahoe; Management (water); Rate of Mutation; ...2.1917

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules; Capsules; Hydrocharitaceae; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

PESTICIDE MONITORING PROGRAM LAKE MICHIGAN ...Algae -nonspecific; Environment Accumulation Rates; Fish; Pesticide in Food Chains; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0028

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Mollusca; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

FISHERIES UNIT ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Catostomidae; Cladocera; Mark, Tag Or Capture -other; Pesticides -see Pesticide; Population Dynamics -general; ...4.0066

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds; Chemical Analysis; Ecological Effects; Environmental Ecology; Fish; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Biological Effects; Cellular Catabolism-see Degrad; DDT; Dieldrin; Lake Michigan; Microorganism-see Cell. Catab.; Pesticide Residue Analysis; Pesticide Residues Removal; ...4.0075

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Aeration (water); Degradation; Formulations -nonspecific; Herbicides -nonspecific; Metabolites From Pesticides; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; ...4.0518

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics -general; Water Pollutants - Path of; ...4.0752

BIOLOGICAL FACTORS IN THE MANAGEMENT OF LAKE FLIES ...Animal Predation; Aquatic Ecology - Animal; Benthic Fauna; Biological Control; Pesticide in Food Chains; Piscicides - nonspecific; ...4.0914

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

MONITORING OF PESTICIDE LEVELS IN THE GREAT LAKES ...Aquatic Ecology - Animal; Fish; Great Lakes -see Specific Lake; Pesticide Residue Analysis; Pollution Effects -see Water; ...4.1045

ENVIRONMENTAL EFFECTS ON THE CONTENT OF CS137 IN MILK ...Air Pollution -see Specifics; Deposition-general; Food Contamination; Radioactive Fallout; Reservoirs and Impoundments; Strontium; ...5.0081

ECOLOGICAL AND RADIO-ECOLOGICAL INVESTIGATIONS AT THE AEC SAVANNAH RIVER PLANT ...Amphibians; Animal Migration; Aquatic Ecology - Animal; Energy Budgets; Mammals -nonspecific; Radiation Effects - Biological; Reptiles; ...5.0260

Dystrophic Lakes

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Lime Treatment; Model Studies; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0142

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Animal Productivity; Density; Nutrients; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Productivity -general; Stratification (water); ...2.0195

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

Eutrophic Lakes

EUTROPHICATION OF SURFACE WATERS - LAKE TAHOE ...Effluents - Waste Water; Eutrophication; Lake Tahoe; Nutrients; Rainfall - Runoff Relationship; Waste Water Treatment -general; ...2.0034

NUTRIENT EXCHANGE IN RIVERS AND LAKES ...Agricultural Watersheds; Nutrients; Urban Environment; Water Pollution Sources; ...2.0085

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; Water Quality -general; ...2.0098

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

EUTROPHICATION FACTORS IN NORTH CENTRAL FLORIDA LAKES ...Eutrophication; Florida; Mathematical Models; Nutrients; Sub - Tropic Regions; Systems Analysis - Water Mgmt; ...2.0103

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

RELATIVE LEACHING RATES OF COMMON NITROGEN CARRIERS FROM SANDY SOILS ...Biological Effects; Florida; Nutrients; Sandy Soils -see Soil Type; ...2.0109

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Analysis (water); Environmental Influences; Eutrophication; Iowa; Nutrients; Water Pollutant Identification; Water Standards & Baselines; ...2.0143

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Water Properties; Eutrophication; Iowa; Oxygen Content (water); Water Pollutants - Path of; Water Quality Control -general; ...2.0144

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control -general; ...2.0166

PHOSPHATE RETENTION BY LAKE SEDIMENTS AS A FACTOR IN THE EUTROPHICATION OF LAKES ...Chemical Properties; Effluents - Waste Water; Eutrophication; Geochemical Analysis (water); Land Use; Water Chemistry; ...2.0167

A COHERENT-AREA STUDY OF SOUTHERN LAKE MICHIGAN ...Eutrophication; Lake Michigan; Mans Pollutional Activities; Sedimentation; Water Pollutant Identification; Weather Modification; ...2.0191

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Algal Physiology; Mineral Nutrition; Organic Water Properties; Photosynthesis; Plant Epiphytic Relationships; Plant Productivity -general; Submerged Plants; ...2.0198

EUTROPHICATION - REMOVAL OF NUTRIENTS - SHAGAWA LAKE ...Algal Pollutant Sources; Denitrification -see Nitrogen; Eutrophication; Minnesota; Pilot Plants; Trickling Filters; Water Standards & Baselines; ...2.0203

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; Water Depth, Water Levels; ...2.0205

ALLEVIATION OF LAKE POLLUTION BY UTILIZATION OF AQUATIC PLANTS FOR NUTRITIONAL, MEDICINAL OR INDUSTRIAL PURPOSES ...Aquatic Plants -nonspecific; Cultural Control; Mammals -nonspecific; Minnesota; Taxonomy -plant; ...2.0207

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication, Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Algal Physiology; Environmental Influences; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Phytoplankton; Temperature (water); ...2.0263

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological Effects; Eutrophication; Microorganisms -nonspecific; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus - nonspecific; ...2.0264

EUTROPHICATION AS A PROBLEM IN THE FINGER LAKES ...Acidity (water); Chlorophyll; Eutrophication; New York; Oxygen Content (water); Transparency; Water Properties -general; ...2.0267

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Coastal Engineering -general; Eutrophication; General Recreation Studies; New York; Plant Productivity - general; Turbidity (water); Waves -see Ocean Waves; ...2.0271

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemi... Water Properties; Contamination - Water; Environmental Influences; Mineral Nutrition; Nutrient Studies -animal; Photosynthesis; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines; ...2.0298

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Carbon; Cellular Catabolism-see Degrad. Kinetics; Water Bacteria; ...2.0323

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Bacterial Ecology; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Eutrophication; Lake Deposits, Oregon; Water Bacteria; ...2.0324

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences, Eutrophication, Lakes; Mineralogical Water Properties, Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

EUROPHICATION - PHYSICAL ECOLOGICAL CONTROL ...Algae -nonspecific; Chemical Water Properties; Cultural Control, Environmental Influences, Eutrophication; Physical Water Properties; Stratification (water); Water Quality Control -general; ...2.0334

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Chemical Properties; Eutrophication; Geochemical Analysis (water); Mineralogical Water Properties; Nutrients; Organic Properties; Soil Chemical Properties; Water Bacteria; ...2.0336

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Animal Productivity; Chemical Water Properties; Eutrophication; Fish; Nutrients; Phytoplankton; Plant Population Dynamics - gen; Primary Productivity - Plants; Zooplankton ...2.0363

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algae -nonspecific; Algal Physiology; Environmental Influences; Eutrophication; Lake Stages; Physical Control; Stratification (water); Washington; Water Supply Augmentation; ...2.0429

PLANT-AVAILABLE PHOSPHORUS STATUS OF LAKES ...Algae -nonspecific; Chemical Analysis (water); Deposits; Eutrophication; Microorganisms -nonspecific; Phosphorus; Phosphorus and Phosphorus Cpds; ...2.0436

A SYSTEMS ANALYSIS OF WATER AND NUTRIENT FLOWS IN THE LAKE WINGRA BASIN ...Computer Models; Eutrophication; Mathematical Analysis; Nutrients; Simulation Theory; Systems Analysis; Water Cycle; ...2.0444

NITROGEN TRANSFORMATIONS IN LAKE SEDIMENTS ...Aquatic Soils; Eutrophication; Lake Deposits; Nitrogen and Nitrogen Cpds.; Nutrients; ...2.0445

EUTROPHICATION OF NATURAL WATERS ...Biological Water Properties; Forecasting - Prediction; Physical Water Properties; Water Quality Control -general; ...2.0451

NUTRIENT ENRICHMENT AND EUTROPHICATION OF LAKE MICHIGAN ...Algal Physiology; Eutrophication; Mineralogical Water Properties; Phytoplankton; Water Pollution Sources; ...2.0627

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Algae -nonspecific; Bioassays; Chemical Analysis (water); Eutrophication; Fertilizers -aquatic; Nutrients; Ponds; Water Pollutant Identification; ...2.0636

PHYTOPLANKTONIC NITROGEN AS AN INDEX OF CULTURAL EUTROPHICATION ...Algal Physiology; Eutrophication; Model Studies; Nitrogen and Nitrogen Cpds.; Phytoplankton; Water Pollutant Identification; ...2.0637

ZOOPLANKTON BIOMASS AND INCIPIENT EUTROPHICATION IN LAKE SUPERIOR ...Animal Productivity; Eutrophication; Plankton; Sampling; Taxonomy -animal; Water Quality - general; ...2.0642

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators, Contamination - Water; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply general; ...2.0670

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Aquatic Ecology - Animal; Eutrophication; Ohio; Plant Habitat Studies; Reservoirs and Impoundments; Survey Studies (water); Vertical Distribution; ...2.0729

A SYSTEMATIC AND ECOLOGICAL SURVEY OF THE ZOOPLANKTON AND PHYTOPLANKTON OF NORTHEASTERN OHIO GLACIAL LAKES ...Biological Water Properties; Ecological Effects; Eutrophication; Glaciology; Nutrients; Physical Water Properties; ...2.0730

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; Sewage; ...2.0848

REVERSAL OF EUTROPHICATION THROUGH ARTIFICIAL AERATION OF LAKES ...Aeration (water); Benthic Fauna; Michigan; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Vertical Distribution; ...2.1045

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Aquifers; Cultural Control; Eutrophication; Landfill; Nutrients; Sanitary Landfills; Waste Disposal-see Solid Waste; ...2.1047

PHYTOPLANKTON NUTRITION AND PHOTOSYNTHESIS IN EUTROPHIC LAKES ...Algal Physiology; Eutrophication; Monitoring; Phytoplankton; Sewage; ...2.1050

SYSTEM ANALYSIS OF EUTROPHICATION CONTROL BY FLUSHING ...Eutrophication; Nutrients; Primary Productivity - Plants; Recreation; Water Resources; Systems Analysis - Water Mgmt; ...2.1128

EFFECTS OF DOMESTIC POLLUTION ABATEMENT ON A EUTROPHIC LAKE ...Biological Water Properties; Chemical Water Properties; Physical Water Properties; Water Pollution Abatement; Water Pollution Sources; ...2.1267

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth; Water Levels; ...2.1272

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots; Arkansas; Chemical Analysis (water); Ecological Effects; Mineralogical Water Properties; Nutrients; Plankton Sampling; Population Dynamics general; Zooplankton; ...2.1483

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Model Studies; Nutrients; Physical Water Properties; Primary Productivity - Plants; Statistics; Washington; Water Purification; ...2.1768

BIOLOGICAL NITROGEN FIXATION IN LAKES, PHASE II ...Algae - Cyanophyta; Eutrophication; Hydrogenation; Nitrogen Metabolism; Water Utilization -plant; ...2.1779

Oligotrophic Lakes

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Elevation Levels; Altitude; Erosion; Forest Watersheds; Mineralogical Water Properties; Optical Properties of Water; Recreation, Water Resources; Temperature Or Heat Budgets; Turbidity (water); ...2.0032

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Algae -nonspecific; Bioassays; Chemical Analysis (water); Eutrophication; Fertilizers -aquatic; Nutrients; Ponds; Water Pollutant Identification; ...2.0636

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Data Reduction and Analysis; Management (water); Oregon; Plant Freshwater Ecology; Survey Studies (water); Water Quality -general; Watersheds; ...2.0744

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Plant Freshwater Ecology; Utah; ...2.1112

Land Use

AN EVALUATION OF FREE TRANSIT SERVICE ...Consumption, Economic Studies -general; Massachusetts; Social Aspects; Traffic Engineering; Transportation; Transportation Management; Urban Research -general; ...1.0446

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Agricultural Economics; Air Pollution-chemistry; Forest Environment -general; Losses Due to Pollution; Recreation; Water Resources; Remote Sensing; Smog; Value; ...1.0456

AIR POLLUTION AND PROPERTY VALUES ...Air Pollution -see Specifics; Air Pollution Effects; Regression Analysis; Urban Research -general; ...1.0460

ENVIRONMENT AND HUMAN RESPONSE ...Air Pollution -see Specifics; Economics of Natural Resources; Recreation; Water Resources; Regional Economics; Rural Sociology; Urban Planning; ...1.0495

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Mathematical Models; Physiography - general; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology; Floods; Geologic Maps; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Environment; Urban Research -general; ...2.0066

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation; Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Management (water); Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Urban Environment; Water Balance - Budget; ...2.0108

PHOSPHATE RETENTION BY LAKE SEDIMENTS AS A FACTOR IN THE EUTROPHICATION OF LAKES ...Chemical Properties; Effluents - Waste Water; Eutrophication; Geochemical Analysis (water); Water Chemistry; ...2.0167

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Location; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use; Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

WATER RESOURCES IN SOURDOUGH AND MIDDLE CREEK WATERSHEDS - A COMPARATIVE STUDY OF QUALITY AND HYDROLOGY ...Acidity (water); Erosion; Montana; Sedimentation; Suspension; Water Quality Control -general; Watersheds; ...2.0230

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography; Forecasting - Prediction; New Jersey; River Basins; Urban Environment; Urban Research; Water Pollution Sources; Water Utilization -domestic; ...2.0251

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply -general; ...2.0322

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL ...Computer Methods -general; Contamination; Development of Models; Forecasting - Prediction; Mathematical Models; Model Studies; Waste Disposal on Soils; Water Quality Control - general; ...2.0343

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity -general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Agricultural Runoff; Climates -general; Conservation -see Soil Conser.; Sediment Yield; Small Watersheds; Soil Cover Crops; Thunderstorms; ...2.0387

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control; Flood Routing; Forecasting - Prediction; Mathematical Models; Rain Amount; Sediment Yield; Texas; ...2.0388

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ...Agricultural Watersheds; Deposition-general; Hydraulics; New England Province; Physical Properties; Sediments; Snowmelt; Suspension; ...2.0406

EUTROPHIC EVALUATION OF A SMALL MULTI-LAND USE WATERSHED ...Environmental Geology; Lake Michigan; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Small Watersheds; Urban Environment; Wisconsin; ...2.0455

APPLIED ECOLOGICAL STUDY OF SPRING CREEK, FORT COLLINS, COLORADO ...Annelida; Invertebrates -nonspecific; Species Diversity Measurement; Water Pollution Sources; Watersheds; ...2.0522

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo.; Chemical Analysis (water); Environmental Geology; Hydrographs; Soil Tillage; Water Quality -general; Water Table; Water Wells; ...2.0570

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

MULTISPECTRAL CAMERA CLUSTER ...Aircraft Remote Sensing; Economics of Natural Resources; Soil Tillage; Surveying; Transportation; Transportation Management; Urban Research - general; ...2.0593

WATER RESOURCES OF THE BOWLING GREEN AREA, KENTUCKY ...Aquifers; Cooperative Studies; Floods; Groundwater Movement; Water Resources Planning; Water Supply -general; ...2.0602

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND

QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; New York; Plants - Dicotyledons; Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Coastlines - Shorelines; Economic Geology -general; Infrared Radiation; Legal Studies-general; Navigation; Tides; Tidewater Areas; Water Quality -general; ...2.0795

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE; Dieldrin; Fish; Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Degradation - see Pesticide Deg; Fishing; Relief; South Dakota; Water Pollution Sources; Water Supply -general; ...2.0799

MULTI-BASIN WATER QUALITY SIMULATION ...Canals; Flood Routing; Texas; Water Costs; Water Standards & Baselines; ...2.0810

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Computer Models; Cybernetics; Development of Models; River Basins; Urban Environment; Urban Research -general; Watersheds; ...2.0822

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

WATER QUALITY MONITORING STUDIES ...Aquatic Ecology - Animal; Dams -general; Fish and Shellfish; Monitoring; Population Dynamics -general; Water Quality -general; ...2.0854

INVESTIGATION OF PERMEABILITY OF FINE GRAINED GLACIAL SEDIMENTS IN RELATION TO WASTE DISPOSAL IN ILLINOIS ...Aquifers; Drainage; Illinois; Permeability; Till; Water Quality Control -general; ...2.1006

WATER QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Data Reduction and Analysis; Forecasting - Prediction; Groundwater; Mans Pollutional Activities; Sewage; Waste Disposal-see Solid Waste; Water Quality -general; ...2.1054

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated, Artificial Recharge; Chemical Water Properties; Hawaii; Primary Treatment; Storm Water; Urban Runoff; Water Standards & Baselines; ...2.1239

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

THERMAL WATER DEMONSTRATION PROJECT ...Agricultural Studies -general; Benefit-cost Analysis; Heat Recovery, Industrial; Pilot Plants; Technology - Social Impact; Thermal Pollution; Water Utilization -animal; Welfare Economics; ...2.1389

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

GEOLOGY OF URBAN DEVELOPMENT ...Building Design; Environmental Geology; New Mexico; Urban Research -general; ...2.1803

ANALYSIS OF LAND USE PATTERNS - DOCTORAL DISSERTATION RESEARCH ...Animal Habitat Studies; Georgia; Land Use, Modification Effects; ...2.1817

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1823

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Expenditures; Finance -see Economics Entries; Lakes; Massachusetts; Model Studies; Riparian Rights; Water Pollution Abatement; Water Resources Planning; ...2.1843

WATER AND THE CITIES ...Architecture and Design; Inventories, Recreation, Water Resources; Urban Environment; Water Cycle; Water Pollution Abatement; ...2.1846

A SURVEY OF ATTITUDES TOWARDS THE MISSISSIPPI RIVER AS A TOTAL RESOURCE IN MINNESOTA ...Attitudes & Attitude Change; Legal Studies; Mississippi River; Social Aspects; Water Quality Control -general; Water Standards & Baselines; ...2.1856

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTH MISSISSIPPI ...Benefit-cost Analysis; Economic Impact; Erosion; Mississippi; Sediments; Water Resources Planning; Watersheds; ...2.1861

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Navigation, Recreation, Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization - domestic; ...2.1881

ENVIRONMENTAL CONSIDERATIONS IN LAND AND WATER USE PLANNING IN RIVER BASINS ...North Carolina; Plant Ecology -nonspecific; Recreation, Water Resources; River Basins; Types of Resources; Urban Environment; Water Resources Planning; ...2.1887

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; Lakes; North Carolina; Soil Cover Crops; Surveying; Urban Research -general; Water Quality -general; Water Yield; Weather Data; ...2.1892

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Consumption; Development of Models; Floods; Mathematical Models; Recreation, Water Resources; Statistical Models; Urban Research; ...2.1904

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Effluents - Waste Water; Industrial Wastes; Management (water); Potomac River; Systems Analysis - Water Mgmt; Water Costs; Water Quality Control -general; ...2.1905

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Easements - Right of Ways; Pennsylvania; Storm Water; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1906

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Groundwater; Percolation (water); Primary Treatment; Secondary Treatment; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1907

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Benefit-cost Analysis; Demand and Use -recreation; Estuaries; Oceanography - general; Rhode Island; Survey Studies (water); Water Quality Control -general; ...2.1911

URBAN WATER POLICY AS AN INPUT IN URBAN GROWTH POLICY ...Government -see Federal Gov., Sewer Systems; Survey Studies (water); Urban Planning; Water Resources Planning; ...2.1916

COMMITTEE FOR THE STUDY OF LAND USE AND ENVIRONMENTAL CONTROL ...Legal Studies; Legislation - Zoning, State Government; Texas; Water Quality Control -general; ...2.1919

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Cost-benefit Analysis; Optimization; Economic; Recreation; Outdoor; Texas; User Characteristics -rec.; Water Resources Planning; Water Resources Protection; ...2.1920

ATTITUDES, OPINIONS AND GOALS CONCERNING REGIONAL RESOURCE PLANNING AND DEVELOPMENT ...Attitudes & Attitude Change; Computer Methods -general; Economic Planning, Government -see Federal Gov.; Regional Economics; River Basins; Vermont; ...2.1922

ANALYSIS OF POLICY ISSUES POSED BY WATER AND RELATED LAND RESOURCES PROGRAMS IN THE METROPOLITAN REGION ...Benefit-cost Analysis; Economic Impact; Riparian Rights; Water Quality -general; ...2.1934

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation; Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization - general; ...2.1936

COMPREHENSIVE STUDIES OF SOLID WASTES MANAGEMENT ...Development of Models; Disposal; Economic Studies - general; Public Utilities; Regional Or State Studies; Solid Waste; ...3.0066

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ...Building Design; Coastlines - Shorelines; Economic Planning; Mathematical Models; Planning; Regional Economics; Urban Planning; Water Quality -general; ...3.0084

TAILINGS DISPOSAL SYSTEM (EFFECT OF DAM DESIGN ON/EFFLUENT QUALITY, SUBSTRATA STUDIES, SURFACE & SUBSURFACE DISPOSAL) ...Dams -general; Economic Mineral Appraisals; Mine Structures; Mine Wastes; Waste Disposal, Underground; Water Pollution Effects; Water Pollution Sources; ...3.0340

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Carbamates -nonspecific; Fertilizers; Monitoring Systems; Nutrients; Pesticides -see Pesticide; Soil Analysis; ...4.0056

THE RELATIONSHIP BETWEEN THE USE OF AGRICULTURAL CHLORINATED HYDROCARBONS AND THEIR RESIDUES IN CHANNEL CATFISH ...Chemical Analysis; DDT; Fish; Pesticides -see Pesticide; River Basins; ...4.0754

METROPOLITAN AIRCRAFT NOISE ABATEMENT STUDY (LOGAN INTERNATIONAL AIRPORT) ...Economic Impact; Massachusetts; Noise; Noise Abatement; Urban Research - general; ...6.0007

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels; Altitude; Evapotranspiration; Forest Environment -general; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

THE DETERMINANTS OF REAL ESTATE VALUES ...Air Pollution -see Specifics; Building Construction; Heating Units; Location Choice; Noise -see Noise; Residential Buildings; Value; Zoning; ...6.0055

PLANNING STANDARDS FOR APPLICATION WITH THE LAND USE ACTIVITY ALLOCATION MODEL (LUAAM) ...Noise; Residential Buildings; Right-of-way -see Legal Study; Transportation; Transportation Management; Zoning; ...6.0056

Planning

SMOG ELIMINATION RESULTING FROM BUILDING DESIGN AND CITY PLANNING ...Building Design; Fluid Mechanics; Photography; Smoke -see Air Pollution; Surveying; Urban Research -general; ...1.0558

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources; Chemical Water Properties; Forecasting - Prediction; Mathematical Models; Rain; Runoff (water); Soil Types -also See Specifics; Water Quality Control -general; ...2.1711

GEOLOGY OF URBAN DEVELOPMENT ...Building Design; Environmental Geology; Land Use; New Mexico; Urban Research - general; ...2.1803

APPLICATION OF DYNAMIC AND LINEAR PROGRAMMING TO URBAN DEVELOPMENT ...Fiscal Analysis -general; Public Utilities; Storm Sewer Quantity; Taxes - State Or Local; Urban Roads; Water Supply Facilities; ...3.0082

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ...Building Design; Coastlines - Shorelines; Economic Planning; Mathematical Models; Regional Economics; Urban Planning; Water Quality -general; ...3.0084

CENTER FOR ENVIRONMENTAL MANAGEMENT ...Administration and Management; Building Design; Contamination -see Air & Water, Environmental Effects - Human; Environmental Hazards; Management (water); Pesticide Toxicity -general; ...4.0980

NOISE ...Building Design; Freeways; Noise; Traffic Engineering; Urban Research -general; ...6.0064

Redevelopment of Land

DUAL PURPOSE BLAST SHELTERS IN URBAN TRANSPORTATION SYSTEMS ...Freeways; Highway Sites -see Roads; Shelters; Urban Research -general; ...3.0920

Value

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Agricultural Economics; Air Pollution-chemistry; Forest Environment -general; Land Use; Losses Due to Pollution; Recreation; Water Resources; Remote Sensing; Smog; ...1.0456

THE DETERMINANTS OF REAL ESTATE VALUES ...Air Pollution -see Specifics; Building Construction; Heating Units; Location Choice; Noise -see Noise; Residential Buildings; Zoning; ...6.0055

Zoning

GEOLOGY OF URBAN DEVELOPMENT ...Building Design; Environmental Geology; Land Use; New Mexico; Urban Research - general; ...2.1803

THE DETERMINANTS OF REAL ESTATE VALUES ...Air Pollution -see Specifics; Building Construction; Heating Units; Location Choice; Noise -see Noise; Residential Buildings; Value; ...6.0055

PLANNING STANDARDS FOR APPLICATION WITH THE LAND USE ACTIVITY ALLOCATION MODEL (LUAAM) ...Land Use; Noise; Residential Buildings; Right-of-way -see Legal Study; Transportation; Transportation Management; ...6.0056

Land Use, Modification Effects

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

MOSQUITO CONTROL - TIDAL MARSHES ...Chemical Analysis; Pesticide Action on Animals; Physical Control; Swamps - Marshes; ...2.0252

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological Water Properties; Construction Land Use Effects; Environmental Ecology; Geological Exploration; Lakes; Marine Biology - General; Sea Ice; Water Standards & Baselines; ...2.0470

ECOLOGIC IMPACT OF HUMAN ACTIVITIES ON WATER RESOURCE ENVIRONMENTS ...Animal Pollutant Sources; Chemical Water Properties; Ecological Effects; Mans Pollutional Activities; Physical Water Properties; Water Pollutant Identification; ...2.0584

ADVANCED STUDY OF COASTAL ZONE OCEANOGRAPHIC REQUIREMENTS FOR EARTH RESOURCES TECHNOLOGY SATELLITE ...Coastal Engineering -general; Marine Biology - General; Marine Pollution; Spacecraft Sensory Devices; Water Pollution Sources; ...2.0713

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use, Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

IDENTIFYING ENVIRONMENTAL QUALITY ATTRIBUTES IN WATER RESOURCES ...Aquatic Ecology - Animal; Economics - recreation, Environment, Recreation, Water Resources; Social Aspects; Water Resources Development; Wilderness Recreation; ...2.1741

ANALYSIS OF LAND USE PATTERNS - DOCTORAL DISSERTATION RESEARCH ...Animal Habitat Studies; Georgia; Land Use; ...2.1817

ENVIRONMENTAL PLANNING ALONG MONTANA'S 'BLUE-RIBBON' TROUT STREAMS ...Law Enforcement, Legislation; Montana; Salmonidae; State Government; Water Resources Planning; Water Standards & Baselines; ...2.1963

Agricultural Land Use Effects

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation; Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

Birds

EFFECTS OF SAGEBRUSH CONTROL ON DISTRIBUTION AND ABUNDANCE OF SAGE GROUSE ...D, 2,4-; Grouse; Temporal Distribution; ...4.0874

THE INFLUENCE OF PESTICIDES ON MORTALITY RATES OF BIRDS ...Animal Productivity; Computer Methods -general; Pelecaniformes; Pesticide Residue Analysis; Pesticides -nonspecific; Population Dynamics -general; ...4.0828

Fish and Shellfish

EFFECT OF WATERSHED PRACTICES ON COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply -general; ...2.0322

EFFECTS OF FEEDLOT RUNOFF ON FISH FOOD ORGANISMS IN THE COTTONWOOD RIVER ...Agricultural Runoff; Aquatic Ecology - Animal; Bottom Sampling; Industrial Wastes; Kansas; Water Pollutant Identification; ...2.1558

Mammals

EFFECTS OF CHEMICAL SAGEBRUSH CONTROL ON MULE DEER IN THE MISSOURI RIVER BREAKS, MONTANA ...Animal Habitat Studies; Artemisia; Ground Census; Odocoileus; Telemetry; Wildlife Habitat Management; ...4.0749

Construction Land Use Effects

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological Water Properties; Environmental Ecology; Geological Exploration; Lakes; Marine Biology - General; Sea Ice; Water Standards & Baselines; ...2.0470

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation; Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation; Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

DETERMINATION OF AQUATIC ECOSYSTEM RESPONSE TRENDS RESULTING FROM MAN-IMPOSED ENVIRONMENTAL STRESSES ...Construction Industry; Ecological Effects; Forecasting - Prediction; Mans Pollutional Activities; ...2.1614

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Aquatic Ecology - Animal; Construction Industry; Consultants; Advisory Services; Ecological Effects; Environment; Pollution Effects -see Water; Systems Analysis - Water Mgmt; ...2.1615

Birds

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

Fish and Shellfish

EVALUATION OF ENGINEERING PROJECTS AND ESTUARINE DATA (ESTUARINE PROGRAM) ...Animal Habitat Studies; Construction Sites; Fish; Gulf of Mexico; Water Quality Control -general; ...2.0383

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Animal Life History Studies; Bays; Contamination - Water; Engineering Structures-general; Estuaries; Physiological Effects; Water Quality -general; ...2.0846

WATER QUALITY MONITORING STUDIES ...Aquatic Ecology - Animal; Dams -general; Monitoring; Population Dynamics - general; Water Quality -general; ...2.0854

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Forest Debris; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

ECOLOGICAL AND LIMNOLOGICAL IMPACT OF THE CONSTRUCTION AND OPERATION OF PUMP-BACK STORAGE PROJECTS ...Circulation (water); Electric Power Plants; Environmental Aspects; Power Reservoirs; Temperature Or Heat Budgets; Western U. S.; ...2.1509

POLLUTION FFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Construction Industry; Consultants; Advisory Services; Ecological Effects; Mammals; Mans Pollutional Activities; Wildlife -nonspecific; ...2.1770

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

Mammals

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Construction Industry; Consultants; Advisory Services; Ecological Effects; Fish and Shellfish; Mans Pollutional Activities; Wildlife -nonspecific; ...2.1770

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

Industry Land Use Effects

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological Water Properties; Construction Land Use Effects; Environmental Ecology; Geological Exploration; Lakes; Marine Biology - General; Sea Ice; Water Standards & Baselines; ...2.0470

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation; Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

HYDROLOGY OF SMALL MOUNTAIN STREAMS ...Flow Characteristics (water); Forest Debris; Hydrographs; Lumbering - general; Pulp and Paper Wastes; ...2.1680

Fish and Shellfish

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

ST. JOHNS RIVER FISHERY PROJECT ...Animal Habitat Studies; Contamination - Water; Environmental Ecology; Mans Pollutional Activities; Pollution Effects -see Water; ...2.0543

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Core Analysis; Lumbering - general; Pulp and Paper Wastes; Sedimentation; Temperature (water); Water Pollution Effects; ...2.1496

EFFECTS OF ALTERNATE BLOCK CUTTING ON STREAMBED SEDIMENTATION & WATER TEMPERATURES IN BUMMER LAKE CREEK, DEL NORTE COUNTY, CALIFORNIA ...Animal Habitat Studies; California; Forest Watersheds; Lumbering -general; Salmonidae; Temperature (water); ...2.1497

EFFECTS OF CHEMICALLY AND BIOLOGICALLY MODIFIED PULPING EFFLUENTS ON THE PRODUCTION OF FISH ...Animal Productivity; Effluents - Waste Water; Irrigation; Pollution Effects -see Water; Tides; Water Purification; ...2.1676

EFFECTS OF PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Animal Productivity; Biological Effects; Contamination - Water; Oregon; Population Dynamics - general; ...2.1685

EFFECTS OF KRAFT PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Contamination - Water; Effluents - Waste Water; Fish Food Organisms; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; ...2.1687

EFFECTS OF LOGGING ON SALMON POPULATIONS IN COASTAL STREAMS ...Animal Migration; Coastlines - Shorelines; Forest Watersheds; Lumbering -general; Oregon; Pseudotsuga; ...2.1688

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ...Animal Productivity; Clams; Contamination - Water; Electric Power Plants; Environment Resistance-animals; Heat Recovery, Industrial; Ostreidae (oyster); Temperature (water); ...2.1762

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties -general; ...2.1763

Landscape and Roadside Studies

ESTABLISHMENT OF STANDARDS FOR HIGHWAY NOISE LEVELS ...Handbooks ; Noise; Transportation Design; ...6.0026

Beautification

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business; Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation; Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

PUBLIC CONTROL OF JUNKYARDS FOR HIGHWAY BEAUTIFICATION ...Disposal; Legal Studies; Waste Type; ...3.0078

Plant Growth

RELATIONSHIP OF LEAD IN THE AIR, SOIL AND PLANTS TO PROXIMITY TO HIGHWAY TRAFFIC ...Absorption (incl Adsorption); Air Pollution -see Specifics; Cars; Lead; Roads & Highways -see Highways; Soil Aeration; Soil Chemical Properties; Wind -see Air Motion; ...1.0368

PROTECTION OF HIGHWAY AND MOTORWAY HEDGES FROM DEICING SALTS AND THE PLANTING OF SALT RESISTANT SPECIES OF PLANTS ...Contamination -see Air & Water; Pollutant Resistance; ...2.0117

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Contamination - Soil; Mans Pollutional Activities; Sandy Soils -see Soil Type; Soils; Water Supply -general; ...2.1742

TREES AND SHRUBS FOR NOISE ABATEMENT ...Forest Environment -general; Noise; Wind -see Air Motion; ...6.0037

COLLECTION, PROPAGATION, CULTURE AND EVALUATION OF PLANT MATERIALS ...Forest Environment -general; Nebraska; Noise; Right-of-way -see Legal Study; Roads & Highways -see Highways; Snow and Ice Removal; Traffic Engineering; ...6.0039

Landscaping

EFFECT OF NATURAL GAS ON SOIL ECO-SYSTEMS IN AN URBAN ENVIRONMENT ...Air Pollution -see Specifics; Fuels; Leakage; Soil Analysis; Urban Environment; ...1.0393

ECONOMICS OF ENVIRONMENTAL EFFECTS ON SEASONAL HOMES ...Access; Cost-benefit Analysis; Environmental Effects - Human; Methods - Recreation; Recreation; Water Resources; Water Pollution -see Specifics; ...1.0441

MANAGEMENT GUIDES UNDER ACCELERATED RECREATION DEMANDS AND INTENSIVE LAND USE ...Air Pollution -see Specifics; Demand and Use -recreation; Forest Management; Recreation, Water Resources; Skiing; ...2.1788

A QUANTITATIVE ANALYSIS OF LANDSCAPE ESTHETICS, WITH SPECIAL REFERENCE TO STREAM AND VALLEY SYSTEMS AND RELATED WATER AND LAND RESOURCES ...Indiana; Social Aspects; Temperate Climates; Water Quality - general; Water Resources Development; Water Utilization - domestic; Wild Rivers; ...2.1829

Landslides

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology; Floods; Geologic Maps; Land Use; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Environment; Urban Research -general; ...2.0066

Laser Effects -bioeffects

A STUDY OF LASER DAMAGE TO BIOLOGICAL MATERIALS ...Cell Injury and Autolysis; Noise; Radiation Effects - Biological; ...5.0019

ESR STUDIES OF FREE RADICALS IN RELATION TO BIOLOGICAL EFFECTS OF RADIATION ...Electron Spin Resonance; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Injury Prevention; Sulfhydryl Compounds; Ultra Violet Radiation; ...5.0164

THE EFFECT OF LASER ENERGY ON CELLS IN TISSUE CULTURES ...Cell Injury and Autolysis; Military Personnel; Occupational Hazards; ...5.0173

THE EFFECTS OF LASER IRRADIATION UPON THE VERTEBRATE RETINA ...Vertebrates Excl. Man; ...5.0190

LASER SAFETY IN MILITARY TRAINING DEVICES ...Accident; Cell Injury and Autolysis; Lasers and Masers; Military Personnel; Occupational Hazards; ...5.0248

LASER ACTION ON LIVING CELLS ...Cell Injury and Autolysis; Hyperthermal; ...5.0255

HUMAN-PRIMATE COMPARATIVE EYE STUDY FOR LASER SAFETY CRITERIA ...Primates -nonspecific; ...5.0299

STUDY OF OCULAR EFFECTS OF CHRONIC EXPOSURE TO LASER RADIATION ...Injury and Shock; Mammals -nonspecific; Occupational Hazards; ...5.0337

LASER RADIATION IN PHOTOCHEMISTRY AND PHOTOBIOLOGY ...Dyes -nonspecific; Flash; Hazardous Materials; Photochemical Reactions; Radiation; Radiation Chemistry - biophys.; Radiation Effects - Biological; ...5.0387

THE EFFECT OF LASER RADIATION ON BIOLOGICAL SYSTEMS ...Cell Injury and Autolysis; Radiation Effects - Biological; ...5.0390

COUNTER MEASURE STUDIES AGAINST VULNERABILITY OF PERSONNEL AND MATERIALS TO TACTICAL LASER RADIATION ...Lasers and Masers; ...5.0394

HUMAN EYE LASER THRESHOLDS FOR AIR FORCE OPERATIONAL PERSONNEL ...Lasers and Masers; Mammals -nonspecific; Military Personnel; Minimum Or Threshold Dose; ...5.0399

STUDIES OF RADIATION DAMAGE TO BIOLOGICAL MATERIALS ...Injury and Shock; Lasers and Masers; Radiation; Radiation Effects - Biological; Sulfhydryl Compounds; X and Gamma Rays; ...5.0400

HUMAN EYE LASER THRESHOLDS FOR AIR FORCE OPERATIONAL PERSONNEL ...Injury and Shock; ...5.0559

PATHOLOGICAL RESPONSES TO SELECTED AEROSPACE ENVIRONMENTS ...Altitude; Aviation Medicine; Environmental Effects - Human; Microorganisms -nonspecific; Radiation Effects - Biological; Toxic Substances; X and Gamma Rays; ...5.0703

LASER DAMAGE THRESHOLDS IN LIVING CELLS FOR OPERATIONAL SAFETY CRITERIA ...Cell Injury and Autolysis; Occupational Hazards; Radiation Dose Studies-general; ...5.0706

MODELS AND MECHANISMS OF THE EFFECTS OF LASER RADIATION ON BIOLOGICAL SYSTEMS ...Cell Injury and Autolysis; Lasers and Masers; Mathematical Models; Minimum Or Threshold Dose; Radiation Effects - Biological; ...5.0845

OPERATIONAL SAFETY CRITERIA FOR LONG TIME EXPOSURE TO LASER RADIATION ...Lasers and Masers; Mathematical Models; Military Personnel; ...5.0946

Lasers and Masers

LIDAR STUDY ...Atmospheric Dynamics; Particulates - Air Pollution; Particulates and Aerosols; Pennsylvania; Power Plants; Weather Radar; ...1.0012

ATMOSPHERIC DIFFUSION STUDIES - LIDAR PLUME STUDY ...Diffusion; Power Plants; Smoke; Tennessee; Weather Radar; ...1.0145

RADIATIVE PROPERTIES OF AEROSOLS IN THE STRATOSPHERE ...Aerosols; Infrared Radiation; Radiation Detectors; Stratosphere; ...1.0167

INTERDISCIPLINARY STUDIES - QUANTUM ELECTRONICS IN LIFE SCIENCES ...Industrial Pollution -general; Photosynthesis; Rapid Reactions; Reactors; ...1.0348

LIDAR PROBING OF THE ATMOSPHERE ...Aerosols; Analytical Instruments; Atmosphere Composition; Polarization; Scattering; Weather Radar; ...1.0666

EXPERIMENTAL LASER MEASUREMENT RESEARCH ...Air Pollution Analysis; Air Pollution-chemistry; Functions and Properties; Plasmas; ...1.0683

SUB-MILLIMETER RESEARCH ...Air Pollution; Effects; Energy-radiation; Interferometry; Resonance; Weather Radar; ...1.0686

AERONOMY AND OTHER ATMOSPHERIC STUDIES ...Aerosols; Color - Brightness; Photography; Plasmas; Weather Radar; ...1.0694

APPLICATION OF SOLID STATE DIODE LASERS TO VERY HIGH RESOLUTION SPECTROSCOPY OF GAS POLLUTANTS - SO2, CH2O, O3 ...Air Pollution-chemistry; Gases; Interferometry; Particulates and Aerosols; Resolution; Windows; ...1.0716

EEI-PHS STUDY ON REMOTE SENSING OF PARTICULATE EMISSIONS FROM POWER PLANT PLUMES--EVALUATION OF PLUME-LIDAR MONITORING SYSTEM (ABBREV) ...Air Pollution Monitoring; Lasers - Masers; Particulates and Aerosols; Scattering; Weather Radar; ...1.0766

FIELD APPLICATION OF DIRECT LASER BACKSCATTER FROM PLUME PARTICULATE FOR DEVELOPING DESIGN & PERFORMANCE CRITERIA FOR FIELD INSTRUMENT (ABBREV) ...Air Pollution Monitoring; Backscatter; Particulates - Air Pollution; Particulates and Aerosols; Power Plants; Weather Radar; ...1.0767

IMPLEMENTATION OF A LASER AS AN AIR POLLUTION PROBE ...Air Pollution-chemistry; ...1.0839

IMPLEMENTATION OF A LASER AS AN AIR POLLUTION PROBE ...Air Pollution -see Specifics; Air Pollution Monitoring; ...1.0841

LASER ANEMOMETER STUDY OF TURBULENT DIFFUSION AND TURBULENT SHEAR FLOWS ...Air Motion Meters; Diffusion; Particulates - Air Pollution; Turbulence; Wind; Wind Tunnels; ...1.0917

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Detergents -see Surfactants; Industrial Wastes; Mass Spectroscopy; Pesticides -see Pesticide; Petroleum Research; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

AN INVESTIGATION OF ACID MINE DRAINAGE CHEMICAL POLLUTANTS USING LASER-RAMAN AND INFRARED SPECTROSCOPIES ...Acid Mine Wastes; Chemical Analysis (water); Infrared Spectroscopy; Mine Drainage Control; Raman Spectroscopy; Zinc; ...2.0764

THREE DIMENSIONAL DISPERSION FROM POINT SOURCES OF CHEMICAL OR THERMAL POLLUTION IN OPEN CHANNELS ...Channels; Lasers - Masers; Mathematical Models; Radiation Detectors; Scattering; Thermal Pollution; Water Pollutant Identification; ...2.0990

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific; Calorimetry; Degradation; Fungi -nonspecific; Industrial Wastes; Photolysis; Pulp and Paper Wastes; Thin Layer Chromatography; Waste Water Degradation; ...5.0284

LASER SAFETY IN MILITARY TRAINING DEVICES ...Accident; Cell Injury and Autolysis; Laser Effects -bioeffects; Military Personnel; Occupational Hazards; ...5.0248

COUNTER MEASURE STUDIES AGAINST VULNERABILITY OF PERSONNEL AND MATERIALS TO TACTICAL LASER RADIATION ...Laser Effects -bioeffects; ...5.0394

HUMAN EYE LASER THRESHOLDS FOR AIR FORCE OPERATIONAL PERSONNEL ...Laser Effects -bioeffects; Mammals - nonspecific; Military Personnel; Minimum Or Threshold Dose; ...5.0399

STUDIES OF RADIATION DAMAGE TO BIOLOGICAL MATERIALS ...Injury and Shock; Radiation; Radiation Effects - Biological; Sulfhydryl Compounds; X and Gamma Rays; ...5.0400

SOLID STATE RADIATION DOSIMETRY ...Dosimeters -see Dosimetry; Dosimetry; Electro-optics; Ionizing Radiation -see Rad.; Solid State Engineering; Thermoluminescent Detectors; ...5.0824

MODELS AND MECHANISMS OF THE EFFECTS OF LASER RADIATION ON BIOLOGICAL SYSTEMS ...Cell Injury and Autolysis; Laser Effects -bioeffects; Mathematical Models; Minimum Or Threshold Dose; Radiation Effects - Biological; ...5.0845

COUNTER MEASURE STUDIES AGAINST VULNERABILITY OF PERSONNEL AND MATERIALS TO TACTICAL LASER IRRADIATION ...Electronic Detection, Tracking; ...5.0859

OPERATIONAL SAFETY CRITERIA FOR LONG TIME EXPOSURE TO LASER RADIATION ...Laser Effects -bioeffects; Mathematical Models; Military Personnel; ...5.0946

INVESTIGATIONS OF THERMOLUMINESCENT RADIATION DOSIMETRY ...Chemical Dosimetry; Dosimetry; Instrumentation; Neutron -see Radiation; Photochromism; Thermoluminescent Detectors; ...5.0964

Laundry Wastes -see Water Poll

AEROBIC AND ANAEROBIC BIODEGRADATION OF DETERGENTS ...Aerobic Bacteria; Anaerobic Bacteria; Analysis and Detection; Chemical Oxygen Demand; Home Economics; Product Development Research; ...4.1106

Leaching

FATE OF TRACE-METALS (IMPURITIES) IN SUBSOILS AS RELATED TO THE QUALITY OF GROUND WATER ...Agricultural Runoff; Groundwater; Lakes; Soil Chemical Properties; Soil Fertility; Soil Organic Content; Soil Texture; Tension and Measurement; Water Pollutants - Path of; Water Wells; ...2.0004

SORPTION AND MOVEMENT OF POLLUTED WATER IN SOIL ...Filtration; Groundwater; Pesticide Movement in Soils; Pesticides -nonspecific; Soil Chemical Properties; Soil Types -also See Specifics; Water Chemistry; ...2.0030

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure - other; Water Reuse; ...2.0031

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Freezing & Below; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality -general; Water Table - Depth of; ...2.0096

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication, Florida; Groundwater; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

RELATIVE LEACHING RATES OF COMMON NITROGEN CARRIERS FROM SANDY SOILS ...Biological Effects; Eutrophic Lakes, Florida; Nutrients; Sandy Soils -see Soil Type; ...2.0109

ROLE OF FERTILIZERS IN WATER POLLUTION ...Agricultural Runoff; Drainage; Fertilizers; Tillage, Cropping Systems; Water Table - Depth of; ...2.0134

FATE OF SURFACE-APPLIED NITROGEN FERTILIZERS ...Agricultural Runoff; Fertilizer Losses; Microorganisms -nonspecific; Non-symbiotic N-fixation; Soil Microbiology; Water Pollutants - Path of; ...2.0141

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN MASSACHUSETTS ...Groundwater; Massachusetts; Salinity (water); Soil Chemical Properties; Water Pollutants - Path of; ...2.0183

HEAVY METAL ION INTERACTION AND TRANSPORT WITH SYNTHETIC COMPLEXING AGENTS AND DETERGENT PHOSPHATE SUBSTITUTES IN AQUATIC SYSTEMS ...Biodegradation-see Degradation; Chelation & Complexing; Detergents -see Surfactants; Environmental Influences; Surfactants - see Detergents; ...2.0221

NITRATES IN WATER SUPPLIES ...Animal Wastes - Feed Lots; Fertilizers; Soil Analysis; Soil Chemical Properties; Waste Disposal on Soils; Water Supply -general; ...2.0222

EVALUATION OF SUBSURFACE MOVEMENT OF LEACHATES PRODUCED FROM SANITARY LANDFILLS ...Environmental Geology; Groundwater; Groundwater Movement; Mathematical Models; Missouri; Sanitary Landfills; Water Quality -general; ...2.0228

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Erosion; Forecasting - Prediction; Model Studies; Nitrogen and Nitrogen Cpds.; Rain; Soil Moisture; Temperature - Air; ...2.0250

SOIL AND WATER MANAGEMENT FOR SALINITY CONTROL - PHASE II ...Groundwater; New Mexico; Pesticides -nonspecific; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; Water Pollutants - Path of; ...2.0283

LOSS OF ORGANIC AND INORGANIC MATERIALS FROM ABOVE-GROUND PLANT PARTS BY LEACHING ...Absorption (incl. Adsorption); Aging; Dew; Fog, Haze, Mist; Nitrogen Metabolism; Radioactive Fallout-ef Fallout; Rain; Translocation; ...2.0288

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...3.0298

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture Temperature - Air; ...2.0302

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties Spoil Banks; Tectonics; Weathering Products; ...2.0308

SANITARY LANDFILLS IN COAL STRIP MINES ...Coal; Groundwater; Sanitary Landfills; Water Pollutants - Path of; Water Quality Control -general; ...2.0341

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination, Eastern U. S.; Landfill; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

YIELD OF NUTRIENTS FROM AGRICULTURAL LAND TO WATER SOURCES ...Chemical Analysis (water); Fertilizers; Loam -see Soil Types; Sandy Soils -see Soil Type; Silty Soils; Soil Depth; Soil Types -also See Specifics; ...2.0353

UNDERSTANDING OF THE INFILTRATION OF RAIN INTO BURIED WASTE ...Burial; Soil Moisture; Waste Disposal; Water Pollution Sources; ...2.0387

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis, Depth (water); Fish; Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Activated Sludge; Environmental Hazards; Groundwater; Landfill; Precipitation; Sanitary Sewage Quantity; Sewage Lagoons; Trickling Filters; ...2.0442

ROLE OF SULFATE AND MANGANESE OXIDES ON THE RELEASE OF PHOSPHORUS FROM LAKE SEDIMENTS ...Chemical Properties; Eutrophication; Lake Deposits; Phosphorus and Phosphorus Cpds; Water Chemistry; ...2.0447

NUTRIENT ENRICHMENT OF RUN-OFF WATERS BY SOILS. ENRICHMENT POTENTIAL OF URBAN SOILS IN THE CITY OF MADISON ...Forecasting - Prediction; Nutrients; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Urban Environment; Wisconsin; ...2.0454

QUALITY OF TILE EFFLUENT ...Chemical Analysis (water); Drainage; Effluents - Waste Water; Floods; Nitrogen and Nitrogen Cpds.; Phaseolus; Phosphorus and Phosphorus Cpds; Soil Analysis; Zea Mays - Field Corn; ...2.0587

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Agricultural Runoff; Atrazine; Fertilizers; Irrigation; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Tillage, Cropping Systems; ...2.0729

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Filters; Soil Organic Content; Soil Texture; Waste Disposal on Soils; ...2.0988

MINIMIZING NITRATE POLLUTION OF GROUNDWATER AND STREAMS ...Absorption (incl. Adsorption); Groundwater; Nitrogen Cycle -see Denitrif.; Rhizosphere; Soil Profile; ...2.1019

WASTE WATER DISPOSAL SYSTEMS FOR DEVELOPING UNSEWERED AREAS ...Connecticut; Home Waste Disposal Units; Rural Areas; Septic Tanks; Sewage - Domestic; Soil Moisture; ...2.1203

PREVENTING LANDFILL LEACHATE CONTAMINATION OF WATER ...Linings - Pavings; Rain Amount; Sanitary Landfills; Sealants -see Coatings; Temperature; Water Table; ...2.1282

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Glaciology; Groundwater; Lysimeters; Ponds; Soil Moisture; Soil Types -also See Specifics; Till; Water Pollutants - Path of; ...2.1285

INFLUENCE OF FERTILIZER PRACTICES ON WATER AND THE QUALITY OF THE ENVIRONMENT ...Animal Wastes - Feed Lots; Groundwater; Mans Pollutional Activities; Soil - Crop Relationships; Soil Nutrient Cycling; Water Table; ...2.1638

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES ...Anthracite; Contamination, Industrial Wastes; Infiltration; Mine Wastes; Percolation (water); Site -see Waste Disposal; ...3.0032

NITRATE POLLUTION FROM DISPOSAL OF DAIRY WASTE ...Animal Wastes - Feed Lots; Drainage; Groundwater; Mineral Nutrition; Soil Profile; Waste Disposal on Soils; ...3.0077

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Groundwater; Illinois; Soil Tillage; Waste Disposal on Soils; ...3.0133

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Biomass; Coloran, Msma; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon; Mathematical Analysis; Mathematical Models; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0081

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam - see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Endrin; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain; Soil Chemical Properties; Soil Depth; Trifluralin; ...4.0099

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES - Ametryn, Bioassay, Bromacil, Clay Soils, Cotoran, Foreign Agriculture, Igran, Israel, Linuron, Organic Soils -see Soils, Pesticide Persistance in Soils, Prometryne, Soil Chemical Properties, Soil Types -also See Specifics, 4.0112

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND - Agricultural Runoff, Chemical Analysis (water), Clay Soils, Environment Accumulation Rates, Erosion, Loam -see Soil Types, New England Province, Pesticide Movement in Soils, Pesticides -see Pesticide, Sandy Soils -see Soil Type, Sediments, Soil Profile, Thiodan, Vegetables, 4.0116

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS - Bioassay, Clay Soils, Dexon, Dieldrin, Environment Accumulation Rates, Organic Soils -see Soils, Pesticide Persistance in Soils, Phosphorus and Phosphorus Cpds, Prometryne, Soil Chemical Properties, Vernolate, 4.0118

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS - Agricultural Watersheds, Bromus, DDT, Environment Accumulation Rates, Forest Watersheds, Lead, Pesticide Application Rates, Pesticide Movement in Soils, Pesticide Residues, Plant Absorption -other, Soil Chemical Properties, Water Pollutants - Path of, Zinc, 4.0120

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS - Algae -nonspecific, DDT, Drainage, Ericaceae, Gas Chromatography, Percolation (water), Pesticide Movement in Soils, Pesticides -see Pesticide, Thin Layer Chromatography, 4.0123

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE - Bioassay, DDT, Environment Accumulation Rates, Lindane, Pesticide Movement in Soils, Pesticide Persistance in Soils, Soil Chemical Properties, 4.0129

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS - D, 2,4-, Oregon, Pesticide Movement in Soils, Pesticides -see Pesticide, Soil Chemical Properties, Soil Organic Content, Soil Profile, Soil Water Plant Relationships, Water Pollutants - Path of, 4.0165

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE - Ametryn, Cotoran, Herban, Loam -see Soil Types, Pesticide Interaction With Env, Pesticide Persistance in Soils, Rain, Soil Analysis, Soil pH, Soil Types -also See Specifics, Terbacil, 4.0170

WEEDS AND WEED CONTROL - Atrazine, Barban, Bromoxynil, D, 2,4-, Euphorbiaceae, Gramineae, Linaceae, Pesticide Action on Plants, Pesticide Interaction With Env, Pesticide Persistance in Soils, Picloram, Soil Analysis, Zea Mays - Field Corn, 4.0175

MOVEMENT OF INSECTICIDES IN SOIL AND WATER - Agricultural Runoff, DDT, Groundwater, Monitoring Systems, Pesticide Aquatic Cycling, Pesticide Persistance in Soils, Pesticides -see Pesticide, Rain Amount, Sediment Yield, Small Watersheds, Toxaphene, 4.0184

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS - Adjuvants, Bioassay, Cipc, Dmso, Irrigation, Liquids Or Sprays, Pesticide Degradation -see Deg, Pesticide Movement in Soils, Pesticide Phytotoxicity, Sandy Soils -see Soil Type, Tween-80 -see Surfactants, 4.0189

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS AND SOIL - Aliphatic Carbamates, Chenopodiaceae, D, 2,4-, DDT, Pesticide Movement in Soils, Pesticide Residue Analysis, Pesticide Residues in Feeds, Plant, Solanum, 4.0435

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS - Acacia, Berberidaceae, Caprifoliaceae, Granules, Capsules, Pesticide Action on Plants, Pesticide Interaction With Env, Picloram, Prosopis, Rhamnaceae, Rubiaceae, T, 2,4,5-, Temperature - Air, Verbenaceae, 4.0491

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS - Atrazine, Bioassay, Environment Accumulation Rates, Loam -see Soil Types, Pesticide Interaction With Env, Pesticide Persistance in Soils, Prometryne, Soil Types -also See Specifics, 4.1035

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL - Agricultural Runoff, Arsenic, DDT, Gossypium, Loam -see Soil Types, Pesticide Degradation -see Deg, Pesticide Persistance in Soils, Pesticides -see Pesticide, Sandy Soils -see Soil Type, Soil Analysis, Soil Chemical Properties, Texas, Water Table, 4.1123

ECOLOGICAL STUDIES OF RADIONUCLIDES IN ECOSYSTEMS AT NUCLEAR DETONATION SITES - Hydrogen, Plant Ecology -nonspecific, Pollution Effects -see Water, Radioactive Contamination, Radioactive Fallout-cf Fallout, Radioecology - Plants, Transpiration and Evap, 5.0008

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - III TREATMENT OF SOILS CONTAMINATED WITH RADIOACTIVE STRONTIUM - Precipitation, Radioactive Fallout, Radioisotopes, 5.0042

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION - Agriculture, Runoff, Diquat, Erosion, Fertilizer Losses, Mulches, Pasture, Radioactive Fallout-cf Fallout, Soil Chemical Properties, Soil Depth, Soil Types -also See Specifics, Trifluralin, X and Gamma Rays, 5.0064

CHARACTERIZATION OF SOIL & VEGETATION TO SERVE AS A BASIS FOR FUTURE EVALUATIONS OF RADIOACTIVE CONTAMINATION EFFECTS (ABBREV) - Absorption (incl Adsorption), Chemical Extraction, Diquat, Paraquat, Radioactive Fallout, Soil Water Plant Relationships, Water Pollutants - Path of, 5.0570

RADIOECOLOGICAL EFFECTS OF FALLOUT - Cesium, Gramineae -other, Grasslands, Plants, Radioactive Fallout-cf Fallout, Runoff (water), Water Cycle, 5.0629

Lead

ATMOSPHERIC RADIOCHEMISTRY - Air Pollution Sampling, Atmospheric Dynamics, Circulation - Patterns, Fission Products -see Radioact, Iodine, Nuclear Detonations, Radioactive Fallout, Radiotracers -see Tracers, Snow, Troposphere, 1.0002

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH - Aerosols, Air Pollution Monitoring, Air Pollution-chemistry, Atmospheric Dynamics, Coal Research, Fuels, Industrial Wastes, Monitoring, Scrubbers, Waste Water -general, Water Standards & Baselines, 1.0018

INTERDISCIPLINARY STUDY OF ENVIRONMENTAL POLLUTION BY LEAD - Atmospheric Dynamics, Cars, Environmental Hazards, Water Pollutants - Path of, 1.0052

THE USE OF LEAD-210 TO TRACE TRANSPORT PROCESSES IN THE REAL ATMOSPHERE - Advection, Air Pollution Sampling, Mass Transport, Radioactive Fallout, Stratosphere, Tracers, 1.0089

STUDY BY CONTRACT THE INDOOR OUTDOOR POLLUTION RELATIONSHIPS AT AN AIR RIGHTS STRUCTURE AND A CANYON TYPE STRUCTURE - Air Pollution-chemistry, Cars, Combustion, Engines, Particulates - Air Pollution, Urban Research -general, 1.0090

CHARACTERISTICS OF PARTICULATE EMISSIONS IN AUTO EXHAUSTS - DESIGN AND TEST SIMPLIFIED SAMPLING SCHEME - Air Pollution Analysis, Air Pollution-chemistry, Cars, Combustion, Particulates - Air Pollution, 1.0097

UPDATE NAPCA DATA FILE OF NATION-WIDE EMISSIONS - Air Pollution-chemistry, Combustion, Fluorine, Nitrogen and Nitrogen Cpds, Particulates - Air Pollution, Refuse Dumps, Statistics, 1.0098

DETERMINATION OF THE EFFECTS OF FUEL ADDITIVES ON VEHICULAR EMISSIONS - Air Pollution-chemistry, Combustion, Fuels, 1.0105

EVALUATE FEASIBILITY AND NATURE OF A POSSIBLE PARTICULATE STANDARD FOR MOTOR VEHICLES - Air Pollution, Cars, Fuels, Particulates - Air Pollution, Visibility, 1.0108

ATMOSPHERIC DUST AND MOLD SPORE STUDIES - Air Pollution -see Specifics, Dust, Health & Geographic Factors, Mercury, North Dakota, Phosphorus and Phosphorus Cpds, 1.0115

AN ENGINEERING STUDY OF LP GAS AS AUTOMOTIVE FUEL - Combustion, Engine, Engines, Fuel-systems, Fuels, 1.0122

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE - Activation Analysis, Atmospheric Dynamics, Bromine, Chlorine, Iodine, New Zealand, Trace Elements, Urban Research -general, 1.0137

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII - Activation Analysis, Air Pollution, Air Pollution Sampling, Antarctica, Atomic Absorption, Pacific Ocean, Trace Analysis, 1.0138

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD - Atmospheric Dynamics, Environment Accumulation Rates, Environmental Hazards, Mercury, Pesticides -nonspecific, Seismology, Toxicology, Water Pollutants - Path of, 1.0189

FURNISHING NOTICE OF RESEARCH PROJECTS RELATIVE TO ALL BIOLOGICAL INFORMATION - Air Pollution -see Specifics, Asbestos, Carbon Monoxide, Chlorine, Pollens -see Air Pollution, Zinc, 1.0193

ENVIRONMENTAL RADIOACTIVITY AND TRACE ELEMENTS IN MAN ...Air Pollution -see Specifics, Mineralization, Puerto Rico, Radium, ...1.0196

AUTOMOBILE EXHAUST AND CHRONIC RESPIRATORY DISEASE ...Air Pollution -see Specifics, Bacteria -nonspecific, Carbon Monoxide, Engines, Environmental Effects - Human, Respiratory Disease, Tobacco -cigarettes, ...1.0212

AIR LEAD POLLUTION - EFFECT ON THE G6PD DEFICIENT NEGRO ...Adenosine Triphosphate, Air Pollution -see Specifics, Sulfhydryl Compounds, Toxicology, ...1.0219

CONTINUE STUDIES TO DETERMINE THE THRESHOLD AT WHICH LEAD AND MERCURY PRODUCE HEMATOLOGIC IMPAIRMENT ...Air Pollution, Air Pollution -see Specifics, Air Pollution Effects, Mercury, Progressive, ...1.0242

IMMINENT AND SUBSTANTIAL ENDANGERMENT TO HEALTH ...Air Pollution, Air Pollution -see Specifics, Air Pollution Effects, Environmental Hazards, Fluorine, Nitrogen and Nitrogen Cpds., ...1.0263

INITIATE A STUDY & BEGIN COLLECTION OF DATA ON PHYSIOLOGICAL MECHANISMS BY WHICH PB, CD, OR AS POLLUTANTS AFFECT METABOLIC PROCESSES ...Air Pollution -see Specifics, Arsenic, Respiratory Irritants, Inhaled, ...1.0267

COMPLETE COLLECTION OF ANALYSES OF DATA ASSOCIATING HEALTH EFFECTS WITH EXPOSURE TO PB, AS, OR CD EMISSIONS FROM SMELTERS IN MONTANA & IDAHO ...Air Pollution -see Specifics, Arsenic, Chemical Analysis -general, Idaho, Miners, Occupational Hazards, ...1.0279

CONTINUE STUDIES OF HUMAN BLOOD LEAD LEVELS IN RELATION TO ATMOSPHERIC LEAD LEVELS ...Air Pollution -see Specifics, Air Pollution-chemistry, Combustion, Fuels, Mammals -nonspecific, Toxicology, ...1.0284

EFFECTS OF LOW LEVELS OF LEAD ON PROTEIN SYNTHESIS ...Air Pollution -see Specifics, Cellular Biosynthesis, Gases, Petroleum -see Oil, Respiratory Irritants, Inhaled, ...1.0294

LEAD AND SODIUM CONTAMINATION OF TREES AND SHRUBS IN URBAN ENVIRONMENTS ...Air Pollution -see Specifics, Mercury, Ornamentals, Plant Tissue Analysis -chem., ...1.0336

LITERATURE REVIEW ON THE EFFECT OF AIR POLLUTANTS ON LIVESTOCK AND POULTRY ...Air Pollution -see Specifics, Arsenic, Environment Resistance-animals, Fluorine, Literature Search, Poultry -nonspecific, Sus, ...1.0352

INVESTIGATIONS IN THE THERAPY OF BOVINE LEAD POISONING ...Animal Pharmacology, Auto Exhaust -see Air Poll., Bos, Chelation & Complexing, ...1.0360

EFFECTS OF AUTO EXHAUST ON ROADSIDE MAMMAL POPULATIONS ...Air Pollution -see Specifics, Animal Behavioral Ecology, Cricetidae -other, Environmental Physiology, Population Dynamics -general, ...1.0361

RELATIONSHIP OF LEAD IN THE AIR, SOIL AND PLANTS TO PROXIMITY TO HIGHWAY TRAFFIC ...Absorption (incl. Adsorption), Air Pollution -see Specifics, Cars, Roads & Highways - see Highways, Soil Aeration, Soil Chemical Properties, Wind -see Air Motion, ...1.0368

PENNSYLVANIA POWER PLANT STUDY ...Air Pollution-chemistry, Farm Pond, Industrial Pollution -general, Pinus Strobus, Power Plants -see Specifics, Sulfur Dioxide, Wind -see Air Motion, ...1.0407

DEVELOP REFERENCE AIR QUALITY VALUES ...Air Pollution -see Specifics, Air Pollution-chemistry, Carbon Monoxide, Fluorine, Nitrogen and Nitrogen Cpds., Respiratory Irritants, Inhaled, ...1.0524

DEVELOPMENT OF REFERENCE AIR QUALITY STANDARDS ...Air Pollution -see Specifics, Air Pollution Effects, Fluorine, Nitrogen and Nitrogen Cpds., ...1.0525

INTERACTION OF FUEL AND ENGINE FACTORS INFLUENCING EXHAUST EMISSIONS ...Combustion, Engines, Fuels, ...1.0620

CONTINUOUS ATMOSPHERIC LEAD SAMPLER ...Air Pollution-chemistry, Chemical Analysis -general, ...1.0680

FEASIBILITY STUDIES TO DETERMINE THE USE OF VARIOUS MATERIALS AS STANDARD REFERENCES FOR AIR POLLUTION MEASUREMENTS ...Air Pollution Monitoring, Energy Conversion, Inorganic Gases, Oxidants, Particulates - Air Pollution, ...1.0692

SPREADING OF LEAD IN RURAL AREAS ...Air Pollution -see Specifics, Air Pollution-chemistry, Combustion, Food Contamination, Rural Areas, Toxic Substances, Water Pollutants - Path of, X-ray Spectroscopy, ...1.0703

THE DIRECT AND CONTINUOUS DETERMINATION OF METALS IN AIR ...Air Pollution Monitoring, Air Pollution-chemistry, Combustion Air Pollution-gen, Incinerators, Mercury, Trace Analysis, ...1.0707

USE OF SOLID STATE DETECTORS IN AIR POLLUTION RESEARCH ...Air Pollution-chemistry, Chemical Mechanisms & Kinetics, Detectors and Sensors, Electrical Phenomena, Nitrogen and Nitrogen Cpds., Trace Analysis, ...1.0709

RADIOACTIVITY AND TRACE ELEMENTS IN SURFACE AIR ...Air Pollution Sampling, Antarctica, Atmospheric Dynamics, Hawaii, Radioactivity, ...1.0745

OPERATE A NETWORK OF CONTINUOUS MONITORING RESEARCH STATIONS (CAMP) ...Air Pollution, Air Pollution Monitoring, Automatic Weather Stations, Cars, Combustion, Combustion Air Pollution-gen, Fuels, ...1.0783

DEVELOP TECHNIQUES FOR STORING CHEMICAL INFORMATION PROPORTIONAL TO 24-HOUR AVERAGE CONCENTRATIONS OF SO2 AND NOX ...Absorption - Chemistry, Air Pollution Monitoring, Air Pollution-chemistry, Gases, Nitrogen and Nitrogen Cpds., ...1.0805

DEVELOP EMISSION RATES FOR MOBILE SOURCES ...Combustion, Nitrogen and Nitrogen Cpds., Sulfur Dioxide Removal, ...1.0812

DEVELOP A PROCEDURE FOR THE COLLECTION OF AND ANALYSIS FOR FILTERABLE ('ORGANIC') LEAD FROM AMBIENT AIR ...Air Pollution Analysis, ...1.0818

DEVELOP & IMPLEMENT OPERATIONAL SYSTEM FOR EVALUATING & COLLABORATIVELY TESTING METHODS RECOMMENDED FOR AIR POLLUTION MEASUREMENT (ABBREV) ...Air Pollution, Air Pollution Analysis, Aldehydes - nonspecific, Carbon Monoxide, Methane, Nitrogen and Nitrogen Cpds., Particulates - Air Pollution, ...1.0843

MECHANISMS OF PHOTOCHEMICAL REACTIONS IN URBAN AIR ...Aerosols, Air Pollution-chemistry, Nitrogen and Nitrogen Cpds., Oxidation, Particulates - Air Pollution, Photochemical Reactions, Urban Research -general, ...1.0869

TRACE AND TRACER ELEMENTS IN GROUND WATER PHASE III ...Arizona, Chemical Analysis (water), Groundwater, Industrial Wastes, Natural Recharge, Soil Chemical Properties, Water Pollution Sources, Zinc, ...2.0017

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources, Estuaries, Fish, Marine Animals, Marine Environments, Organics, Radioactivity, Trace Elements, Zinc, ...2.0028

LEAD POLLUTANTS IN NEAR SHORE MARINE ENVIRONMENTS ...Biological Effects, Fish, Marine Biology - General, Outlets, Sanitary Sewage Quantity, ...2.0049

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics, Chlorinated Hydrocarbons, Circulation - Patterns, Gas Chromatography, Mass Pollutional Activities, Marine Environments, Mercury, Monsoons, Pesticide Aquatic Cycling, Pesticides -see Pesticide, Salt Water, Western U. S., ...2.0052

FATE OF TRACE METALS DERIVED FROM POLLUTION SOURCES IN LAKE MICHIGAN ...Adsorption, Chemical Properties, Lake Deposits, Trace Elements, ...2.0131

RAIN SCAVENGING STUDIES ...Air Pollution, Atmosphere Disturbance, Cloud Physics, Diffusion, Tracers, ...2.0194

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes, Analysis and Detection, Atomic Absorption, Contamination - Water, Mine Hydrology, Missouri, Pollution Effects -see Water, Water Pollution Effects, Zinc, ...2.0226

ABNORMAL TRACE METALS IN CARDIOVASCULAR DISEASE ...Air Pollution -see Specifics, Muridae, Water Pollution - see Specifics, ...2.0247

A STUDY OF SUSPECTED LEAD POISONING OF SWANS AND GEESE ...Animal Pharmacology, Aquatic Soils, Bird Studies - general, Food Supply, Pathology, Rhode Island, ...2.0355

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates, Fertilizers, Gulf of Mexico, Marine Geology, Nuclear Radiation, Radiochemical Analysis, Runoff (water), Streams, ...2.0380

LEAD SHOT, ITS SETTLEMENT, OXIDATION, AND AVAILABILITY TO WATERFOWL ...Aquatic Ecology - Animal, Contamination - Water, Corrosion, Deterioration, Ordnance Materials, Swamps - Marshes, Waterfowl -nonspecific, ...2.0397

LEAD IN AQUATIC ENVIRONMENTS ...Air Pollution, Estuaries, Industrial Wastes, Ocean Mixing, Puget Sound, Seasonal Studies, Water Cycle, Water Standards & Baselines, ...2.0425

THE DEGREE OF FECAL POLLUTION IN THE WATER OF REGIONS OF THE EASTERN DISTRICTS, BY A NEW COMBINED CHEMICAL-MICROBIOLOGICAL METHOD ...Canada, Coliforms -nonspecific, Industrial Wastes, Mercury, Sewage, Water Pollutant Identification, Water Pollution -see Specifics, ...2.0506

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection, Chemical Water Properties, Electrochemistry, Physical Water Properties, Trace Elements, Water Distribution Systems, Water Quality -general, Zinc, ...2.0623

AUTOMATED POTENTIOMETRIC TECHNIQUES FOR THE ON-SITE MONITORING OF IONS IMPORTANT IN WATER QUALITY CONTROL ...Analysis and Detection, Automatic Data Acquisition, Electrochemistry, Potentiometry, Water Quality Control -general, ...2.0657

HEAVY METAL RESIDUES IN CHANNEL CATFISH FROM SELECTED WATERSHEDS IN NEBRASKA ...Aquatic Ecology - Animal, Contamination - Water, Nebraska, Watersheds, ...2.0664

A STUDY OF SELECTED SPECIFIC ION ELECTRODES, NO II ...Analysis and Detection, Electroanalysis, Electrochemistry, Nutrients, ...2.0728

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Analysis and Detection, Fuels, Lakes, Mineralization, Recreation, Water Resources, Types of Resources, Water Pollutant Identification, ...2.0807

GEOCHEMICAL OCEAN SECTION STUDY ...Activation Analysis, Chemical Composition, Gamma Spectroscopy, Marine Geology, Radioactive Isotopes, Radioactivity, Sea Water Chemistry, Trace Analysis, ...2.0844

EFFECT OF SURFACTANT MICELLES ON METAL ION REMOVAL BY FLOTATION FROM METALLURGICAL WASTEWATER ...Chemical Mechanisms & Kinetics, Flotation, Metal Processing Wastes, Surfactants -see Detergents, Ultrasonics, Zinc, ...2.1327

METAL REMOVAL/RECOVERY FROM POLLUTED WATER BY COMPLEXATION WITH LINEAR POLYELECTROLYTES ...Chelation & Complexing, Chemical Treatment (water), Desalination, Industrial Wastes, Plastics, Waste Material Recovery, Zinc, ...2.1352

REMOVAL OF TRACE METALS FROM WATER BY ION FLOTATION ...Demineralization, Foam, Mineralization, Surfactants -see Detergents, Waste Management -see Specific, ...2.1374

BOTANICAL RESEARCH - ENVIRONMENTAL GEOCHEMISTRY IN RELATION TO HEALTH AND DISEASE ...Committee Support, Geochemical Investigations, Health & Geographic Factors, Meetings, Soil Chemistry, ...2.1505

EFFECTS OF CHEMICAL VARIATIONS IN AQUATIC ENVIRONMENTS ...Aluminum, Chemical Analysis (water), Colorado River, Data Acquisition, Oil Shale, Salinity (water), ...2.1512

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption, Aquatic Ecology - Animal, Atomic Absorption, Geochemical Analysis (water), Precipitation, Water Pollution Effects, Water Purification, Zinc, ...2.1626

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water), Alkalinity (water), Color (water), Contamination - Water, Fish, Mineralogical Water Properties, Pollution Effects -see Water, Water Bacteria, Water Pollution Sources, Zinc, ...2.1628

PLUMBISM IN MIGRATORY WATERFOWL FROM FOOD CHAIN ACCUMULATION OF LEAD ...Absorption (incl. Adsorption), Animal Migration, Bird Studies -general, Waterfowl - nonspecific, ...2.1631

HEALTH EFFECTS OF TOXIC CHEMICALS WITHIN THE WATER ENVIRONMENT ...Animal Toxins, Clams, Eastern U. S., Marine Environments, Pollution Effects -see Water, ...2.1697

COMPARATIVE TOXICITIES OF METALS TO ESTUARINE FISHES ...Aluminum, Bioassays, Cyprinodontidae, Environmental Physiology, Industrial Wastes, Marine Animals, Toxic Substances, ...2.1701

HISTOPATHOLOGIC EFFECTS OF POLLUTANTS ON CELLS AND TISSUES OF MARINE FISHES ...Contamination - Water, Cyprinodontidae, Marine Animals, Mineralogical Water Properties, Physiological Effects, ...2.1704

TREATMENT OF TAILINGS TO ENHANCE PLANT GROWTH AND PROMOTE STABILIZATION OF TAILINGS ...Bibliography, Mine Wastes, Mining Industry, Soil Amendments, Toxic Minerals, Zinc, ...3.0043

RECOVERING AND REFINING SECONDARY METALS AND ALLOYS ...Chlorine, Constants, Distillation, Mercury, Metal Processing Wastes, Tin, Zinc, ...3.0378

RECOVERY OF COPPER AND OTHER BASE METALS FROM COMPLEX METAL MIXTURES ...Coatings -see Materials, Colorimetric Methods, Disposal, Recoverable Materials, Waste Type, Xray Diffraction, Zinc, ...3.0379

RECYCLING OF STEELMAKING FURNACE DUSTS ...Casting of Materials, Purity, Impurity, Recoverable Materials, Waste Type, Zinc, ...3.0384

UTILIZATION OF PROCESSING WASTES AND SCRAP ...Industrial Wastes, Water Reuse, Zinc, ...3.0385

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds, Bromus, DDT, Environment Accumulation Rates, Forest Watersheds, Pesticide Application Rates, Pesticide Movement in Soils, Pesticide Residues, Plant Absorption -other, Soil Chemical Properties, Water Pollutants - Path of, Zinc, ...4.0120

DEVELOPMENT AND REFINEMENT OF ANALYTICAL METHODS FOR AGRICULTURAL PRODUCTS ...Animal Pharmacology, Chemical Analysis, Iodine, Pesticide Residues in Foods, Pesticide Residues Removal, Pesticides -nonspecific, Vertebrates - nonspecific, ...4.0489

EXPERIMENTAL OPTIC NEUROPATHIES ...Cyanides, Muridae, Toxicology, ...4.0655

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry, Element Ratios, Environmental Geology, Evolution, Genetic Relationships, Geochemical Investigations, Petrology, Radiochemical Analysis, Uranium, ...5.0016

RADON PROGENY INHALATION EXPOSURES TO URANIUM MINERS ...Environmental Carcinogenesis, Pulmonism, Radiologic Health, Respiratory Irritants, Inhaled, ...5.0023

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation, Canidae, Cervus, Environmental Effects - Human, Finland, Iron, Plant Food Chains, Radiation, Whole Body, Radiologic Health, Strontium, ...5.0030

DEVELOP TECHNIQUES FOR DECONTAMINATING SOILS POLLUTED WITH RADIOACTIVE MATERIALS OR HEAVY METALS ...Bioindicators, Mineral Nutrition, Radiation Effects - see Rad., Radioactive Contamination, Soil Chemical Properties, Zea Mays - Field Corn, ...5.0041

LEVELS OF NATURAL RADIOACTIVITY IN MAN AND HIS ENVIRONMENT ...Food Contamination, Radiologic Health, Radium, Uranium, ...5.0058

IRON-55 AND LEAD IN THE HUMAN POPULATION OF THE WORLD ...Animal Productivity, Food Contamination, Health & Geographic Factors, Radiologic Health, ...5.0084

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil, Factory Workers, Health & Geographic Factors, Occupational Hazards, Radiation, Low Level, Radioactive Hazard, Radioactive Pollution -in, Radioactivity Studies -general, Sandy Soils -see Soil Type, Thorium, ...5.0100

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium, Cesium, Iron, Manganese, Mercury, Radiation Injury Prevention, Sodium, Thallium, Tungsten, Zinc, ...5.0136

METABOLISM AND DISTRIBUTION OF BONE-SEEKING NUCLIDES BY MAN ...Alpha Particles, Feces, Polonium, Radium, Urine, ...5.0282

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles, Chemical Carcinogenesis, Cricetus, Experimental Teratology, Fish, Muridae, Radiation Carcinogenesis, Radiation Injury Prevention, Temperature & Humidity Effects, Viral Pollutant Sources, Viruses - Animal, ...5.0371

RENAL PHARMACOLOGY AND TOXICOLOGY OF FALLOUT NUCLIDES ...Arsenic, Radiologic Health, Toxicology, Zirconium, ...5.0625

PB-210 STUDIES IN BEAGLES ...Body Isotope Burden, Digestive System - Human, Food Contamination, Polar Oceanic Areas, Radiologic Health, Toxicology, ...5.0721

DISTRIBUTION OF PB-210 IN CANINE BLOOD AFTER INTRAVENOUS INJECTION & ASSOCIATION OF NUCLIDE WITH BLOOD CONSTITUENTS IN DOGS & HUMANS (ABBRE ...Canidae, Cell Membrane Permeability, Radiation Injury Prevention, ...5.0724

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska, Canidae, Cobalt, Europium, Lichenes, Radiation Resistance -animals, Radiologic Health, Ruthenium, Stibium, Zirconium, ...5.0742

STUDIES OF URANIUM MINER HAZARDS ASSOCIATED WITH RADON ...Bioassays, Feces, Occupational Hazards, Radiation Effects - Biological, Radon, Urine, ...5.0885

CONTROL OF ION CONTENT OF CELLS ...Active Transport; Cell Injury and Autolysis; Cellular Model Systems; Ionic Effect; Microorganisms; Potassium; Strontium; Zooplankton; ...5.0886

RETENTION AND DOSIMETRY OF BONE SEEKING RADIONUCLIDES IN BEAGLES ...Americum; Canidae; Plutonium; Radium; Strontium; Thorium; ...5.0952

Learning and Retention

CARBON MONOXIDE AND HUMAN INFORMATION PROCESSING ...Air Pollution -see Specifics; Carbon Monoxide; Mammals -nonspecific; Psychology; Sensory & Perceptual Processes; Toxicology; ...1.0182

THE STUDIES OF IONIZING RADIATION AS STIMULI ...Biological Rhythms; Muridae; Psychology; Toxic Substances; ...5.0254

BEHAVIORAL AND NEURAL EFFECTS OF RADIATIONS AND TOXINS ...Burns; Digestive System - Human; Mammals -nonspecific; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; ...5.0512

ADAPTIVE SPECIALIZATIONS IN LEARNING AND MEMORY ...Evolution; Injury and Shock; Motivation and Instinct; Sensory & Perceptual Processes; Toxicology; ...5.0588

IONIZING RADIATION, BEHAVIORAL DEVELOPMENT, AND AGING ...Aging; Psychology; Radiation Dose Studies-general; Radiation, Low Level; ...5.0605

DELAYED SENSORY EFFECTS OF PRENATAL IRRADIATION ...Auditory Physiology; Developmental Physiology; Psychology; Radiation, Low Level; Sensory & Perceptual Processes; X and Gamma Rays; ...5.0681

EFFECTS OF IRRADIATION ON COMBAT CREW TASK COMPLEXITY ...Performance - Behavioral Study; Primates -nonspecific; Psychology; Radiation Sensitivity -man; ...5.0702

STUDIES IN THE USE OF IONIZING RADIATION AS STIMULI ...Beta Particles; Muridae; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; ...5.0814

NOISE INDUCED DEAFNESS - MASKING AND SPEECH PERCEPTION ...Auditory Physiology; Auditory Stress; Hearing Loss and Deafness; Noise; Occupational Hazards; Psychology; Sensory & Perceptual Processes; ...6.0070

THE DETERMINATION OF SUSCEPTIBILITY TO HEARING LOSS ...Auditory Physiology; Auditory Stress; Hearing Loss and Deafness; Psychology; Rodentia -other; ...6.0090

THE EFFECTS OF AGE, FOOD DEPRIVATION, AND WHITE NOISE ON READINESS TO EAT AND EXPLORATORY TENDENCIES IN RATS ...Auditory Stress; Motivation and Instinct; Muridae; ...6.0092

COMPARATIVE STUDY OF VOCAL LEARNING ...Birds; Motivation and Instinct; Psychology; Sensory & Perceptual Processes; Sound Production; ...6.0097

Legal Studies

ATMOSPHERIC POLLUTION BY GASOLINE ENGINES ...Air Pollution; British Isles; California; Engine; Engines; Gases; ...1.0151

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Benefit-cost Analysis; Energy Conversion; Government -see Federal Gov.; Petroleum Industry; Regulatory & Legal; Social Aspects; Water Resources Protection; ...1.0481

THE ORGANIZATIONAL FACTORS IN AIR POLLUTION CONTROL ...Air Pollution; Air Pollution -see Specifics; Government - see Federal Gov.; Organizational Research; Urban Environment; Urban Research -general; ...1.0483

AIR POLLUTION CONTROL IN THE NEW YORK METROPOLITAN AREA ...Air Pollution; New York; Urban Environment; Urban Research -general; ...1.0494

LEGAL INFORMATAON HANDLING SYSTEM ...Air Pollution; Data Reduction and Analysis; Government -see Federal Gov.; Information Systems; Regional Or State Studies; ...1.0528

EVALUATE THE EFFECTS OF SOURCE CONTROL PROGRAMS ON AIR QUALITY LEVELS ...Air Pollution; Air Pollution -see Specifics; ...1.0529

EVALUATION OF EMISSION CONTROL SYSTEMS FOR EXISTING VEHICLE ...Air Cleaning Devices; Costs -see Economics Entries; Engine; Engines; ...1.0570

DEVELOPMENT OF NUCLEAR ANALYTICAL TECHNIQUES FOR OIL SLICK IDENTIFICATION ...Activation Analysis; Atmospheric and Environmental; Law Enforcement; Marine and Hydrology; Oil; Petroleum Wastes - Spillage; ...2.0501

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research -general; ...2.0811

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Colorado; Federal Government; Management (water); State Government; Water Quality Control -general; ...2.0981

TECHNICAL, ECONOMIC & LEGAL ASPECTS IN THE EXCHANGE OF SEWAGE EFFLUENT FOR IRRIGATION WATER FOR MUNICIPAL USE (TUCSON) ...Agricultural Studies -general; Arizona; Sewage; Water Purification; Water Utilization -domestic; ...2.1155

WORKSHOP ON RESEARCH PROBLEMS IN AIR AND WATER POLLUTION ...Air Pollution Effects; Eutrophication; Meetings; Thermal Pollution; Upper Atmospheric Chemistry; Water Pollution Effects; ...2.1800

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Florida; Mississippi; Recreation, Water Resources; South Carolina; State Government; Water Pollution Sources; ...2.1815

ILLINOIS AND ITS INTERSTATE COMPACTS ...Administrative Organizations; Community Health Services; Illinois; Legal Review; Urban Environment; Urban Research -general; Water Resources Protection; ...2.1819

THE POLITICAL AND ADMINISTRATIVE PROBLEMS OF INSURING APPROPRIATE RESIDENTIAL SERVICES IN THE PERRY AND CLINTON RESERVOIR AREAS ...Government - see Federal Gov.; Kansas; Reservoirs and Impoundments; Social Aspects; Taxes - State Or Local; Water Quality Control -general; ...2.1834

LEGAL ASPECTS OF WATER POLLUTION CONTROL THROUGH IMPLEMENTATION OF THE EFFLUENT CHARGE CONCEPT ...Effluents - Waste Water; Maine; State Government; Water Quality Control -general; Water Standards & Baselines; ...2.1838

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Administration and Management; Biological Water Properties; Chesapeake Bay; Information Systems; Management (water); Social Aspects; Soil Tillage; Systems Analysis - Water Mgmt; ...2.1840

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Community - Social Studies; Effluents - Waste Water; Optimization, Economic; Water Costs; Water Resources Planning; Water Standards & Baselines; Welfare Economics; ...2.1844

A SURVEY OF ATTITUDES TOWARDS THE MISSISSIPPI RIVER AS A TOTAL RESOURCE IN MINNESOTA ...Attitudes & Attitude Change; Mississippi River; Social Aspects; Water Quality Control -general; Water Standards & Baselines; ...2.1856

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Industrial Wastes; Irrigation; Sanitary Landfills; State Government; Water Quality -general; Water Rights; Water Utilization - domestic; ...2.1862

SOME LEGAL, SOCIAL AND ECONOMIC PROBLEMS OF GROUNDWATER POLLUTION ...Attitudes & Attitude Change; Sewage Treatment Plant; Water Costs; Water Quality Control - general; ...2.1910

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA ...Administrative Organizations; Federal Government; Law Enforcement; Local Government; Recreation, Water Resources; State Government; Water Conservation -general; Water Resources Planning; ...2.1915

WATER RESOURCES STUDY BY TEXAS WATER RESOURCES COMMITTEE ...Administrative Organizations; Finance -see Economics Entries; State Government; Water - Alternative Uses; ...2.1918

COMMITTEE FOR THE STUDY OF LAND USE AND ENVIRONMENTAL CONTROL ...Land Use; Legislation - Zoning; State Government; Texas; Water Quality Control -general; ...2.1919

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Generators; Harbors; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT - A CASE STUDY OF THE WISCONSIN RIVER BASIN ...Administrative Organizations; Management (water); Regional Or State Studies; River Basins; Water Quality -general; Water Resources Planning; Wisconsin; ...2.1932

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Coastlines - Shorelines; Economics of Natural Resources; Lake Superior; Recreation, Outdoor; Regional Economics; Solid Waste; Tectonics; Water Quality Control - general; ...2.1937

PUBLIC CONTROL OF JUNKYARDS FOR HIGHWAY BEAUTIFICATION ...Beautification; Disposal; Waste Type; ...3.0078

MEASUREMENT OF NOISE EMITTED BY MOTOR VEHICLES ...Automobile & Components; Noise; ...6.0050

A STUDY OF THE MAGNITUDE OF TRANSPORTATION NOISE GENERATION AND POTENTIAL ABATEMENT ...Noise; Noise Abatement; Traffic Engineering; ...6.0052

SURVEY OF EXISTING FEDERAL, STATE AND LOCAL NOISE CONTROL ORDINANCES ...Education -see Training; Electronic Control Systems; Noise; ...6.0076

SURVEY OF NOISE CONTROL EFFORTS OF FOREIGN COUNTRIES ...Electronic Control Systems: Signal Analysis; ...6.0088

Law Enforcement

DEVELOPMENT OF NUCLEAR ANALYTICAL TECHNIQUES FOR OIL SLICK IDENTIFICATION ...Activation Analysis; Atmospheric and Environmental; Marine and Hydrology; Oil; Petroleum Wastes - Spillage; ...2.0501

WATER QUALITY MANAGEMENT DECISIONS IN COLORADO ...Administrative Organizations; Colorado; Management (water); Water Pollutant Identification; Water Quality - general; Water Resources Planning; Water Standards & Baselines; ...2.0520

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF WATER QUALITY ...Aircraft Remote Sensing; Data Reduction and Analysis; Internal Reflection; Legislation - Zoning; Water Pollutant Identification; Water Resources Planning; Wisconsin; ...2.0857

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Colorado; Federal Government; Legal Studies; Management (water); State Government; Water Quality Control -general; ...2.0981

POLLUTION INVESTIGATIONS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Environmental Physiology; Fish; Water Pollution Sources; ...2.1625

ENVIRONMENTAL PLANNING ALONG MONTANA'S 'BLUE-RIBBON' TROUT STREAMS ...Land Use, Modification Effects; Legislation; Montana; Salmonidae; State Government; Water Resources Planning; Water Standards & Baselines; ...2.1863

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA ...Administrative Organizations; Federal Government; Local Government; Recreation, Water Resources; State Government; Water Conservation -general; Water Resources Planning; ...2.1915

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Cost-benefit Analysis; Land Use; Optimization, Economic; Recreation, Outdoor; Texas; User Characteristics -rec.; Water Resources Planning; Water Resources Protection; ...2.1920

Legal Review

SALINE WATER POLLUTION OF POTABLE WATER SUPPLIES THROUGH DEEP ARTESIAN WELLS ...Aquifers; Environmental Changes; Groundwater; Mans Pollutional Activities; Saline Water Intrusion; Water Wells; ...2.0107

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Economic Efficiency; Management (water); Model Studies; Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

A STUDY OF LEGAL AND ADMINISTRATIVE PRACTICES RELATING TO LAKE POLLUTION IN THE NORTHEAST ...Connecticut; Eutrophication; Federal Government; Legislation - Zoning; Northeast U. S.; State Government; ...2.1806

WATER RESOURCES MANAGEMENT IN DELAWARE ...Benefit-cost Analysis; Delaware; Government -see Federal Gov.; Management (water); Water Quality -general; Water Resources Planning; Water Supply -general; ...2.1808

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

ILLINOIS AND ITS INTERSTATE COMPACTS ...Administrative Organizations; Community Health Services; Illinois; Urban Environment; Urban Research -general; Water Resources Protection; ...2.1819

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Industrial Wastes; Irrigation; Legal Studies; Sanitary Landfills; State Government; Water Quality -general; Water Rights; Water Utilization -domestic; ...2.1862

A COMPENDIUM OF WATER LAW AND ECONOMICS IN NEW HAMPSHIRE ...Easements - Right of Ways; Economic Efficiency; Economic Impact; New Hampshire; Public Access; Water Quality -general; Water Transfer; ...2.1869

INSTITUTIONAL SEA GRANT SUPPORT ...Acipenseridae; Dredging; Estuaries; Marine Animals; North Carolina; Serranidae; Water Resources Development; ...2.1886

APPRAISAL OF WATER MANAGEMENT INSTITUTIONS - SURVEY OF OREGON WATER LAW ...Administrative Organizations; Northwest U. S.; Survey Studies (water); Water Standards & Baselines; ...2.1901

WATER RESOURCES STUDY BY TEXAS WATER RESOURCES COMMITTEE ...Administrative Organizations; Finance -see Economics Entries; Legal Studies; State Government; Water - Alternative Uses; ...2.1918

LAW AFFECTING INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Administrative Organizations; Riparian Rights; State Government; Water Pollution Abatement; Water Quality Control -general; Water Standards & Baselines; Wisconsin; ...2.1930

LEGAL ASPECTS OF WATER RIGHTS AND WATER QUALITY IN EASTERN STATES ...Appropriation; Eastern U. S.; Riparian Rights; Water Allocation; Water Quality -general; Wisconsin; ...2.1931

Legislation - Zoning

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF WATER QUALITY ...Aircraft Remote Sensing; Data Reduction and Analysis; Internal Reflection; Water Pollutant Identification; Water Resources Planning; Wisconsin; ...2.0857

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Combustion; Environment; Loss Damages - Recreation; Recreation, Water Resources; Ship Wastes; Waste Management -see Specific; Water Chemistry; Water Pollutant Identification; ...2.0906

COOLING TOWER STUDY ...Cooling Towers; Energy Conversion; Fog, Haze, Mist; Oxidation; Thermal Pollution; Weather Modification; ...2.1002

THERMAL AND CONVENTIONAL RIVER POLLUTION ...Atomic Plants; Chemical Water Properties; Effluents - Waste Water; Tennessee River; Water Quality Control -general; ...2.1472

MARKETS TO 1980 FOR WASTE WATER TREATMENT AND RENOVATION FACILITIES ...Chemical Treatment (water); Economic Impact; Forecasting - Prediction; Marketing; Waste Water Treatment -general; ...2.1795

A STUDY OF LEGAL AND ADMINISTRATIVE PRACTICES RELATING TO LAKE POLLUTION IN THE NORTHEAST ...Connecticut; Eutrophication; Federal Government; Legal Review; Northeast U. S.; State Government; ...2.1806

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Price &

Value -see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

ALLOCATION OF STREAM POLLUTION CARRYING CAPACITY ...Administrative Organizations; Benefit-cost Analysis; Model Studies; Social Aspects; Water Allocation; Water Pollution Abatement; ...2.1885

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Easements - Right of Ways; Land Use; Pennsylvania; Storm Water; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1906

WATER RESOURCES STUDY BY TEXAS WATER RESOURCES COMMITTEE ...Administrative Organizations; Finance -see Economics Entries; Legal Studies; State Government; Water - Alternative Uses; ...2.1918

COMMITTEE FOR THE STUDY OF LAND USE AND ENVIRONMENTAL CONTROL ...Land Use; Legal Studies; State Government; Texas; Water Quality Control -general; ...2.1919

Legislative Levels

Federal Government

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Colorado; Legal Studies; Management (water); State Government; Water Quality Control -general; ...2.0981

ENVIRONMENTAL EFFECTS OF COASTAL ZONE POWER GENERATION ...Animal Habitat Studies; Consultants, Advisory Services; Energy Conversion; Environmental Ecology; North Carolina; Power Development; ...2.1664

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Economic Efficiency; Legal Review; Management (water); Model Studies; Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

A STUDY OF LEGAL AND ADMINISTRATIVE PRACTICES RELATING TO LAKE POLLUTION IN THE NORTHEAST ...Connecticut; Eutrophication; Legal Review; Legislation - Zoning; Northeast U. S.; State Government; ...2.1806

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Florida; Legal Studies; Mississippi; Recreation, Water Resources; South Carolina; State Government; Water Pollution Sources; ...2.1815

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA ...Administrative Organizations; Law Enforcement; Local Government; Recreation, Water Resources; State Government; Water Conservation -general; Water Resources Planning; ...2.1915

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

International

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

Interstate

ILLINOIS AND ITS INTERSTATE COMPACTS ...Administrative Organizations; Community Health Services; Illinois; Legal Review; Urban Environment; Urban Research -general; Water Resources Protection; ...2.1819

STUDY OF INSTITUTIONAL ARRANGEMENTS FOR MANAGEMENT OF REGIONAL SEWERAGE PLANS FOR THE TOCKS ISLAND REGION OF THE DELAWARE ...Delaware River; Management (water); River Basins; Sewer Systems; State Government; Water Resources Planning; ...2.1884

Local Government

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Colorado; Federal Government; Legal Studies; Management (water); State Government; Water Quality Control -general; ...2.0981

ARMOUR INDUSTRIAL CHEMICAL SECONDARY WASTE-WATER TREATMENT ...Aerobic Waste Water Treatment; Chemical Industry; Chemical Oxygen Demand; Food Processing Industries; Pilot Plants; Water Pollution -see Specifics; ...2.1243

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA ...Administrative Organizations; Federal Government; Law Enforcement; Recreation, Water Resources; State Government; Water Conservation -general; Water Resources Planning; ...2.1915

State Government

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Colorado; Federal Government; Legal Studies; Management (water); Water Quality Control -general; ...2.0981

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Fish; Induced Temperature; Oxygen Content (water); Plankton; Temperature (water); Turbidity (water); Turbines; ...2.1552

ENVIRONMENTAL EFFECTS OF COASTAL ZONE POWER GENERATION ...Animal Habitat Studies; Consultants, Advisory Services; Energy Conversion; Environmental Ecology; Federal Government; North Carolina; Power Development; ...2.1664

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Economic Efficiency; Legal Review; Management (water); Model Studies; Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

A STUDY OF LEGAL AND ADMINISTRATIVE PRACTICES RELATING TO LAKE POLLUTION IN THE NORTHEAST ...Connecticut; Eutrophication; Federal Government; Legal Review; Legislation - Zoning; Northeast U. S.; ...2.1806

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Florida; Legal Studies; Mississippi; Recreation, Water Resources; South Carolina; Water Pollution Sources; ...2.1815

LEGAL ASPECTS OF WATER POLLUTION CONTROL THROUGH IMPLEMENTATION OF THE EFFLUENT CHARGE CONCEPT ...Effluents - Waste Water; Legal Studies; Maine; Water Quality Control -general; Water Standards & Baselines; ...2.1838

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Industrial Wastes; Irrigation; Legal Studies; Sanitary Landfills; Water Quality -general; Water Rights; Water Utilization -domestic; ...2.1862

ENVIRONMENTAL PLANNING ALONG MONTANA'S 'BLUE-RIBBON' TROUT STREAMS ...Land Use, Modification Effects; Law Enforcement; Legislation; Montana; Salmonidae; Water Resources Planning; Water Standards & Baselines; ...2.1863

STUDY OF INSTITUTIONAL ARRANGEMENTS FOR MANAGEMENT OF REGIONAL SEWERAGE PLANS FOR THE TOCKS ISLAND REGION OF THE DELAWARE ...Delaware River; Interstate; Management (water); River Basins; Sewer Systems; Water Resources Planning; ...2.1884

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA ...Administrative Organizations; Federal Government; Law Enforcement; Local Government; Recreation, Water Resources; Water Conservation -general; Water Resources Planning; ...2.1915

WATER RESOURCES STUDY BY TEXAS WATER RESOURCES COMMITTEE ...Administrative Organizations; Finance -see Economics Entries; Legal Studies; Water - Alternative Uses; ...2.1918

COMMITTEE FOR THE STUDY OF LAND USE AND ENVIRONMENTAL CONTROL ...Land Use; Legal Studies; Legislation - Zoning; Texas; Water Quality Control -general; ...2.1919

ANALYSIS OF WATER RESOURCES ADMINISTRATIVE AGENCIES ...Administration and- Management; Management (water); Recreation, Water Resources; Types of Resources; Water Quality -general; Water Resources Planning; ...2.1926

LAW AFFECTING INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Administrative Organizations; Legal Review; Riparian Rights; Water Pollution Abatement; Water Quality Control -general; Water Standards & Baselines; Wisconsin; ...2.1930

LEGAL ASPECTS OF WATER RIGHTS AND WATER QUALITY IN EASTERN STATES ...Appropriation; Eastern U. S.; Legal Review; Riparian Rights; Water Allocation; Water Quality - general; Wisconsin; ...2.1931

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife - nonspecific; ...2.1940

Pollution Taxes

AN ECONOMIC STUDY OF MUNICIPAL SURCHARGES ON INDUSTRIAL WASTES ...Budgeting Analysis; Disposal Wastes; Industry; Regression Analysis; Social Aspects; Urban Environment; Waste Treatment; ...2.1359

Public Access

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

A COMPENDIUM OF WATER LAW AND ECONOMICS IN NEW HAMPSHIRE ...Easements - Right of Ways; Economic Efficiency; Economic Impact; Legal Review; New Hampshire; Water Quality -general; Water Transfer; ...2.1869

Water Rights

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; ...2.1813

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Industrial Wastes; Irrigation; Legal Studies; Sanitary Landfills; State Government; Water Quality -general; Water Utilization -domestic; ...2.1862

APPRAISAL OF WATER MANAGEMENT INSTITUTIONS - SURVEY OF OREGON WATER LAW ...Administrative Organizations; Legal Review; Northwest U. S.; Survey Studies (water); Water Standards & Baselines; ...2.1901

LEGAL ASPECTS OF WATER RIGHTS AND WATER QUALITY IN EASTERN STATES ...Appropriation; Eastern U. S.; Legal Review; Riparian Rights; Water Allocation; Water Quality - general; Wisconsin; ...2.1931

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Utilization -general; ...2.1936

Appropriation

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Eastern U. S.; Government -see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

LEGAL ASPECTS OF WATER RIGHTS AND WATER QUALITY IN EASTERN STATES ...Eastern U. S.; Legal Review; Riparian Rights; Water Allocation; Water Quality -general; Wisconsin; ...2.1931

Conflicts

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Ecological Effects; Electric Power Plants; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...2.1755

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Florida; Legal Studies; Mississippi; Recreation, Water Resources; South Carolina; State Government; Water Pollution Sources; ...2.1815

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Effluents - Waste Water; Industrial Wastes; Irrigation; Legal Studies; Sanitary Landfills; State Government; Water Quality -general; Water Rights; Water Utilization - domestic; ...2.1862

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Recreation, Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization -domestic; ...2.1881

Contracts - Permits

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

Easements - Right of Ways

A COMPENDIUM OF WATER LAW AND ECONOMICS IN NEW HAMPSHIRE ...Economic Efficiency; Economic Impact; Legal Review; New Hampshire; Public Access; Water Quality - general; Water Transfer; ...2.1869

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Consumption; Development of Models; Floods; Land Use; Mathematical Models; Recreation, Water Resources; Statistical Models; Urban Research; ...2.1904

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Land Use; Pennsylvania; Storm Water; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1906

Equity

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

Riparian Rights

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Water Depth, Water Levels; Water Quality Control - general; Water Rights; ...2.1813

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Expenditures; Finance -see Economics Entries; Lakes; Massachusetts; Model Studies; Water Pollution Abatement; Water Resources Planning; ...2.1843

LAW AFFECTING INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Administrative Organizations; Legal Review; State Government; Water Pollution Abatement; Water Quality Control -general; Water Standards & Baselines; Wisconsin; ...2.1930

LEGAL ASPECTS OF WATER RIGHTS AND WATER QUALITY IN EASTERN STATES ...Appropriation; Eastern U. S.; Legal Review; Water Allocation; Water Quality -general; Wisconsin; ...2.1931

ANALYSIS OF POLICY ISSUES POSED BY WATER AND RELATED LAND RESOURCES PROGRAMS IN THE METROPOLITAN REGION ...Benefit-cost Analysis; Economic Impact; Land Use; Water Quality -general; ...2.1934

Lichenes

THE ULTRASTRUCTURE OF NORTH AMERICAN HEPIACEAE ...Air Pollution -see Specifics; Algae -nonspecific; Bioindicators; Evolution; Fungi -nonspecific; Symbiosis - Plants; ...1.0359

THE EFFECTS OF ATMOSPHERIC POLLUTION ON EPIPHYTES ...Air Pollution Monitoring; Bryophyta; Idaho; Iron & Steel Industry; Montana; Pseudotsuga; Range Or Territorial Distr.; ...1.0421

FATE AND EFFECTS OF RADIONUCLIDES IN ALASKA ...Alaska; Cesium; Radiation Effects - Biological; Radiologic Health; Strontium; ...5.0736

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Cobalt; Europium; Radiation Resistance -animals; Radiologic Health; Ruthenium; Stibium; Zirconium; ...5.0742

Light Scattering Analysis

MULTIPLE LIGHT SCATTERING OF POLLUTED ATMOSPHERES ...Adsorption; Aerosols; Air Pollution-chemistry, Colloidal Phenomena; ...1.0381

MEASUREMENTS FOR AIR QUALITY ...Aerosols; Air Pollution Analysis; Air Pollution-chemistry; Chemical Composition; Gases; Particulates - Air Pollution; Raman Spectroscopy; ...1.0687

MEASUREMENT OF VISIBILITY REDUCTION BY PARTICULATES BASED ON OPTICAL PROPERTIES OF URBAN PARTICULATES (ABBREV) ...Air Pollution Analysis; Air Pollution-chemistry; Particle Separators; Particulates - Air Pollution; Urban Research -general; ...1.0765

PHOTOCHEMICAL REACTIONS IN A FLOW REACTOR ...Aerosols; Flow Reactor; Infrared Spectroscopy Light-catalyzed; Photochemical Reactions; ...1.0871

PHYSICAL CHEMISTRY OF AEROSOLS ...Aerosols; Particulates - Air Pollution; Refractometry; ...1.0883

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ...Chelation & Complexing; Colloidal Phenomena; Filtration; Fluid Mechanics; Mathematical Models; New England Province; Rhode Island; Sedimentation; ...2.1411

RADIOLYSIS OF HETEROGENEOUS SYSTEMS ...Adsorption; Chemical Mechanisms & Kinetics; Colloidal Phenomena; Conductrometry; Radiation; Radiochemical Analysis; Spectrographic Techniques; ...5.0259

Lime Treatment

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Model Studies; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0142

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

AN EVALUATION OF THE PRODUCTIVITY CHANGES ASSOCIATED WITH LIMING OF SHERWOOD LAKE, WEST VIRGINIA ...Animal Productivity; Fish; Mineralogical Water Properties; Population Dynamics -general; West Virginia; ...2.0410

MINERALIZATION OF ORGANIC PHOSPHORUS IN OLIGOTROPHIC LAKE SEDIMENTS ...Aluminum; Catalysts; Chemical Water Properties; Hydrolysis, Esterification; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; ...2.0692

TREATMENT OF WATER-PLANT SLUDGES ...Bench Scale; Coagulation; Crystallization; Dewatering; Filtration; ...2.0870

FLOC STRENGTH AND FILTERABILITY OF PRE-TREATED WATER ...Alum Waste Water Treatment Coagulation; Flocculation; Pilot Plants; Rapid Filters; Sand Filters; ...2.0874

FORMATION OF DENSE SETTLED SLUDGE BY LIME - TREATMENT OF SYNTHETIC ACID MINE DRAINAGE ...Acid Mine Drainage; Acid Mine Wastes; Neutralization; Oxidation; Waste Water Treatment -general; ...2.0934

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Aquatic Ecology - Animal; Chemical Water Properties; Ictalurus Punctatus; Lakes; Neutralization; Population Dynamics -general; Stocking of Fish & Shellfish; ...2.1027

NEUTRALIZATION EXPERIMENTS ...Acidity (water), Aquatic Ecology - Animal; Fish; New Jersey; Recreation, Water Resources; ...2.1060

COLD WATER STUDIES - WALLUM LAKE ...Acidity (water); Bottom Sampling; Data Reduction and Analysis; Lakes; Neutralization; Rhode Island; ...2.1095

LIMESTONE DRUM PRODUCTIVITY STUDY – POPULATION STUDY ...Acidity (water); Chemical Measurements (water); Contamination - Water; Environmental Ecology; Limestone-general; Population Dynamics -general; Spawn Or Nesting Sites; Stocking of Fish & Shellfish; ...2.1131

LIMESTONE DRUM PRODUCTIVITY STUDY-LIMNOLOGICAL STUDY ...Acidity (water); Benthic Fauna; Lakes; Limestone-general; Salmonidae; ...2.1132

WATER AND WASTE WATER PURIFICATION ...Australia; Demineralization; Desalination; Ion Exchange; Pilot Plant Design; Waste Water Treatment -general; ...2.1161

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials; Coatings -see Materials; Dewatering; Effluents - Waste Water; Industrial Wastes; Metal Processing Wastes; Pilot Plants; Sludge; Waste Treatment Economics; ...2.1208

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Alum Waste Water Treatment; Chlorination; Disinfection; Electrical Phenomena; Fluid Mechanics; Pilot Plants; Tertiary Treatment; Waste Water Treatment -general; ...2.1221

USE OF LIME-SODA ASH SLUDGE FOR THE TREATMENT OF MUNICIPAL WASTEWATER ...Disposal; Sewage - Domestic; Waste Treatment Economics; Water Pollution Sources; ...2.1275

PILOT PLANT DEMONSTRATION OF A LIME-BIOLOGICAL TREATMENT PHOSPHORUS REMOVAL SYSTEM ...Activated Sludge; Coagulation; Pilot Plants; Process Design; Sewage - Domestic; Waste Treatment Economics; Waste Water Treatment -general; ...2.1279

LIME-LIMESTONE NEUTRALIZATION OF ACID MINE DRAINAGE ...Acid Mine Wastes; Acidity (water); Coal; Drainage; Illinois; Limestone-general; Neutralization; ...2.1329

COLOR AND MINERAL REMOVAL FROM KRAFT BLEACH WASTES ...Color (water); Demineralization; Pulp and Paper Wastes; Waste Treatment Economics; ...2.1330

LIME SLUDGE RECOVERY AND REUSE ...Sludge; Tertiary Treatment; Turbidity; Waste Material Recovery; ...2.1370

STUDY OF UTILIZATION AND DISPOSAL OF LIME SLUDGES CONTAINING PHOSPHATES ...Disposal; Product Development Research; Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general; ...2.1379

SINGLE STAGE LIME TREATMENT OF WASTEWATER ...Demineralization; Flocculation; Tertiary Treatment; Turbidity; Waste Water Treatment -general; ...2.1381

DEVELOPMENT AND OPTIMIZATION OF THE LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Drainage; Acid Mine Wastes; Drainage; Limestone-general; Optimization, Economic; Process Design; Waste Treatment Economics; ...2.1394

THE THICKENING AND DEWATERING OF PRECIPITATES FROM THE LIME/LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Wastes; Centrifugation; Disinfection; Filtration; Thickening; ...2.1453

DEVELOPMENT OF A MATHEMATICAL MODEL FOR SEPARATION, COAGULATION AND SEDIMENTATION PROCESS USING ADDITION OF CHEMICALS ...Alum Waste Water Treatment; Coagulation; Effluent-standards; Model Studies; Process Design; Sedimentation; Waste Treatment Economics; ...3.0124

CHEMICAL-PHYSICAL WASTE TREATMENT PLANT DEMONSTRATION ...Carbon Filters; Hydrolysis, Esterification; Phosphorus and Phosphorus Cpds; Virus; Water Reuse; ...3.0227

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Animal Wastes - Feed Lots; Denitrification; Soil Microbiology; ...3.0237

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

Linings - Pavings

GRAND VALLEY SALINITY CONTROL ...Canals; Colorado River; Salinity (water); Water Quality Control -general; ...2.0983

PREVENTING LANDFILL LEACHATE CONTAMINATION OF WATER ...Leaching; Rain Amount; Sanitary Landfills; Sealants - see Coatings; Temperature; Water Table; ...2.1282

DEVELOPMENT AND DEMONSTRATION OF MATERIALS TO REDUCE OR ELIMINATE WATER INFILTRATION INTO

SEWERAGE ...Costs -see Economics Entries; Groundwater Movement; Infiltration; Materials -properties; Sanitary Sewage Quantity; Waste Dilution- Self Purifying; ...2.1433

RESEARCH AND REFERENCE TO SEWAGE EFFLUENT PONDS ...Activated Sludge; Biochemical Oxygen Demand; Pond; Waste Water Treatment -general; ...2.1457

FEED AND WASTE HANDLING IN THE DAIRY OPERATION ...Animal Wastes - Feed Lots; Sprinkler Irrigation; Waste Disposal on Soils; Water Movement -general; ...3.0295

GROSS EFFECTS OF HEXADECANOL AND PLASTIC SHEET BOTTOMS ON AQUATIC LIFE IN PONDS ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Physical Water Properties; Ponds; Water Quality -general; ...4.0054

Literature Search

USSR LITERATURE ON AIR POLLUTION AND RELATED DISEASES ...Air Pollution -see Specifics; Air Pollution Effects; Environmental Effects - Human; Plant Habitat Studies; ...1.0211

LITERATURE REVIEW ON THE EFFECT OF AIR POLLUTANTS ON LIVESTOCK AND POULTRY ...Air Pollution -see Specifics; Arsenic; Environment Resistance-animals; Fluorine; Poultry -nonspecific; Sus; ...1.0352

A SURVEY OF THE PROCEDURES FOR EVALUATING HEALTH COSTS DUE TO AIR POLLUTION ...Air Pollution - see Specifics; Medical Economics & Cost; Respiratory Disease; Welfare Economics; ...1.0461

FOSSIL FUEL COST AVAILABILITY MODELS ...Coal Research, Marketing; Sulfur Dioxide Removal; ...1.0472

BASE STUDY OF THE STATUS OF ECOLOGICAL RESEARCH ...Air Pollution -see Specifics; Air Pollution Effects, Balance of Nature - Plants; Environmental Ecology; Plant Ecology -nonspecific; Pollution Effects -see Water; ...1.0498

SURVEY FUEL ADDITIVE INFORMATION NEEDS AND IMPROVE RETRIEVAL OF DATA ...Air Pollution-chemistry; Data & Statistics Info Storage, Data Reduction and Analysis; Fuels; Information Systems; ...1.0514

PARTICULATE CONTROL STUDIES ...Adsorption; Air Pollution Monitoring; Particulates - Air Pollution; Scrubbers, Sulfur Dioxide Removal, ...1.0604

MEASUREMENT TECHNIQUES FOR PRE-ALLERGENS ...Air Pollution -see Specifics; Aldehydes -nonspecific; Dust; ...1.0791

STATISTICAL METHODS IN AEROSOL STUDIES ...Aerosols, Air Pollution Analysis, Air Pollution-chemistry, Coalescence; Stochastic Processes; ...1.0878

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

INVESTIGATION OF THE EUTROPHICATION PROCESS OF LAKE MCCONAUGHY, WESTERN NEBRASKA ...Eutrophication; Lakes, Nebraska; Nutrients; Survey Studies (water); Water Properties -general; ...2.0236

KINETICS OF MICROBIOLOGICALLY MEDIATED TRANSFORMATIONS OF HEAVY METALS IN AQUATIC ENVIRONMENTS ...Acidity (water); Estuaries; Lakes; Mathematical Models; Mercury; Zinc; ...2.0261

EUTROPHICATION - BIOLOGICAL CONTROL USING GRAZERS ...Algae -nonspecific; Biological Control; Cultural Control; Eutrophication; Plant Pollutants; Water Quality Control - general; ...2.0333

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Chlorine; Fish; Rock - Soil Pollution; Soil Chemical Properties; Soil Saline Properties; Virginia; Water Supply Facilities; ...2.0408

GROUND WATER POLLUTION FROM SANITARY LANDFILLS AND REFUSE DUMP GROUNDS - A CRITICAL LITURATURE REVIEW ...Groundwater; Sanitary Landfills; Wisconsin; ...2.0456

THE ECOLOGY OF DRAKE'S CREEK, KENTUCKY ...Aquatic Ecology - Animal; Kentucky; Management (water); Survey Studies (water); Water Standards & Baselines; ...2.0596

DIATOMS IN LAKES AND LAKE SEDIMENTS AS AN INDEX TO ENVIRONMENT ...Aquatic Soils; Core Analysis; Lake Deposits; Paleontology; Pollens -see Air Pollution; Water Standards & Baselines; ...2.0647

A PROPOSAL TO DEVELOP A PLAN FOR THE CONSTRUCTION AND TESTING OF WATER POLLUTION FORECASTING MODELS ...Forecasting - Prediction; Mathematical Models; Water Costs; Water Quality Control -general; Water Supply - general; ...2.0660

FLORISTIC AND FAUNISTIC SURVEY IN THE CUYAHOGA RIVER WATERSHED ...Algae -nonspecific; Aquatic Ecology - Animal; Fish; Ohio; Plant Freshwater Ecology; River Basins; ...2.0732

A COMPARISON OF TOTAL COLIFORM AND FECAL COLIFORM COUNTS IN STREAM POLLUTION SURVEYS ...Bacterial Identification; Coliforms -nonspecific; Survey Studies (water); Water Pollutant Identification; ...2.0855

DILUTE SOLUTION REACTIONS OF NITRATE ION AS APPLIED TO WATER RECLAMATION ...Degradation, Denitrification -see Nitrogen; Reduction Reactions; ...2.0876

BIBLIOGRAPHY ON FLUORIDATION OF PUBLIC WATER SUPPLIES ...Abstracts; Bibliography; Environmental Effects - Human; Fluoridation; Fluorine; Potable Water; ...2.0932

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Leaching; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Filters; Soil Organic Content; Soil Texture; Waste Disposal on Soils; ...2.0988

FEASIBILITY OF SUBSURFACE LIQUID-WASTE DISPOSAL IN PENNSYLVANIA ...Environment; Fluid Dynamics - Migration; Geology -general; Pennsylvania; Waste Disposal, Underground; ...2.1248

EVALUATION OF CURRENT TECHNIQUES OF NUTRIENT REMOVAL FROM WASTE WATERS ...Biological Treatment-general; Chemical Treatment -general; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Waste Treatment Economics; ...2.1318

A STUDY OF NATIONAL POLICY ALTERNATIVES FOR URBAN WATER MANAGEMENT ...Benefit-cost Analysis; Management (water); Urban Environment; Waste Disposal-see Solid Waste; Water Costs; Water Resources Planning; ...2.1438

ADVANCED WASTE TREATMENT FOR WATER REUSE - STATE OF THE ART ...Waste Water Treatment -general; Water Reuse; ...2.1439

BIOLOGICALLY ALLOWABLE THERMAL POLLUTION LIMITS - A PHYSICO-CHEMICAL APPROACH ...Environmental Ecology; Temperature (water), Thermal Pollution; ...2.1529

A SURVEY OF THE VERTEBRATES OF THE PEARL RIVER RESERVOIR ...Aquatic Ecology - Animal; Contamination - Water, Mississippi; Population Dynamics -general; Reservoirs and Impoundments; Vertebrates -nonspecific; ...2.1609

A SYSTEMS APPROACH FOR THE STUDY AND CONTROL OF FACTORS AFFECTING WATER POLLUTION ...Model Studies; Optimization, Economic; River Basins; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Pollution Sources; Water Quality Control -general; ...2.1610

LITERATURE RESEARCH ON WATER QUALITY REQUIREMENTS AND TOXICOLOGY OF FISHES ...Contamination - Water; Fish; Marine Animals; Russia; Water Quality -general; ...2.1679

ENVIRONMENTAL QUALITY STUDY PROJECT - THERMAL DISCHARGES AND EFFECTS STUDIES ...Electric Power Plants; Inlets; Outlets, Thermal Pollution; Water Resources Planning; ...2.1723

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Contamination - Soil; Mans Pollutional Activities; Plant Growth; Sandy Soils -see Soil Type; Soils; Water Supply -general; ...2.1742

PLANNING AND SPECIAL STUDIES ...Aeration (water); Meetings; Nitrogen and Nitrogen Cpds.; Toxic Minerals; Water Quality -general; Water Resources Planning; ...2.1802

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Economic Efficiency; Legal Review; Management (water); Model Studies; Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

COST-REDUCING TECHNIQUES OF WASTE DISPOSAL AND OPTIMUM USE OF WATER RESOURCES ...Canning Wastes - see Food Proc.; Food Processing Industries; Industrial Wastes; Optimization, Economic; Waste Treatment; Waste Water Treatment -general; Water Quality Control -general; ...2.1890

STUDY OF THE APPLICABILITY OF EFFLUENT CHARGES TO WATER QUALITY MANAGEMENT IN THE STATE OF WISCONSIN ...Economic Impact; Water Costs; Water Resources Planning; Wisconsin; ...2.1935

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES ...Anthracite; Contamination; Industrial Wastes; Infiltration; Leaching, Mine Wastes; Percolation (water); Site -see Waste Disposal; ...3.0032

IDENTIFICATION OF LIMITING FACTORS IN THE BIOLOGICAL TREATMENT OF SEWAGE ...Activated; Kinetics; Model Studies; Pilot Plants; Sewage Bacteria; ...3.0102

ENGINEERING SYNTHESIS OF EFFICIENT, ECONOMICAL DAIRY PRODUCTION SYSTEMS ...Bos; Costs -see Economics Entries; Farm Animal Wastes; Farm Structures & Design; Mathematical Models; ...3.0268

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

PRELIMINARY EXPLORATORY CITRUS RESEARCH AT CITRUS EXPERIMENT STATION ...Aliphatic Carbamates; Fruit, Nut, and Berry Crops; Pesticide Formulation; Pesticide Residues; Soil Depth; ...4.0096

ARIZONA COMMUNITY STUDIES PESTICIDE PROJECT ...Consumer Attitudes- Pesticides; DDT; Pesticide Action on Animals; Pesticide Toxicity in Humans; Preventative Measures; ...4.0536

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; DDT; Difolatan; Laboratory Animals; Methoxychlor; Muridae; Pesticide Persistance in Soils; Phaltan; ...4.0556

LITERATURE SEARCH FOR BIOLOGICALLY ACTIVE COMPOUNDS ...Abstracts; Animal Pharmacology; Pesticide Toxicity - general; Pesticides -nonspecific; ...4.0578

CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PESTICIDE MANUFACTURING WASTES ...Bibliography; Canada; Contamination - Water; Pesticide Industry; Pesticides; Pesticides -see Pesticide; ...4.0986

ECONOMICS OF PERSISTENT INSECTICIDE RESIDUES ...Degradation; Environment Accumulation Rates; Ericaceae; Methyl Parathion; Pesticide Residues; Phenols; ...4.1050

DEVELOPMENT OF ANALYTICAL METHODS FOR SELECTED HERBICIDES ...Chemical Analysis; Chemical Analysis (water); Gas Chromatography; Handbooks; Herbicides -nonspecific; Pesticides -see Pesticide; Radioisotopes -nonspecific; ...4.1060

RESEARCH ON FAULTS AND FAULT ACTIVITY FOR LAND-USE PLANNING ...Environmental Geology; Environmental Hazards; Faults - Geology; Nuclear Reactors; Planning, Transportation Management; ...5.0015

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americum; Atomic Plants; Environment; Krypton; Mammals - nonspecific; Radioactive Pollution -ns; River Basins; Water Pollutants - Path of; ...5.0073

THE BIOLOGICAL EFFECTS OF LOW DOSAGE RADIATION ...Air Pollution -see Specifics; Human Developmental Biology; Radiation Carcinogenesis; Radiation, Low Level; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0143

THE NATURE OF RADIATION SENSITIVITY IN PINES ...Pinus - nonspecific; Plants; Radiation Effects -see Rad ; Radioactive Fallout-cf Fallout, X and Gamma Rays; ...5.0547

THE CYCLING OF MICRONUTRIENTS IN GEOCHEMICAL AND BIOLOGICAL SYSTEMS ...Absorption (incl. Adsorption); Medicago; Mineralogical Water Properties; Soil Chemical Properties; Translocation; Zinc; ...5.0868

STUDY OF NOISE MEASUREMENT AND CRITERIA, THE EFFECT OF NOISE ON PROPERTY, AND THE SOCIAL AND ECONOMIC IMPACT OF NOISE ...Noise; ...6.0078

LITERATURE SEARCH TO DETERMINE THE EFFECTS OF NOISE ON WILDLIFE ...Noise; Wildlife -nonspecific; ...6.0112

Livestock Industries

Beef Industry

ECONOMIC IMPACTS OF WATER POLLUTION CONTROL PROGRAMS ON CATTLE FEEDLOTS ...Agricultural Watersheds; Bos; Water Pollution Abatement; Water Resources Planning; ...2.1864

EVALUATION OF BEEF FEEDLOT WASTE MANAGEMENT ALTERNATIVES ...Agricultural Runoff; Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; ...3.0272

Dairy Industry

ECONOMICS OF GRADE A DAIRYING ...Agricultural Economics; Bos; Costs -see Economics Entries; Farm Animal Wastes; Optimization - Feasibility; ...3.0057

LIFE CYCLE DAIRY HOUSING, MANAGEMENT AND BEHAVIOR ...Animal Wastes - Feed Lots; Behavior -vertebrate; Bos; Computer Methods -general; Farm Animal Wastes; Iodides; Sewage Lagoons; ...3.0138

LABOR EFFICIENCY AS AFFECTED BY DAIRY HOUSING FACILITIES ...Agricultural Economics; Costs -see Economics Entries; Farm Animal Wastes; Farm Structures & Design; Labor Input; ...3.0187

Swine Industry

SYSTEM OF SWINE PRODUCTION DESIGNED TO IMPROVE COMPETITIVE POSITION ...Farm Animal Wastes; Farm Structures & Design; Humidity; Sus; Wind -see Air Motion; ...3.0303

Loam -see Soil Types

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

YIELD OF NUTRIENTS FROM AGRICULTURAL LAND TO WATER SOURCES ...Chemical Analysis (water); Fertilizers; Sandy Soils -see Soil Type; Silty Soils; Soil Depth; Soil Types -also See Specifics; ...2.0353

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Bos; Chlorine; Contamination Soil; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Soil Moisture; Zea Mays - Field Corn; ...3.0097

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Clay Soils; Farm Animal Wastes; Irrigation; Livestock -nonspecific; Poultry -nonspecific; Silty Soils; Soil Types -also See Specifics; Waste Disposal on Soils; Zea Mays - Field Corn; ...3.0147

CROP RESIDUE DISPOSAL ...Gossypium; Plant Residues, Humus, Compost; Plant Waste Removal, Treatment; Planting Methods; Sandy Soils -see Soil Type; Soil Depth; Soil Types -also See Specifics; ...3.0199

DEVELOPMENT OF EQUIPMENT AND TECHNIQUES FOR CROP RESIDUES ...Gossypium; Plant Residues, Humus, Compost; Population Dynamics -general; Soil Moisture; Soil Tillage; Waste Disposal on Soils; ...3.0201

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0223

INFLUENCE OF SELECTED HERBICIDES ON THE NATURAL PROCESSES OF SOIL MICROORGANISMS ...Atrazine; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil Microbiology; ...4.0080

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Pesticide Persistance in Soils; Silty Soils; Soil Moisture; Soil Temp. -non-specific; ...4.0084

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humidity; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0088

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENG'.AND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Handling & Application; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

NEMATOCIDES AND POTENTIAL NEMATOCIDAL CHEMICALS RESIDUES IN PLANTS AND DIFFUSION IN SOIL ...Aliphatic Carbamates; Dichloropropene; Nemagon; Nematoda; Pesticide Persistance in Soils; ...4.0145

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types - also See Specifics; Zineb; ...4.0169

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Gossypium; Metabolites From Pesticides; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Piedmont Province; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0174

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Climates -general; Flood Irrigation; Pesticide Persistance in Soils; Pesticide Residues; Sandy Soils -see Soil Type; Sprinkler Irrigation; Urea Cpds. -nonspecific; ...4.0484

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Atrazine; Bioassay; Environment Accumulation Rates; Pesticide Interaction With Env; Pesticide Persistance in Soils; Prometryne; Soil Types -also See Specifics; ...4.1035

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC. IN SOILS ...Antibiotics -nonspecific; Benzoic Acid Cpds.; Herbicides -nonspecific; Microorganisms -nonspecific; Nitrosomonas -nonspecific; Pesticide Persistance in Soils; Plant Residues, Humus, Compost; Soil Microbiology; ...4.1051

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides - see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

Loess -see Soil Types

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

Long Island Sound

EUTROPHICATION TIDAL WATERS ...Algal Physiology; Brackish Water; Estuaries; Marine Plants; New York; Optical Properties of Water; Tidewater Areas; ...2.0262

ENTEROVIRUSES IN DEPURATED HARD CLAMS, 'MERCENARIA MERCENARIA' ...Antibiotics -nonspecific; Bacteria - nonspecific; Bacterial Population Surveys; Clams; Contamination - Water; Shellfish Depuration; Viruses - Animal; ...2.0696

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Benthic Organisms -nonspecific; Disposal; Harbors; Industrial Wastes; Marine Biology - General; Marine Pollution; Ocean Dumping; Sea Water Properties; Solid Waste; ...2.1353

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bays; Ecological Effects; Energy Conversion; Invertebrate Physiology; Mollusca; Population Dynamics -general; Temperature (water); Zooplankton; ...2.1638

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries; General Recreation Studies; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Resources Planning; ...2.1880

Losses Or Benefits From . . .

Losses Due to Pollution

RESPONSE OF SELECTED FIELD PLANTS TO AMBIENT POLLUTANTS IN WASHINGTON, D.C. ...Air Pollution -see Specifics; Air Pollution Effects; Bioindicators; District of Columbia; Growth; Ornamentals; Urban Research -general; ...1.0397

PLANT AIR POLLUTION STUDIES ON LOSSES, EFFECTS, AND CONTROL AND TECHNICAL ASSISTANCE ON PROBLEMS ...Air Pollution -see Specifics; Moisture Deficiency; Pinus Strobus; Soil Chemical Properties; Temperature - Air; ...1.0408

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Agricultural Economics; Air Pollution-chemistry; Forest Environment -general; Land Use; Recreation, Water Resources; Remote Sensing; Smog; Value; ...1.0456

Losses Due to Weeds

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; Setaria; ...4.0304

Louisiana

SELENIUM AND ITS SIGNIFICANCE AS AN AIR POLLUTANT ...Adsorption, Catalysts; Combustion; Disposal; Fuels; Solid Waste; Trace Elements; ...1.0057

THE COLIFORM BACTERIA, PLANKTON, & RELATED PHYSICO-CHEMICAL FACTORS IN LAKE PONTCHARTRAIN AT NEW ORLEANS, LA ...Acidity (water); Bottom Sampling; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Sediments; Water; ...2.0164

THE IMPACT OF MICROORGANISMS ON OIL ...Bacterial Ecology, Biological Effects; Degradation -see Pesticide Deg; Food Contamination; Ostreidae (oyster); Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0603

SEDIMENTOLOGY OF LOUISIANA'S ESTUARIES ...Aquatic Soils; Chemical Properties; Drilling and Coring; Nitrogen and Nitrogen Cpds.; Sedimentation, Size; ...2.0604

DISPOSAL OF PAPER MILL EFFLUENT THROUGH IRRIGATION OF BOTTOMLAND HARDWOOD UNDER LOUISIANA CONDITIONS ...Disposal Wastes; Forest Environment -general; Industrial Wastes; Irrigation; Pulp and Paper Wastes; Waste Disposal on Soils; Water Quality Control -general; ...2.0605

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Florida; Legal Studies; Mississippi; Recreation, Water Resources; South Carolina; State Government; Water Pollution Sources; ...2.1815

LAGOONS FOR DISPOSAL OF BARN YARD WASTES ...Aeration (water), Bos; Effluents - Waste Water; Farm Animal Wastes; Lagoon; Microorganisms -nonspecific; Sewage Lagoons; Taste & Odor of Water; ...3.0152

BEDDING AND INFILTRATION STUDIES OF SANITARY SEWERS IN THE GULF COAST AREA ...Sanitary Sewage Quantity, Sewer Systems; ...3.0154

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Agricultural Runoff; Degradation -see Pesticide Deg; Drainage; Endrin; Floods; Pesticide Residues; Saccharum; Water Pollutants - Path of; Water Table - Depth of; ...4.0115

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

Lumbering -general

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Agricultural Economics; Alaska; Cost-benefit Analysis; Equipment & Machinery; Forest Fires -see Fire; Helicopters; Recreation, Outdoor; Types of Resources; ...1.0656

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

STUDIES ON EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Chemical Water Properties; Forest Cutting Operations; Forest Watersheds; Optical Properties of Water; Periphyton; Primary Productivity - Plants; Suspension; ...2.0321

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

INFLUENCE OF LOG RAFTING ON WATER QUALITY ...Degradation -see Pesticide Deg; Forest Debris; Fresh Water; Northwest U. S.; Pulp and Paper Wastes; ...2.0327

EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Forecasting - Prediction; Forest Debris; Roads & Highways -see Highways; Sediments; Solar Radiation -sunshine; ...2.0746

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Location; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Core Analysis; Fish and Shellfish; Pulp and Paper Wastes; Sedimentation; Temperature (water); Water Pollution Effects; ...2.1496

EFFECTS OF ALTERNATE BLOCK CUTTING ON STREAMBED SEDIMENTATION & WATER TEMPERATURES IN BUMMER LAKE CREEK, DEL NORTE COUNTY, CALIFORNIA ...Animal Habitat Studies; California; Fish and Shellfish; Forest Watersheds; Salmonidae; Temperature (water); ...2.1497

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Environmental Ecology; Insects - Beneficial; Ponds; Range Or Territorial Distr.; Temperature (water); ...2.1543

CONTROLLING THERMAL POLLUTION IN SMALL STREAMS ...Energy Budgets; Flow Characteristics (water); Induced Temperature; Model Studies; Pulp and Paper Wastes; Temperature (water); Thermal Pollution; ...2.1677

HYDROLOGY OF SMALL MOUNTAIN STREAMS ...Flow Characteristics (water); Forest Debris; Hydrographs; Pulp and Paper Wastes; ...2.1680

IMMEDIATE EFFECTS OF LOGGING ON THE FRESHWATER ENVIRONMENT OF SALMONIDS ...Acidity (water); Circulation (water); Forest Debris; Population Dynamics -general; Salmonidae; Temperature (water); ...2.1681

EFFECTS OF LOGGING ON SALMON POPULATIONS IN COASTAL STREAMS ...Animal Migration; Coastlines - Shorelines; Fish and Shellfish; Forest Watersheds; Oregon; Pseudotsuga; ...2.1688

NEW AND IMPROVED PRODUCTS FROM WESTERN SOFTWOODS ...Costs -see Economics Entries; Materials, Composite; Picea; Pinus Ponderosa; Pseudotsuga; Southwest U. S.; ...3.0363

Lye

REDUCING POLLUTION FROM POTATO AND ROOT VEGETABLE PEELING ...Canning Wastes -see Food Proc.; Food Processing Industries; Plant Waste Removal, Treatment; Water Quality Control -general; ...2.1162

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Organic Waste -see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

DRY CAUSTIC PEELING OF TREE FRUIT TO REDUCE LIQUID WASTE VOLUME AND STRENGTH ...Chemical Oxygen Demand; Food Processing Industries; Industrial Wastes; ...2.1166

PROCESSING PLANT EFFLUENTS FOR IRRIGATION IN COASTAL PLAINS OF NORTHEAST ...Biological Effects; Effluents - Waste Water; Food Processing Wastes; Industrial Wastes; Irrigation; Plant Waste Removal, Treatment; Soil Chemical Properties; Water Reuse; ...2.1443

RECOVERY OF BY-PRODUCTS FROM SHELLFISH WASTE ...Chlorine; Farm Animal Wastes; Product Development Research; Waste Material Recovery; ...2.1446

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Costs -see Economics Entries; Food Processing Industries; Industrial Wastes; Plant Waste Removal, Treatment; South Carolina; Waste Disposal on Soils; Waste Water Treatment -general; ...3.0311

Lysimeters

TRACE AND TRACER ELEMENTS IN GROUND WATER: PHASE III ...Arizona; Chemical Analysis (water); Groundwater; Industrial Wastes; Lead; Natural Recharge; Soil Chemical Properties; Water Pollution Sources, Zinc; ...2.0017

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure -other; Water Reuse; ...2.0031

THE QUANTITY & MOVEMENT OF NITRATES IN SOIL WATER IN TWO CONNECTICUT SOILS TREATED WITH HIGH & LOW LEVELS OF INORGANIC NITROGEN FERTILIZER ...Fertilizers; Groundwater; Soil Depth; Soil Moisture, Tension and Measurement; Zea Mays - Field Corn; ...2.0089

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

SOIL AND WATER MANAGEMENT FOR SALINITY CONTROL - PHASE II ...Groundwater; Leaching; New Mexico; Pesticides - nonspecific; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; Water Pollutants - Path of; ...2.0253

ENVIRONMENTAL BIOLOGY - BIOGEOCHEMICAL CYCLING IN ECOLOGICAL SYSTEMS ...Aquatic Ecology - Animal; Estuaries; Eutrophication; Pesticide Aquatic Cycling; Water Pollutants - Path of; ...2.0277

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0308

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination; Eastern U. S.; Landfill, Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Computer Models; Drainage; Fertilizers; Impaired Water Use; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Moisture; Soil Water Plant Relationships; ...2.0513

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp - non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Freezing & Below; Low Temp. - But Above 32f; Pinus -nonspecific; Radioisotopes; Soil Moisture; Sprinkler Irrigation; Transpiration and Evap; ...2.1001

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Glaciology; Groundwater; Ponds; Soil Moisture; Soil Types - also See Specifics; Till; Water Pollutants - Path of; ...2.1285

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Animal Wastes - Feed Lots; Chemical Analysis (water); Escherichia Coli; Farm Animal Wastes; Physical Models; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...2.1288

EFFECTS OF SUGAR REFINING LOGOON EFFLUENTS ON FARGO CLAY ...Biochemical Oxygen Demand; Chemical Effects; Effluents - Waste Water; Infiltration; Sewage Lagoons; Tillage, Cropping Systems; ...2.1666

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Bos; Chlorine; Contamination - Soil; Farm Animal Wastes; Rock - Soil Pollution; Soil Moisture; Zea Mays - Field Corn; ...3.0097

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Animal Wastes - Feed Lots; Chlorine; Farm Animal Wastes; Percolation (water); Sprinkler Irrigation; Water Application Methods; ...3.0166

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bos; Drainage; Effluents - Waste Water; Rural Areas; Sewage; Soil Aeration; Soil pH; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water; Infiltration; Organic Water Properties; Pilot Plants; Safety -see Farm Safety; South Carolina; Waste Management -see Specific; Water Purification; ...3.0310

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin, DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

Magnetic Fields -bioeffects

ATMOSPHERIC CONSTITUENTS OF THE TERRESTRIAL-TYPE PLANETS ...Algae - Cyanophyta; Algal Pollutant Sources; Environmental Influences; Gases; Pesticides -nonspecific; Space Medicine - Exobiology; Weather - Physical Properties; ...1.0345

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISM ...Invertebrates; Radiation Sensitivity -man; ...5.0125

RESPONSE OF CELLS TO MAGNETIC FIELDS AND X-RAYS ...Cancer; Radiation Injury Prevention; ...5.0572

Maine

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Air Pollution -see Specifics; Environmental Physiology; Humidity; Solar Light; Wind -see Air Motion; ...1.0374

WATER QUALITY DEGRADATION BY SEPTIC TANK DRAINAGE ...Degradation -see Pesticide Deg; Phosphorus and Phosphorus Cpds; Septic Tanks; Water Quality Control -general; ...2.0165

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control - general; ...2.0166

AREAL DISTRIBUTION AND PROVENANCE OF SEDIMENTS IN ST. GEORGE RIVER, KNOX COUNTY, MAINE ...Core Analysis; Drilling and Coring; Estuaries; Mineral Analysis; Sediment Provenance Studies; Sediments; Size; ...2.0168

PHYSICAL AND CHEMICAL CHARACTERISTICS OF MAINE STREAMS AND RIVERS ...Chemical Water Properties; Industrial Wastes; Physical Water Properties; Water Pollution Sources; ...2.0606

HYDROGRAPHY OF THE PENOBSCOT RIVER ESTUARY ...Density; Dissolved Load; Environmental Changes; Estuaries; Salinity (water); Soil Tillage; Water Pollution Abatement; ...2.0607

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Acidity (water); Aquatic Soils; Bottom Sampling; Geochemical Analysis (water); Lakes; Mineralogical Properties; Social Aspects; Soil pH; ...2.0608

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONT-SWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

RESTORATION DYNAMICS FOR ESTUARIES ...Estuaries; Marine Environments; Rehabilitation -streams -lakes; Tidewater Areas; ...2.1030

TEST AND EVALUATE EQUIPMENT FOR CONTAINING AND REMOVING OIL SPILLS IN HARBORS AND ADJACENT WATERS ...Harbors; Oil; Oil Removal; Petroleum Wastes - Spillage; Waste Material Recovery; Water Pollution Abatement; ...2.1032

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Atomic Plants; Embryology -basic; Estuaries; Invertebrate Physiology; Marine Animals; Population Dynamics -general; Temperature (water); ...2.1567

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Benthic Fauna; Energy Conversion; Estuaries; Fish & Shellfish Biology; Physical Water Properties; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1568

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

AN ENVIRONMENTAL SURVEY OF THE DAMARISCOTTA RIVER ESTUARY, LINCOLN COUNTY, MAINE ...Bottom Sampling; Core Analysis; Estuaries; Salinity (water); Sewage; ...2.1570

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Model Studies; Optimization; Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

LEGAL ASPECTS OF WATER POLLUTION CONTROL THROUGH IMPLEMENTATION OF THE EFFLUENT CHARGE CONCEPT ...Effluents - Waste Water; Legal Studies; State Government; Water Quality Control -general; Water Standards & Baselines; ...2.1838

Mammals

Antilocapridae

PESTICIDE RESIDUES AND PARASITES IN BIG GAME MAMMALS ...Cervus; Forest Environment -general; Nematoda; Ovis; ...4.0845

Bovidae

Bos

STRUCTURES AND EQUIPMENT TO MINIMIZE STRESS ON BEEF CATTLE ...Air Pollution -see Specifics; Dust; Excessive Moisture; Farm Structures & Design; Rain; Wind -see Air Motion; ...1.0309

LITERATURE REVIEW ON THE EFFECT OF AIR POLLUTANTS ON LIVESTOCK AND POULTRY ...Air Pollution -see Specifics; Arsenic; Environment Resistance-animals; Fluorine; Literature Search; Poultry -nonspecific; Sus; ...1.0352

INVESTIGATIONS IN THE THERAPY OF BOVINE LEAD POISONING ...Animal Pharmacology; Auto Exhaust -see Air Poll.; Chelation & Comolexing; Lead; ...1.0360

FLUOROSIS IN PLANTS AND ANIMALS ...Air Pollution -see Specifics; Bovidae -other; Equidae; Injury -animal; Ovis; ...1.0428

NITRATES IN WATER SUPPLIES ...Animal Wastes - Feed Lots; Fertilizers; Soil Analysis; Soil Chemical Properties; Waste Disposal on Soils; Water Supply -general; ...2.0222

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Contamination - Soil; Farm Animal Wastes; Groundwater; Snowmelt Runoff; Soil Microbiology; Urine; Water Pollutants - Path of; ...2.0242

ROLE OF ANIMAL WASTES IN AGRICULTURAL LAND RUNOFF ...Agricultural Runoff; Agricultural Watersheds; Animal Wastes - Feed Lots; Farm Animal Wastes; Small Watersheds; Soil Tillage; Water Quality -general; ...2.0293

WATER QUALITY HYDROLOGY OF LANDS RECEIVING FARM ANIMAL WASTES ...Agricultural Runoff; Farm Animal Wastes; Plowing; Waste Disposal on Soils; ...2.0379

CATTLE FEEDLOT WASTE WATER TREATMENT ...Aerobic Waste Water Treatment; Agricultural Runoff; Anaerobic Wastewater Treatment; Animal Wastes - Feed Lots; Farm Animal Wastes; Lagoon; Sewage Lagoons; ...2.1274

BIOLOGICAL TREATMENT OF BEEF ANIMAL WASTES TO REDUCE WATER POLLUTION ...Aeration (water); Animal Wastes - Feed Lots; Farm Animal Wastes; Oxidation; ...2.1278

TERTIARY TREATMENT OF ANIMAL WASTE WATERS ...Aerobic Waste Water Treatment; Denitrification -see Nitrogen; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1346

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Groundwater; Mineralogical Water Properties; Sprinkler Irrigation; Water Application Methods; Water Quality Control -general; ...2.1418

EFFECTS OF ENVIRONMENTAL STRESSES ON BEEF CATTLE ...Environmental Physiology; Mineralogical Water Properties; Muridae; Physiological Effects; Water Utilization -animal; ...2.1636

ECONOMIC IMPACTS OF WATER POLLUTION CONTROL PROGRAMS ON CATTLE FEEDLOTS ...Agricultural Watersheds; Beef Industry; Water Pollution Abatement; Water Resources Planning; ...2.1864

EVALUATION OF POULTRY MANURE AS A FERTILIZER ...Cynodon; Fertilizer Losses; Soil Chemical Properties; Trifolium; ...3.0004

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots Contamination - Soil; Cynodon; Farm Animal Wastes; Fertilizer Toxicity; Groundwater; Rain; Soil Chemical Properties; Waste Disposal on Soils; ...3.0005

POLLUTION IMPLICATIONS OF ANIMAL WASTE ...Animal Wastes - Feed Lots; Farm Animal Wastes; Feces; ...3.0011

STABILIZATION OF ORGANIC WASTES FROM CATTLE FEEDLOTS IN SEMI-ARID CLIMATES BY COMPOSTING TECHNIQUES ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Farm Animal Wastes; Semi - Arid Regions; ...3.0012

ECONOMICS OF GRADE A DAIRYING ...Agricultural Economics; Costs -see Economics Entries; Dairy Industry; Farm Animal Wastes; Optimization - Feasibility; ...3.0057

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange; Maps -general; Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Sus; Wind -see Air Motion; ...3.0069

CATTLE FEEDLOT WASTE AND AIR AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Chlortetracycline; Farm Animal Wastes; Hydrographs; Process Design; ...3.0092

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Chlorine; Contamination - Soil; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Soil Moisture; Zea Mays - Field Corn; ...3.0097

A METHOD OF MANURE DISPOSAL FOR A BEEF PACKING OPERATION ...Animal Wastes - Feed Lots; Farm Animal Wastes; Feces; Illinois; Solid Waste; Waste Disposal-see Solid Waste; ...3.0121

LIFE CYCLE DAIRY HOUSING, MANAGEMENT AND BEHAVIOR ...Animal Wastes - Feed Lots; Behavior -vertebrate; Computer Methods -general; Dairy Industry; Farm Animal Wastes; Iodides; Sewage Lagoons; ...3.0130

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Irrigation; Rainfall - Runoff Relationship; Soil Fertility; Water Wells; ...3.0148

LAGOONS FOR DISPOSAL OF BARN YARD WASTES ...Aeration (water); Effluents - Waste Water; Farm Animal Wastes; Lagoon; Microorganisms -nonspecific; Sewage Lagoons; Taste & Odor of Water; ...3.0152

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Agricultural Runoff; Farm Animal Wastes; Poultry -nonspecific; Waste Disposal on Soils; ...3.0156

USING WASTE FORMED IN VEGETABLE AND CHEESE PRODUCTION ...Plant Waste Removal, Treatment; Product Development Research; ...3.0165

FARM ANIMAL WASTES MANAGEMENT ...Air Cleaning Devices; Dust; Farm Animal Wastes; Poultry -nonspecific; Waste Type; ...3.0167

LABOR REQUIREMENTS FOR PERFORMING FARMSTEAD WORK ELEMENTS ...Agricultural Economics; Economic Studies -general; Farm Animal Wastes; Farm Structures & Design; Labor Input; Management; ...3.0195

EVALUATION OF WASTE HANDLING SYSTEMS FOR HOUSED LARGE ANIMALS IN THE NORTH CENTRAL REGION ...Disposal; Farm Animal Wastes; Motors - Propellers; Waste Type; ...3.0196

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Climates -general; Farm Animal Wastes; Microorganisms - nonspecific; Solid Waste; Waste Disposal on Soils; ...3.0197

MATERIALS HANDLING SYSTEMS FOR NORTH CENTRAL FARMS ...Farm Animal Wastes; Farm Structures & Design; Humidity; North Central U. S.; Temperature - Air; Wind -see Air Motion; ...3.0198

FEED AND WASTE REMOVAL STRUCTURES FOR LIVESTOCK ...Economic Feasibility; Farm Animal Wastes; Farm Structures & Design; ...3.0208

DAIRY HERD MANAGEMENT ...Farm Animal Wastes; Farm Structures & Design; ...3.0210

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

CIRCULAR DAIRY BARN ...Farm Animal Wastes; Farm Structures & Design; Temperature - Air; ...3.0222

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types - also See Specifics; Waste Disposal on Soils; ...3.0223

SANITARY MILK PRODUCTION ...Farm Animal Wastes; Food Processing Industries; General Sanitation Methods; ...3.0238

LIVESTOCK WASTE DISPOSAL SYSTEM INVOLVING REUSE OF WATER ...Aeration (water); Aluminum; Farm Animal Wastes; Livestock -nonspecific; Sand Filters; Water Reuse; ...3.0257

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Drainage; Effluents - Waste Water; Lysimeters; Rural Areas; Sewage; Soil Aeration; Soil pH; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

ENGINEERING SYNTHESIS OF EFFICIENT, ECONOMICAL DAIRY PRODUCTION SYSTEMS ...Costs -see Economics Entries; Farm Animal Wastes; Farm Structures & Design; Literature Search; Mathematical Models; ...3.0268

EVALUATION OF BEEF FEEDLOT WASTE MANAGEMENT ALTERNATIVES ...Agricultural Runoff; Animal Wastes - Feed Lots; Beef Industry; Farm Animal Wastes; ...3.0272

CATTLE FEEDLOT PEN DESIGN ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sludge; Water Quality Control -general; ...3.0273

ANALYSIS OF COMPLETE LIVESTOCK PRODUCTION SYSTEMS ...Farm Animal Wastes; Farm Structures & Design; Poultry -nonspecific; Sewage Lagoons; Sus; ...3.0313

CHARACTERISTICS OF WASTE FROM SOUTHWESTERN CATTLE FEEDLOTS ...Agricultural Runoff; Animal Wastes - Feed Lots; Applied Climatology; Farm Animal Wastes; Management (water); Slope; Southwest U. S.; ...3.0321

SOIL TREATMENT OF CATTLE FEEDLOT RUNOFF ...Animal Wastes - Feed Lots; Farm Animal Wastes; Rainfall - Runoff Relationship; Waste Disposal on Soils; Water Quality Control -general; ...3.0322

LAGOONS FOR DAIRY FARMS ...Animal Wastes - Feed Lots; Bacterial Studies -general; Cellular Catabolism-see Degrad; Farm Animal Wastes; Lagoon; Temperature - Air; Waste Water Treatment -general; Water Reuse; ...3.0338

APPRAISAL OF ADJUSTMENTS IN WISCONSIN AND OTHER LAKE STATES DAIRY FARMING ...Agricultural Economics; Costs -see Economics Entries; Farm Animal Wastes; Farm Structures & Design; Optimization - Feasibility; Supply; Wisconsin; ...3.0349

WINTER STORAGE OF DAIRY WASTES IN NORTHERN CLIMATES ...Anaerobic Wastewater Treatment; Cold Climates; Farm Animal Wastes; Feces; Noise -see Noise; Sewage Lagoons; ...3.0352

DAIRY CATTLE MANAGEMENT IN URBAN PROXIMITY ...Bacteria -nonspecific; Farm Animal Wastes; Product Development Research; Suburban Areas; Urine; ...3.0364

FEEDING BROILER LITTER TO DAIRY REPLACEMENT HEIFERS ...Amprolium; Ovis; ...3.0376

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Animal Productivity; Ecological Effects; Oncorhynchus; Pesticide Action on Animals; Pesticide in Food Chains; Pollution Effects -see Water; Residues in Foods; ...4.0064

SWEET SORGHUM VARIETAL EXPERIMENTS ...Arid and Desert Regions; Insecticides -nonspecific; Irrigation; Pesticide Phytotoxicity; Sorghum; Space Competition; Temperature - Air; ...4.0447

CHLORINATED HYDROCARBON IN THE LACTATING BOVINE AND EFFECT ON LIPID METABOLISM ...DDT; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0537

RESPONSES OF DAIRY CATTLE FED FEEDSTUFFS CONTAINING RESIDUES OF CERTAIN AGRICULTURAL CHEMICALS ...Baytex; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0601

RESIDUES IN MILK FROM COWS FED INSECTICIDE-CONTAMINATED FORAGE ...Insect Resistance; Pesticide Action on Animals; Pesticide Residues; Phosphorothioate Cpds.; ...4.0603

DIELDRIN BUILD-UP AND DISSIPATION RATE IN FATTY TISSUES OF BEEF CATTLE FED DIFFERENT LEVELS OF ALDRIN ...Aldrin; DDT; Laboratory Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; ...4.0609

PREVENTION AND DISSIPATION OF PESTICIDE RESIDUES IN THE PRODUCTION OF MARKETABLE MILK AND MEAT PRODUCTS ...DDE; Liquids Or Sprays; Pesticide Residues Removal; TDE; ...4.0610

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

EFFECT OF RUELENE (REG. TRADEMARK) ON EMBRYONIC DEVELOPMENT ...Chemical Analysis; Developmental Physiology; Domestic Animals; Experimental Teratology; Pesticide Residues; Ruelene; ...4.0644

METABOLISM OF PESTICIDES BY BEEF CATTLE ...Aldrin; DDT; Feces; Pesticide Action on Animals; Pesticide Safety Measures; TDE; Urea Cpds. -nonspecific; Vertebrate Anatomy; ...4.0645

ABSORPTION AND EXCRETION OF HEPTACHLOR EPOXIDE BY DAIRY CATTLE ...Heptachlor Epoxide; Pesticide Action on Animals; Pesticide Residues in Feeds; Petroleum -see Oil; ...4.0648

METABOLISM OF PESTICIDES IN CATTLE ...Animal Pests; Domestic Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; Tissue Accumulation Rates; Urine; ...4.0649

THE ACCUMULATION AND EXCRETION OF DIELDRIN IN DAIRY HEIFERS AND COWS ...Dieldrin; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0666

METABOLISM OF PESTICIDES BY RUMEN MICROBIOTA AND FACTORS INFLUENCING ABSORPTION ...Bacterial

Identification; Capra; DDT; Intestinal Bacteria; Microorganism-see Cell. Catab.; Pesticide Action on Plants; Petroleum -see Oil; ...4.0668

PESTICIDE METABOLISM IN BEEF CATTLE ...Lindane; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Formulation; Pesticide Residues; Pesticide Residues in Feeds; Ruelene; ...4.0670

FACTORS AFFECTING INSECTICIDE RESIDUES IN MILK ...Domestic Animals; Metabolites From Pesticides; Pesticide Residues in Feeds; Residues in Foods; ...4.0671

FACTORS INVOLVING PESTICIDES IN MILK PRODUCTS ...Avena Sativa; Chemical Analysis; Gossypium; Pesticide in Food Chains; Residues in Foods; ...4.0685

A STUDY ON THE CORRELATION BETWEEN INSECT CONTROL AND BEEF PRODUCTION ...Baits, Lures; Domestic Animals; Insecticides -nonspecific; Liquids Or Sprays; Solvents Or Carriers; ...4.0693

ORGANIC PHOSPHATE SYSTEMIC INSECTICIDES AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Coumaphos; Domestic Animals; Pesticide Action on Animals; Pesticide Application Rates; Ruelene; ...4.0750

ORGANIC PHOSPHATE SYSTEMIC INSECTICIDES AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Coumaphos; Developmental Physiology; Domestic Animals; Pesticide Action on Animals; Ruelene; ...4.0751

CO-RAL, RUELINE AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Coumaphos; Developmental Physiology; Domestic Animals; Ruelene; ...4.0753

INCREASED BODY METABOLISM AND EXCRETION RATE OF PESTICIDE FROM DAIRY COWS ...DDT; Domestic Animals; Pesticide Action on Animals; Pesticide Residues; Pesticide Residues in Feeds; Residues in Foods; ...4.0762

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Fenac; Gas Chromatography; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; Residues in Foods; ...4.0770

EXCRETION OF CHEMOTHERAPEUTIC AGENTS ...Animal Pharmacology; Bacteria -nonspecific; Pesticide Action on Animals; Pesticide Residues; Plant Resistance; Residues in Foods; Sulfamethazine; ...4.0802

THE BIOLOGY AND CONTROL OF ARTHROPODS AFFECTING MAN AND ANIMALS ...Baytex; Cythioate; Gardona; Pesticide Action on Animals; Pesticide Evaluation; Rabbits; Ruelene; ...4.0824

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

BIOCHEMISTRY AND PHYSIOLOGY OF ADIPOSE TISSUE OF MEAT ANIMALS ...Aging; Chemical Analysis; Chlorine; Gamma Spectroscopy; Ovis; Petroleum Cpds. -nonspecific; Sus; ...4.0837

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ...Domestic Animals; Food Contamination; Lindane; Pesticide Residues; Residues in Foods; ...4.0849

CHEMICAL RESIDUES IN MILK ...Domestic Animals; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.0850

EFFECT OF CHARCOAL ON PESTICIDE RESIDUES AND ON NUTRIENT UTILIZATION IN RUMINANTS ...Chemical Analysis; Domestic Animals; Pesticide Residues in Feeds; Pesticide Residues Removal; Ronnel; Tissue Accumulation Rates; ...4.0859

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Animal Resistance; Herbicides and Other Chem; Mammals -nonspecific; Pesticide Action on Plants; Pesticide Residues; Sevin; .. 4.0860

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN LIVESTOCK AND POULTRY ...Animal Resistance; Ddvp; Gallus Domesticus; Liquids Or Sprays; Pesticides -other; Ronnel; ...4.0869

LIVESTOCK DETOXICATING MECHANISMS OF PESTICIDES ...Birds; Ciodrin; Domestic Animals; Gallus Domesticus; Ovis; Pesticide Residues Removal; Residues in Foods; ...4.0870

TOXICOLOGICAL EFFECTS OF VARIOUS PESTICIDES AND OTHER AGRICULTURAL CHEMICALS ON LIVESTOCK AND POULTRY ...Acaricides -nonspecific; Deet; Fungicides -nonspecific; Herbicides -nonspecific, Nematocides -nonspecific, Pesticide Residue Analysis; Sus; ...4.0871

BIOCHEMICAL EFFECTS OF AGRICULTURAL CHEMICALS AND CONTROL SUBSTANCE TO LIVESTOCK ...Animal Pharmacology; Domestic Animals; Herbicides -nonspecific; Insecticides -nonspecific; Poultry -nonspecific; ...4.0872

CHARACTERIZATION OF CYTOLOGICAL RESPONSES TO TOXICATIONS OF PESTICIDES IN LIVESTOCK ...Antibelminth; Birds; Developmental Physiology; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0873

TOXICOLOGIC EFFECTS OF HERBICIDE-TREATED PLANTS ON LIVESTOCK ...Atrazine; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Rates -general; Ranunculaceae; Tissue Accumulation Rates; ...4.0874

THE METABOLIC FATE OF AN ORGANIC PHOSPHATE INSECTICIDE (GS-13005) WHEN FED TO DAIRY CATTLE ...Animal; Domestic Animals; Microorganism-see Cell. Catab.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0884

ORGANIC PHOSPHATE RESIDUE IN DAIRY COWS ...Animal; Domestic Animals; Muridae; Pesticide Residues; Sulfoxide; Tissue Accumulation Rates; ...4.0885

PESTICIDE RESIDUES INGESTED BY FINISHING AND REPRODUCING BEEF CATTLE ...Domestic Animals; Heptachlor; Heptachlor Epoxide; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.0889

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; DDT; Ethion; Kelthane; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

CAUSES OF ABORTIONS IN DAIRY CATTLE WITH PARTICULAR REFERENCE TO PESTICIDES AND MOLD TOXINS ...Aspergillus; Domestic Animals; Gibberella; Nutrition; Pesticides -nonspecific; ...4.0917

METABOLIC OBSERVATIONS - NUTRITIONAL INTERACTION BETWEEN UREA AND APPLE POMACE RE REPRODUCTIVE FAILURE ...Pesticide Residues in Feeds; Pesticides -nonspecific; ...4.0956

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides -other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

NUTRITIONAL INTERACTION BETWEEN UREA AND APPLE POMACE RELATED TO REPRODUCTIVE FAILURE ...Developmental Physiology; Domestic Animals; Pesticide in Food Chains; Pesticide Residues in Feeds; Pesticides -nonspecific; ...4.0991

PSEUDOCHOLINETERASE ACTIVITY AS AFFECTED BY MODERN AGRICULTURAL CHEMICALS ...Bioassay; Carbamates -nonspecific; Chlorinated Hydrocarbons; Food Contamination; Pesticide in Food Chains; Sevin; ...4.1023

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...DDT; Domestic Animals; Pesticide Residues; TDE; ...4.1048

METABOLISM OF AGRICULTURAL CHEMICALS BY RUMEN MICROORGANISMS ...Insecticides -nonspecific; Microorganism-see Cell. Catab.; Protozoa; Terramycin; ...4.1099

METABOLIC FATE OF PESTICIDES IN ANIMALS ...Animal; Capra; Feces; Mca-600; Ovis; Pesticide Application Rates; Urine; ...4.1100

ANALYTICAL METHODS FOR PESTICIDES AND PESTICIDE DEGRADATION PRODUCTS ...Degradation -see Pesticide Deg; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Sumithion; ...4.1103

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD PRODUCTS ...Aldrin; DDT; Parathion; Pesticide Residues in Feeds; Residues in Foods; ...4.1118

METHODS OF ANALYSIS FOR PESTICIDES, KERRVILLE ...Ciodrin; Ddvp; Domestic Animals; Gallus Domesticus; Gardona; Pesticide Residue Analysis; Sus; ...4.1125

BIOLOGICAL AVAILABILITY TO DAIRY PRODUCTS OF MAN-MADE RADIONUCLIDES ...Food Contamination; Germanium; Hydrogen; Radiation Injury Prevention; Sodium; ...5.0011

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Copper; Iodine; Laboratory Animals; Muridae; Radiation Effects; Sus X and Gamma Rays; ...5.0246

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation; Cricetidae -other; Felidae; Forest Environment -general; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Vertebrates Excl. Man; ...5.0258

ANIMAL METABOLIC STUDIES OF STRONTIUM AND CALCIUM WITH SPECIAL REFERENCE TO FALLOUT RADIONUCLIDES ...Calcium; Capra; Radioactive Fallout-cf Fallout; Strontium; Sus; ...5.0317

AEC RADIATION EFFECTS PROGRAM ...Animal Productivity; Food Contamination; Radioactive Hazard; Radioactive Isotopes; Radioisotopes cnonspecific; Radiologic Health; ...5.0420

AEC ANIMAL INVESTIGATION PROGRAM ...Animal Migration; Environmental Ecology; Ovis; Reactor Sites & Rad Waste; ...5.0421

CONTROL OF FISSION PRODUCTS INGESTED BY LIVESTOCK ...Cesium; Iodine; Livestock -nonspecific; Strontium; Vertebrates Excl. Man; X and Gamma Rays; ...5.0482

LYMPHOCYTE MIGRATION AND KINETICS IN EXPERIMENTAL ANIMALS ...Cancer; Cellular Biosynthesis; Radiation Effects - Biological; Radioisotopes -nonspecific; ...5.0520

PHASE 1 - FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS - FISSION PRODUCT STUDIES ...Cerium; Cesium; Radioactive Fallout-cf Fallout; Strontium; ...5.0566

ANIMAL METABOLISM OF FISSION PRODUCTS AND RELATED NUCLIDES ...Beta Particles; Calcium; Ovis; Radioactive Fallout-cf Fallout; Rumen Bacteria; Sus; Yttrium; ...5.0611

RADIOTOXICITY OF FISSION PRODUCT ELEMENTS ...Beta Particles, Injury -animal; Radiation Effects; Radioactive Pollution -ns; Vertebrates Excl. Man; Yttrium; Zinc; ...5.0612

EVALUATION OF MEAT FROM ANIMALS EXPOSED TO LETHAL RADIATION LEVELS ...Food Bacteria; Food Contamination; Radiation, Lethal Dose; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0616

IRRADIATION OF MILK COWS ...Radiation Effects; Vertebrates Excl. Man; X and Gamma Rays; ...5.0621

EFFECT OF RADIATION ON TRACE ELEMENT METABOLISM IN CATTLE, SHEEP AND SWINE ...Ovis; Sus; Vertebrates Excl. Man; ...5.0656

METABOLISM OF TRACE ELEMENTS ...Beta Particles; Ovis; Radiation Effects - Biological; Radiation, Whole Body; Strontium; X and Gamma Rays; Zinc; ...5.0658

RADIATION STUDIES ON LIVESTOCK UNDER SIMULATED FALLOUT CONDITIONS ..Animal Productivity; Radiation Effects; Radioactive Fallout-cf Fallout; Sus; X and Gamma Rays; ...5.0659

EFFECTS OF RADIATION ON THE REPRODUCTIVE SYSTEM ...Radiologic Health; Sus; Vertebrates Excl. Man; ...5.0666

PATHOLOGY ...Ovis; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0668

RADIOIODINE AND LARGE ANIMALS ...Iodine; Radiation Dose Studies-general; Radiation Effects; Vertebrates Excl. Man; ...5.0671

THE EFFECTS OF IRRADIATION ON ERYTHROCYTE CHIMERISM & IMMUNOLOGIC TOLERANCE IN CATTLE TWINS ...Animal Pharmacology; Experimental Teratology; Immunology; Radiation Effects - Biological; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0766

REPAIR OF RADIATION-DAMAGED DNA IN HUMAN AND OTHER MAMMALIAN CELLS ...Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0791

STUDIES IN IODINE METABOLISM ...Australia; British Isles; Digestive System - Human; Iodine; Japan; Radiation Effects Biological; Radiologic Health; ...5.0920

Bovidae -other

FLUOROSIS IN PLANTS AND ANIMALS ...Air Pollution -see Specifics; Equidae; Injury -animal; Ovis; ...1.0428

PESTICIDE RESIDUES AND PARASITES IN BIG GAME MAMMALS ...Antilocapridae; Cervus; Forest Environment -general; Nematoda; Ovis; ...4.0845

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

Capra

CARCINOGENS IN THE ENVIRONMENT ...Animal Wastes - Feed Lots; Contamination -see Air & Water; Developmental Physiology; Drainage; Environmental Carcinogenesis; Experimental Teratology; Feces; ...2.0399

METABOLISM OF PESTICIDES BY RUMEN MICROBIOTA AND FACTORS INFLUENCING ABSORPTION ...Bacterial Identification; DDT; Intestinal Bacteria; Microorganism-see Cell. Catab.; Pesticide Action on Plants; Petroleum -see Oil; ...4.0668

A STUDY OF THE PESTICIDE RESIDUES AND OF PARASITES IN BIG GAME MAMMALS OF SOUTH DAKOTA ...Animal Pharmacology; Antihelminth; Gastropoda; Ovis; Pesticide Evaluation; Pesticides -nonspecific; ...4.0846

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

METABOLITE FORMATION IN METABOLISM OF TRIAZINE HERBICIDES BY THE ANIMAL ...Animal; Metabolites From Pesticides; Ovis; Pesticide Formulation; Prometone; Radioisotopes -nonspecific; ...4.1096

METABOLIC FATE OF PESTICIDES IN ANIMALS ...Animal; Feces; Mca-600; Ovis; Pesticide Application Rates; Urine; ...4.1100

METABOLISM OF NUCLEAR DEBRIS IN THE DOG AND THE PIG ...Iodine; Molybdenum; Radiologic Health; Ruthenium; Sus; Tellurium; Tungsten; ...5.0137

ANIMAL METABOLIC STUDIES OF STRONTIUM AND CALCIUM WITH SPECIAL REFERENCE TO FALLOUT RADIONUCLIDES ...Bos; Calcium; Radioactive Fallout-cf Fallout; Strontium; Sus; ...5.0317

DELAYED SENSORY EFFECTS OF PRENATAL IRRADIATION ...Auditory Physiology; Developmental Physiology; Learning and Retention; Psychology; Radiation, Low Level; Sensory & Perceptual Processes; X and Gamma Rays; ...5.0681

Ovis

LITERATURE REVIEW ON THE EFFECT OF AIR POLLUTANTS ON LIVESTOCK AND POULTRY ...Air Pollution -see Specifics; Arsenic; Environment Resistance-animals; Fluorine; Literature Search; Poultry -nonspecific; Sus; ...1.0352

FLUOROSIS IN PLANTS AND ANIMALS ...Air Pollution -see Specifics; Bovidae -other; Equidae; Injury -animal; ...1.0428

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange; Maps -general; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Sus; Wind -see Air Motion; ...3.0069

FEEDING BROILER LITTER TO DAIRY REPLACEMENT HEIFERS ...Amprolium; Bos; ...3.0376

MECHANISM OF ACTION OF HALOGENATED HYDROCARBON FUMIGANTS ON ANIMALS ...Birds; Dibromoethane; Foreign Agriculture; Israel; Muridae; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0621

EFFECTS OF DDT AND ANALOGUES ON REPRODUCTION IN DOMESTIC MAMMALS AND BIRDS ...Birds; DDT; Gallus Domesticus; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; TDE; ...4.0636

EFFECT OF INSECTICIDES IN FEED ON GROWTH, BODY STORES, AND REPRODUCTION OF SHEEP ...Domestic Animals; Home Economics; Methoxychlor; Pesticide Action on Animals; Pesticide Residues; ...4.0641

PATHOLOGIC EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS USED IN THE ENVIRONMENT - THE TOXICITY OF NITRATES ...Animal Pharmacology; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Rodentia -other; Tissue Accumulation Rates; ...4.0675

BIOCHEMISTRY AND PHYSIOLOGY OF ADIPOSE TISSUE OF MEAT ANIMALS ...Aging; Chemical Analysis; Chlorine; Gamma Spectroscopy, Petroleum Cpds. -nonspecific; Sus; ...4.0837

PESTICIDE RESIDUES AND PARASITES IN BIG GAME MAMMALS ...Antilocapridae; Cervus; Forest Environment -general; Nematoda; ...4.0845

A STUDY OF THE PESTICIDE RESIDUES AND OF PARASITES IN BIG GAME MAMMALS OF SOUTH DAKOTA ...Animal Pharmacology; Antihelminth; Gastropoda; Pesticide Evaluation; Pesticides -nonspecific; ...4.0846

MINERAL INTERACTIONS WITH PESTICIDES ...Domestic Animals; Metabolites From Pesticides; Pesticide Action on Animals; Ronnel; Urine; ...4.0858

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Dursban; Heptachlor; Melliagris; Paraquat; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

LIVESTOCK DETOXICATING MECHANISMS OF PESTICIDES ...Birds; Ciodrin; Domestic Animals; Gallus Domesticus; Pesticide Residues Removal; Residues in Foods; ...4.0870

TOXICOLOGICAL EFFECTS OF VARIOUS PESTICIDES AND OTHER AGRICULTURAL CHEMICALS ON LIVESTOCK AND POULTRY ...Acaricides -nonspecific; Deet; Fungicides - nonspecific; Herbicides -nonspecific; Nematocides -nonspecific; Pesticide Residue Analysis; Sus; ...4.0871

CHARACTERIZATION OF CYTOLOGICAL RESPONSES TO TOXICATIONS OF PESTICIDES IN LIVESTOCK ...Antihelminth; Birds; Developmental Physiology; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0873

TOXICOLOGIC EFFECTS OF HERBICIDE-TREATED PLANTS ON LIVESTOCK ...Atrazine; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Rates -general; Ranunculaceae; Tissue Accumulation Rates; ...4.0874

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

METABOLITE FORMATION IN METABOLISM OF TRIAZINE HERBICIDES BY THE ANIMAL ...Animal; Capra; Metabolites From Pesticides; Pesticide Formulation; Prometone; Radioisotopes -nonspecific; ...4.1096

METABOLISM OF CHLORINATED HYDROCARBON INSECTICIDES IN LIVESTOCK ...Animal; Domestic Animals; Gallus Domesticus; Pesticide Action on Animals; Urine; ...4.1097

METABOLIC FATE OF PESTICIDES IN ANIMALS ...Animal; Capra; Feces; Mca-600; Pesticide Application Rates; Urine; ...4.1100

AEC ANIMAL INVESTIGATION PROGRAM ...Animal Migration; Bos; Environmental Ecology; Reactor Sites & Rad Waste; ...5.0421

ANIMAL METABOLISM OF FISSION PRODUCTS AND RELATED NUCLIDES ...Beta Particles; Calcium; Radioactive Fallout-cf Fallout; Rumen Bacteria; Sus; Yttrium; ...5.0611

RADIOTOXICITY OF FISSION PRODUCT ELEMENTS ...Beta Particles; Injury -animal; Radiation Effects; Radioactive Pollution -ns; Vertebrates Excl. Man; Yttrium; Zinc; ...5.0612

EFFECTS OF RADIATION ON REPRODUCTIVE PHYSIOLOGY IN FARM ANIMALS ...Developmental Physiology; Muridae; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0619

EFFECTS OF RADIATION ON LARGE ANIMALS - SOMATIC ...Developmental Physiology; Dose Rate, Dose Fractionation; Muridae; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0620

EFFECT OF RADIATION ON TRACE ELEMENT METABOLISM IN CATTLE, SHEEP AND SWINE ...Bos; Sus; Vertebrates Excl. Man; ...5.0656

METABOLISM OF TRACE ELEMENTS ...Beta Particles; Bos; Radiation Effects - Biological; Radiation, Whole Body; Strontium; X and Gamma Rays; Zinc; ...5.0658

RADIATION STUDIES ON LIVESTOCK UNDER SIMULATED FALLOUT CONDITIONS ...Animal Productivity; Bos; Radiation Effects; Radioactive Fallout-cf Fallout; Sus; X and Gamma Rays; ...5.0659

PATHOLOGY ...Bos; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0668

THE EFFECT OF RADIATION ON PRENATAL DEVELOPMENT ...Cobalt; Developmental Physiology; Experimental Teratology; Muridae; Sus; X and Gamma Rays; ...5.0674

METABOLIC EFFECTS OF GASTROINTESTINAL AND SKIN RADIATION INJURY ...Beta Particles; Injury -animal; Radiation Effects - Biological; X and Gamma Rays; Zinc; ...5.0675

SPECIES COMPARISON OF THE ACUTE IRRADIATION SYNDROME ...Injury -animal; Iron; Radiation, Lethal Dose; Sus; Vertebrates Excl. Man; ...5.0676

EFFECTS OF RADIOIODINE IN SHEEP AND SWINE ...Iodine; Sus; Vertebrates Excl. Man; ...5.0746

Carnivora

Canidae

EFFECTS OF CARBON MONOXIDE INDUCED ARRHYTHMIAS ...Air Pollution -see Specifics; Carbon Monoxide; Petroleum -see Oil; Respiratory Irritants, Inhaled; Toxicology; ...1.0220

BIOLOGICAL EFFECTS OF CO ON DOGS WITH EXPERIMENTALLY INDUCED MYOCARDIAL INFARCTS (ABBREV) ...Air Pollution -see Specifics; Anoxia and Hypoxia; Carbon Monoxide; Toxicology; ...1.0246

CONTINUE COLLECTION OF DATA ON THE EFFECT OF CHRONIC EXPOSURE OF BEAGLE DOGS TO SULFUR OXIDES AND PARTICULATE AIR POLLUTION ...Air Pollution -see Specifics; Exercise; Respiratory Irritants, Inhaled; Stressors, Physiological; Sulfur Dioxide; ...1.0257

CONTINUE COLLECTION OF DATA ON THE EFFECTS OF CHRONIC EXPOSURE OF BEAGLE DOGS TO NITROGEN OXIDES AND/OR AUTO EXHAUST ...Air Pollution -see Specifics; Auto Exhaust -see Air Poll.; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; ...1.0271

CONTINUE COLLECTION OF DATA ON THE EFFECTS OF CHRONIC EXPOSURE OF BEAGLE DOGS TO CARBON MONOXIDE ...Air Pollution -see Specifics; Carbon Monoxide; Respiratory Irritants, Inhaled; ...1.0276

BEHAVIORAL PHARMACOLOGY AND TOXICOLOGY ...Ceboidea; Muridae; Pigeon; Toxicology; ...1.0382

FLUOROSIS IN PLANTS AND ANIMALS ...Air Pollution -see Specifics; Bovidae -other; Equidae; Injury -animal; Ovis; ...1.0428

METABOLISM OF CARBAMATE PESTICIDES ...Bayer 44646; Carbon; Laboratory Animals; Muridae; Pesticide Toxicity in Humans; Zectran; ...4.0560

FIELD TRIALS WITH ANTIFERTILITY AGENTS FOR PREDATOR CONTROL ...Animal Predation; Control of Nuisance Species; Impregnated Materials-products; Pesticide Application Rates; Population Dynamics -general; ...4.0577

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aldrin; Aramite; Chemical Analysis; Dieldrin; Methoxychlor; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0592

TOXICOLOGICAL STUDIES OF DIELDRIN AND STEROIDS IN DOGS ...Dieldrin; Gas Chromatography; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0773

TOXICOLOGICAL STUDIES OF DIELDRIN AND STEROIDS IN DOGS ...Animal Pharmacology; Dieldrin; Laboratory Animals; 9774

METABOLISM OF HEXACHLOROPHENE, A POTENTIAL INTOXICANT ...Carbon; Disinfection; Feces; Hexachlorophene; Muridae; Toxicology; Urine; ...4.0818

NEW OR IMPROVED TECHNIQUES FOR SAFE CHEMICAL CONTROL OF ECTOPARASITES OF DOMESTIC ANIMALS ...Aerosols - Smokes, Fogs, Steam; Ddvp; Felidae; Impregnated Materials-products; Pesticide Evaluation; Pesticide Interaction - gen.; ...4.0823

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Cervus; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

BIOLOGICAL EFFECTS OF IMPLANTED NUCLEAR ENERGY SOURCES FOR ARTIFICIAL HEART DEVICES (ABBREV) ...Californium; Isotopes Development; Neutron -see Radiation; Protons; Strontium; Yttrium; ...5.0054

BIOCHEMICAL AND PHYSIOLOGICAL RESPONSE TO IRRADIATION - RETICULOENDOTHELIAL SYSTEM STUDIES ...Carbon; Caviidae; Muridae; Phagocytosis; ...5.0110

X-IRRADIATION EFFECTS OF ACUTE AND FRACTIONATED EXPOSURE IN BEAGLE DOGS ...Radiation Effects - Biological; X and Gamma Rays; ...5.0128

RELATIVE EFFECTIVENESS OF X-IRRADIATION AND RADIOIODINES ON THYROID FUNCTION ...Iodine; X and Gamma Rays; ...5.0129

GERONTOLOGIC CHANGES IN BEAGLES ...Aging; Antioxidants -nonspecific; Potassium; Radiation Carcinogenesis; Radiation Injury Prevention; Stressors, Physiological; Temperature - Human Body; ...5.0130

CELLULAR AND CYTOGENETIC EVALUATION OF RADIATION EFFECT ...Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Sciuridae; Strontium; X and Gamma Rays; ...5.0131

EFFECT OF PROLONGED LOW DOSE RATE CO60 GAMMA RAY EXPOSURE TO BEAGLES ...Cobalt; Radiation Effects - Biological; Radiation, Low Level; Radiation, Whole Body; Radium; Strontium; X and Gamma Rays; ...5.0132

EFFECTS OF LOW-LEVEL IRRADIATION ON DEVELOPING OVARIES OF DOGS AND MONKEYS ...Cercopithecoidea; Radiation Effects - Biological; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0133

COMPARATIVE TOXICITY OF SR90 AND RA226 IN BEAGLES ...Body Isotope Burden; Food Contamination; Radiologic Health; Radium; Strontium; ...5.0134

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Lead; Manganese; Mercury; Radiation Injury Prevention; Sodium; Thallium; Tungsten; Zinc; ...5.0136

AN EVALUATION OF THE FACTORS INVOLVED IN BIOACCUMULATION OF GAMMA EMITTING RADIONUCLIDES IN WILD DEER ...Animal Habitat Studies; Animal Productivity; Cesium; Cricetidae -other; Odocoileus; Passeriformes; X and Gamma Rays; ...5.0257

MECHANISMS OF LOCAL CARCINOGENESIS - RADIATION, PLASTIC FILMS, AND OTHER AGENTS ...Beta Particles; Plastics; Radiation Carcinogenesis; Radiation Sensitivity -man; ...5.0269

TOXICITY OF RADIOSTRONTIUM IN DOGS ...Developmental Physiology; Radiation Carcinogenesis; Radiation Effects - Biological; Strontium: Tumor Pathology; ...5.0274

THERAPY OF POISONING BY RADIOACTIVE AND NON-RADIOACTIVE METALS ...Americum; Digestive System - Human; Muridae; Rabbits; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0281

MECHANISMS AND MODELS OF SKELETAL METABOLISM--THEORETICAL ...Metabolism and Biochemistry; Radiation Effects - Biological; Radioisotopes -nonspecific; Radiologic Health; Radium; ...5.0283

METABOLISM AND TOXICITY OF FISSION PRODUCTS IN DOGS ...Cerium; Cesium; Cobalt; Iodine; Radiation Carcinogenesis; Radiation, Whole Body; X and Gamma Rays; ...5.0284

EXPERIMENTAL ELECTROMAGNETIC RADIATION STUDIES ...Electromagnetic Field; Escherichia Coli; Microwave and Radiofrequency; Primates -nonspecific; Radiation Sensitivity - man; ...5.0370

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Animal Behavioral Ecology; Biological Rhythms; Motivation and Instinct; Odocoileus; Procyonidae; Rabbits; Range Or Territorial Distr.; Teal, Green-winged; Vertebrates Excl. Man; ...5.0413

METABOLISM AND DOSIMETRY OF 90Y INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Beta Particles; Body Isotope Burden; Feces; Respiratory Irritants, Inhaled; Yttrium; ...5.0425

TOXICITY OF 144CE INHALED IN FUSED CLAY BY THE BEAGLE DOG ...Aerosols; Body Isotope Burden; Cerium; Microorganisms -nonspecific; Respiratory Irritants, Inhaled; ...5.0426

METABOLISM AND DOSIMETRY OF 90SR INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Yttrium; ...5.0427

TOXICITY OF INHALED 90SR CHLORIDE IN THE BEAGLE DOG ...Aerosols; Nuclear Warfare; Respiratory Irritants, Inhaled; Urine; ...5.0428

DISTRIBUTION AND EXCRETION OF 137 CS INHALED IN FUSED CLAY PARTICLES BY THE DOG ...Aerosols; Cerium; Fission Products-see Radioact., Radiation Injury Prevention; Radioactive Isotopes; Strontium; ...5.0429

TOXICITY OF INHALED 91Y CHLORIDE IN THE BEAGLE DOG ...Feces; Microorganisms -nonspecific; Respiratory Irritants, Inhaled; Urine; Yttrium; ...5.0430

TOXICITY OF INHALED CE144 CHLORIDE TO THE BEAGLE DOG ...Cerium; Digestive System - Human; Respiratory Irritants, Inhaled; ...5.0431

RADIATION DOSE PATTERNS ASSOCIATED WITH INHALATION OF ALPHA-EMITTING RADIONUCLIDES BY THE BEAGLE DOG ...Aerosols; Digestive System - Human; Occupational Hazards; Radiologic Health; ...5.0432

INITIAL DEPOSITION OF RADIONUCLIDE-CONTAINING PARTICLES IN THE LUNGS OF BEAGLE DOGS ...Aerosols; Ceramics; Inspection and Control; Medical, Dental Materials; Yttrium; ...5.0434

TOXICITY OF INHALED 90Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Strontium; ...5.0435

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Biochemical Analysis - Tissues; Fission Products-see Radioact.; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Respiratory Irritants, Inhaled; ...5.0436

PHYSICO-CHEMICAL NATURE OF 95NB(V) OXALATE IN THE BEAGLE DOG BLOOD AFTER INJECTION OR INHALATION OF 95NB(V) OXALATE ...Body Isotope Burden; Niobium; Respiratory Irritants, Inhaled; ...5.0438

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Aerosols; Muridae; Radiation Effects - Biological; Radiologic Health; Respiratory Irritants, Inhaled; Stibium; Thulium; ...5.0440

METABOLISM AND DOSIMETRY OF Y91 INHALED AS FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Feces; Respiratory Irritants, Inhaled; Yttrium; ...5.0441

TOXICITY OF SR90 IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Radiation Dose Studies-general; Respiratory Irritants, Inhaled; Strontium; ...5.0442

THERAPY FOR INHALED RADIONUCLIDES ...Cerium; Chelation & Complexing; Niobium; Radiation Effects - Biological; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0443

LIPID COMPOSITION OF PULMONARY SURFACTANT, EXFOLIATED LINING CELLS AND TISSUE FROM BEAGLE DOGS ...Radioisotopes -nonspecific; Respiratory Irritants, Inhaled; Surface Active-other; ...5.0444

BIOCHEMISTRY OF PULMONARY CONNECTIVE TISSUE ...Radiation Effects - Man; ...5.0445

DOSE-RESPONSE RELATIONSHIPS FOR INHALED ALPHA-EMITTING RADIONUCLIDES ...Alpha Particles; Americum; Curium; Injury and Shock; Plutonium; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0449

COMPARATIVE METABOLISM OF RADIONUCLIDES BY MAMMALS - FACTORS WHICH ALTER NORMAL METABOLIC PARAMETERS ...Cesium; Monkey; Rodentia - other; Vertebrates Excl. Man; X and Gamma Rays; ...5.0459

RADIATION INJURY AND RECOVERY IN DOGS AND PRIMATES ...Injury -animal; Monkey; Radiation Effects - Biological; ...5.0465

DOSE-RESPONSE AND RECOVERY KINETICS FROM LOW-INTENSITY CONTINUOUS AND SUBLETHAL ACUTE GAMMA-RAY EXPOSURES WITH DOGS AND PRIMATES ...Cercopithecoidea; Radiation, Low Level; Vertebrates Excl. Man; X and Gamma Rays; ...5.0468

FATE OF RADIUM AND OTHER RADIONUCLIDES IN LIVING ORGANISMS ...Body Isotope Burden; Lead; Occupational Hazards; Radium; Tungsten; ...5.0499

HEMATOPOIESIS IN NORMAL AND IRRADIATED ANIMALS ...Aging; Radiation Effects - Biological; ...5.0500

BIOLOGIC AND PHYSICAL ASPECTS OF AIRBORNE AGENTS ...Europium; Injury and Shock; Lutecium; Monkey; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Uranium; ...5.0502

PHYSIOLOGIC DECREMENTS OF ELECTROMAGNETIC RADIATION EXPOSURE ...Bioassays; Biochemical Analysis - Tissues; Iodine; Muridae; Radiation Carcinogenesis; X and Gamma Rays; ...5.0503

THE RADIOBIOLOGY AND TOXICOLOGY OF RADON AND OTHER RADIOACTIVE GASES ...Krypton; Miners; Muridae; Radon; Respiratory Irritants, Inhaled; Uranium; X and Gamma Rays; ...5.0505

MODIFICATION OF RADIATION INDUCED PULMONARY FIBROSIS ...Cell Injury and Autolysis; Radiation; Radiation Sources -general; Respiratory Disease; ...5.0507

MORPHOLOGICAL AND CYTOLOGICAL STUDIES OF LUNG RESPONSES TO INHALATION AND IRRADIATION ...Aerosols; Monkey; Plutonium; Radiation Dose Studies-general; Respiratory Irritants, Inhaled; Tumor Pathology; X and Gamma Rays; ...5.0510

KINETICS OF HEMATOPOIETIC STEM CELL PROLIFERATION FOLLOWING X-IRRADIATION ...Dosimetry; Monkey; Radiation; Radiation, Whole Body; ...5.0517

THE EFFECT OF INTERNAL EMITTERS ON THE HEMATOPOIETIC SYSTEM ...Americum; Plutonium; Radium; Strontium; Thorium; ...5.0718

ASSESSMENT, EVALUATION AND CONTROL OF RADIATION EXPOSURE TO MAN AND HIS ENVIRONMENT - EXPOSURE TO EXTERNAL AND INTERNAL RADIATION ...Americum; Digestive System - Human; Plutonium; Radiologic Health; Strontium; Tumor Pathology; ...5.0719

239-PU RETENTION IN THE CHINCHILLA ...Body Isotope Burden; Digestive System - Human; Metabolism and Biochemistry; Plutonium; Radiation Injury Prevention; Rodentia -other; ...5.0720

PB-210 STUDIES IN BEAGLES ...Body Isotope Burden; Digestive System - Human; Food Contamination; Lead; Polar Oceanic Areas; Radiologic Health; Toxicology; ...5.0721

241-AM METABOLISM AND EFFECTS IN BEAGLES ...Americium; Radiation Effects - Biological; ...5.0722

RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIONUCLIDES IN THE BEAGLE SKELETON ...Alpha Particles; Injury and Shock; Radiation Carcinogenesis; Strontium; ...5.0723

DISTRIBUTION OF PB-210 IN CANINE BLOOD AFTER INTRAVENOUS INJECTION & ASSOCIATION OF NUCLIDE WITH BLOOD CONSTITUENTS IN DOGS & HUMANS (ABBRE ...Cell Membrane Permeability; Lead; Radiation Injury Prevention; ...5.0724

DEATH FROM AGING, CANCER, IRRADIATION, AND OTHER STRESSES ...Aging; Injury and Shock; Radiation Effects - Biological; Stressors, Physiological; ...5.0725

MICROSCOPIC DISTRIBUTION OF 241-AM IN THE BEAGLE ...Americum; Injury and Shock; Radiation Effects - Biological; ...5.0726

RADIUM INDUCED EYE TUMORS ...Plutonium; Radiation Carcinogenesis; Radiation Dose Studies-general; Radium; Strontium; Thorium; ...5.0727

SPACE NUCLEAR SYSTEMS STUDIES ...Aerosols; Body Isotope Burden; Chemical Mechanisms & Kinetics; Plutonium; Radiation Dose Studies-general; Radioactive Hazard; Space Medicine - Exobiology; Sus; ...5.0735

URANIUM MINERS EXFOLIATIVE PATHOLOGY ...Occupational Hazards; Plutonium; Radiation Effects - Biological; Radon; Tobacco -cigarettes; Uranium; ...5.0737

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Cobalt; Europium; Lichenes; Radiation Resistance -animals; Radiologic Health; Ruthenium; Stibium; Zirconium; ...5.0742

INHALATION STUDIES - BIOLOGICAL EFFECT STUDIES ...Plutonium; Promethium; Radiation; Radiation Carcinogenesis; Radiation Injury Prevention; Respiratory Irritants, Inhaled; ...5.0748

LOW LEVEL PLUTONIUM INHALATION STUDIES IN BEAGLES ...Plutonium; Radiation, Low Level; ...5.0750

COMPARATIVE DISPOSITION OF PLUTONIUM AND AMERICIUM AFTER INHALATION ...Americum; Plutonium; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ..5.0751

INHALATION HAZARDS TO URANIUM MINERS, BIOLOGICAL STUDIES ...Air Pollution -see Specifics; Co-carcinogenesis, Miners; Radiation Carcinogenesis; Radon; Tobacco -cigarettes; ...5.0754

TOTAL-BODY COUNTING FACILITY ...Detectors; Rabbits; Selenium, Whole Body; ...5.0832

DEVELOPMENT AND APPLICATION OF MULTICHANNEL SCANNING ...Metabolism & Metab. Diseases; Radiation, Whole Body; Selenium, Whole Body; X and Gamma Rays; ...5.0835

STUDIES OF URANIUM MINER HAZARDS ASSOCIATED WITH RADON ...Bioassays; Feces; Lead; Occupational Hazards; Radiation Effects - Biological; Radon; Urine; ...5.0885

ELECTROMAGNETIC POWER ABSORPTION MEASUREMENTS FOR RADAR HAZARDS ASSESSMENT AD SURVEILLANCE SYSTEMS ...Electromagnetic Field; Infra Red; Microwave and Radiofrequency; Radiation Effects - Biological; Surveillance, Electronic; ...5.0915

RELATIONSHIP OF LOCAL RADIATION DOSE OF BONE-SEEKING RADIONUCLIDES TO DAMAGE ...Aging; Cell Injury and Autolysis; Radiation Carcinogenesis; Radium; ...5.0951

RETENTION AND DOSIMETRY OF BONE SEEKING RADIONUCLIDES IN BEAG' ES ...Americum, Lead; Plutonium; Radium; Strontium; Thorium; ...5.0952

SPECULATED RISK TO BONE AND LIVER FROM 239PU ...Digestive System - Human; Models (physical) of Anim.&man; Occupational Hazards; Plutonium; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0953

BONE CANCER INDUCTION BY RADIONUCLIDES INCIDENCE VS DOSE ...Alpha Particles; Muridae; Plutonium, Radiation, Low Level; Strontium; ...5.0954

INHALATION STUDIES - KINETICS AND DOSIMETRY STUDIES ...Aerosols; Americum; Curium; Muridae; Promethium; ...5.0959

INHALATION STUDIES - THERAPEUTIC REMOVAL STUDIES ...Muridae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; ...5.0960

Carnivora -other

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0633

Felidae

ABSORPTION OF POLLUTANTS IN THE RESPIRATORY TRACT ...Air Pollution -see Specifics; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0290

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - INTERACTIONS OF ENDRIN AND ANTICONVULSANT DRUGS IN THE CEREBRAL CORTEX OF ANESTHETIZED ANIMALS ...Ceboidea; Endrin; Pesticide Action on Animals; Pesticide Toxicity in Humans; Strigiformes; ...4.0813

NEW OR IMPROVED TECHNIQUES FOR SAFE CHEMICAL CONTROL OF ECTOPARASITES OF DOMESTIC ANIMALS ...Aerosols - Smokes, Fogs, Steam; Ddvp; Impregnated Materials-products; Pesticide Evaluation; Pesticide Interaction -gen.; ...4.0823

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation; Bos; Cricetidae -other; Forest Environment -general; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Vertebrates Excl. Man; ...5.0258

RESEARCH PROGRAM IN DEVELOPMENTAL NEUROPSYCHOLOGY ...Exercise; Healing; Motivation and Instinct; Primates -nonspecific; Psychology; Radiation Effects - Biological; ...5.0321

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology, Fish; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

COMPARATIVE STUDY OF THE EFFECTS OF X-IRRADIATION ON THE ELASMOBRANCH BRAIN ...Chondrichthyes; Injury -animal; Injury and Shock; Radiation Effects - Biological; Vertebrate Anatomy; X and Gamma Rays; ...5.0518

INTERACTION OF ULTRASOUND AND BIOLOGICAL MEDIA ...Muridae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0081

Mustelidae

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates; Mammals; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0633

FUR ANIMAL NUTRITION STUDIES ...Animal Pharmacology; Dieldrin; Scorpaenidae; TDE; ...4.0663

FUR ANIMAL STUDIES (MINK) ...Chemical Analysis; DDT; Domestic Animals; Muridae; Pesticide Formulation; Pesticide Residues Removal; TDE; ...4.0664

EFFECTS OF DDT AND DIELDRIN ON REPRODUCTIVE PERFORMANCE AND GROWTH OF MINK ...DDE; DDT; Laboratory Animals; Lake Michigan; Metabolites From Pesticides; Muridae; Pesticide Action on Animals; ...4.0775

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

EFFECTS OF IONIZING RADIATION ON MAMMALIAN SPERM AND EGGS ...Radiation Effects - Biological; X and Gamma Rays; ...5.0396

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Animal Behavioral Ecology; Biological Rhythms; Motivation and Instinct; Odocoileus; Procyonidae; Rabbits; Range Or Territorial Distr.; Teal, Green-winged; Vertebrates Excl. Man; ...5.0413

THE RADIOSENSITIVITY OF MAMMALIAN GERM CELLS ...Aging; Cellular Physiology- Env. Eff.; Muridae, Radiation Sources -general; ...5.0710

RESPONSE OF CAGED MINK TO SONIC BOOM ...Engineering Mechanics; Farm Structures & Design; Noise; Signal Analysis; Vibrations, -bioeffects; ...6.0087

EFFECTS OF SONIC BOOM ON MINK ...Behavior -vertebrate; Environmental Physiology; Noise; ...6.0095

Procyonidae

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Animal Behavioral Ecology; Biological Rhythms; Motivation and Instinct; Odocoileus; Rabbits; Range Or Territorial Distr.; Teal, Green-winged; Vertebrates Excl. Man; ...5.0413

Cervidae

Alces

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

Cervus

EFFECTS OF HERBICIDES ON USE OF SAGEBRUSH LANDS BY WILDLIFE ...Animal Habitat Studies; Artemisia; Birds; Deer - nonspecific; Food Supply; Grouse; Herbicides -nonspecific; Mammals; Pesticide Action on Animals; Plant Succession; Wildlife - nonspecific; ...4.0580

PESTICIDE RESIDUES AND PARASITES IN BIG GAME MAMMALS ...Antilocapridae; Forest Environment -general; Nematoda; Ovis; ...4.0845

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

Deer -nonspecific

STATE WIDE WILDLIFE INVESTIGATIONS ...Chemical Analysis; Forest Fires -see Fire; Mammals; T, 2,4,5-; Wildlife Habitat Management; ...4.0333

EFFECTS OF HERBICIDES ON USE OF SAGEBRUSH LANDS BY WILDLIFE ...Animal Habitat Studies; Artemisia; Birds; Cervus; Food Supply; Grouse; Herbicides -nonspecific; Mammals; Pesticide Action on Animals; Plant Succession; Wildlife -nonspecific; ...4.0580

PESTICIDE-WILDLIFE RELATIONSHIPS - REPRODUCTION, GROWTH, AND PHYSIOLOGY OF DEER FED DIELDRIN CONTAMINATED DIETS ...Dieldrin -see Pesticides; Laboratory Animals; Pesticide Formulation; Pesticide Tolerance Rate; Tissue Accumulation Rates; ...4.0744

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

PRELIMINARY MONITORING OF PESTICIDES ...DDT; Dieldrin; Mercury; Partridge; Pheasant; ...s 0856

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation; Bos; Cricetidae -other; Felidae; Forest Environment -general; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Vertebrates Excl. Man; ...5.0258

THE DETERMINATION OF PLUTONIUM 239 IN LUNG TISSUE BY ACTIVATION ANALYSIS ...Atomic Bomb; Fast Neutrons; Plutonium; Radiologic Health; ...5.0819

Odocoileus

PESTICIDE-WILDLIFE RELATIONSHIPS ...Birds; DDT; Insecticides -nonspecific; Mammals; Pesticide Residues; Quail; Rabbits; ...4.0530

TOXICOLOGY OF SELECTED PESTICIDES IN SELECTED WILDLIFE SPECIES ...Behavior -vertebrate; Mallard; Pathology; Pesticide Phytotoxicity; Pesticides -nonspecific; Quail; ...4.0581

EFFECTS OF CHEMICAL SAGEBRUSH CONTROL ON MULE DEER IN THE MISSOURI RIVER BREAKS, MONTANA ...Animal Habitat Studies; Artemisia; Ground Census; Mammals; Telemetry; Wildlife Habitat Management; ...4.0749

PESTICIDE RESIDUES AND PARASITES IN BIG GAME MAMMALS ...Antilocapridae; Cervus; Forest Environment -general; Nematoda; Ovis; ...4.0845

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic Bomb; Colorado; Grasslands; Ochotonidae; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; X and Gamma Rays; ...5.0211

AN EVALUATION OF THE FACTORS INVOLVED IN BIOACCUMULATION OF GAMMA EMITTING RADIONUCLIDES IN WILD DEER ...Animal Habitat Studies; Animal Productivity; Canidae; Cesium; Cricetidae -other; Passeriformes; X and Gamma Rays; ...5.0257

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Animal Behavioral Ecology; Biological Rhythms; Motivation and Instinct; Procyonidae; Rabbits; Range Or Territorial Distr.; Teal, Green-winged; Vertebrates Excl. Man; ...5.0413

AEC ANIMAL INVESTIGATION PROGRAM ...Animal Migration; Bos; Environmental Ecology; Ovis; Reactor Sites & Rad Waste; ...5.0421

Rangifer

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

FATE AND EFFECTS OF RADIONUCLIDES IN ALASKA ...Alaska; Cesium; Lichenes; Radiation Effects - Biological; Radiologic Health; Strontium; ...5.0736

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Cobalt, Europium; Lichenes; Radiation Resistance -animals; Radiologic Health; Ruthenium; Stibium; Zirconium; ...5.0742

Cetacea

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

Insectivora

Insectivora -other

ACUTE AND CHRONIC RADIATION EFFECTS IN MAMMALS ...Cricetidae -other; Marsupialia -other; Primates -nonspecific; Radiation Effects - Man; Radiation, Low Level; X and Gamma Rays; ...5.0287

Soricidae

DISEASE OF WILD SMALL MAMMAL POPULATIONS ON RADIOECOLOGY STUDY AREAS ...Air Pollution -see Specifics; Animal Habitat Studies; Cricetidae -other; Pathology; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; ...5.0634

Livestock -nonspecific

SELECTED AIR POLLUTANTS AFFECTING PLANTS AND HEALTH ...Air Pollution -see Specifics; Arachis; Food Processing Industries; Mammals -nonspecific; Respiratory Irritants, Inhaled; ...1.0423

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

POLLUTION POTENTIAL OF RUNOFF FROM LIVESTOCK FEEDING OPERATIONS ...Agricultural Runoff; Biochemical Oxygen Demand; Chemical Oxygen Demand; Coliforms -nonspecific; Precipitation; South Dakota; ...2.0361

LIVESTOCK FARMSTEAD WATER SYSTEMS ...Chemical Treatment (water); Farm Structures & Design; Flow Characteristics (water); Mathematical Models; Pumps; Water Distribution Systems; Water Utilization -general; ...2.0901

ANIMAL WASTE UTILIZATION FOR POLLUTION ABATEMENT ...Agricultural Runoff; Farm Animal Wastes; Soil Microbiology; Waste Disposal on Soils; ...2.1053

ABSTRACT SERVICE ON ANIMAL WASTE TECHNICAL LITERATURE ...Abstracts; Animal Wastes - Feed Lots; Farm Animal Wastes; Product Development Research; ...3.0007

AGRICULTURAL WASTE INVESTIGATIONS ...Farm Animal Wastes; Pesticide Residues; Pesticides -nonspecific; Training Grants, Fellowships; ...3.0010

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Clay Soils; Farm Animal Wastes; Irrigation; Poultry -nonspecific; Silty Soils; Soil Types -also See Specifics; Waste Disposal on Soils; Zea Mays - Field Corn; ...3.0147

CLOSED SYSTEM WASTE MANAGEMENT FOR LIVESTOCK ...Animal Wastes - Feed Lots; Farm Animal Wastes; Management (water); ...3.0182

IMPROVE METHODS, EQUIPMENT & FACILITIES FOR HANDLING WASTE MATERIAL FROM LIVESTOCK MARKETS & FEEDLOT ...Agricultural Runoff; Costs -see Economics Entries; Farm Animal Wastes; Lagoon; Taste & Odor of Water; Water Costs; ...3.0203

EVALUATION OF MEAT ANIMAL HOUSING SYSTEMS IN RELATION TO POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Dust; Farm Structures & Design; Groundwater; Space Requirements; Wind -see Air Motion; ...3.0209

LIVESTOCK WASTE DISPOSAL SYSTEM INVOLVING REUSE OF WATER ...Aeration (water); Aluminum; Bos; Farm Animal Wastes; Sand Filters; Water Reuse; ...3.0257

WASTE TREATMENT FACILITIES DEMONSTRATION ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Pilot Plants; Red River; ...3.0258

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Groundwater; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Trickling Filters; Waste Disposal on Soils; Water Quality Control -general; ...3.0279

MULTICRITERIAL EVALUATION OF ENVIRONMENTAL PESTICIDES ...Behavior -vertebrate; Chemical Analysis; Dieldrin; Domestic Animals; Pesticide Legal Aspects; Pesticide Tolerance Rate; Pesticide Toxicity in Humans; ...4.0619

FORAGE INSECT INVESTIGATIONS ...Animal Migration; Insecticides -nonspecific; Lotus; Pesticide Evaluation; Population Dynamics -general; Trifolium; Zea Mays - Field Corn; ...4.0768

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN RELATION TO INSECTS AFFECTING LIVESTOCK ...Biodegradation; Chemical Analysis; Domestic Animals; Insecticides -nonspecific; Liquids Or Sprays; Pesticide Evaluation; Pesticide Residues; ...4.0863

TOXIC EFFECTS OF AGRICULTURAL CHEMICALS ON REPRODUCTION IN ANIMALS ...Chemical Mutagenesis; Experimental Teratology; Lethal Mutation; Mammals -nonspecific; Pesticide Formulation; Pesticides -nonspecific; ...4.0867

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

ANALYTICAL SERVICES ...Insecticides -nonspecific; Pesticide Residue Analysis; Plant Tissue Analysis -chem.; ...4.0984

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Animal Wastes - Feed Lots; Economic Efficiency; Environment; Erosion; Optimization, Economic; Pesticides -nonspecific; Sediments; Welfare Economics; ...4.1013

CONTROL OF FISSION PRODUCTS INGESTED BY LIVESTOCK ...Bos; Cesium; Iodine; Strontium; Vertebrates Excl. Man; X and Gamma Rays; ...5.0482

EFFECTS OF FALLOUT RADIATION ON AGRICULTURE ...Plants; Radioactive Fallout-cf Fallout; Vertebrates Excl. Man; ...5.0657

Mammals -nonspecific

TOBACCO SMOKE AND LUNG BIOCHEMISTRY ...Air Pollution -see Specifics; Cell Injury and Autolysis; Respiratory Irritants, Inhaled; Toxicology; ...1.0171

ANATOMY OF THE RESPIRATORY SYSTEM IN HEALTH AND DISEASE ...Air Pollution -see Specifics; Gallus Domesticus; Quail; Respiratory Disease; Vertebrate Anatomy; ...1.0175

SMOG EYE IRRITATION - EXPERIMENTAL AND CLINICAL STUDIES ...Air Pollution -see Specifics; Cellular Biosynthesis; Smog -see Air Pollution; ...1.0178

CARBON MONOXIDE AND HUMAN INFORMATION PROCESSING ...Air Pollution -see Specifics; Carbon Monoxide; Learning and Retention; Psychology; Sensory & Perceptual Processes; Toxicology; ...1.0182

BIOCHEMICAL AND HISTOCHEMICAL INVESTIGATIONS OF ENZYME SYSTEMS IN MAMMALIAN LUNG ...Air Pollution - see Specifics; Biochemical Analysis - Tissues; Catalysts; Respiratory Irritants, Inhaled; Spectrographic Techniques; ...1.0187

LUNG ALVEOLAR SURFACTANT - PHYSIOLOGICAL, BIOCHEMICAL, AND THERAPEUTIC ASPECTS IN CARDIOPULMONARY DISEASE ...Air Pollution -see Specifics; Respiratory Disease; Surface Active-other; ...1.0195

STUDIES OF ENVIRONMENTAL AIR POLLUTANTS ...Air Pollution -see Specifics; Amphibians; Carbon; Experimental Teratology; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0196

THE EFFECT OF INFLUENZA VIRUS AND NICOTINE ON THE NUCLEAR STRUCTURE OF CILIATED HUMAN EPITHELIUM ...Air Pollution -see Specifics; Respiratory Irritants, Inhaled; Time-lapse Photography; Viral Carcinogenesis; ...1.0199

FUNCTIONAL ADAPTATIONS TO ATMOSPHERIC CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution-chemistry; Carbon Monoxide; Nitrogen and Nitrogen Cpds.; Psychology; Toxicology; ...1.0210

AEROBIOLOGY PROGRAM ...Aerobiology; Air Pollution -see Specifics; Conservation of Ecosystems; Microorganisms -nonspecific; Plant Pathology - Env. Relat.; Range Or Territorial Distr.; ...1.0216

TOXIC EFFECTS OF AIR FORCE CHEMICALS AND MATERIALS ...Air Pollution -see Specifics; Aviation Medicine; Environmental Effects - Human; Military Personnel; Occupational Hazards; Toxic Substances; Toxicology; ...1.0218

A MODEL OF MUCOCILIARY FUNCTION AND VISCOELASTICITY ...Air Pollution -see Specifics; Medical Physics; ...1.0223

INITIATE A STUDY AND BEGIN COLLECTION OF DATA ON THE EFFECTS OF IN-VIVO EXPOSURE TO CO ON ERYTHROCYTE METABOLISM ...Air Pollution -see Specifics; Anoxia and Hypoxia; Carbon Monoxide; Developmental Physiology; Gases; Ionic Effect; Toxicology; ...1.0247

COLLECTION OF DATA RELATED TO THE CARCINOGENIC POTENTIAL OF HYDROCARBONS & ASSOCIATED POLLUTANTS COLLECTED DIRECTLY FROM THE AIR (ABBREV) ...Air Pollution; Air Pollution -see Specifics; Air Pollution-chemistry; Chemical Carcinogenesis; Respiratory Irritants, Inhaled; ...1.0265

COMPLETE A STUDY AND PREPARE A REPORT ON THE EFFECTS OF EXPOSURE TO OXIDANT AIR POLLUTION ON LUNG DEFENSIVE MECHANISMS OF ANIMALS ...Air Pollution -see Specifics; Respiratory Irritants, Inhaled; ...1.0268

COLLECTION OF DATA ON THE BIOCHEMICAL CHARACTERIZATION OF LUNG SURFACTANT AS IT IS AFFECTED BY EXPOSURE TO AIR POLLUTANTS (ABBREV) ...Air Pollution -see Specifics; Biochemical Analysis - Tissues; Respiratory Irritants, Inhaled; Surface Active-other; ...1.0269

COMPLETE A STUDY AND PREPARE A REPORT ON THE IMMUNOLOGIC CHARACTERIZATION OF LUNG SURFACTANT USING IMMUNO-ASSAY TECHNIQUES ...Air Pollution -see Specifics; Surface Active-other; ...1.0270

A REPORT ON THE INFLUENCE OF EXPOSURE TO LOW LEVELS OF OZONE ON THE STRUCTURAL INJURY PRODUCED BY BACTERIAL INFECTIOUS AGENTS (ABBREV) ...Air Pollution -see Specifics; Bacteria -nonspecific; Cell Injury and Autolysis; Respiratory Irritants, Inhaled; ...1.0272

ALTERATIONS IN DISTRIBUTION & CALIBRE OF MYOCARDIAL VASCULATURE EXPOSED TO CO DETECTED BY CARDIOMORPHOMETRIC TECHNIQUES (ABBREV) ...Air Pollution -see Specifics; Carbon Monoxide; ...1.0277

PHAGOCYTOSIS AND BACTERIAL KILLING BY ALVEOLAR MACROPHAGES ...Air Pollution -see Specifics; Amino Triazole; Laboratory Animals; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Phagocytosis; Sulfur Dioxide; ...1.0282

CONTINUE STUDIES OF HUMAN BLOOD LEAD LEVELS IN RELATION TO ATMOSPHERIC LEAD LEVELS ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Fuels; Lead; Toxicology; ...1.0284

EFFECTS OF AIR FORCE PROPELLANTS ON THE METABOLISM AND BIOCHEMISTRY OF BODY ORGANS ...Digestive System - Human; Fire Research -see Forest Fire; Propellants; Toxic Substances; Toxicology; ...1.0286

PERFORMANCE DECREMENTS IN AIR CREWS EXPOSED TO CONTAMINATED LIFE SUPPORT GASES ...Accident; Air Pollution -see Specifics; Aviation Medicine; Performance - Behavioral Study; Psychology; Toxicology; ...1.0301

SURVEY OF AIRBORNE FLUORIDES IN GLACIER NATIONAL PARK AND EFFECTS ON VEGETATION AND WILDLIFE ...Air Pollution -see Specifics; Fluorine; Plant Community Mapping; Plant Response to Env. -ns; Pollution Effects -see Water; Rodentia -other; Wildlife -nonspecific; ...1.0363

SELECTED AIR POLLUTANTS AFFECTING PLANTS AND HEALTH ...Air Pollution -see Specifics; Arachis; Food Processing Industries; Livestock -nonspecific; Respiratory Irritants, Inhaled; ...1.0423

ALLEVIATION OF LAKE POLLUTION BY UTILIZATION OF AQUATIC PLANTS FOR NUTRITIONAL, MEDICINAL OR INDUSTRIAL PURPOSES ...Aquatic Plants -nonspecific; Cultural Control; Minnesota; Taxonomy -plant; ...2.0207

TOXICOLOGICAL INVESTIGATIONS OF ORGANICS FOUND IN WATER SUPPLIES ...Food Contamination; Organic Matter; Potable Water; Water Pollution -see Specifics; ...2.0717

ESCHERICHIA COLI SEROTYPES IN MICROBIAL POLLUTION OF WATER ...Bacterial Pollutant Sources; Bacterial Population Surveys; Bacterial Serology; Escherichia Coli; Sewage; Water Pollution -see Specifics; ...2.0763

PHARMACEUTICALS RESEARCH ...Animal Productivity; Coelenterata; Invertebrate Physiology; Sphyraenidae; Toxicology; ...2.1528

A SOCIO-ENVIRONMENTAL STUDY OF A RIVER VALLEY ...Costs -see Economics Entries; Ohio; River Basins; Social Aspects; Towns; ...2.1894

RESEARCH STUDIES RELATED TO DEVELOPMENT OF A CRAWFISH PROCESSING INDUSTRY IN LOUISIANA ...Commercial Fishing; Crayfish; Enterprise Studies; Farm Animal Wastes; Food Engineering & Technology; Marketing; Supply; ...3.0374

PESTICIDES IN MAMMALIAN CELL SYSTEMS ...Cellular Biosynthesis; DDT; Dieldrin; Kinetics; Laboratory Animals; Pesticide Action on Animals; ...4.0533

REMOVAL OF COMPETING PAMPAS GRASS (CORTADERIA SELLOANA) FROM REDWOOD REFORESTATION AREAS ...D, 2,4-; Graminese; Pesticide Application Rates; Pesticide Formulation; Picea; Sequoia; ...4.0541

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Chemical Analysis; Gallus Domesticus; Laboratory Animals; Organophosphorous Cpds.; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0548

WILDLIFE VS. BIDRIN AND DIMETHOATE USE IN SEED ORCHARDS ...Animal Distribution; Bidrin; Birds; Dimethoate; Mammals; Pesticide Legal Aspects; Population Dynamics - general; ...4.0575

THE D AND THE L ISOMERS OF O,P'-DDT ...DDT; DDT -see Pesticides; Pesticide Action on Animals; Pesticide Toxicity in Animals; Toxicology; ...4.0600

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0633

FACTORS AFFECTING PESTICIDE TOXICITY ...Amphibians; Birds; Fish; Insecticides -nonspecific; Pesticide Action on Animals; Pesticides Compatibility; ...4.0656

SUBLIMINAL PHARMACOLOGY AND CARCINOGENESIS ...Cell Injury and Autolysis; Chemical Carcinogenesis; Cytotoxin; Environmental Carcinogenesis; Food Contamination; Toxicology; ...4.0659

NEW APPROACHES TO INSECT CONTROL IN MILITARY INSTALLATIONS WITHOUT THE USE OF PESTICIDES ...Military Personnel; Water Pollution -see Specifics; ...4.0660

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

SELECTIVE TOXICITY - AN APPROACH TO ENVIRONMENTAL HEALTH ...Air Pollution-chemistry; Animal; Environmental Effects - Human; Sulfur; ...4.0764

MECHANISMS OF INSECTICIDAL ACTION ...Animal Pharmacology; Chlorinated Hydrocarbons; Pesticide Action on Animals; Pesticide Toxicity in Animals; ...4.0772

THE EVALUATION OF CARBAMATE-INDUCED ANTICHOLINESTERASE EFFECTS IN THE FETUS ...Carbamates -nonspecific; Carbamates -see Pesticides; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Pesticide Action on Animals; Toxicology; ...4.0784

THE TERATOGENIC EVALUATION OF THE HERBICIDE 2,4,5-T AND DIOXIN ...Environmental Effects - Human; Herbicides - nonspecific; Pesticide Action on Animals; Pesticides -other; T, 2,4,5-; ...4.0785

NORMAL AND MODIFIED PLACENTAL TRANSFER AND TISSUE DISTRIBUTION OF ENVIRONMENTAL AGENTS ...Developmental Physiology; Dieldrin; Diquat; Environmental Effects - Human; Laboratory Animals; Paraquat; Pesticide Action on Animals; ...4.0788

EVALUATION OF THE ANIMAL AND HUMAN COMPLAINTS FOLLOWING THE SPRAYING OF SILVEX, 2,4,5-T AND 2,4-D IN GLOBE, ARIZONA ...Arizona; Domestic Animals; Liquids Or Sprays; Pesticide Toxicity in Humans; T, 2,4,5-; ...4.0789

A CHEMICAL & MORPHOLOGICAL STUDY OF THE NEUROPATHY INDUCED BY ANTICHOLINESTERASE PESTICIDE ...Laboratory Animals; Pesticide Action on Animals; Pesticides -nonspecific; Toxicology; ...4.0792

GENERAL TESTING OF ENVIRONMENTAL CHEMICALS FOR EFFECTS ON GROWTH AND DEVELOPMENT ...Animal Pharmacology; Developmental Physiology; Environmental Effects - Human; Fungicides -nonspecific; Herbicides -nonspecific; Laboratory Animals; Toxicology; ...4.0796

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Animal Resistance; Bos; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Residues; Sevin; ...4.0860

TOXIC EFFECTS OF AGRICULTURAL CHEMICALS ON REPRODUCTION IN ANIMALS ...Chemical Mutagenesis; Experimental Teratology; Lethal Mutation; Pesticide Formulation; Pesticides -nonspecific; ...4.0867

BRAIN LESIONS, BEHAVIOR CHANGES AND PESTICIDE RESIDUES ...Anseriformes; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0882

MECHANISMS OF INSECTICIDE DEGRADATION ...Animal; Cellular Catabolism-see Degrad; Insecticides -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0916

RESIDUES OF SELECTED PESTICIDES ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Pesticide Drift; Pesticide Residues; Pesticide Volatility; ...4.0924

BIOASSAY OF SUCKER CONTROL CHEMICALS AND PESTICIDE RESIDUE ON LEAF TOBACCO ...Bioassay; Carbon; Maleic Hydrazide; Nicotiana; Pesticide Residues; Tobacco Products &/or Smoking; Tween-80 -see Surfactants; ...4.0968

PESTICIDE STRESS EFFECTS ON EXPERIMENTAL ECOSYSTEMS ...Arthropods; Contamination -see Air & Water; Pesticide in Food Chains; Pesticide Toxicity -general; Pesticides - nonspecific; Petroleum Industry; Pollution Effects -see Water; ...4.0975

MODE OF ACTION OF INSECTICIDES ...Animal; Herbicides and Other Chem; Insecticides -nonspecific; Pesticide Action on Animals; Pesticide Action on Plants; Pesticide Residue Analysis, Plant; ...4.1032

HISTOLOGICAL PROCESSING AND PATHOLOGICAL EXAMINATION OF SELECTED ANIMAL TISSUES ...Digestive System - Human; Laboratory Animals; Pesticides -nonspecific; Toxicology; ...4.1041

ENVIRONMENTAL OCCURRENCE OF N-NITROSO COMPOUNDS ...Air Pollution -see Specifics; Bioassays; Biochemical Analysis - Tissues; Chemical Carcinogenesis; Food Contamination; Toxicology; ...4.1044

INTERAGENCY REVIEW OF THE HEALTH HAZARDS OF URANIUM MINING - COMPARISON OF EXPERIMENTAL TO EMPIRICAL RESULTS ...Epidemiology; Miners; Radiation Carcinogenesis; Radiologic Health; Tumor Pathology; ...5.0060

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americum; Atomic Plants; Environment; Krypton; Radioactive Pollution -ns; River Basins; Water Pollutants - Path of; ...5.0073

RADIATION INJURY ASSOCIATED WITH HIGH ALTITUDE FLIGHTS AND SPACE OPERATIONS ...Altitude; Beta Particles; Injury and Shock; Protons; Radiation Effects - Biological; Radiologic Health; X and Gamma Rays; ...5.0079

METABOLISM OF HYDROGEN ISOTOPES ...Food Contamination; Hydrogen; Radiation Injury Prevention; Radiologic Health; Water Pollution -see Specifics; ...5.0141

LATE EFFECTS OF RADIATION IN MAMMALS ...Iodine; Radiation Chemistry -biophys.; Radiation, Lethal Dose; Radiation, Whole Body; Radiologic Health; Toxic Substances; X and Gamma Rays; ...5.0149

NUCLIDE METABOLISM ...Calcium; Cesium; Chlorine; Feces; Iron; Radiation Injury Prevemion; Sodium; Whole Body; ...5.0155

PROTRACTED RADIATION EFFECTS ...Healing; Injury -animal; Injury and Shock; Mathematical Models; Radiation Effects - Biological; X and Gamma Rays; ...5.0165

MODIFICATION OF RADIATION RESPONSE IN VITRO ...Anoxia and Hypoxia; Cellular Repair Mechanisms; Cricetus; Passive Transport, Diffusion; Radiation; Toxic Substances; ...5.0169

BASIC STUDIES OF THE IMMUNE RESPONSE AND THE EFFECT OF RADIATION ON THIS RESPONSE ...Cell Injury and Autolysis; Radiation Effects - Biological; Radioisotopes -nonspecific; Urine; Viruses - Animal; ...5.0178

FACTORS INFLUENCING THE RADIOSENSITIVITY OF ANIMAL TUMOURS ...Cancer; Radiation Sensitivity -man; ...5.0189

MECHANISMS INVOLVED IN THE CORRECTION OF RADIATION EFFECTS ...Radiation Effects - Biological; Radiation Injury Prevention; Radiation Sources -general; ...5.0191

ETUDE MORPHOLOGIQUE ET CYTOCHIMIQUE ULLRASTRUCTURALE DE L'ACTION DES RADIO PROTECTEURS SUR LE TUBE DIGESTIF ET LE SYSTIME GENITAL ...Digestive System - Human; Radistion Injury Prevention; ...5.0193

STUDIES ON REPAIR PROCESSES OCCURRING IN HAEMATOPOIETIC TISSUE FOLLOWING TOTAL-BODY RADIATION ...Healing; Radiation, Whole Body; ...5.0196

BEHAVIORAL RESPONSE OF MAMMALS TO IONIZING RADIATION ...Psychology; Radiation Effects - Biological; X and Gamma Rays; ...5.0198

PREVENTION OF RADIATION DAMAGE IN BONE ...Cell Injury and Autolysis; Radiation Injury Prevention; Radiation Sensitivity - man; Tetracycline; X and Gamma Rays; ...5.0236

ECOLOGICAL AND RADIO-ECOLOGICAL INVESTIGATIONS AT THE AEC SAVANNAH RIVER PLANT ...Amphibians; Animal Migration; Aquatic Ecology - Animal; Energy Budgets; Radiation Effects - Biological; Reptiles; ...5.0269

THEORY OF AGING, MORTALITY AND RADIATION INJURY ...Injury -animal; Lethal Mutation; Radiation Effects - Biological; Radiation Sensitivity -man; Simulation Theory; Statistics; X and Gamma Rays; ...5.0286

HISTOPATHOLOGICAL CHANGES IN LABORATORY ANIMALS EXPOSED TO PROTRACTED LOW-LEVEL TOTAL-BODY NEUTRONS AND GAMMA RAYS ...Neutron - see Radiation; Radiation, Low Level; Radiation, Whole Body; ...5.0306

RADIATION INDUCED CHROMOSOME DAMAGE AND CELL RESPONSE ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0311

STUDIES ON MECHANISMS OF IMMUNOSUPPRESSION AND CELLULAR MECHANISMS OF SECONDARY DISEASE ...Radiation Effects - Biological; ...5.0333

STUDY OF OCULAR EFFECTS OF CHRONIC EXPOSURE TO LASER RADIATION ...Injury and Shock; Laser Effects -bioeffects; Occupational Hazards; ...5.0337

AIRCREW VISUAL IMPAIRMENT/INJURY THRESHOLDS FROM NUCLEAR WEAPONS ...Cell Injury and Autolysis; Nuclear Warfare; Radiation; Radiation Dose Studies-general; Radiologic Health; ...5.0357

HISTOPATHOLOGIC, SERUM ENZYME AND OTHER CHANGES PRODUCED IN ANIMALS BY VARIOUS ENVIRONMENTAL AND OTHER STRESSES ...Bacteria -nonspecific; Exercise; Stressors, Physiological; X and Gamma Rays; ...5.0359

THE MECHANISM OF RADIATION SENSITIZATION BY 5-BROMODEOXYURIDINE IN CULTURED CHINESE HAMSTER CELLS ...Cell Injury and Autolysis; Cricetus; Radiation Chemistry -biophys.; Tumor Pathology; ...5.0366

RADIATION RESPONSE OF MAMMALIAN CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; Radiation Effects - Biological; ...5.0380

DERMATOLOGIC REACTIONS INDUCED BY SOLAR RADIATION ...Burns; Cellular Repair Mechanisms; Light-catalyzed; Mechanism Determination; Radiation Injury Prevention; Radiation Sources -general; Ultra Viole: Radiation; ...5.0381

THE INTERACTIONS BETWEEN ALPHA RADIATION AND CHEMICAL CARCINOGENS IN EXPERIMENTAL LUNG CANCER ...Alpha Particles; Chemical Carcinogenesis, Co-carcinogenesis; Radiation Carcinogenesis; Radiation Effects - Biological; Respiratory Disease; ...5.0383

HUMAN EYE LASER THRESHOLDS FOR AIR FORCE OPERATIONAL PERSONNEL ...Laser Effects -bioeffects; Lasers and Masers; Military Personnel; Minimum Or Threshold Dose; ...5.0399

EFFECTS OF RADIATION AND OTHER FACTORS ON THE DEVELOPING FORM AND FUNCTION OF THE NERVOUS SYSTEM ...Developmental Physiology; Experimental Teratology; Injury and Shock; Radiation Effects - Biological; ...5.0402

BIOCHEMICAL STUDIES IN THE OCULAR LENS IN RELATION TO CATARACTOGENESIS ...Metabolism and Biochemistry; X and Gamma Rays; ...5.0411

BIOCHEMICAL AND IMMUNOLOGICAL STUDIES OF ENZYMES OF METAZOAN PARASITES ...Invertebrates; Nematoda; ...5.0418

GENETIC EFFECTS OF PROGENITOR X-RAY EXPOSURE ON REPRODUCTION AND DEVELOPMENT IN PROGENY ...Cell Injury and Autolysis; Radiation Effects - Biological; X and Gamma Rays; ...5.0469

MECHANISMS OF RADIATION INDUCED PULMONARY EDEMA ...Radiation Effects - Biological; Respiratory Disease; ...5.0475

TOXICOLOGICAL STUDIES ON ANTIMALARIALS AND RADIATION COMPOUNDS ...Radiation Injury Prevention; ...5.0484

IRRADIATION EFFECTS ON DENTAL AND ORAL PROCEDURES ...Cobalt; Healing; X and Gamma Rays; ...5.0495

EFFECT OF RADIATION ON GLUCOSAMINOGLYCANS IN BONE ...Aging; Cellular Biosynthesis; Healing; Metabolism & Metab. Diseases; Radiation Effects - Biological; X and Gamma Rays; ...5.0496

EFFECT OF RADIATION ON PROTEINS AND RELATED COMPOUNDS ...Aging; Hydrogen; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0498

BEHAVIORAL AND NEURAL EFFECTS OF RADIATIONS AND TOXINS ...Burns; Digestive System - Human; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; ...5.0512

THE BIOLOGICAL EFFECTS OF ENVIRONMENTAL RADIATION ...Environmental Effects - Human; Radiation -see Specifics; Radiation Injury Prevention; Ultra Violet Radiation; ...5.0585

ADAPTIVE SPECIALIZATIONS IN LEARNING AND MEMORY ...Evolution; Injury and Shock; Learning and Retention; Motivation and Instinct; Sensory & Perceptual Processes; Toxicology; ...5.0588

PHYSIOLOGICAL AND PATHOLOGICAL STUDIES ON ANIMALS EXPOSED TO EXTRAORDINARILY LOW FREQUENCY (ELF) RADIATION FIELDS ...Radiation Effects - Biological; Radiation, Low Level; ...5.0596

EFFECT OF X-IRRADIATION ON THE HORMONAL REGULATION OF THE THYMOLYMPHATIC TISSUE AND THE IMMUNE RESPONSE ...Radiation Effects - Biological; X and Gamma Rays; ...5.0610

DOSE-TIME FACTORS INFLUENCING CELLULAR RADIOSENSITIVITY ...Anoxia and Hypoxia; Cell Injury and Autolysis; Radiation Sensitivity -man; X and Gamma Rays; ...5.0624

RESPONSES OF ANIMALS TO IONIZING RADIATION ...Amphibians; Fish; Invertebrates; Radiation Effects - Man; X and Gamma Rays; ...5.0640

LATE EFFECTS OF LOW DOSE RATE GAMMA RAYS DURING THE PRENATAL PERIOD ...Aging; Developmental Physiology; Experimental Teratology; Radiation Carcinogenesis; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0655

RADIATION AND BIOPHYSICAL STUDIES ON VIRUSES AND CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation, Radiation Sensitivity -man; X and Gamma Rays; ...5.0694

THE AGE FACTOR IN RADIATION SENSITIVITY OF MAMMALS ...Aging; Radiation Carcinogenesis; Radiation Sensitivity - man; Respiratory Disease; ...5.0713

THE EFFECTS OF X-IRRADIATION ON STEROID BIOTRANSFORMATIONS BY TESTICULAR TISSUE ...Cellular Biosynthesis; Radiation; Radiation Sensitivity -man; Radiation, Whole Body; X and Gamma Rays; ...5.0716

INHALATION STUDIES - AEROSOL TECHNOLOGY STUDIES ...Aerosols; Biochemical Analysis - Tissues; Instrument Services; Plutonium; Radiation Injury Prevention; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0747

U.S. TRANSURANIUM REGISTRY OF AEC, AEC CONTRACTOR AND LICENSEE EMPLOYEES ...Americum; Occupational Hazards; Plutonium; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0756

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Microorganisms; Picea; Plants; Populus; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0769

THE APPLICATION OF SOLID-STATE LITHIUM-DRIFTED GERMANIUM DETECTORS TO THE ANALYSIS OF RADIONUCLIDES IN BIOLOGICAL AND ENVIRONMENTAL SAMPLES ...Air Pollution -see Specifics; Dosimetry; Radiation, Whole Body; Radioactive Isotopes; Radiologic Health; Tumor Pathology; ...5.0780

BIOCHEMICAL ASSAYS IN RADIATION RESPONSE ...Biochemical Analysis - Tissues; Cancer; Radiation Effects - Biological; ...5.0794

DEPTH DOSE PARAMETERS FOR FAST NEUTRONS IN TISSUE ...Cancer; Dosimetry; Fast Neutrons; Neutron -see Radiation; Radiation Injury Prevention; Yeasts -nonspecific; ...5.0797

BIOLOGICAL INDICATORS OF RADIATION INJURY ...Biological Dosimetry; Radiation Dose Studies-general; Radiation Sensitivity dman; Radiation Sources -general; Urine; ...5.0805

VISUAL CELLULAR STIMULATION BY HIGH ENERGY QUANTA ...Bacterial Exotoxins; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0812

TRACING RADIONUCLIDES IN HUMANS AND ANIMALS BY HELICAL SCANNING ...Body Isotope Burden; Radiation Injury Prevention; Radioactive Hazard; X and Gamma Rays; ...5.0818

ABSORBED DOSE DUE TO INTERNAL RADIATION EMITTERS ...Monte Carlo Methods; Radioisotopes -nonspecific; ...5.0856

RADIOACTIVITY STUDIES ...Radiation Injury Prevention; Radioisotopes -nonspecific; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0871

AN INVESTIGATION INTO THE PHARMACOLOGICAL PROPERTIES OF ANTI-IRRADIATION DRUGS ...Cellular Biosynthesis; Radiation Injury Prevention; Sulfhydryl Compounds; ...5.0887

INFLUENCE OF RADIATION QUALITY AND DOSE RATE ON EARLY AND LATE EFFECTS IN CELL-RENEWAL SYSTEMS IN THE MAMMAL ...Developmental Biology -general; Dose Rate, Dose Fractionation; Dosimetry; Fast Neutrons; Neutron -see Radiation; Radiation; X and Gamma Rays; ...5.0891

RADIOLOGICAL AND HEALTH PHYSICS INFORMATION CENTER FOR INTERNAL EXPOSURE ...Data & Statistics Info Storage; Radiation Injury Prevention; Radiologic Health; ...5.0926

INHALATION HAZARDS TO URANIUM MINERS - RADIOCHEMICAL STUDIES ...Aerosols; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Radium; Scintillation Counting; Spectrographic Techniques; ...5.0961

THE CLIMATE LABORATORY IN LUND (1967) ...Auditory Stress; Building Construction; Noise; Stressors, Physiological; Temperature & Humidity Effects; ...6.0109

STUDY OF THERMAL EFFECTS DUE TO PROPAGATION OF SOUND WAVES IN TISSUES ...Acoustics; Heat Transfer; Mathematical Models; Temperature - Human Body; Ultrasonic - bioeffects; ...6.0119

Marsupialia

Didelphidae

BLOOD FORMATION IN THE EMBRYO (NEWBORN) OPOSSUM ...Developmental Physiology; Digestive System - Human; Immunology; Radiation, Whole Body; ...5.0206

Marsupialia -other

ACUTE AND CHRONIC RADIATION EFFECTS IN MAMMALS ...Cricetidae -other; Primates -nonspecific; Radiation Effects - Man; Radiation, Low Level; X and Gamma Rays; ...5.0287

Perissodactyla

Equidae

PULMONARY DEPOSITION AND CLEARANCE OF DUST IN MAN ...Air Pollution -see Specifics; Digestive System - Human; Dust; Medical Physics; Respiratory Irritants, Inhaled; Tobacco - cigarettes; Urban Environment; ...1.0230

LITERATURE REVIEW ON THE EFFECT OF AIR POLLUTANTS ON LIVESTOCK AND POULTRY ...Air Pollution -see Specifics; Arsenic; Environment Resistance-animals; Fluorine; Literature Search; Poultry -nonspecific; Sus; ...1.0352

FLUOROSIS IN PLANTS AND ANIMALS ...Air Pollution -see Specifics; Bovidae -other; Injury -animal; Ovis; ...1.0428

DEPRESSION OF BLOOD CHOLINESTERASE ACTIVITY BY ORGANOPHOSPHATE COMPOUNDS ...Domestic Animals; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0588

METABOLISM AND TOXICITY OF ORGANOPHOSPHORUS INSECTICIDES ...Animal; Insecticides -nonspecific; Muridae; Pesticide Action on Animals; Pesticides -other; ...4.1025

LATE EFFECTS OF WHOLE-BODY GAMMA AND MIXED NEUTRON-GAMMA IRRADIATION ON LARGE ANIMALS ...Neutron -see Radiation; Radiation, Lethal Dose; Radiation, Whole Body; Vertebrates Excl. Man; X and Gamma Rays; ...5.0661

LATE EFFECTS OF WHOLE-BODY GAMMA IRRADIATION ON THE WORK PERFORMANCE AND RELATED PHYSIOLOGY OF SHETLAND PONIES ...Exercise; Radiation, Whole Body; Temperature & Humidity Effects; Temperature - Air; Temperature - Human Body; Vertebrates Excl. Man; X and Gamma Rays; ...5.0662

Pinnipedia

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

Primates

Ceboidea

AIR POLLUTION AND RESPIRATORY INFECTIONS ...Air Pollution -see Specifics; Phagocytosis; Rabbits; Respiratory Bacteria; Respiratory Disease; ...1.0281

BEHAVIORAL PHARMACOLOGY AND TOXICOLOGY ...Canidae; Muridae; Pigeon; Toxicology; ...1.0382

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - INTERACTIONS OF ENDRIN AND ANTICONVULSANT DRUGS IN THE CEREBRAL CORTEX OF ANESTHETIZED ANIMALS ...Endrin; Felidae; Pesticide Action on Animals; Pesticide Toxicity in Humans; Strigiformes; ...4.0813

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - ANALYSIS OF EEG CHANGES INDUCED BY CHRONIC ENDRIN ADMINISTRATION ...Endrin; Laboratory Animals; Metabolism & Metab. Diseases; Pesticide Action on Animals; Stressors, Physiological; Toxicology; ...4.0816

MAMMALIAN STUDIES WITH ACCELERATORS: INVESTIGATIONS WITH LARGE ANIMALS ...Cercopithecoides; Radiation Effects - Biological; Radiation Sensitivity -man; Radiation Sources -general; Radiation, Lethal Dose; ...5.0121

COMPARATIVE IN VIVO - IN VITRO RADIOSENSITIVITY OF MAMMALIAN PERIPHERAL LYMPHOCYTES ...Radiation Effects - Biological; Radiation Sensitivity -man; Radiation, Whole Body; ...5.0928

BIOCHEMICAL CORRELATES IN ENVIRONMENTAL STRESS ...Acceleration Effects - Human; Cellular Biosynthesis; Environmental Effects - Human; Muridae; Noise; Radiation -see Specifics; Stressors, Physiological; ...6.0108

Cercopithecoidea

OCCUPATIONAL HEALTH HAZARDS OF RUBBER DUST ...Air Pollution -see Specifics; Elastomers; Medical, Dental Materials; Occupational Hazards; Toxicology; ...1.0287

MAMMALIAN STUDIES WITH ACCELERATORS: INVESTIGATIONS WITH LARGE ANIMALS ...Ceboidea; Radiation Effects - Biological; Radiation Sensitivity -man; Radiation Sources - general; Radiation, Lethal Dose; ...5.0121

EFFECTS OF LOW-LEVEL IRRADIATION ON DEVELOPING OVARIES OF DOGS AND MONKEYS ...Canidae; Radiation Effects - Biological; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0133

RESPONSE OF CELLS DERIVED FROM SJTS INJURED BY PHYSICAL TRAUMA, RADIATION OR INFECTIOUS AGT EXPOSURE ...Biological Dosimetry; Cell Injury and Autolysis; Military Personnel; Occupational Hazards; Radiation; Radiologic Health; Trauma; ...5.0241

PERFORMANCE IN NONHUMAN PRIMATES AS INFLUENCED BY LOW FREQUENCY ELECTROMAGNETIC FIELDS ...Electromagnetic Field; Radiation, Low Level; ...5.0251

LASER EFFECTS UPON VISUAL PERFORMANCE ...Cell Injury and Autolysis; Light; Psychology; Radiation -see Specifics; Sensory & Perceptual Processes; ...5.0336

THE BIOLOGY OF THE RETINAL PIGMENT EPITHELIAL CELL ...Light; Radiation; Radiation -see Specifics; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0377

DOSE-RESPONSE AND RECOVERY KINETICS FROM LOW-INTENSITY CONTINUOUS AND SUBLETHAL ACUTE GAMMA-RAY EXPOSURES WITH DOGS AND PRIMATES ...Canidae; Radiation, Low Level; Vertebrates Excl. Man; X and Gamma Rays; ...5.0468

PATHOGENESIS OF EARLY AND LATE EFFECTS OF X-IRRADIATION ON THE RAT AND MONKEY FOREBRAIN ...Muridae; Psychology; Radiation Effects - Biological; X and Gamma Rays; ...5.0519

RADIATION ALTERED AIRCREW TRACKING ABILITY ...Military Personnel; Performance - Behavioral Study; Psychology; Radiation Effects - Biological; Radiation Sources -general; Sensory & Perceptual Processes; Systems Research; ...5.0700

USE OF IONIZING RADIATIONS AS STIMULI ...Beta Particles; Muridae; Pigeon; Vertebrates Excl. Man; X and Gamma Rays; ...5.0815

Monkey

STUDIES ON HAZARDS OF THE TRANSPLUTONIUM ELEMENTS ...Actinium A C; Body Isotope Burden; Colloids; Gold; Muridae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0117

THE STUDIES OF IONIZING RADIATION AS STIMULI ...Biological Rhythms; Learning and Retention; Muridae; Psychology; Toxic Substances; ...5.0254

FUNCTIONAL AND STRUCTURAL ALTERATIONS FOLLOWING X-IRRADIATION OF THE CEREBRAL CORTEX OF THE MONKEY ...Injury and Shock; Radiation Effects - Biological; X and Gamma Rays; ...5.0358

COMPARATIVE METABOLISM OF RADIONUCLIDES BY MAMMALS - FACTORS WHICH ALTER NORMAL METABOLIC PARAMETERS ...Canidae; Cesium; Rodentia - other; Vertebrates Excl. Man; X and Gamma Rays; ...5.0459

RADIATION INJURY AND RECOVERY IN DOGS AND PRIMATES ...Canidae; Injury -animal; Radiation Effects - Biological; ...5.0465

BIOLOGIC AND PHYSICAL ASPECTS OF AIRBORNE AGENTS ...Canidae; Europium; Injury and Shock; Lutecium; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Uranium; ...5.0502

MORPHOLOGICAL AND CYTOLOGICAL STUDIES OF LUNG RESPONSES TO INHALATION AND IRRADIATION ...Aerosols, Plutonium; Radiation Dose Studies-general; Respiratory Irritants, Inhaled; Tumor Pathology; X and Gamma Rays; ...5.0510

KINETICS OF HEMATOPOIETIC STEM CELL PROLIFERATION FOLLOWING X-IRRADIATION ...Canidae; Dosimetry; Radiation, Radiation, Whole Body; ...5.0517

THE RADIOSENSITIVITY OF MAMMALIAN GERM CELLS ...Aging, Cellular Physiology- Env. Eff., Muridae; Mustelidae; Radiation Sources -general; ...5.0710

HIGH FREQUENCY ELECTROMAGNETIC HAZARD MEASUREMENTS ...Biological Dosimetry; Dosimeters -see Dosimetry; Electromagnetic Field; Instrumentation; Radiation Sources - general; ...5.0800

STUDIES IN THE USE OF IONIZING RADIATION AS STIMULI ...Beta Particles; Learning and Retention; Muridae; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; ...5.0814

TRAUMATIC ORIGINS OF HEARING LOSS ...Auditory Physiology; Hearing Loss and Deafness; Noise; Toxic Substances; Trauma; Vibrations, -bioeffects; ...6.0083

Primates -nonspecific

PULMONARY EFFECTS OF ENVIRONMENTAL OXIDANT POLLUTANTS ...Cell Injury and Autolysis; Environmental Physiology; Industrial Pollution -general; Muridae; ...1.0173

PESTICIDE INDUCED MODIFICATION OF BEHAVIORAL AND BIOELECTRIC RESPONSES TO EXTERNAL STIMULI ...Behavior -vertebrate; Farm Safety -see Safety; Laboratory Animals; Pesticide Action on Animals; Psychology; ...4.0815

STUDIES OF TRANSURANIC ELEMENTS AND OTHER RADIOACTIVE BONE-SEEKERS ...Aging; Americium; Astatine; Californium; Muridae; Radiation Injury Prevention; Strontium; ...5.0108

ACUTE AND CHRONIC RADIATION EFFECTS IN MAMMALS ...Cricetidae -other; Marsupialia -other; Radiation Effects - Man, Radiation, Low Level; X and Gamma Rays; ...5.0287

HUMAN-PRIMATE COMPARATIVE EYE STUDY FOR LASER SAFETY CRITERIA ...Laser Effects -bioeffects; ...5.0299

RESEARCH PROGRAM IN DEVELOPMENTAL NEUROPSYCHOLOGY ...Exercise; Healing; Motivation and Instinct; Psychology; Radiation Effects - Biological; ...5.0321

EXPERIMENTAL ELECTROMAGNETIC RADIATION STUDIES ...Canidae; Electromagnetic Field; Escherichia Coli; Microwave and Radiofrequency; Radiation Sensitivity -man; ...5.0370

METABOLIC PROBLEM IN SECONDARY DISEASE ...Digestive System - Human; Immunology; Muridae; Nitrogen and Nitrogen Cpds.; Radiation, Whole Body; X and Gamma Rays; ...5.0618

LONG TERM EFFECTS OF INTENSE SPECTRAL LIGHT EXPOSURE ON PRIMATES ...Radiation -see Specifics; Radiation Effects - Biological; ...5.0695

RADIATION EFFECTS ON CREW-TYPE MULTIPLE TASKS ...Environmental Effects - Human, Nuclear Warfare; Radiation Effects - Biological; X and Gamma Rays; ...5.0699

EFFECTS OF IRRADIATION ON COMBAT CREW TASK COMPLEXITY ...Learning and Retention; Performance - Behavioral Study; Psychology; Radiation Sensitivity -man; ...5.0702

RADIATION PRODUCED BRAIN INJURY - AIRCREW PERFORMANCE DECREMENT ...Aviation Medicine; Psychology; Radiation Effects - Biological; Radiation Sources -general; ...5.0705

PREDICTION OF AIRCREW PERFORMANCE BY PSYCHOPHYSIOLOGICAL MONITORING ...Performance - Behavioral Study; Psychology; Radiation Effects - Biological; Stressors, Physiological; ...5.0948

Rabbits and Pikas

Ochotonidae

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic Bomb; Colorado; Grasslands; Plants; Radiation Effects -see Rad.; Radioactive Fallout-ef Fallout; Strontium; X and Gamma Rays; ...5.0211

Rabbits

AIR POLLUTION AND RESPIRATORY INFECTIONS ...Air Pollution -see Specifics; Ceboidea; Phagocytosis; Respiratory Bacteria; Respiratory Disease; ...1.0281

EFFECTS OF LOW LEVELS OF LEAD ON PROTEIN SYNTHESIS ...Air Pollution -see Specifics; Cellular Biosynthesis; Gases; Petroleum -see Oil; Respiratory Irritants, Inhaled; ...1.0294

LITERATURE REVIEW ON THE EFFECT OF AIR POLLUTANTS ON LIVESTOCK AND POULTRY ...Air Pollution -see Specifics; Arsenic; Environment Resistance-animals; Fluorine; Literature Search; Poultry -nonspecific; Sus; ...1.0352

DETERMINATION OF THE EFFECTS OF OIL IMMERSION ON SWAMP RABBITS ...Bands; Contamination - Water; Environmental Ecology; Nets; Petroleum -see Oil; Temperature - Air; ...3.1565

PESTICIDE-WILDLIFE RELATIONSHIPS ...Birds; DDT; Insecticides -nonspecific; Mammals; Odocoileus; Pesticide Residues; Quail; ...4.0530

FUNDAMENTAL APPROACHES TO DRUG TOXICITY ...DDT; Laboratory Animals; Muridae; Pesticide Action on Animals; TDE; ...4.0584

MODE OF ACTION OF INSECTICIDES AS RELATED TO INSECT METABOLISM AND BEHAVIOR ...Animal Resistance; Chlordan; DDT; Fish; Pesticide Application Rates; Pyrethrum; Salvelinus; ...4.0682

EFFECTS OF A PESTICIDE ON REPRODUCTION OF CONFINED COTTONTAILS ...Captive Rearing; Mammals; Pesticide Action on Animals; Pesticide Formulation; Population Dynamics - general; ...4.0747

THE BIOLOGY AND CONTROL OF ARTHROPODS AFFECTING MAN AND ANIMALS ...Baytex; Bos; Cythioate; Gardona; Pesticide Action on Animals; Pesticide Evaluation; Ruelene; ...4.0824

ENZYMIC MECHANISMS OF INSECTICIDE METABOLISM ...Animal; Catalysis; Mechanism Determination; Organophosphorous Cpds.; Pesticide Action on Animals; Radioisotopes -nonspecific; ...4.0853

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces, Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions, Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

SEQUENTIAL STUDY OF ULTRASTRUCTURAL CHANGES IN EXPERIMENTAL RADIATION HEART DISEASE ...Hydrogen; Injury and Shock; Radiation Effects - Biological; X and Gamma Rays; ...5.0172

IRRADIATION AND TISSUE-LOCALIZING RESPONSE ...Bacteria -nonspecific; Cancer; Radiation Effects - Biological; Toxic Substances; X and Gamma Rays; ...5.0236

THERAPY OF POISONING BY RADIOACTIVE AND NON-RADIOACTIVE METALS ...Americium; Digestive System - Human; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0281

EXPERIMENTAL MODIFICATIONS OF ANTIBODY PRODUCTION ...Muridae; Protozoa; X and Gamma Rays; ...5.0293

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Animal Behavioral Ecology; Biological Rhythms; Motivation and Instinct; Odocoileus; Procyonidae; Range Or Territorial Distr.; Teal, Green-winged; Vertebrates Excl. Man; ...5.0413

MECHANISMS OF PERMANENT AND DELAYED PATHOLOGIC EFFECTS OF RADIATION ...Aging; Muridae; Radiation Car-

cinogenesis; Radiation Effects - Biological; Radiation Injury Prevention; X and Gamma Rays; ...5.0497

ACUTE RADIATION EFFECTS OF WHOLE-BODY X-IRRADIATION IN ANIMALS AND SUITABLE THERAPY ...Biochemical Analysis - Tissues; Digestive System - Human; Radiation Injury Prevention; Radiation, Whole Body; Urine; ...5.0508

ELECTROPHYSIOLOGIC AND HISTOCHEMICAL STUDIES ON EFFECTS OF IONIZING RADIATION ON THE CENTRAL NERVOUS SYSTEM ...Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Injury Prevention; X and Gamma Rays; ...5.0709

GASTROINTESTINAL IRRADIATION STUDIES ...Caviidae; Digestive System - Human; Muridae; Radiation, Whole Body; Sus; X and Gamma Rays; ...5.0755

TOTAL-BODY COUNTING FACILITY ...Canidae; Detectors, Selenium; Whole Body; ...5.0832

Rodentia

Caviidae

RESPIRATORY TRACT AIR POLLUTANTS AND BIOLOGICAL AGENTS ...Air Pollution -see Specifics; Diplococcus Pneumoniae, Muridae; Pleuropneumonia Group; Respiratory Disease; Smog - see Air Pollution; Sulfur Dioxide; ...1.0180

PHYSIOLOGICAL RESPONSE TO ATMOSPHERIC POLLUTANTS ...Aerosols; Air Pollution -see Specifics; Air Pollution-chemistry; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0213

A BIOLOGIC INDICATOR FOR AIR POLLUTION ...Air Pollution -see Specifics; Environmental Effects - Human; Occupational Hazards; Rural Areas; ...1.0317

PATHOLOGIC EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS USED IN THE ENVIRONMENT - THE TOXICITY OF NITRATES ...Animal Pharmacology; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Rodentia -other; Tissue Accumulation Rates; ...4.0675

TOXICOLOGY AND METABOLISM OF UNINTENTIONAL FOOD ADDITIVES ...Food Contamination; Laboratory Animals; Pesticides -other; Residues in Foods; Toxicology; ...4.0766

METABOLISM AND DISTRIBUTION OF 2,4,5-T AND ITS ANALOGS IN PREGNANT AND NONPREGNANT RATS, MICE, AND GUINEA PIGS ...Experimental Teratology; Laboratory Animals; Metabolites From Pesticides; Muridae; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0786

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Durshan; Heptachlor; Mellugrin; Paraquat; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Carbon; DDT; Domestic Animals; Muridae; Pesticide Residues; ...4.0883

BIOCHEMICAL AND PHYSIOLOGICAL RESPONSE TO IRRADIATION - RETICULOENDOTHELIAL SYSTEM STUDIES ...Canidae; Carbon; Muridae; Phagocytosis; ...5.0110

ACUTE RADIATION EFFECTS OF WHOLE-BODY X-IRRADIATION IN ANIMALS AND SUITABLE THERAPY ...Biochemical Analysis - Tissues; Digestive System - Human; Radiation Injury Prevention; Radiation, Whole Body; Urine; ...5.0508

STUDIES ON THE MECHANISM OF THE EFFECT OF IONIZING RADIATIONS ON THE OLFACTORY SYSTEM ...Gases; Muridae; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0558

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Digestive System - Human; Freezing; Muridae; Photochemical Reactions; Radiation; Radiation Effects - Biological; Urine; ...5.0573

THE RADIOSENSITIVITY OF MAMMALIAN GERM CELLS ...Aging; Cellular Physiology; Env. Eff.; Muridae; Mustelidae; Radiation Sources -general; ...5.0710

GASTROINTESTINAL IRRADIATION STUDIES ...Digestive System - Human; Muridae; Rabbits; Radiation, Whole Body; Sus; X and Gamma Rays; ...5.0755

CHARACTERIZATION OF RADIOPROTECTIVE FACTOR IN ALFALFA ...Bioindicators; Column Chromatography; Medicago; Radiation Resistance; Radiation Sources -general; ...5.0774

Cricetidae -other

EFFECTS OF AUTO EXHAUST ON ROADSIDE MAMMAL POPULATIONS ...Air Pollution -see Specifics; Animal Behavioral Ecology; Environmental Physiology; Population Dynamics - general; ...1.0361

UTILIZATION OF AGRICULTURAL WASTES IN CROP PRODUCTION ...Agaricus; Farm Animal Wastes; Gramineae - other; Mineral Nutrition; Plant Residues, Humus, Compost; Pseudotsuga; Zea Mays - Field Corn; ...3.0294

AN EVALUATION OF THE FACTORS INVOLVED IN BIOACCUMULATION OF GAMMA EMITTING RADIONUCLIDES IN WILD DEER ...Animal Habitat Studies; Animal Productivity; Canidae; Cesium; Odocoileus; Passeriformes; X and Gamma Rays; ...5.0257

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation; Bos; Felidae; Forest Environment -general; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Vertebrates Excl. Man; ...5.0258

ACUTE AND CHRONIC RADIATION EFFECTS IN MAMMALS ...Marsupialia -other; Primates -nonspecific; Radiation Effects - Man; Radiation, Low Level; X and Gamma Rays; ...5.0287

DISEASE OF WILD SMALL MAMMAL POPULATIONS ON RADIOECOLOGY STUDY AREAS ...Air Pollution -see Specifics; Animal Habitat Studies; Pathology; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Soricidae; ...5.0634

TERRESTRIAL ANIMAL ECOLOGY ...Animal Productivity; Environmental Ecology; Population Dynamics -general; Radiation Sensitivity -man; Rodentia -other; ...5.0745

Cricetus

RESPIRATORY TRACT AIR POLLUTANTS AND BIOLOGICAL AGENTS ...Air Pollution -see Specifics; Caviidae; Diplococcus Pneumoniae; Muridae; Pleuropneumonia Group; Respiratory Disease; Smog -see Air Pollution; Sulfur Dioxide; ...1.0180

EFFECTS OF AIRBORNE FLUORIDES ON ANIMAL NUTRITION AND METABOLISM ...Air Pollution -see Specifics; Fluorine; Soil Analysis; ...1.0288

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON HI VIRAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Mercury; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0791

PESTICIDES AND PESTICIDAL SYNERGISTS STUDIES IN PREGNANT HAMSTERS ...Aldrin; Dieldrin; Endrin; Experimental Teratology; Laboratory Animals; Piperonyl Butoxide; Toxicology; ...4.0795

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Cladosporium; Herbicides -nonspecific; Mucor; Penicillium; Pesticide Toxicity to Microorg; Tobacco -cigarettes; Toxic Substances; ...4.0800

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Cipc; IPC; Metabolites From Pesticides; Muridae; Pesticide Action on Plants; ...4.0821

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Dieldrin; Durshan; Heptachlor; Mellugrin; Paraquat; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

MODIFICATION OF RADIATION RESPONSE IN VITRO ...Anoxia and Hypoxia; Cellular Repair Mechanisms; Mammals -nonspecific; Passive Transport, Diffusion; Radiation; Toxic Substances; ...5.0169

ULTRA-HIGH DOSE RATE RADIOBIOLOGY ...Animal Productivity; Hydrogen; Muridae; Pollution Effects -see Water; Radioactive Pollution -ns; Radioecology - Plants; ...5.0181

CHROMOSOME STRUCTURE AS REVEALED BY RADIATION STUDIES ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; Radiation Sources -general; Vicia; ...5.0182

CELLULAR AND MOLECULAR STUDIES OF RADIATION DAMAGE AND REPAIR IN CULTURED MAMMALIAN CELLS ...Anoxia and Hypoxia; Beta Particles; Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0185

CELLULAR RESPONSES TO IRRADIATION ...Biological Basis; Cellular Biosynthesis; Radiation Sensitivity -man; X and Gamma Rays; ...5.0208

REPAIR OF RADIATION DAMAGE TO CELLULAR DNA ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0269

THE MECHANISM OF RADIATION SENSITIZATION BY 5-BROMODEOXYURIDINE IN CULTURED CHINESE HAMSTER CELLS ...Cell Injury and Autolysis; Mammals -nonspecific; Radiation Chemistry -biophys.; Tumor Pathology; ...5.0366

EXPERIMENTAL ELECTROMAGNETIC RADIATION STUDIES ...Canidae; Electromagnetic Field; Escherichia Coli; Microwave and Radiofrequency; Primates -nonspecific; Radiation Sensitivity - man; ...5.0376

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles, Chemical Carcinogenesis, Experimental Teratology, Fish, Lead, Muridae, Radiation Carcinogenesis, Radiation Injury Prevention, Temperature & Humidity Effects, Viral Pollutant Sources, Viruses - Animal, ...5.0371

CHROMOSOME ABERRATIONS PRODUCED BY INTERNALLY DEPOSITED RADIOACTIVE MATERIALS IN THE CHINESE HAMSTER ...Alpha Particles, Beta Particles, Cellular Model Systems, Cerium, Digestive System - Human, Radiation Injury Prevention, Strontium, ...5.0433

TISSUE REACTION TO DISCRETE, HIGH SPECIFIC-ACTIVITY PARTICULATES, WITH EMPHASIS ON TUMOR FORMATION IN THE LUNG ...Epidemiology, Muridae, Radiation Carcinogenesis, Radiologic Health, ...5.0460

INHALATION HAZARDS TO URANIUM MINERS, BIOLOGICAL STUDIES ...Air Pollution -see Specifics, Canidae, Co-carcinogenesis, Miners, Radiation Carcinogenesis, Radon, Tobacco - cigarettes, ...5.0754

Muridae

BIOLOGICAL EFFECTS OF GASEOUS IONS ...Air Pollution -see Specifics, Bacteria -nonspecific, Cell Injury and Autolysis, Environmental Physiology, Gases, Growth, Protozoa, ...1.0170

EFFECTS OF CIGARETTE SMOKE ON THE PULMONARY LYMPHORETICULAR SYSTEM ...Air Pollution -see Specifics, Respiratory Irritants, Inhaled, Tobacco -cigarettes, Toxicology, ...1.0177

PULMONARY EFFECTS OF ENVIRONMENTAL OXIDANT POLLUTANTS ...Cell Injury and Autolysis, Environmental Physiology, Industrial Pollution -general, Primates -nonspecific, ...1.0173

EFFECT OF POLLUTANTS ON PULMONARY BACTERIAL DEFENSE ...Air Pollution -see Specifics, Bioassays, Gases, Phagocytosis, Respiratory Irritants, Inhaled, Staphylococcus Aureus, ...1.0174

INTERACTION OF ELECTRON ACCEPTORS WITH CHLORPROMAZINE ...Air Pollution-chemistry, Electroanalysis, Nitrogen and Nitrogen Cpds., Spectrographic Techniques, Sulfur Dioxide, Temperature - Human Body, ...1.0177

INHALATION OF WHOLE SMOKE, SYNTHETIC SMOG, & AMBIENT AIR ON THE RESPIRATORY TRACT & OTHER ORGANS OF PATHOGEN-FREE MICE (ABBREV) ...Aerosols, Carbon Monoxide, Respiratory Irritants, Inhaled, Sulfur Dioxide, ...1.0179

RESPIRATORY TRACT AIR POLLUTANTS AND BIOLOGICAL AGENTS ...Air Pollution -see Specifics, Cavidae, Diplococcus Pneumoniae, Pleuropneumonia Group, Respiratory Disease, Smog -see Air Pollution, Sulfur Dioxide, ...1.0180

ACUTE TOXICITY OF HEATED ASBESTOS ...Air Pollution -see Specifics, Asbestos, Occupational Hazards, Respiratory Irritants, Inhaled, Toxicology, ...1.0181

O3 & NO2 TOXICITY IN NORMAL & ANTIOXIDANT-FED ANIMALS ...Air Pollution -see Specifics, Nitrogen and Nitrogen Cpds., Radioisotopes -nonspecific, ...1.0202

THE EFFECTS OF ENVIRONMENTAL POLLUTANTS IN GERMFREE RODENTS ...Air Pollution -see Specifics, Cooperative Studies, Environmental Physiology, Ohio, ...1.0204

ETIOLOGIC SYNERGISMS IN DISEASES OF THE LUNG ...Air Pollution -see Specifics, Cell Injury and Autolysis, Cellular Repair Mechanisms, Respiratory Disease, Respiratory Irritants, Inhaled, ...1.0221

MODE OF ACTION OF ALKYLATING CARCINOGENS ...Air Pollution -see Specifics, Chemical Carcinogenesis, Occupational Hazards, ...1.0233

INFLUENCE OF AIRBORNE FACTORS ON LUNG CLEARANCE ...Aerosols, Asbestos, Nitrogen and Nitrogen Cpds., Respiratory Disease, Sulfur Dioxide, ...1.0235

INVESTIGATIONS INTO THE TOXICOLOGY OF FLUORIDE ...Air Pollution -see Specifics, Fluorine, Occupational Hazards, Toxicology, ...1.0237

CARCINOGENIC AND MUTAGENIC STUDIES ON ATMOSPHERIC POLLUTANTS ...Air Pollution, Air Pollution -see Specifics, Chemical Carcinogenesis, Chemical Mutagenesis, Environmental Carcinogenesis, Epidemiology, Respiratory Irritants, Inhaled, ...1.0264

OCCUPATIONAL HEALTH HAZARDS OF RUBBER DUST ...Air Pollution -see Specifics, Cercopithecoidea, Elastomers, Medical, Dental Materials, Occupational Hazards, Toxicology, ...1.0287

STUDY OF UPPER RESPIRATORY TRACT CLEARANCE IN RATS ...Air Pollution -see Specifics, Bacteria -nonspecific, Respiratory Irritants, Inhaled, ...1.0292

BIOLOGICAL EFFECTS OF AIR POLLUTANTS ON MAMMALS ...Air Pollution -see Specifics; Environmental Physiology; Humidity, Temperature - Air; ...1.0293

AIR POLLUTION EFFECTS ON AIRBORNE RESPIRATORY DISEASE ...Air Pollution -see Specifics; Nitrogen and Nitrogen Cpds., Respiratory Irritants, Inhaled; Sulfur Dioxide; Temperature & Humidity Effects; Urban Environment; ...1.0304

BEHAVIORAL PHARMACOLOGY AND TOXICOLOGY ...Canidae; Ceboidea; Pigeon; Toxicology; ...1.0382

ABNORMAL TRACE METALS IN CARDIOVASCULAR DISEASE ...Air Pollution -see Specifics; Lead; Water Pollution -see Specifics, ...2.0247

PLANT PHENOLS AND RELATED ORGANIC COMPOUNDS IN PUBLIC WATER SOURCES, THEIR RELATIONSHIP TO CHLORINATION ...Chlorination; Forest Debris; New England Province Phenols; Toxicology; Water Pollution Effects; ...2.0354

VIBRIO PARAHAEMOLYTICUS IN CHESAPEAKE BAY - ISOLATION, INCIDENCE AND PATHOGENICITY ...Animal Interrelationships -gen; Bacterial Pollutant Sources; Chesapeake Bay; Estuaries; Swamps - Marshes, ...2.0532

CONTAMINATION OF DRINKING WATER AS A POSSIBLE FACTOR IN RETARDATION OF GROWTH OF SUCKLING CF1/AN1 MICE ...Contamination - Water; Physiological Effects; Water Pollution -see Specifics; Water Utilization -animal; ...2.0574

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Bioassays; Coliforms -nonspecific; Data Reduction and Analysis; Microorganisms -nonspecific; New Mexico; Rumen Bacteria; Water Pollution -see Specifics; Water Quality -general; Water Utilization -domestic; ...2.0684

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN DRINKING WATER ...Food Contamination; New England Province; Potable Water; Viral Pollutant Sources; Water Pollution -see Specifics, Water Supply -general; ...2.0787

EFFECTS OF ENVIRONMENTAL STRESSES ON BEEF CATTLE ...Bos; Environmental Physiology; Mineralogical Water Properties; Physiological Effects; Water Utilization -animal; ...2.1636

AGING AND IMMUNE COMPETENCE-EFFECT OF ENVIRONMENT ON IMMUNE COMPETENCE ...Air Pollution -see Specifics; Contamination - Water; Environmental Physiology; Immunology; Pseudomonas; Salmonella -nonspecific & -ot.; ...2.1722

UTILIZATION OF AGRICULTURAL WASTES IN CROP PRODUCTION ...Agaricus; Farm Animal Wastes; Gramineae - other; Mineral Nutrition; Plant Residues; Humus; Compost; Pseudotsuga; Zea Mays - Field Corn; ...3.0294

PREPARATION AND BIOASSAY OF SMOKE CONDENSATE FROM TOBACCO SAMPLES ...Bioassays; Co-carcinogenesis; Maleic Hydrazide; Nicotiana; Pesticide Rates -general; Tobacco - cigarettes; Tween-80 -see Surfactants, ...4.0405

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Chemical Analysis; Gallus Domesticus; Laboratory Animals; Mammals -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0548

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; DDT; Difolatan; Laboratory Animals; Methoxychlor; Pesticide Persistance in Soils; Phaltan; ...4.0556

PHYSIOLOGICAL CONSEQUENCES OF LONG-TERM EXPOSURE TO LOW LEVELS OF TOXICANTS ...DDT; Dieldrin, Environmental Effects - Human; Laboratory Animals; Pesticide Formulation; Stressors, Physiological; Toxicology; ...4.0559

METABOLISM OF CARBAMATE PESTICIDES ...Bayer 44646; Carbon; Laboratory Animals; Pesticide Toxicity in Humans; Zectran; ...4.0560

EFFECT DU PHENOBARBITAL SUR LE METABOLISME DU DDT CHEZ LE RAT ...DDT; Developmental Physiology; Laboratory Animals; Pesticide Action on Animals; Toxicology; ...4.0572

FUNDAMENTAL APPROACHES TO DRUG TOXICITY ...DDT; Laboratory Animals; Pesticide Action on Animals; Rabbits; TDE; ...4.0584

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aldrin; Aramite; Chemical Analysis; Dieldrin; Methoxychlor; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0592

CONTROL METHODS FOR RATS DAMAGING SUGARCANE ...Antimammal Cpds -nonspecific; Baits, Lures; Control of Nuisance Species; Pesticide Evaluation; Pesticide Safety Measures; ...4.0604

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...DDT; Lindane; Pesticide Action on Animals; Pesticide Residues in Foods; ...4.0612

INTERACTIONS OF PESTICIDES, DRUGS AND OTHER CHEMICALS ...Bioassay; Environmental Effects - Human; Pesticide Action on Animals; Pesticide Rates -general; Quail; ...4.0613

RESPONSE OF RATS TO DIETS CONTAINING MULTIPESTICIDE COMPONENTS ...DDT; Parathion; Pesticide Interaction - gen.; Zinc; ...4.0615

PHYSIOLOGICAL RESPONSE OF FEMALE RATS AND OFFSPRING TO MULTI-INSECTICIDES AND MINERALS ...DDT; Dinitrophenol; Pesticide Action on Animals; Toxicology; ...4.0616

METABOLIC STUDIES OF INSECTICIDES ...Animal; Laboratory Animals; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0620

MECHANISM OF ACTION OF HALOGENATED HYDROCARBON FUMIGANTS ON ANIMALS ...Birds; Dibromoethane; Foreign Agriculture; Israel; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0621

CARCINOGENESIS BIOASSAY OF PESTICIDES AND OTHER ENVIRONMENTAL AGENTS ...Animal Resistance; Bioassays; Chemical Carcinogenesis; Food Contamination; Pesticide Action on Animals; Pesticides -nonspecific; Tumor Pathology; ...4.0624

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...Bioassays; DDT; Malathion; Methoxychlor; Nutrition; Pesticide in Food Chains; Residues in Foods; ...4.0634

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...Chlorinated Hydrocarbons; DDT; Food Contamination; Laboratory Animals; Lindane; Methoxychlor; ...4.0635

EFFECTS OF DDT AND ANALOGUES ON REPRODUCTION IN DOMESTIC MAMMALS AND BIRDS ...Birds; DDT; Gallus Domesticus; Pesticide Action on Animals; Pesticide Residues in Feeds; TDE; ...4.0636

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

LOSS OF BODY FAT AND RESPONSE TO INSECTICIDE RESIDUES ...Chlorinated Hydrocarbons; Laboratory Animals; Metabolism & Metab. Diseases; Pesticide Action on Animals; Toxicology; ...4.0639

OXIDATIVE DEALKYLATION OF INSECTICIDES ...Bidrin; Chlorine; Laboratory Animals; Pesticide Formulation; ...4.0650

EXPERIMENTAL OPTIC NEUROPATHIES ...Cyanides; Lead; Toxicology; ...4.0655

BIOCHEMICAL AND PHYSIOLOGIC RESPONSE TO TOXIC STRESS ...Cellular Metabolism - Controls; Environmental Effects - Human; Insecticides -nonspecific; Pesticide Action on Animals; Toxic Substances; ...4.0657

FUR ANIMAL NUTRITION STUDIES ...Animal Pharmacology; Dieldrin; Mustelidae; Scorpaenidae; TDE; ...4.0663

FUR ANIMAL STUDIES (MINK) ...Chemical Analysis; DDT; Domestic Animals; Mustelidae; Pesticide Formulation; Pesticide Residues Removal; TDE; ...4.0664

EFFECTS OF PHYSIOLOGICAL ENVIRONMENT ON CELLULAR HOMEOSTASIS, PROTEIN METABOLISM AND NUTRITION ...Cellular Biosynthesis; Cellular Metabolism - Controls; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; ...4.0665

FACTORS AFFECTING PLACENTAL TRANSFER, METABOLISM AND EXCRETION OF PESTICIDES IN ANIMALS ...Animal Pharmacology; DDT; Laboratory Animals; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods, Tissue Accumulation Rates; ...4.0669

METABOLIC INTERRELATIONSHIPS AFFECTING NUTRIENT ENERGY REQUIREMENTS OF HUMANS ...Herbicides -nonspecific; Residues in Foods; ...4.0758

TOXICITY AND CARCINOGENICITY OF DIPHENYLAMINE TO MICE ...Diphenylamine; Laboratory Animals; Pesticide Formulation; Pyrus Malus; Residues in Foods; ...4.0763

TOXICOLOGY AND METABOLISM OF UNINTENTIONAL FOOD ADDITIVES ...Caviidae; Food Contamination; Laboratory Animals; Pesticides -other; Residues in Foods; Toxicology; ...4.0764

EFFECTS OF DDT AND DIELDRIN ON REPRODUCTIVE PERFORMANCE AND GROWTH OF MINK ...DDE; DDT; Laboratory Animals; Lake Michigan; Metabolites From Pesticides; Mustelidae; Pesticide Action on Animals; ...4.0775

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...DDT; Iodine; Malathion; Pesticide Rates -general; ...4.0778

METABOLISM AND PHYSIOLOGICAL ASPECTS OF INGESTED HYDROCARBONS ...Chemical Carcinogenesis; Co-carcinogenesis; Digestive System - Human; Laboratory Animals; Pesticide Action on Animals; Piperonyl Butoxide; ...4.0781

METABOLISM AND DISTRIBUTION OF 2,4,5-T AND ITS ANALOGS IN PREGNANT AND NONPREGNANT RATS, MICE, AND GUINEA PIGS ...Caviidae; Experimental Teratology; Laboratory Animals; Metabolites From Pesticides; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0786

PRENATAL AND NEONATAL EFFECTS OF PARAQUAT ...Developmental Physiology; Laboratory Animals; Paraquat; Pesticide Action on Animals; Toxicology; ...4.0787

METABOLISM OF PESTICIDAL SYNERGISTS ...Carbon; Feces; Metabolites From Pesticides; Pesticide Action on Animals; Toxicology; ...4.0790

TOXICITY OF 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN ...Laboratory Animals; Toxicology; ...4.0794

MECHANISMS OF ADAPTATION OF ORGANISMS TO PESTICIDES ...Animal; Ddvp; Genetic Resistance; Pesticide Action on Animals; Sevin; ...4.0799

STUDY OF THE PRODUCTION AND DISTRIBUTION OF THE CHOLINESTERASE ENZYME IN ORGANOPHOSPHOROUS POISONING ...Disulfoton; Handling & Application; Pesticide Action on Animals; Toxicology; ...4.0810

TOLERANCE TO CHOLINESTERASE INHIBITORS - EFFECTS OF ANTIDOTES ON TOLERANCE AND RECOVERY ...Disulfoton; Organophosphorous Cpds.; Pesticide Safety Measures; Physiological Resistance; Toxicology; ...4.0817

METABOLISM OF HEXACHLOROPHENE, A POTENTIAL INTOXICANT ...Canidae; Carbon; Disinfection; Feces; Hexachlorophene; Toxicology; Urine; ...4.0818

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Amino Triazole; D, 2,4-; Laboratory Animals; Metabolites From Pesticides; PMA; ...4.0819

ORGANIC MERCURIAL FUNGICIDES AND METABOLISM ...Carbon, Isotope Tracer -see Tracers; Mercury; Metal Organics - nonspecific; Pesticide Action on Animals; PMA; ...4.0820

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Cipc; IPC; Metabolites From Pesticides; Pesticide Action on Plants; ...4.0821

PHOSPHOROUS INSECTICIDES EFFECT ON SULFATE FIXATION ...Calcium Sulfamate; Laboratory Animals; Malathion; Nutrition; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0851

THE TOXICOLOGICAL ACTION OF ORGANOPHOSPHATES AND CARBAMATES ...Air Pollution -see Specifics; Chemical Carcinogenesis; Experimental Teratology; Laboratory Animals; Pesticide Action on Animals; Sevin; ...4.0881

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Carbon; DDT; Domestic Animals; Pesticide Residues; ...4.0883

ORGANIC PHOSPHATE RESIDUE IN DAIRY COWS ...Animal; Domestic Animals; Pesticide Residues; Sulfoxide; Tissue Accumulation Rates; ...4.0885

EFFECTS OF DIETARY PROTEIN ON THE METABOLISM OF HEPTACHLOR IN THE RAT ...Digestive System - Human; Heptachlor Epoxide; Pesticide Tolerance Rate; Toxicology; ...4.0886

CARCINOGENESIS BIOASSAY RESOURCE FOR FEEDING TESTS IN RODENTS ...Air Pollution -see Specifics; Bioassays; Chemical Carcinogenesis; Environmental Carcinogenesis; Pesticides -nonspecific; ...4.0887

TOXICOLOGY OF CANDIDATE INSECT CHEMOSTERILANTS OR ATTRACTANTS ...Hempa; Laboratory Animals; Pesticide Action on Animals; Pesticide Evaluation; Tepa; ...4.0888

ACTION MECHANISMS OF INSECTICIDAL DERIVATIVES ...Animal; Carbamates -nonspecific; DDT; Fungi -nonspecific; Pesticide Action on Animals; Physiological Resistance; ...4.0915

CAUSES OF ABORTIONS IN DAIRY CATTLE WITH PARTICULAR REFERENCE TO PESTICIDES AND MOLD TOXINS ...Aspergillus; Domestic Animals; Gibberella; Nutrition; Pesticides -nonspecific; ...4.0917

EFFECT OF EXERCISE WITH HIGH CARBOHYDRATE OR HIGH FAT DIETS CONTAINING DDT ...DDT; Exercise; Laboratory Animals; Toxicology; ...4.0918

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Animal; Furadan; Pesticide Residues Removal; Plant, Residues in Foods; ...4.0932

EFFECT OF HERBICIDES ON PROVITAMIN A VALUE OF SELECTED RAW AND COOKED VEGETABLES ...Amino Triazole; Chenopodiaceae; Daucus Species; Residues in Foods; Vegetables; ...4.0957

OXIDATIVE DEALKYLATION OF PESTICIDES ...Bidrin; Chemical Degradation; Dieldrin; Laboratory Animals; Phosphamidon; ...4.0958

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

SWEET CLOVER TOXICITY AND CHEMICAL AND PHYSIOLOGICAL STUDIES ON DICUMAROL AND WARFARIN ...Animal Pharmacology; Chemical Analysis; Laboratory Animals; Pesticide Action on Animals; Warfarin; ...4.0996

METABOLISM AND TOXICITY OF ORGANOPHOSPHORUS INSECTICIDES ...Animal; Insecticides -nonspecific; Pesticide Action on Animals; Pesticides -other; ...4.1025

MALATHION RESIDUES IN POULTRY MEAT AND EGGS ...Animal; Feces; Malaoxon; Metabolites From Pesticides; Pesticide Residues Removal; Residues in Foods; ...4.1028

BROMIDE RESIDUES AND THYROID FUNCTION ...Bromine; Iodine; Laboratory Animals; Methyl Bromide; Pesticide Residues in Feeds; Toxicology; ...4.1039

METABOLITE FORMATION IN METABOLISM OF TRIAZINE HERBICIDES BY THE ANIMAL ...Animal; Capra; Metabolites From Pesticides; Ovis; Pesticide Formulation; Prometone; Radioisotopes -nonspecific; ...4.1096

GASTROINTESTINAL ABSORPTION OF AGRICULTURAL CHEMICALS IN ANIMALS ...Animal; Carbon; Domestic Animals; Mca-600; Sevin; ...4.1098

METABOLIC FATE OF PESTICIDES IN ANIMALS ...Animal; Capra; Feces; Mca-600; Ovis; Pesticide Application Rates; Urine; ...4.1100

PESTICIDE ANALYSIS, COLLEGE STATION ...Aliphatic Carbamates; Gc 6506; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Thin Layer Chromatography; ...4.1122

THE METABOLISM OF THE RARE EARTHS FOLLOWING INHALATION - PATHOLOGIC AND BIOCHEMICAL RESPONSE IN THE LUNG AND OTHER ORGANS ...Aerosols; Environmental Effects - Human; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Thulium; Ytterbium; ...5.0049

BIOLOGICAL RESPONSE TO SMALL, DISCRETE, HIGHLY RADIOACTIVE PARTICLES ...Environmental Effects - Human; Injury and Shock; Radiation; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0052

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Environmental Hazards, Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

THE EFFECT OF RADIATION ON DENTAL TISSUES ...Cell Injury and Autolysis; Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0092

BEHAVORIAL EFFECTS OF LOW INTENSITY UHF RADIATION ...Auditory Stress; Electromagnetic Field; Microwave and Radiofrequency; Psychology; Radiation, Low Level; ...5.0093

RADIATION INDUCED CHANGES IN NEONATAL NERVOUS SYSTEM ...Cell Injury and Autolysis; Cellular Biosynthesis; Developmental Physiology; Metabolism & Metab. Diseases; Radiation Effects - Biological; X and Gamma Rays; ...5.0097

STUDIES OF TRANSURANIC ELEMENTS AND OTHER RADIOACTIVE BONE-SEEKERS ...Aging; Americum; Astatine; Californium; Primates -nonspecific; Radiation Injury Prevention; Strontium; ...5.0108

PROTECTION FROM LONG-TERM EFFECTS OF IRRADIATION ...Cancer; Chemical Carcinogenesis; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0109

BIOCHEMICAL AND PHYSIOLOGICAL RESPONSE TO IRRADIATION - RETICULOENDOTHELIAL SYSTEM STUDIES ...Canidae; Carbon; Caviidae; Phagocytosis; ...5.0110

BIOCHEMISTRY AND PHYSIOLOGICAL RESPONSE TO IRRADIATION--RADIOSENSITIVITY OF LYMPHOCYTES ...Actinomycin; Cellular Repair Mechanisms; Cellular Viability; Radiation; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0111

STUDIES ON HAZARDS OF THE TRANSPLUTONIUM ELEMENTS ...Actinium A C; Body Isotope Burden; Colloids; Gold; Radiation Injury Prevention; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0117

ELECTROPHYSIOLOGICAL AND BIOCHEMICAL STUDIES OF THE EFFECTS OF RADIATION ON BRAIN ACTIVITY AND DEVELOPMENT ...Bioelectric Phenomena; Developmental Physiology; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0120

MAMMALIAN STUDIES WITH ACCELERATORS - RELATIONSHIP OF CELLULAR CONTROL MECHANISMS TO CARCINOGENIC EFFECT OF ACCELERATED IONS ...Cellular Metabolism - Controls; Ionizing Radiation -see Rad.; Radiation Carcinogenesis; Radiation, Whole Body; ...5.0123

MAMMALIAN STUDIES WITH ACCELERATORS: GERMFREE RESEARCH ...Cell Injury and Autolysis; Cobalt; Digestive System - Human; Protons; Radiation; Radiation Sensitivity -man; Radiation, Lethal Dose; ...5.0124

MAMMALIAN STUDIES WITH ACCELERATORS - WHOLE SKIN HELIUM ION IRRADIATION STUDY ...Cobalt; Injury - animal; Radiation Sensitivity -man; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0126

KINETICS OF HEMATOPOIETIC REPOPULATION FOLLOWING IRRADIATION INJURY ...Bacterial Endotoxins; Kinetics; Radiation; Radiation Injury Prevention; Radiation, Low Level; ...5.0135

RADIATION INDUCED RENAL TUMORS - ELECTRON MICROSCOPE STUDIES ...Radiation Carcinogenesis; Radiation Effects - Biological; Tumor Pathology; ...5.0146

LYMPHOCYTE SIZE AND DENSITY DISTRIBUTIONS ...Developmental Physiology; Radiation, Low Level; Surface Active-other; ...5.0151

MODIFICATION OF RADIATION RESPONSE IN VITRO ...Anoxia and Hypoxia; Cellular Repair Mechanisms; Cricetus; Mammals -nonspecific; Passive Transport, Diffusion; Radiation; Toxic Substances; ...5.0169

ESTIMATING THE GENETIC HAZARDS OF ENVIRONMENTAL AGENTS ...Cell Injury and Autolysis; Environmental Carcinogenesis; Plants; Radiation Carcinogenesis; Vicia; ...5.0179

RADIATION EFFECTS ON CAPILLARIES AND STROMAL ELEMENTS ...Actinomycin; Cell Injury and Autolysis; Radiation; Radiation Injury Prevention; ...5.0180

ULTRA-HIGH DOSE RATE RADIOBIOLOGY ...Animal Productivity; Hydrogen; Pollution Effects -see Water; Radioactive Pollution -ns; Radioecology - Plants; ...5.0181

AGING OF BIOLOGICAL SYSTEMS IN SPACE MISSIONS ...Aging; Aldehydes -nonspecific; Carbon; Radiation Effects - Biological; Stressors, Physiological; Ultra Violet Radiation; X and Gamma Rays; ...5.0184

EFFECTS OF WHOLE BODY GAMMA-RADIATION ON THE RESPIRATORY CHAIN OF MITOCHONDRIA AND THE ANAEROBIC GLYCOLYSIS OF NEW BORN CNS ...Adenosine Diphosphate; Adenosine Triphosphate; Developmental Physiology; Radiation Sensitivity -man; Radiation, Low Level; Radiation, Whole Body; X and Gamma Rays; ...5.0200

ABILITY OF ISOLATED KUPFFER CELLS TO POPULATE EXPERIMENTAL GRANULOMAS AND IRRADIATED BONE MARROW ...Antibiotics -nonspecific; Carbon; Colloids; Radiation Injury Prevention; Radiation, Whole Body; X and Gamma Rays; ...5.0205

EFFECTS OF IRRADIATION ON THE IMMATURE MOUSE ...Aging; Developmental Physiology; Radiation Effects - Biological; Radiation Sensitivity -man; ...5.0210

CATECHOLAMINE METABOLISM FOLLOWING X-IRRADIATION OF MAMMALS ...Injury and Shock; Radiation Effects - Biological; Radiation Injury Prevention; Radiation, Whole Body; Stressors, Physiological; Urine; ...5.0214

SPECIFICITY AND INFORMATION TRANSFER IN SENSITIVITY ...Radiation Effects - Biological; ...5.0215

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Bos; Copper; Iodine; Laboratory Animals; Radiation Effects; Sus; X and Gamma Rays; ...5.0246

ISOLATION AND IDENTIFICATION OF THE HEMOPOIETIC STEM CELL ...Bioassays; Radiation Injury Prevention; ...5.0252

THE STUDIES OF IONIZING RADIATION AS STIMULI ...Biological Rhythms; Learning and Retention; Psychology; Toxic Substances; ...5.0254

MECHANISM OF RADIATION EFFECTS ON THE TRANSPORT AND BIOELECTRIC PROPERTIES OF RAT INTESTINE ...Chlorine; Ionic Effect; Radiation; Radiation Chemistry - biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0263

ANALYSIS OF PARAMETERS INFLUENCING CARCINOGENESIS ...Neutron -see Radiation; Radiation Carcinogenesis; X and Gamma Rays; ...5.0271

RADIATION AND ENZYMES ...Digestive System - Human; Radiation, Whole Body; X and Gamma Rays; ...5.0273

INTERACTION OF SR90 WITH ONCOGENIC AND NON-ONCOGENIC VIRUS IN PRODUCING BONE CANCER IN MICE ...Co-carcinogenesis; Radiation Carcinogenesis; Radiation Effects - Biological; Strontium; Tumor Pathology; Viral Carcinogenesis; Viruses - Animal; ...5.0275

LATENT PERIOD TO THE INDUCTION OF BONE CANCER BY SR90 IN MICE ...Radiation Carcinogenesis; Strontium; Tumor Pathology; ...5.0276

THERAPY OF POISONING BY RADIOACTIVE AND NON-RADIOACTIVE METALS ...Americum; Digestive System - Human; Rabbits; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0281

ACUTE AND CHRONIC RADIATION EFFECTS IN MAMMALS ...Cricetidae -other; Marsupialia -other; Primates -nonspecific; Radiation Effects - Man; Radiation, Low Level; X and Gamma Rays; ...5.0287

CORRELATED STATISTICAL AND CYTOPHYSIOLOGICAL STUDIES OF THE RADIATION RESPONSE IN HIGHER VERTEBRATES ...Gallus Domesticus; Injury -animal; Radiation, Lethal Dose; Vertebrates Excl. Man; X and Gamma Rays; ...5.0290

EXPERIMENTAL MODIFICATIONS OF ANTIBODY PRODUCTION ...Protozoa; Rabbits; X and Gamma Rays; ...5.0293

PREPARATION AND PROPERTIES OF SUBCELLULAR FRACTIONS ...Nitrogen and Nitrogen Cpds.; Radiation; Radiation Injury Prevention; Sulfhydryl Compounds; X and Gamma Rays; ...5.0294

EFFECTS OF RADIATION AND DRUGS ON HAIR AND HAIR GROWTH ...Cell Injury and Autolysis; Radiation; Radiation Effects - Biological; ...5.0300

CELLULAR EFFECTS OF RADIATION AND CHEMOTHERAPY ...Cancer; Radiation; Radiation Sensitivity -man; ...5.0301

THE LATE EFFECTS AND METABOLISM OF THE BONE SEEKING RADIOELEMENTS ...Radiation; Radiation Carcinogenesis; Radium; ...5.0303

RADIOBIOLOGIC STUDIES ON TUMOR TRANSPLANTATION AND IMMUNE PROCESSES ...Cancer Immunology; Dose Rate, Dose Fractionation; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0308

STUDIES ON BONE MARROW IMMUNOLOGIC CELL(S) IN VITRO AND IN VIVO ...Penicillin; Radiation Injury Prevention; Radiation, Lethal Dose; Streptomycin; X and Gamma Rays; ...5.0312

PREVENTION OF RADIATION-INDUCED LEUKEMIA ...Radiation; Radiation Injury Prevention; Radiation Sources -general; ...5.0314

METABOLISM AND REMOVAL OF SR 90 AND RA 226 IN MAN ...Aluminum; Beta Particles; Digestive System - Human; Feces; Phosphorus and Phosphorus Cpds; Radiation Injury Prevention; ...5.0316

GENETIC EFFECTS OF RADIATION ON BIOMETRICAL TRAITS ...Invertebrates; Radiation Resistance -animals; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0318

LOW-LEVEL X-IRRADIATION OF THE BRAIN DURING DEVELOPMENT - MORPHOLOGICAL, PHYSIOLOGICAL AND BEHAVIORAL CONSEQUENCES ...Exercise; Hydrogen; Psychology; ...5.0320

RESEARCH PROGRAM IN DEVELOPMENTAL NEUROPSYCHOLOGY ...Exercise; Healing; Motivation and Instinct Primates -nonspecific; Psychology; Radiation Effects - Biological; ...5.0321

EXPERIMENTAL POPULATION GENETICS IN THE LABORATORY MOUSE ...Radiation, Lethal Dose; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0323

BIOCHEMICAL ASPECTS OF ERYTHROPOIESIS IN CHRONIC IRRADIATION ...Anoxia and Hypoxia; Cellular Biosynthesis; Dose Rate, Dose Fractionation; Radiation; X and Gamma Rays; ...5.0324

RADIATION PROTECTION AND RECOVERY IN GERMFREE ANIMALS ...Microorganisms -nonspecific; Radiation Injury Prevention; Radiation, Whole Body; X and Gamma Rays; ...5.0325

RADIATION DAMAGE - METABOLISM IN REPRODUCTIVE SYSTEM ...Cellular Biosynthesis; Cellular Repair Mechanisms; Experimental Teratology; Radiation Sensitivity -man; ...5.0329

STEM CELL PROLIFERATION AND DIFFERENTIATION ...Anoxia and Hypoxia; Biochemical Analysis - Tissues; Strontium; ...5.0332

LONG TERM EFFECTS OF PRENATAL GAMMA-IRRADIATION ON RAT BRAIN ...Radiation Dose Studies-general; Radiation, Low Level; Radiation, Whole Body; X and Gamma Rays; ...5.0342

ROLE OF THE RETICULOENDOTHELIAL SYSTEM IN RADIATION INJURY AND RECOVERY ...Phagocytosis; X and Gamma Rays; ...5.0343

EFFECT OF SPERMATOGONIAL X-IRRADIATION ON REPRODUCTIVE FITNESS OF MICE ...Evolution; Radiation Effects - Biological; X and Gamma Rays; ...5.0344

EFFECT OF X-IRRADIATION ON THE GERMINAL EPITHELIUM OF THE MALE MOUSE ...Cellular Repair Mechanisms; Physical Mutagenesis; Radiation Sensitivity -man; X and Gamma Rays; ...5.0345

RADIATION-INDUCED CHROMOSOMAL INVERSIONS IN MOUSE POPULATIONS ...Mutagenesis -nonspecific; Vertebrates Excl. Man; X and Gamma Rays; ...5.0346

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology; Fish; Lead; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

RADIATION CARCINOGENESIS ...Digestive System - Human; Nuclear Structure; Radiation Carcinogenesis; Radioactive Isotopes; Radioisotopes -nonspecific; Tumor Pathology; X and Gamma Rays; ...5.0378

PROLIFERATION AND DIFFERENTIATION OF STEM CELLS ...Cancer; Cytotoxin; Radiation; Radiation Effects - Biological; ...5.0382

EFFECT OF X-RAY ON RESISTANCE TO LEUKEMIA IN MICE ...Cancer Immunology; Radiation Sensitivity -man; Radiation, Whole Body; X and Gamma Rays; ...5.0389

STUDIES ON BIOLOGICALLY ACTIVE AMINES ...Digestive System - Human; Radiation Sources -general; ...5.0397

EFFECT OF IONIZING RADIATION ON BIOLOGIC HALF-LIFE OF 57COBALT IN THE MOUSE ...Cobalt; Colloids; Radiation Dose Studies-general; Technetium; X and Gamma Rays; ...5.0401

CYSTEAMINE AND X-RAYS PRENATALLY - BEHAVIOR OF THE RAT ...Behavior -vertebrate; Psychology; Vertebrates Excl. Man; X and Gamma Rays; ...5.0405

THE EFFECT OF THE INHALATION OF RADIONUCLIDES IN 'INSOLUBLE' FORMS ON THE FATE OF INHALED BACTERIA IN MICE ...Aerosols; Bacterial Population Surveys; Microorganisms; Proteus -nonspecific; Staphylococcus Aureus; Stressors, Physiological; Yttrium; ...5.0439

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Aerosols; Canidae; Radiation Effects - Biological; Radiologic Health; Respiratory Irritants, Inhaled; Stibium; Thulium; ...5.0440

THE ROLE OF THYMIC-DEPENDENT LYMPHOCYTES IN THE ACUTE RECOVERY FROM RADIATION INJURY ...Healing; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0450

THE PATHOLOGY OF ACCELERATED AGING IN GERMFREE MICE ...Aging; Bacteria -nonspecific; Radiation Effects - Biological; X and Gamma Rays; ...5.0451

GENETIC EFFECTS OF X-RAY EXPOSURE ON REPRODUCTION ...Physical Mutagenesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0458

TISSUE REACTION TO DISCRETE, HIGH SPECIFIC-ACTIVITY PARTICULATES, WITH EMPHASIS ON TUMOR FORMATION IN THE LUNG ...Cricetus; Epidemiology; Radiation Carcinogenesis; Radiologic Health; ...5.0460

BIOLOGICAL RESPONSES TO RADIOFREQUENCY RADIATION ...Microwave and Radiofrequency; Radiation Effects - Biological; Radiation Effects - Man; Radiation, Whole Body; ...5.0463

GENETIC EFFECTS OF X-RAY EXPOSURE ON LONGEVITY ...Physical Mutagenesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0464

GENETIC INVOLVEMENT IN RADIATION SENSITIVITY ...Radiation Sensitivity -man; ...5.0466

THE RELATIONSHIP BETWEEN RADIATION SENSITIVITY AND OTHER PHYSICAL AND PHYSIOLOGICAL CHARACTERISTICS WITHIN ONE STRAIN OF MICE ...Cellular Repair Mechanisms; Injury and Shock; Radiation; Radiation Sensitivity - man; Radiation Sources -general; ...5.0467

GENETIC EFFECTS OF X-RAY EXPOSURE ON LONGEVITY ...Neutron -see Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0470

LOW-INTENSITY GAMMA-RAY EFFECTS AND RESPONSE CAPABILITY OF MOUSE BONE MARROW ...Cobalt; Injury and Shock; Radiation, Low Level; X and Gamma Rays; ...5.0471

PHASE I. FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS: RADIATION EFFECTS ON REPRODUCTION AND EMBRYOGENESIS ...Cellular Viability; Embryonic Growth Stages; Radiation Effects - Biological; Strontium; ...5.0480

PHASE I FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS - SOME ASPECTS OF STRONTIUM METABOLISM ...Metabolism & Metab. Diseases; Radiation Carcinogenesis; Strontium; Sus; ...5.0481

PHASE III - FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS - NEURAL AND BEHAVIORAL ASPECTS OF RADIATION ...Psychology; Radiation Injury Prevention; X and Gamma Rays; ...5.0483

RBE OF MONOENERGETIC NEUTRONS ...Bacteria -nonspecific; Invertebrates; Radiation; Radiation, Low Level; ...5.0486

EFFECTS OF H3 THYMIDINE AS A DNA LABEL IN THE RAT LIVER ...Cellular Biosynthesis; Digestive System - Human; Hydrogen; Radiation; Radiation Sensitivity -man; ...5.0489

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Gases; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

MECHANISMS OF PERMANENT AND DELAYED PATHOLOGIC EFFECTS OF RADIATION ...Aging; Rabbits; Radiation Carcinogenesis; Radiation Effects - Biological; Radiation Injury Prevention; X and Gamma Rays; ...5.0497

PHYSIOLOGIC DECREMENTS OF ELECTROMAGNETIC RADIATION EXPOSURE ...Bioassays; Biochemical Analysis - Tissues; Canidae; Iodine; Radiation Carcinogenesis; X and Gamma Rays; ...5.0503

THE RADIOBIOLOGY AND TOXICOLOGY OF RADON AND OTHER RADIOACTIVE GASES ...Canidae; Krypton; Miners; Radon; Respiratory Irritants, Inhaled; Uranium; X and Gamma Rays; ...5.0505

MORPHOLOGICAL AND CYTOLOGICAL STUDIES OF LUNG RESPONSES TO INHALATION AND IRRADIATION ...Aerosols; Monkey; Plutonium; Radiation Dose Studies-general; Respiratory Irritants, Inhaled; Tumor Pathology; X and Gamma Rays; ...5.0510

KINETICS OF HEMATOPOIETIC STEM CELL PROLIFERATION FOLLOWING X-IRRADIATION ...Canidae; Dosimetry; Monkey; Radiation; Radiation, Whole Body; ...5.0517

PATHOGENESIS OF EARLY AND LATE EFFECTS OF X-IRRADIATION ON THE RAT AND MONKEY FOREBRAIN ...Cercopithecoidea; Psychology; Radiation Effects - Biological; X and Gamma Rays; ...5.0519

BIOLOGICAL MECHANISMS OF NATURAL AND RADIATION-INDUCED AGING ...Aging; Mutagenesis -nonspecific; Physical Mutagenesis; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; Somatic Mutation; ...5.0524

EXPERIMENTAL RADIATION CARCINOGENESIS ...Metabolism and Biochemistry; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; Radiation Sensitivity -man; ...5.0529

CORRELATION OF RADIORESISTANCE WITH HEMOPOIETIC PARAMETERS IN MICE ...Metabolism and Biochemistry; Radiation Effects - Biological; Radiation Sensitivity -man; X and Gamma Rays; ...5.0530

EXPERIMENTAL RADIATION CARCINOGENESIS ...Beta Particles; Chemical Carcinogenesis; Co-carcinogenesis; Neutron -see Radiation; Radiation Carcinogenesis; Radiation Sensitivity -man; Radiation, Low Level; ...5.0531

RADIOSENSITIVITY OF ANTIBODY RESPONSES ELICITED WITH COMPLEXES OF ANTIGEN AND ANTIBODY ...Clostridium Tetani; Cobalt; Radiation Sensitivity -man; X and Gamma Rays; ...5.0537

COMPARATIVE EFFECTS OF TWO RADIATION EXPOSURE REGIMES ...Cellular Viability; Radiation Sources -general; Radiation, Lethal Dose; ...5.0549

THE EFFECT OF RADIATION ON MUCOSAL PHOSPHOLIPASE ACTIVITY ...Digestive System - Human; Radiation; Radiation Effects - Biological; ...5.0550

STUDIES ON THE MECHANISM OF THE EFFECT OF IONIZING RADIATIONS ON THE OLFACTORY SYSTEM ...Caviidae; Gases; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0558

EFFECTS OF PRENATAL AND EARLY POSTNATAL IRRADIATION ...Aviation Medicine; Developmental Physiology; Radiation Effects - Biological; Radiation, Whole Body; ...5.0571

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Digestive System - Human; Freezing; Photochemical Reactions; Radiation; Radiation Effects - Biological; Urine; ...5.0573

STUDIES ON UV RADIATION CARCINOGENESIS IN MICE ...Cellular Model Systems; Genetic and Embryonic; Radiation Carcinogenesis; Tumor Pathology; Ultra Violet Radiation; ...5.0584

PROBLEMS IN RADIATION EMBRYOLOGY ...Developmental Physiology; Vertebrates Excl. Man; X and Gamma Rays; ...5.0586

MECHANISM OF CREATINURIA IN IRRADIATED RATS ...Injury and Shock; Radiation Effects - Biological; Urine; ...5.0587

CYTOGENETICS OF POST-IRRADIATION AND VIRAL LEUKEMIA ...Radiation Carcinogenesis; Radiation Effects - Biological; Viral Carcinogenesis; ...5.0593

VIRUS PROJECT ...Arthropods; Radiation, Whole Body; Viruses - Animal; X and Gamma Rays; ...5.0600

IONIZING RADIATION, BEHAVIORAL DEVELOPMENT, AND AGING ...Aging; Learning and Retention; Psychology; Radiation Dose Studies-general; Radiation, Low Level; ...5.0605

EFFECT OF WHOLE BODY X- AND GAMMA-IRRADIATION ON THE BIOSYNTHESIS OF CERTAIN SERUM PROTEINS ...Cell Membrane Permeability; Cellular Metabolism - Controls; Permeability; Radiation, Lethal Dose; Stressors, Physiological; X and Gamma Rays; ...5.0606

METABOLIC PROBLEM IN SECONDARY DISEASE ...Digestive System - Human; Immunology; Nitrogen and Nitrogen Cpds.; Primates -nonspecific; Radiation, Whole Body; X and Gamma Rays; ...5.0618

EFFECTS OF RADIATION ON REPRODUCTIVE PHYSIOLOGY IN FARM ANIMALS ...Developmental Physiology; Ovis; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0619

EFFECTS OF RADIATION ON LARGE ANIMALS - SOMATIC ...Developmental Physiology; Dose Rate, Dose Fractionation; Ovis; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0620

BINDING OF RADIOACTIVITY TO RAT LIVER NUCLEIC ACIDS IN VIVO AFTER ADMINISTRATION OF AAF-9-C-14 OR N-HYDROXY-AAF-9-C-14 ...Carbon; Digestive System - Human; ...5.0622

NEOPLASMS AFTER FISSION NEUTRON IRRADIATION ...Neutron -see Radiation; Radiation Carcinogenesis; Radiation, Low Level; Radiation, Whole Body; Tumor Pathology; ...5.0623

THE EFFECT OF PREVIOUS PARITY ON THE INDUCTION OF OVARIAN TUMORS IN IRRADIATED MICE ...Radiation Effects - Biological; ...5.0633

CYTOLOGY AND TISSUE CULTURE IN GENETIC AND DEVELOPMENTAL STUDIES ...Lethal Mutation; Radiation Effects - Biological; Somatic Mutation; X and Gamma Rays; ...5.0635

COMPARISON OF DOSE FRACTIONATION AND PROTRACTION AND RBE FOR LATE SOMATIC EFFECTS IN MICE IRRADIATED WITH FAST NEUTRONS ...Neutron -see Radiation; Radiation Effects - Biological; Radiation, Whole Body; X and Gamma Rays; ...5.0636

LETHAL EFFECTS OF NEUTRONS TO THE MOUSE ZYGOTE AND EARLY EMBRYO ...Neutron -see Radiation; Radiation Effects - Biological; Radiation, Lethal Dose; X and Gamma Rays; ...5.0637

MODIFICATION OF LATE SOMATIC EFFECTS OF RADIATION BY HYPOXIA ...Injury -animal; Radiation Effects - Biological; X and Gamma Rays; ...5.0638

RADIOSENSITIVITY OF IMMUNOCOMPETENT CELLS IN STATES OF FLUX ...Aging; Radiation; Radiation Sensitivity - man; ...5.0643

HEMOPOIESIS AND RADIOSENSITIVITY ...Radiation Sensitivity -man; X and Gamma Rays; ...5.0646

LATE EFFECTS OF EXPOSURE TO LOW AND MEDIUM LEVELS OF WHOLE BODY IRRADIATON IN MICE ...Radiation, Whole Body; Vertebrates Excl. Man; X and Gamma Rays; ...5.0647

PATHOGENESIS OF RADIATION INDUCED HEMOPOIETIC DEATH IN GNOTOBIOTIC MICE ...Radiation Effects - Biological; Radiation, Lethal Dose; ...5.0650

INFLUENCE OF THE MICROBIAL ENVIRONMENT ON AGING AND LONG TERM EFFECTS OF RADIATION ...Microorganisms -nonspecific; Radiation Effects - Biological; ...5.0651

THE TIME COURSE OF RECOVERY FROM GAMMA RAYS AND FISSION NEUTRONS ...Injury -animal; Neutron -see Radiation; Vertebrates Excl. Man; X and Gamma Rays; ...5.0653

LATE EFFECTS OF RADIATION AS A FUNCTION OF DOSE RATES BETWEEN 1 R PER DAY AND 1 R PER SECOND ...Injury -animal; Vertebrates Excl. Man; X and Gamma Rays; ...5.0654

EFFECTS OF PRENATAL IRRADIATION ON GROWTH ...Developmental Physiology; Vertebrates Excl. Man; ...5.0669

THE EFFECT OF RADIATION ON PRENATAL DEVELOPMENT ...Cobalt; Developmental Physiology; Experimental Teratology; Ovis; Sus; X and Gamma Rays; ...5.0674

IRRADIATION PROTECTION AND HISTOCOMPATIBILITY ...Biological Basis; Immunology; Radiation Injury Prevention; Radiation Sources -general; ...5.0689

FACTORS INFLUENCING LD50, LD100 AND PRENATAL RADIATION INJURY ...Developmental Physiology; Injury and Shock; Radiation, Whole Body; ...5.0690

CYTOGENETIC INJURY IN X-RAY IRRADIATED MICE ...Physical Mutagenesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0691

THE RADIOBIOLOGY OF NORMAL TISSUES ...Cancer; Cellular Repair Mechanisms; Healing; Radiation; X and Gamma Rays; ...5.0696

THE RADIOSENSITIVITY OF MAMMALIAN GERM CELLS ...Aging; Cellular Physiol gy- Env. Eff.; Mustelidae; Radiation Sources -general; ...5.0710

DEOXYCYTIDINE LEVELS IN URINE AND PLASMA AS AN INDEX OF IONIZING RADIATION DOSE ...Biochemical Analysis - Tissues; Biological Dosimetry; Carbon; Hydrogen; Urine; ...5.0711

RADIATION EFFECTS ON CHYLOMICRON SYNTHESIS AND CAPILLARY PERMEABILITY IN MICE ...Cellular Biosynthesis; Digestive System - Human; Passive Transport, Diffusion; Permeability; Radiation; Radiation, Whole Body; ...5.0738

EFFECTS OF IRRADIATING SKIN ...Chemical Carcinogenesis; Co-carcinogenesis; Radiation Carcinogenesis; Sus; ...5.0743

METABOLISM AND EFFECTS OF RADIONUCLIDES IN FETUS AND YOUNG ...Cerium; Developmental Physiology; Plutonium; Radiation Injury Prevention; Zinc; ...5.0744

INHALATION STUDIES - BIOCHEMICAL STUDIES ...Biochemical Analysis - Tissues; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0749

REMOVAL OF INTERNAL EMITTERS ...Chelation & Complexing; Plutonium; Promethium; Radiation Injury Prevention; Sus; ...5.0753

GASTROINTESTINAL IRRADIATION STUDIES ...Caviidae; Digestive System - Human; Rabbits; Radiation, Whole Body; Sus; X and Gamma Rays; ...5.0755

GENETIC EFFECTS OF CUMULATIVE IRRADIATION IN RATS ...Lethal Mutation; Physical Mutagenesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0764

RADON AND SILICON DIOXIDE TOXICITY ON RATS' LUNGS ...Radiation Effects - Biological; Radon; Respiratory Irritants, Inhaled; Toxicology; ...5.0771

DETERMINATION OF UPTAKE RATES, ORGAN SPECIFICITIES, AND BIOLOGICAL LIFETIMES OF RADIOISOTOPES AND ELEMENTAL SPECIES IN THE RAT ...Barium; Chelation & Complexing; Gamma Spectroscopy; Mercury; Radiation Injury Prevention; Tantalum; ...5.0781

STUDIES IN THE USE OF IONIZING RADIATION AS STIMULI ...Beta Particles; Learning and Retention; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; ...5.0814

USE OF IONIZING RADIATIONS AS STIMULI ...Beta Particles; Cercopithecoidea; Pigeon; Vertebrates Excl. Man; X and Gamma Rays; ...5.0815

RELATIVE BIOLOGICAL EFFECTIVENESS ...Invertebrates; Plants; Radiation Effects - Biological; Radiation, Lethal Dose; Vertebrates Excl. Man; X and Gamma Rays; ...5.0828

DOSIMETRY ...Americium; Fast Neutrons; Ionizing Radiation -see Rad.; Plutonium; Radiation Penetration; X and Gamma Rays; ...5.0830

RADIOPROTECTIVE AND TUMORICIDAL EFFECTS OF TWO NEUROTROPIC DRUGS ...Cancer; Cellular Viability; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation, Lethal Dose; Radiation, Whole Body; Tumor Pathology; ...5.0836

BASAL METABOLIC RATES AND EXCRETION OF RADIONUCLIDES ...Cesium; Radiation Effects - Biological; Radiation Injury Prevention; Whole Body; ...5.0865

CHARACTERISTICS OF A WITHIN-STRAIN RADIATION RESISTANCE FACTOR ...Injury -animal; Radiation Effects - Biological; ...5.0867

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Commelinaceae; Dosimetry; Ionizing Radiation -see Rad.; Plasmas; Radiation; Radiation Sources -general; X and Gamma Rays; ...5.0870

THE MEASUREMENT OF BIOLOGICAL DAMAGE AND ITS RELATIONSHIP TO 'IN-TISSUE' ENERGY ABSORPTION ...Dosimetry; Fast Neutrons; Ionizing Radiation -see Rad.; Iron; Radiation Penetration, X and Gamma Rays; ...5.0888

ENDOTOXIN EFFECTS ON MOUSE COLONY-FORMING UNITS ...Bacteria -nonspecific; Bacterial Endotoxins; Biological Basis; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation Sources -general; Radiation, Whole Body; ...5.0901

MERCAPTOCYCLOPROPYLAMINES RADIATION-PROTECTIVE AGENTS ...Radiation; Radiation Injury Prevention; Sulfhydryl Compounds; X and Gamma Rays; ...5.0911

STUDIES IN IODINE METABOLISM ...Australia; British Isles; Digestive System - Human; Iodine; Japan; Radiation Effects - Biological; Radiologic Health; ...5.0920

BIOLOGICALLY ORIENTED ORGANIC SULFUR CHEMISTRY ...Histoplasma; Sulfhydryl Compounds; ..5.0921

RBE OF 60 MEV-PROTONS FOR LATE SOMATIC EFFECTS IN MICE ...Radiation Effects - Biological; Radiation, Whole Body; Somatic Mutation; X and Gamma Rays; ...5.0930

CHEMICAL PROTECTION AGAINST IONIZING RADIATION ...Bioassays; Digestive System - Human; Radiation Dose Studies-general; Radiation Injury Prevention; ...5.0931

RADIATION-INDUCED MUTATIONS IN MICE ...Physical Mutagenesis; Radiation Effects - Biological; ...5.0935

A COMPUTER METHOD FOR ANALYSIS OF DATA ON MOUSE REPRODUCTION ...Radiation, Low Level; ...5.0936

BONE CANCER INDUCTION BY RADIONUCLIDES INCIDENCE VS DOSE ...Alpha Particles; Canidae; Plutonium; Radiation, Low Level; Strontium; ...5.0954

INTERNAL DEPOSITIONS OF RADIONUCLIDES IN MAN ...Occupational Hazards; Plutonium; Promethium; Radiation Injury Prevention; Radiologic Health; Respiratory Irritants, Inhaled; Samarium; ...5.0957

INHALATION STUDIES - KINETICS AND DOSIMETRY STUDIES ...Aerosols; Americum; Curium; Promethium; ...5.0959

INHALATION STUDIES - THERAPEUTIC REMOVAL STUDIES ...Canidae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; ...5.0960

THE VALUE OF RADIOPROTECTIVE COMPOUNDS ...Nuclear Radiation, Power Development; Radiation; Radiation Effects - Man; Radiation Injury Prevention; X and Gamma Rays; ...5.0965

STUDIES OF PROBLEMS RELATED TO CHEMICAL PROTECTION AGAINST RADIATION ...Radiation Injury Prevention; X and Gamma Rays; ...5.0966

BEHAVIORAL TOXICITY OF NOISE IN IMMATURE MICE ...Auditory Stress; Hearing Loss and Deafness; Noise; Psychology; Vibrations, -bioeffects; ...6.0080

INTERACTION OF ULTRASOUND AND BIOLOGICAL MEDIA ...Felidae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0081

HEARING AND VOCAL OUTPUT ...Auditory Physiology; Noise; Psychological Response; Sensory & Perceptual Processes; Sonic Spectrograph; Sound Production; ...6.0084

THE EFFECTS OF AGE, FOOD DEPRIVATION, AND WHITE NOISE ON READINESS TO EAT AND EXPLORATORY TENDENCIES IN RATS ...Auditory Stress; Learning and Retention; Motivation and Instinct; ...6.0092

BIOCHEMICAL CORRELATES IN ENVIRONMENTAL STRESS ...Acceleration Effects - Human; Ceboidea; Cellular Biosynthesis; Environmental Effects - Human; Noise; Radiation -see Specifics; Stressors, Physiological; ...6.0108

THE EFFECTS OF NOISE ON BEHAVIOR ...Auditory Stress; Noise; Psychology; Sensory & Perceptual Processes; ...6.0111

NEUROLOGICAL VARIABLES AFFECTING ULCERATION RATE ...Auditory Stress; Digestive System - Human; Stress - behavioral Aspects; Stressors, Physiological; ...6.0118

Rodentia -other

SURVEY OF AIRBORNE FLUORIDES IN GLACIER NATIONAL PARK AND EFFECTS ON VEGETATION AND WILDLIFE ...Air Pollution see Specifics; Fluorine; Mammals -nonspecific; Plant Community Mapping; Plant Response to Env. -ns; Pollution Effects -see Water; Wildlife -nonspecific; ...1.0363

TOXICANTS AND BAITS FOR CONTROLLING NUTRIA IN AGRICULTURAL AREAS ...Antimammal Cpds. -nonspecific; Baits, Lures; Bioassay; Control of Nuisance Species; Laboratory Animals; Pesticide Evaluation; Spawn Or Nesting Sites; ...4.0627

PATHOLOGIC EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS USED IN THE ENVIRONMENT - THE TOXICITY OF NITRATES ...Animal Pharmacology; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0675

BIO-ASSAY OF SMOKE CONDENSATE FROM TOBACCO TREATED WITH AGRICULTURAL CHEMICALS ...Bioassays; Chemical Carcinogenesis; Pesticide Toxicity in Humans; Pesticides -nonspecific; Tobacco -cigarettes; ...4.1077

EFFECTS OF LOW DOSES OF IONIZING RADIATION ON NUCLEIC ACID STRUCTURE AND FUNCTION ...Hydrogen; Radiation Chemistry -biophys.; Radiation, Low Level; ...5.0140

EFFECTS OF NUCLEAR TESTING ON VASCULAR PLANT AND RODENT POPULATIONS, NEVADA TEST SITE, NYE COUNTY, NEVADA ...Nevada; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; X and Gamma Rays; Zygophyllaceae; ...5.0147

VASCULAR PLANT AND RODENT PARAMETERS IN 68 MOJAVE AND GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, SOUTHERN NEVADA, 1962-70 ...Animal Productivity; Deserts, Arid Lands; Plants; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Vertebrates Excl. Man; ...5.0148

CONTINUOUS GAMMA IRRADIATION OF NATURAL POPULATIONS OF DESERT ANIMALS ...Arid and Desert Regions; Cesium; Radiation, Lethal Dose; Radioactive Fallout-cf Fallout; Reptiles; Vertebrates Excl. Man; X and Gamma Rays; ...5.0160

MECHANISMS OF LOCAL CARCINOGENESIS - RADIATION, PLASTIC FILMS, AND OTHER AGENTS ...Beta Particles; Canidae; Plastics; Radiation Carcinogenesis; Radiation Sensitivity -man; ...5.0269

SOFT TISSUE RETENTION OF STRONTIUM-90 ...Strontium; Vertebrates Excl. Man; Yttrium; ...5.0270

NEUTRON AND GAMMA RAY TOXICITY STUDIES EMPLOYING THE JANUS BIOLOGY REACTOR COMPLEX ...Accident; Aging; Digestive System - Human; Occupational Hazards; Radiation Effects - Biological; Radiation, Lethal Dose; ...5.0278

STUDIES ON EFFECT OF MICROWAVE IRRADIATION ON TURNOVER RATE OF SEROTONIN AND NOREPINEPHRINE IN RODENT BRAIN ...Microwave and Radiofrequency; Radiation Effects - Biological; Temperature & Humidity Effects; Temperature - Human Body; ...5.0352

EXPERIMENTAL ELECTROMAGNETIC RADIATION STUDIES ...Canidae; Electromagnetic Field; Escherichia Coli; Microwave and Radiofrequency; Primates -nonspecific; Radiation Sensitivity - man; ...5.0370

COMPARATIVE METABOLISM OF RADIONUCLIDES BY MAMMALS - FACTORS WHICH ALTER NORMAL METABOLIC PARAMETERS ...Canidae; Cesium; Monkey; Vertebrates Excl. Man; X and Gamma Rays; ...5.0459

RADIOECOLOGY OF SMALL VERTEBRATE SPECIES UNDER NATURAL ENVIRONMENTS ...Population Dynamics -general; Sciuridae; Vertebrates Excl. Man; X and Gamma Rays; ...5.0592

239-PU RETENTION IN THE CHINCHILLA ...Body Isotope Burden; Canidae; Digestive System - Human; Metabolism and Biochemistry: Plutonium; Radiation Injury Prevention; ...5.0720

TERRESTRIAL ANIMAL ECOLOGY ...Animal Productivity; Cricetidae -other; Environmental Ecology; Population Dynamics - general; Radiation Sensitivity -man; ...5.0745

THE DETERMINATION OF SUSCEPTIBILITY TO HEARING LOSS ...Auditory Physiology; Auditory Stress; Hearing Loss and Deafness; Learning and Retention; Psychology; ...6.0090

Sciuridae

CONTROL METHODS FOR CALIFORNIA GROUND SQUIRRELS ...Antimammal Cpds. -nonspecific; Baits, Lures; Control of Nuisance Species; Laboratory Animals; Pesticide Evaluation; ...4.0553

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Diphacin; Fish; Fungicides -nonspecific: Mammals; Metal Organics -nonspecific; Pesticide Evaluation: Polychlorinated Biphenyl Cpds.; ...4.0566

CELLULAR AND CYTOGENETIC EVALUATION OF RADIATION EFFECT ...Canidae; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Strontium; X and Gamma Rays; ...5.0131

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation, Bos; Cricetidae -other; Felidae; Forest Environment -general; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Vertebrates Excl. Man; ...5.0258

CHANGE IN RADIOSENSITIVITY OF INTESTINAL CRYPTS FROM GROUND SQUIRRELS DURING THE FIRST 48 HOURS AFTER AROUSAL FROM HIBERNATION ...Hibernation; Injury -animal; Radiation Sensitivity -man; Radiation, Lethal Dose; Temperature - Air; Vertebrates Excl. Man; X and Gamma Rays; ...5.0279

ACUTE AND CHRONIC RADIATION EFFECTS IN MAMMALS ...Cricetidae -other; Marsupialia -other; Primates -nonspecific; Radiation Effects - Man; Radiation, Low Level; X and Gamma Rays; ...5.0287

BIOLOGY OF THE EASTERN CHIPMUNK, TAMIAS STRIATUS ...Animal Productivity; Elevation Levels, Altitude; Population Dynamics -general; Vertebrates Excl. Man; ...5.0375

RADIOECOLOGY OF SMALL VERTEBRATE SPECIES UNDER NATURAL ENVIRONMENTS ...Population Dynamics -general; Rodentia -other; Vertebrates Excl. Man; X and Gamma Rays; ...5.0592

Ruminants -nonspecific

FACTORS AFFECTING PLACENTAL TRANSFER, METABOLISM AND EXCRETION OF PESTICIDES IN ANIMALS ...Animal Pharmacology; DDT; Laboratory Animals; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; Tissue Accumulation Rates; ...4.0669

Suidae

Sus

SWINE HOUSING ENVIRONMENT ...Air Pollution -see Specifics; Corrosion, Deterioration; Farm Structures & Design; Humidity; Wind -see Air Motion; ...1.0055

TRACE AMOUNT SUBSTANCES IN ENVIRONMENTAL HEALTH ...Chemical Analysis (water); Developmental Physiology; Environmental Effects - Human; Health & Geographic Factors; Water Pollutant Identification; ...1.0217

LITERATURE REVIEW ON THE EFFECT OF AIR POLLUTANTS ON LIVESTOCK AND POULTRY ...Air Pollution -see Specifics; Arsenic; Environment Resistance-animals; Fluorine; Literature Search; Poultry -nonspecific; ...1.0352

EXPLORATORY STUDY OF LIMITATIONS OF BOD FOR ANIMAL WASTE EVALUATION ...Antihelminth; Atomic Absorption; Biochemical Oxygen Demand; Chemical Analysis; Farm Animal Wastes; Pesticide Residues; Total Organic Carbon; ...2.0712

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Animal Wastes - Feed Lots; Chemical Analysis (water); Escherichia Coli; Farm Animal Wastes; Lysimeters; Physical Models; Salmonella -nonspecific & - ot.; Waste Disposal on Soils; ...2.1288

DISPOSAL OF WASTE FROM SWINE FEEDING FLOORS TO MINIMIZE OR ELIMINATE STREAM POLLUTION ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Septic Tanks; Waste Disposal on Soils; ...2.1291

AUTOMATED SYSTEM FOR WATER POLLUTION CONTROL FROM AN ANIMAL PRODUCTION UNIT ...Animal Wastes - Feed Lots; Farm Animal Wastes; Waste Disposal on Soils; ...2.1378

SWINE WASTE TREATMENT AND DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Effluents - Waste Water; Irrigation; Sewage Lagoons; Waste Disposal on Soils; ...3.0058

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange: Maps -general; Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Wind -see Air Motion; ...3.0069

DESIGN AND OPERATION CRITERIA FOR AN ANAEROBIC LAGOON FOR SWINE WASTE ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Lagoon; Piedmont Province; Sewage Lagoons; Water Reuse; ...3.0113

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Biochemical Oxygen Demand; Environment Resistance-animals; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage Lagoons: Space Requirements; Taste & Odor of Water; ...3.0132

CONTROL OF FLIES AND OTHER INSECTS ASSOCIATED WITH SWINE PRODUCTION WITHOUT INSECTICIDE ...Biological Control; Farm Animal Wastes, Sewage Lagoons; ...3.0140

INVESTIGATIONS OF BIOLOGY, ECOLOGY AND CONTROL OF INSECT PESTS OF INDIANA LIVESTOCK ...Feces, Insecticides -nonspecific; Pesticide Evaluation; Pesticide Interaction With Env; Zea Mays - Field Corn; ...3.0142

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Farm Animal Wastes; Poultry -nonspecific; Waste Disposal-see Solid Waste; ...3.0143

DEMONSTRATION OF A RECIRCULATING SWINE WASTE TREATMENT SYSTEM USING A ROTATING BIOLOGICAL CONTRACTOR ...Animal Wastes - Feed Lots; Economic Feasibility; Farm Animal Wastes; Water Reuse; ...3.0144

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Chemical Oxygen Demand; Farm Animal Wastes; Lagoon; Noise -see Noise; Recycle Water; ...3.0145

LAGOONS FOR DISPOSAL OF BARN YARD WASTES ...Aeration (water); Bos; Effluents - Waste Water; Farm Animal Wastes; Lagoon; Microorganisms -nonspecific; Sewage Lagoons; Taste & Odor of Water; ...3.0152

SWINE HOUSING ENVIRONMENT ...Farm Animal Wastes; Farm Structures & Design; Humidity; Temperature - Air; Wind -see Air Motion; ...3.0183

INFLUENCE OF CERTAIN HOUSING AND MANAGEMENT REGIMES ON CONFINEMENT REARING OF GROWING FINISHING PIGS ...Farm Animal Wastes; Farm Structures & Design; Humidity; Temperature - Air; Wind -see Air Motion; ...3.0211

MANAGEMENT PRACTICES AFFECTING SWINE PRODUCTION ...Animal Pharmacology; Farm Animal Wastes; Injury - animal; Space Requirements; Temperature - Air; ...3.0280

SYSTEM OF SWINE PRODUCTION DESIGNED TO IMPROVE COMPETITIVE POSITION ...Farm Animal Wastes; Farm Structures & Design; Humidity; Swine Industry; Wind -see Air Motion; ...3.0303

ANALYSIS OF COMPLETE LIVESTOCK PRODUCTION SYSTEMS ...Bos; Farm Animal Wastes; Farm Structures & Design; Poultry -nonspecific; Sewage Lagoons; ...3.0313

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Endrin; Methoxychlor; Pesticide Residues Removal; ...4.0423

TISSUE RESIDUE ACCUMULATION AND PHYSIOLOGICAL AND REPRODUCTIVE RESPONSE OF LINDANE-TREATED SWINE ...Chemical Analysis; Domestic Animals; Lindane; Pesticide Residues; Tissue Accumulation Rates; ...4.0637

PERFORMANCE OF SWINE FED PESTICIDES AND RESIDUES IN BODY TISSUE ...DDT; Heptachlor Epoxide; Malathion; Pesticide Residues in Feeds; Tissue Accumulation Rates; ...4.0642

PESTICIDE RESIDUAL ACCUMULATION AND ELIMINATION BY SWINE ...Chemical Analysis; DDT; Lindane; Malathion; Pesticide Application Rates; ...4.0643

PATHOLOGIC EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS USED IN THE ENVIRONMENT - THE TOXICITY OF NITRATES ...Animal Pharmacology; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Rodentia -other; Tissue Accumulation Rates; ...4.0675

QUALITY IN PORK AS INFLUENCED BY CERTAIN PHYSICAL AND CHEMICAL CHARACTERISTICS ...Chemical Analysis; DDT; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0797

BIOCHEMISTRY AND PHYSIOLOGY OF ADIPOSE TISSUE OF MEAT ANIMALS ...Aging; Chemical Analysis; Chlorine; Gamma Spectroscopy; Ovis; Petroleum Cpds. -nonspecific; ...4.0837

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Dursban; Heptachlor; Meliagris; Paraquat; Pesticide Residues Removal; Ronnel; ...4.0868

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN LIVESTOCK AND POULTRY ...Animal Resistance; Bos; Ddvp; Gallus Domesticus; Liquids Or Sprays; Pesticides - other; Ronnel; ...4.0869

TOXICOLOGICAL EFFECTS OF VARIOUS PESTICIDES AND OTHER AGRICULTURAL CHEMICALS ON LIVESTOCK AND POULTRY ...Acaricides -nonspecific; Deet; Fungicides - nonspecific; Herbicides -nonspecific; Nematocides -nonspecific; Pesticide Residue Analysis; ...4.0871

ORGANIC MERCURY POISONING IN SWINE ...Animal Pharmacology; Domestic Animals; Mercurous Chloride; Mercury; Pesticide Action on Animals; ...4.0900

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Thimet; Water Quality Control -general; ...4.1024

GASTROINTESTINAL ABSORPTION OF AGRICULTURAL CHEMICALS IN ANIMALS ...Animal; Carbon; Domestic Animals; Mca-600; Sevin; ...4.1098

METHODS OF ANALYSIS FOR PESTICIDES, KERRVILLE ...Bos, Biodrin; Ddvp; Domestic Animals; Gallus Domesticus; Gardona; Pesticide Residue Analysis; ...4.1125

METABOLISM OF NUCLEAR DEBRIS IN THE DOG AND THE PIG ...Capra; Iodine; Molybdenum; Radiologic Health; Ruthenium; Tellurium; Tungsten; ...5.0137

IDENTIFICATION OF THE RADIOSENSITIVE STAGES DURING THE DIFFERENTIATION OF THE IMMUNOCOMPETENT CELL ...Radiation; Radiation Sensitivity -man; Radiation, Lethal Dose; Radiation, Whole Body; X and Gamma Rays; ...5.0221

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Bos; Copper; Iodine; Laboratory Animals; Muridae; Radiation Effects; X and Gamma Rays; ...5.0246

ANIMAL METABOLIC STUDIES OF STRONTIUM AND CALCIUM WITH SPECIAL REFERENCE TO FALLOUT RADIONUCLIDES ...Bos; Calcium; Capra; Radioactive Fallout-cf Fallout; Strontium; ...5.0317

EXPERIMENTAL POPULATION GENETICS IN THE LABORATORY MOUSE ...Muridae; Radiation, Lethal Dose; Vertebrates Excl. Man, X and Gamma Rays; ...5.0323

PHASE I FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS - SOME ASPECTS OF STRONTIUM METABOLISM ...Metabolism & Metab. Diseases; Muridae; Radiation Carcinogenesis; Strontium; ...5.0481

ANIMAL METABOLISM OF FISSION PRODUCTS AND RELATED NUCLIDES ...Beta Particles; Calcium; Ovis; Radioactive Fallout-cf Fallout; Rumen Bacteria; Yttrium; ...5.0611

EVALUATION OF MEAT FROM ANIMALS EXPOSED TO LETHAL RADIATION LEVELS ...Bos; Food Bacteria; Food Contamination; Radiation, Lethal Dose; Vertebrates Excl. Man; X and Gamma Rays; ...5.0616

EFFECTS OF RADIATION ON REPRODUCTIVE PHYSIOLOGY IN FARM ANIMALS ...Developmental Physiology; Muridae; Ovis; Vertebrates Excl. Man; X and Gamma Rays; ...5.0619

EFFECTS OF RADIATION ON LARGE ANIMALS - SOMATIC ...Developmental Physiology, Dose Rate, Dose Fractionation; Muridae; Ovis; Vertebrates Excl. Man; X and Gamma Rays; ...5.0620

EFFECT OF RADIATION ON TRACE ELEMENT METABOLISM IN CATTLE, SHEEP AND SWINE ...Bos; Ovis, Vertebrates Excl. Man; ...5.0656

RADIATION STUDIES ON LIVESTOCK UNDER SIMULATED FALLOUT CONDITIONS ...Animal Productivity, Bos; Radiation Effects; Radioactive Fallout-cf Fallout; X and Gamma Rays; ...5.0659

EARLY EFFECTS OF 14 MEV NEUTRON IRRADIATION IN SWINE ...Cell Injury and Autolysis, Injury and Shock; Neutron - see Radiation; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0660

THE EFFECT OF INTENSITY OF 60CO GAMMA RADIATION ON THE EARLY MORTALITY OF SWINE ...Radiation, Lethal Dose; Vertebrates Excl. Man; X and Gamma Rays; ...5.0663

EFFECTS OF RADIATION ON THE REPRODUCTIVE SYSTEM ...Bos; Radiologic Health; Vertebrates Excl. Man; ...5.0666

PATHOLOGY ...Bos; Ovis; Vertebrates Excl. Man; X and Gamma Rays; ...5.0668

TISSUE CULTURE STUDIES IN LARGE ANIMALS ...Neutron - see Radiation; Radiation Effects - Biological; Somatic Mutation; ...5.0670

THE EFFECT OF RADIATION ON PRENATAL DEVELOPMENT ...Cobalt; Developmental Physiology; Experimental Teratology, Muridae; Ovis; X and Gamma Rays; ...5.0674

SPECIES COMPARISON OF THE ACUTE IRRADIATION SYNDROME ...Injury -animal; Iron; Ovis; Radiation, Lethal Dose; Vertebrates Excl. Man; ...5.0676

SPACE NUCLEAR SYSTEMS STUDIES ...Aerosols; Body Isotope Burden; Chemical Mechanisms & Kinetics; Plutonium; Radiation Dose Studies-general; Radioactive Hazard; Space Medicine - Exobiology; ...5.0735

EFFECTS OF IRRADIATING SKIN ...Chemical Carcinogenesis; Co-carcinogenesis, Muridae, Radiation Carcinogenesis; ...5.0743

EFFECTS OF RADIOIODINE IN SHEEP AND SWINE ...Iodine; Ovis; Vertebrates Excl. Man; ...5.0746

REMOVAL OF INTERNAL EMITTERS ...Chelation & Complexing; Muridae; Plutonium; Promethium; Radiation Injury Prevention; ...5.0753

GASTROINTESTINAL IRRADIATION STUDIES ...Caviidae; Digestive System - Human; Muridae; Rabbits; Radiation, Whole Body, X and Gamma Rays; ...5.0755

CORRELATION OF DEPTH DOSE DISTRIBUTION PATTERNS WITH BIOLOGICAL EFFECTS IN SWINE FOR CO-60 GAMMA RAYS, 14 MEV NEUTRONS AND FISSION NEUTRONS ...Neutron -see Radiation; Vertebrates Excl. Man; X and Gamma Rays; ...5.0941

EFFECTS OF RADIOSTRONTIUM IN MINIATURE SWINE ...Radiation Effects - Biological; Strontium; ...5.0955

PENETRATIVE AND METABOLIC EFFECTS OF LOW INTENSITY ULTRASOUND IN NERVE AND MUSCLE WITH AND WITHOUT EXTERNALLY ADDED CORTISOL ...Metabolism & Metab. Diseases; Phenols; Ultrasonic -bioeffects; ...6.0107

Vertebrates -nonspecific

PHOTOSENSITIZED OXYGENATIONS ...Air Pollution -see Specifics; Isotope Effects; Mechanism Determination; Photoactivation and React; Pollution Effects -see Water; ...1.0889

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Biological Effects; Cooperative Studies; Estuaries; Invertebrates -nonspecific; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Size; Texture; ...2.0210

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution, Water Pollutant Identification; ...2.1527

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Water Pollution Effects; ...2.1574

THE THERMAL REQUIREMENTS AND TOLERANCE OF KEY ESTUARINE ORGANISMS ...Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Salinity (water); Thermal Pollution; ...2.1576

A SURVEY OF THE VERTEBRATES OF THE PEARL RIVER RESERVOIR ...Aquatic Ecology - Animal; Contamination - Water; Literature Search; Mississippi; Population Dynamics - general; Reservoirs and Impoundments; ...2.1609

DEVELOPMENT AND REFINEMENT OF ANALYTICAL METHODS FOR AGRICULTURAL PRODUCTS ...Animal Pharmacology; Chemical Analysis; Iodine; Lead; Pesticide Residues in Feeds; Pesticide Residues Removal; Pesticides -nonspecific; ...4.0489

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Air Pollution -see Specifics; Food Contamination; Pesticide Toxicity in Humans; Physiological Effects; Radiation, Low Level; Residues in Foods; Toxicology; Water Pollution -see Specifics; ...4.0658

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Growth; Plants; Plants - Monocotyledons; Radiation Effects -see Rad.; Radiation Sensitivity -man; Reproductive Physiology; X and Gamma Rays; ...5.0536

RESPONSE OF PIGMENT CELLS TO X- AND UV-RADIATIONS ...Biological Basis; Radiation; Radiation Sensitivity -man; Ultra Violet Radiation; X and Gamma Rays; ...5.0604

STUDIES IN COMPARATIVE AUDITORY NEUROPHYSIOLOGY ...Sound Production; ...6.0093

Mammals & Wildlife Biology

Captive Rearing

EFFECTS OF A PESTICIDE ON REPRODUCTION OF CONFINED COTTONTAILS ...Mammals; Pesticide Action on Animals; Pesticide Formulation; Population Dynamics -general; ...4.0747

Censusing

Census -other

VASCULAR PLANT AND RODENT PARAMETERS IN 68 MOJAVE AND GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, SOUTHERN NEVADA, 1962-70 ...Animal Productivity; Deserts, Arid Lands; Plants; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Vertebrates Excl. Man; ...5.0148

Ground Census

INVESTIGATIONS OF WILDLIFE MORTALITY RELATED TO PESTICIDES ...Censusing; Chemical Analysis; Pesticides -nonspecific; Questionaire; Wildlife -nonspecific; ...4.0622

EFFECTS OF CHEMICAL SAGEBRUSH CONTROL ON MULE DEER IN THE MISSOURI RIVER BREAKS, MONTANA ...Animal Habitat Studies; Artemisia; Mammals; Odocoileus; Telemetry; Wildlife Habitat Management; ...4.0749

Questionaire

INVESTIGATIONS OF WILDLIFE MORTALITY RELATED TO PESTICIDES ...Censusing; Chemical Analysis; Ground Census; Pesticides -nonspecific; Wildlife -nonspecific; ...4.0622

Control of Nuisance Species

CONTROL METHODS FOR CALIFORNIA GROUND SQUIRRELS ...Antimammal Cpds. -nonspecific; Baits, Lures; Laboratory Animals; Pesticide Evaluation; Sciuridae; ...4.0553

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Diphacin; Fish; Fungicides -nonspecific; Mammals; Metal Organics -nonspecific; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0566

FIELD TRIALS WITH ANTIFERTILITY AGENTS FOR PREDATOR CONTROL ...Animal Predation; Canidae; Impregnated Materials-products; Pesticide Application Rates; Population Dynamics -general; ...4.0577

CONTROL METHODS FOR RATS DAMAGING SUGARCANE ...Antimammal Cpds. -nonspecific; Baits, Lures; Muridae; Pesticide Evaluation; Pesticide Safety Measures; ...4.0604

TOXICANTS AND BAITS FOR CONTROLLING NUTRIA IN AGRICULTURAL AREAS ...Antimammal Cpds. -nonspecific; Baits, Lures; Bioassay; Laboratory Animals; Pesticide Evaluation; Rodentia -other; Spawn Or Nesting Sites; ...4.0627

Endangered Species

PESTICIDE RESIDUES AND PARASITES IN BIG GAME MAMMALS ...Antilocapridae; Cervus; Forest Environment -general; Nematoda; Ovis; ...4.0845

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

Management -general

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

PRELIMINARY PESTICIDE STUDY ...Management -other; Monitoring Systems; Pesticides -nonspecific; Wildlife -nonspecific; ...4.0852

Mark, Tag Or Capture

Bands

DETERMINATION OF THE EFFECTS OF OIL IMMERSION ON SWAMP RABBITS ...Contamination - Water; Environmental Ecology; Nets; Petroleum -see Oil; Rabbits; Temperature - Air; ...2.1565

Nets

DETERMINATION OF THE EFFECTS OF OIL IMMERSION ON SWAMP RABBITS ...Bands; Contamination - Water; Environmental Ecology; Petroleum -see Oil; Rabbits; Temperature - Air; ...2.1565

Telemetry

EFFECTS OF CHEMICAL SAGEBRUSH CONTROL ON MULE DEER IN THE MISSOURI RIVER BREAKS, MONTANA ...Animal Habitat Studies; Artemisia; Ground Census; Mammals; Odocoileus; Wildlife Habitat Management; ...4.0749

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Animal Behavioral Ecology; Biological Rhythms; Motivation and Instinct; Odocoileus; Procyonidae; Rabbits; Range Or Territorial Distr.; Teal, Green-winged; Vertebrates Excl. Man; ...5.0413

Pathology

TOXICOLOGY OF SELECTED PESTICIDES IN SELECTED WILDLIFE SPECIES ...Behavior -vertebrate; Mallard; Odocoileus; Pesticide Phytotoxicity; Pesticides -nonspecific; Quail; ...4.0581

PESTICIDE RESIDUES AND PARASITES IN BIG GAME MAMMALS ...Antilocapridae; Cervus; Forest Environment -general; Nematoda; Ovis; ...4.0845

A STUDY OF THE PESTICIDE RESIDUES AND OF PARASITES IN BIG GAME MAMMALS OF SOUTH DAKOTA ...Animal Pharmacology; Anthelmintb; Gastropoda; Ovis; Pesticide Evaluation; Pesticides -nonspecific; ...4.0846

WILDLIFE PATHOLOGY RESEARCH ...Air Pollution -see Specifics; Environmental Physiology; Pesticides -nonspecific; ...4.0908

DISEASE OF WILD SMALL MAMMAL POPULATIONS ON RADIOECOLOGY STUDY AREAS ...Air Pollution -see Specifics; Animal Habitat Studies; Cricetidae -other; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Soricidae; ...5.0634

Man Machine Systems

PARTICLE DYNAMICS ...Atmospheric Dynamics; Diffusion; Engines; Missiles; Photography; Simulation Theory; ...1.0068

FIELD MEASUREMENTS OF ATMOSPHERIC TURBULENCE ...Atmospheric Dynamics; Bomex; Lake Michigan; Mathematical Models; Weather Forecasting; ...1.0699

IMPLEMENTATION OF A LABORATORY AUTOMATION SYSTEM ...Air Pollution-chemistry; Information Science; Information Systems; Xray Diffraction; ...1.0872

GEOSECS - OPERATIONS STAFF ...Data Reduction and Analysis; Ocean Circulation -general; Particle - Gas Transfer; Sampling; Sea Water Properties; Ships and Cruises; ...2.0503

HYDROLOGY, USDI ...Automatic Data Aquisition; Data Networks; Estuaries; Glaciology; Remote Sensing; Soil Tillage; Water Quality -general; ...2.0539

FEASIBILITY STUDY OF WATER RESOURCE POLLUTANT IDENTIFICATION BY DIGITAL COMPUTER ANALYSIS OF REMOTE INFRARED SENSOR SPECTRAL INTENSITIES ...Aircraft Remote Sensing; Industrial Wastes; Instrument Services; Optical Detectors; Radiation Detectors; Thermal Pollution; ...2.0793

HEAVY METALS AND LOCOMOTION IN FISH ...Behavior -vertebrate; Data Processing Services; Fish; Mineralogical Water Properties; Zinc; ...2.1730

SOMATIC EFFECTS OF LOW-DOSE RADIATION - CHROMOSOME ANALYSIS AND ANALYTICAL METHODOLOGY ...Computer Methods -general; Cybernetics; Data Acquisition Systems; Data Reduction and Analysis; Image Amplifiers; Radiation, Low Level; Research - Development; ...5.0785

IN-VIVO NEUTRON ACTIVATION ...Americum; Calcium; Chlorine, Fast Neutrons; Iodine; Models (physical) of Anim.&man; Neutron Generator; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Radiation, Whole Body; ...5.0896

COMPUTER APPLICATIONS ...Californium; Computer Methods - general; Data & Statistics Info Storage; Data Reduction and Analysis; Dose Rate, Dose Fractionation; Neutron -see Radiation; ...5.0897

ULTRA LOW LEVEL RADIONUCLIDE ANALYSIS ...Analysis and Detection; Chemical Analysis (water); Detectors and Sensors; Gamma Spectroscopy; Ion Exchange; Organic Matter; Trace Elements; ...5.0919

WHOLE BODY RETENTION AND DISTRIBUTION MEASUREMENT OF RADIOISOTOPES IN MAN ...Cobalt; Computer Methods -general; Information Systems; Iodine; Models (physical) of Anim.&man; Strontium; ...5.0943

Management (water)

DEVELOPMENT OF A HYDROLOGICAL CONCEPT FOR THE GREATER MOBILE METROPOLITAN-URBAN ENVIRONMENT ...Alabama; Groundwater; Saline Water Intrusion; Water Resources Development; ...2.0003

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Suspension; Urban Runoff; Water Reuse; Watersheds; ...2.0019

SMALL IMPOUNDMENTS - FOSS RESERVOIR ...Mineralogical Water Properties; Reservoirs and Impoundments; Sediments; Turbidity (water); Water Quality -general; ...2.0073

HYDROLOGIC STUDIES LEADING TO SITE UTILIZATION ...Adsorption Capacity; Sediment Transport; Soil Tillage; Water Utilization -general; ...2.0075

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Animal Wastes - Feed Lots; Contamination - Soil; Fertilizers; Nutrients; Percolation (water); Soil Analysis; Soil Minerals -natural; Water Pollutants - Path of; ...2.0081

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Urban Environment; Water Balance - Budget; ...2.0108

EVALUATION OF THE MAGOTHY AQUIFER - ANNAPOLIS AREA, MARYLAND ...Aquifers; Drilling and Coring; Model Studies; Saline Water Intrusion; Size; Water Resources Development; ...2.0169

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

RELATION OF AGRICULTURAL PRACTICES AND NATURAL VEGETATION TO NUTRIENT CONTENT OF WATERS ...Agricultural Runoff; Plant Residues, Humus, Compost; Rainfall Simulators; Water Pollutants - Path of; ...2.0209

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

SALT POLLUTION OF GROUNDWATER ...Artificial Recharge; Fluid Mechanics; Fresh Water; Groundwater Movement; Saline Water Intrusion; ...2.0225

WATER QUALITY MANAGEMENT OF IMPOUNDMENTS ...Aeration (water); Destratification; Engineering Structures-general; Eutrophication; Lakes; North Carolina; Reservoirs and Impoundments; ...2.0287

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond; Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality -general; ...2.0349

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

ECOLOGY OF WESTERN GULF ESTUARIES ...Animal Habitat Studies; Animal Productivity; Dredging; Estuaries; Marine Biology - General; Physical Effects; ...2.0384

EVALUATION OF WETLAND IMPOUNDMENTS ON STATE-OWNED WILDLIFE AREAS ...Amphibious Plants; Demand and Use -recreation; Recreation, Water Resources; Submerged Plants; Water Depth, Water Levels; Wetlands; Wildlife -nonspecific; ...2.0435

EUTROPHICATION OF NATURAL WATERS ...Biological Water Properties; Eutrophic Lakes; Forecasting - Prediction; Physical Water Properties; Water Quality Control -general; ...2.0451

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Animal Productivity; Aquatic Plants -nonspecific; Glaciology; Mineralogical Water Properties; Nutrients; Plant Productivity -general; Sub - Polar Regions; Wild Rivers; ...2.0472

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

WATER QUALITY MANAGEMENT DECISIONS IN COLORADO ...Administrative Organizations; Colorado; Law Enforcement; Water Pollutant Identification; Water Quality -general; Water Resources Planning; Water Standards & Baselines; ...2.0520

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

UPPER ST. JOHNS WATER QUALITY, FLORIDA ...Acidity (water); Florida; Mineralogical Water Properties; Pesticides -see Pesticide; Trace Elements; ...2.0549

POLLUTION OF COASTAL WATERS ...Coastlines - Shorelines; Economic Geology -general; Management; Marine Environments; Social Aspects; Water Quality Control -general; ...2.0565

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Contamination - Water; Fish; Illinois; Invertebrates -nonspecific; Organic Matter; Pollution Effects -see Water; Sediments; ...2.0576

THE ECOLOGY OF DRAKE'S CREEK, KENTUCKY ...Aquatic Ecology - Animal; Kentucky; Survey Studies (water); Water Standards & Baselines; ...2.0596

TECHNOLOGICAL ASSESSMENT OF REMOTE SENSING ...Aircraft Remote Sensing; Chemical Water Properties; Estuaries; Ponds; Water Pollutant Identification; ...2.0632

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement, Management; Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACCMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants, Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

SURVEY OF LAKE NO. 1, WINSLOW TRACT ...Aquatic Ecology - Animal; Chemical Analysis (water); Electro-fishing; Lakes, Nets; New Jersey; Water Utilization -animal; ...2.0679

AUTOMATED FORECAST PROCEDURES FOR RIVER QUALITY MANAGEMENT ...Automatic Data Aquisition; Forecasting - Prediction; Mathematical Models; Ohio River; Storm Water; Water Quality -general; ...2.0714

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Data Reduction and Analysis; Oregon; Plant Freshwater Ecology; Survey Studies (water); Water Quality -general; Watersheds; ...2.0744

STUDY OF AN UNSPOILED ESTUARY ...Bays; Tides; Water Quality -general; Water Supply Development; ...2.0745

HYDROGEOLOGY OF PUBLIC GROUND WATER SUPPLIES IN PENNSYLVANIA ...Chemical Analysis (water); Groundwater; Potomac River; Susquehanna River; Water Yield; ...2.0753

FEASIBILITY STUDY OF WATER RESOURCE POLLUTANT IDENTIFICATION BY DIGITAL COMPUTER ANALYSIS OF REMOTE INFRARED SENSOR SPECTRAL INTENSITIES ...Aircraft Remote Sensing; Industrial Wastes; Instrument Services; Man Machine Systems; Optical Detectors; Radiation Detectors; Thermal Pollution; ...2.0793

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research - general; ...2.0811

LIMNOLOGICAL INVESTIGATIONS OF TEXAS IMPOUNDMENTS FOR WATER QUALITY MANAGEMENT PURPOSES ...Chemical Water Properties; Eutrophication; Nutrients; Streams & Rivers; Water Quality -general; Water Supply Augmentation; ...2.0812

A PRE-IMPOUNDMENT ECOLOGICAL STUDY OF THE BOTTOM FAUNA AND WATER QUALITY IN THE NORTH ANNA RIVER ...Atomic Plants; Chemical Analysis (water); Contamination - Water; Environmental Ecology; Thermal Pollution; Water Standards & Baselines; ...2.0834

DECISION PROCESSES IN WATER QUALITY MANAGEMENT ...Administration and Management; Computer Models; Management; Model Studies; Simulation Theory; ...2.0963

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis; Multiple Purpose Reservoirs; Potable Water; Regional Economics; Social Aspects; Waste Water Treatment -general; Water Resources Planning; ...2.0967

RIVER BASINS - SOUTH FORK DAM ...Agricultural Studies - general; Dams -general; Irrigation; Model Studies; Platte River; River Basins; ...2.0978

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Colorado; Federal Government; Legal Studies; State Government; Water Quality Control -general; ...2.0981

SEDIMENTATION AND CONTAMINANT CRITERIA FOR WATER RESOURCES PLANNING AND MANAGEMENT ...Dispersion (water); Sedimentation; Water Pollutants - Path of; Water Standards & Baselines; ...2.0984

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Biological Water Properties; Contamination - Water; Effluents - Waste Water; Physical Water Properties; Reservoirs and Impoundments; Water Pollutants - Path of; Water Quality Control -general; ...2.1008

EFFECTS OF CONTAMINANTS ON REAERATION ...Aeration (water); Chemical Oxygen Demand; Illinois River; Turbidity (water); Water Purification; ...2.1009

OPTIMIZING STRATEGY FOR STATE WATER POLLUTION CONTROL IN THE POST 'PLAN OF IMPLEMENTATION' PERIOD ...Administrative Organizations; Massachusetts; Optimization, Economic; Survey Studies (water); Water Quality Control -general; Water Resources Planning; ...2.1039

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Data Reduction and Analysis; Forecasting - Prediction; Groundwater; Land Use; Mans Pollutional Activities; Sewage; Waste Disposal-see Solid Waste; Water Quality -general; ...2.1054

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

NATIONAL SYMPOSIUM ON THERMAL POLLUTION ...Electric Power Plants; Energy Conversion; Meetings; Thermal Pollution; ...2.1100

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency; Flow Characteristics (water); Industrial Wastes; Model Studies; North Carolina; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Protection; ...2.1104

LAKE DIKING AS A WATER POLLUTION MANAGEMENT TOOL ...Dams -general; Lakes; Utah; Water Quality Control - general; Water Resources Planning; ...2.1115

UTILIZATION OF PHYSICAL AND MATHEMATICAL MODELS IN ESTUARINE WATER RESOURCES RESEARCH AND MANAGEMENT ...Analog Computer Applications; Dispersion (water); Estuaries; Mathematical Models; Tides; ...2.1122

VERIFICATION OF MODELS USED IN THE MANAGEMENT AND CONTROL OF WATER QUALITY ...Disposal Wastes; Effluents - Waste Water; Model Studies; Washington; Water Quality Control -general; ...2.1127

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

IMPROVING SURFACE WATER CONDITIONS THROUGH CONTROL AND DISPOSAL OF AQUATIC VEGETATION

...Economic Efficiency; Eutrophication; Pest Control Measures; Plant Pollutants; Water Quality Control -general; Wisconsin; ...2.1138

TECHNICAL, ECONOMIC & LEGAL ASPECTS IN THE EXCHANGE OF SEWAGE EFFLUENT FOR IRRIGATION WATER FOR MUNICIPAL USE (TUCSON) ...Agricultural Studies -general; Arizona; Legal Studies; Sewage; Water Purification; Water Utilization -domestic; ...2.1155

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

EFFECTS OF ECONOMIC DEVELOPMENT UPON WATER RESOURCES ...Data Acquisition; Data Reduction and Analysis; Economic Impact; Forecasting - Prediction; Industrial Wastes; Model Studies; Water Pollution Abatement; ...2.1289

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation, Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

COORDINATED MANAGEMENT AND DESIGN OF METROPOLITAN AREA WATER SUPPLY AND WASTE WATER DISPOSAL NETWORKS - A LINKED SYSTEMS ANALYSIS ...Model Studies; Optimization, Economic; Sewer Systems; Systems Analysis - Water Mgmt; Urban Research - general; Water Distribution Systems; ...2.1349

DEVELOPMENT OF CRITERIA FOR REGIONALIZATION OF WATER WASTES MANAGEMENT SYSTEMS ...Administrative Organizations; Social Aspects; Waste Disposal-see Solid Waste; Water Costs; Water Standards & Baselines; ...2.1403

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Groundwater; Mineralogical Water Properties; Sprinkler Irrigation; Water Application Methods; Water Quality Control -general; ...2.1418

MANAGEMENT OF INDUSTRIAL WASTE DISCHARGES IN COMPLEX ESTUARINE SYSTEMS ...Data Acquisition; Estuaries; Industrial Wastes; Model Studies; Salinity (water); Texas; Water Standards & Baselines; ...2.1425

A STUDY OF NATIONAL POLICY ALTERNATIVES FOR URBAN WATER MANAGEMENT ...Benefit-cost Analysis; Literature Search; Urban Environment; Waste Disposal-see Solid Waste; Water Costs; Water Resources Planning; ...2.1438

APPLICATIONS OF AGGLOMERATE SIZE MEASUREMENT TO PROBLEMS IN WATER RESOURCES MANAGEMENT ...Activated Sludge; Coagulation; Colloidal Phenomena; Flocculation; Waste Water Treatment -general; ...2.1458

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

SECONDARY PRODUCTION IN RUNNING-WATER ECOSYSTEMS ...Animal Habitat Studies; Animal Productivity; Bottom Sampling; Ecological Effects; Plant Productivity -general; ...2.1601

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific; Algal Physiology; Ecological Effects; Effluents - Waste Water; Forecasting - Prediction; Management; Nutrients; Sewage Treatment Plant; Water Pollutant Identification; ...2.1646

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology - Animal; Embryology -basic; Environmental Physiology; Fish Food Supply -other; Micropterus Salmoides; Temperature (water); Water Pollution Effects; Water Quality -general; ...2.1649

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

DEPENDENCE OF FISH ON TIDAL MARSHES ...Aquatic Ecology - Animal; Computer Models; Model Studies; Tides; ...2.1695

THE EFFECTS OF HEATED WASTE WATERS UPON MICROBIAL COMMUNITIES ...Algae -nonspecific; Ecological Effects; Energy Conversion; Protozoa; ...2.1743

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Acid Mine Drainage; Aquatic Ecology - Animal; Bullheads; Environment Resistance-animals; Environmental Physiology; Fish Food Supply -other; Pollution Effects -see Water; Water Resources Planning; ...2.1771

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Mining Industry; Sewage; Waste Water Treatment -general; ...2.1775

EVALUATION OF GROUNDWATER RESOURCES, LIVERMORE VALLEY, CALIFORNIA ...California; Flow Characteristics (water); Model Studies; Soil Tillage; Water Quality - general; ...2.1789

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

MEASUREMENT AND MANAGEMENT ASPECTS OF WATER TOXICOLOGY ...Analysis and Detection; Biological Effects; Chemical Analysis (water); Food Contamination; Plant Food Chains; Thermal Pollution; Training Grants, Fellowships; ...2.1793

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Economic Efficiency; Legal Review; Model Studies; Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

WATER RESOURCES MANAGEMENT IN DELAWARE ...Benefit-cost Analysis; Delaware; Government -see Federal Gov.; Legal Review; Water Quality -general; Water Resources Planning; Water Supply -general; ...2.1808

ENVIRONMENTAL QUALITY ...Benefit-cost Analysis; Computer Models; Water Quality -general; Water Resources Planning; ...2.1810

LAKE MICHIGAN WATER QUALITY MODEL ...Chemical Water Properties; Mineralogical Water Properties; Rain; Water Quality - general; ...2.1825

WATER QUALITY MODEL DERIVED FROM SYSTEM ANALYSES ...Model Studies; Optimization, Economic; River Basins; Systems Analysis - Water Mgmt; Water Quality -general; ...2.1826

ECONOMIC ANALYSIS OF OPTIMAL WATER QUALITY MANAGEMENT ...Economic Theory; Indiana; Management; Model Studies; Optimization, Economic; Systems Analysis - Water Mgmt; Water Quality Control -general; ...2.1830

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Administration and Management; Biological Water Properties; Chesapeake Bay; Information Systems; Social Aspects; Soil Tillage; Systems Analysis - Water Mgmt; ...2.1840

A METHODOLOGY FOR PLANNING OPTIMAL REGIONAL WASTE MANAGEMENT SYSTEMS ...Optimization, Economic; Systems Analysis - Water Mgmt; Waste Treatment Economics; Water Resources Planning; ...2.1841

METHODOLOGY FOR INTEGRATING WATER QUALITY MANAGEMENT WITH THE MANAGEMENT OF THE TOTAL WATER RESOURCES IN MINNESOTA ...Data Acquisition; Groundwater; Minnesota; Water Quality Control -general; Water Supply Development; ...2.1858

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Floods; Inventories; Minnesota; Recreation, Water Resources; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1859

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTH MISSISSIPPI ...Benefit-cost Analysis; Economic Impact; Erosion; Land Use; Mississippi; Sediments; Water Resources Planning; Watersheds; ...2.1861

COORDINATING THE EFFORTS OF PARTICIPATING AGENCIES IN A STUDY OF ENVIRONMENTAL EFFECTS OF WARM-WATER DISCHARGES INTO THE MISSOURI RIVER ...Biological Effects; Environment; Missouri River; Thermal Pollution; ...2.1865

EFFECT OF WATER MANAGEMENT ON QUALITY OF GROUND WATER AND SURFACE RECHARGE IN LAS VEGAS VALLEY ...Groundwater; Nevada; Recharge (water); Water Pollutants - Path of; Water Resources Planning; ...2.1866

STOCHASTIC MODELS FOR WATER RESOURCES MANAGEMENT ...Economic Theory; River Basins; Stochastic Models; Water Allocation; Water Resources Planning; Water Supply Augmentation; ...2.1879

STUDY OF INSTITUTIONAL ARRANGEMENTS FOR MANAGEMENT OF REGIONAL SEWERAGE PLANS FOR THE TOCKS ISLAND REGION OF THE DELAWARE ...Delaware River; Interstate; River Basins; Sewer Systems; State Government; Water Resources Planning; ...2.1884

INSTITUTIONAL SEA GRANT SUPPORT ...Acipenseridae; Dredging; Estuaries; Legal Review; Marine Animals; North Carolina; Serranidae; Water Resources Development; ...2.1886

ECONOMIC EVALUATION OF WATER POLLUTION CONTROL ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Model Studies; Recreation; Water Resources; Water Quality Control -general; Welfare Economics; ...2.1899

APPRAISAL OF WATER MANAGEMENT INSTITUTIONS - SURVEY OF OREGON WATER LAW ...Administrative Organizations; Legal Review; Northwest U. S.; Survey Studies (water); Water Standards & Baselines; ...2.1901

STATE WATER QUALITY MANAGEMENT INFORMATION SYSTEM ...Data Reduction and Analysis; General Information Services; Information Science; Pennsylvania; Water Quality - general; Water Quality Control -general; ...2.1902

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Effluents - Waste Water; Industrial Wastes; Potomac River; Systems Analysis - Water Mgmt; Water Costs; Water Quality Control -general; ...2.1905

USE OF ADVANCED WATER RESOURCES PLANNING TECHNIQUES IN THE DEVELOPMENT OF REGIONAL WATER MANAGEMENT PROGRAMS ...Industrial Wastes; Model Studies; River Basins; System Analysis - Water Mgmt; Water Quality -general; Water Resources Planning; ...2.1912

THE ENVIRONMENT AND TECHNOLOGICAL ASSESSMENT ...Atomic Plants; Environmental Effects - Human; Filtration; Lake Tahoe; Rate of Mutation; ...2.1917

A STOCHASTIC MODEL FOR POLLUTION IN ESTUARIES ...Estuaries; Mathematical Models; Stochastic Processes; Water Quality Control -general; ...2.1925

ANALYSIS OF WATER RESOURCES ADMINISTRATIVE AGENCIES ...Administration and Management; Recreation; Water Resources; Types of Resources; Water Quality -general; Water Resources Planning; ...2.1926

LEGAL ASPECTS OF WATER RIGHTS AND WATER QUALITY IN EASTERN STATES ...Appropriation; Eastern U. S.; Legal Review; Riparian Rights; Water Allocation; Water Quality - general; Wisconsin; ...2.1931

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT - A CASE STUDY OF THE WISCONSIN RIVER BASIN ...Administrative Organizations; Legal Studies; Regional Or State Studies; River Basins; Water Quality -general; Water Resources Planning; Wisconsin; ...2.1932

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Administrative Organizations; Economic Efficiency; Regional Or State Studies; River Basins; Water Quality Control - general; Water Resources Development; Wisconsin; ...2.1933

ANALYSIS OF POLICY ISSUES POSED BY WATER AND RELATED LAND RESOURCES PROGRAMS IN THE METROPOLITAN REGION ...Benefit-cost Analysis; Economic Impact; Land Use; Riparian Rights; Water Quality -general; ...2.1934

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Performance; Recreation; Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization -general; ...2.1936

NATIONAL CONFERENCE ON SOLID WASTES DISPOSAL SITES ...Disposal; Federal Government -see Gov.; Government - see Federal Gov.; Sanitary Landfills; Urban Environment; Waste Disposal-see Solid Waste; ...3.0120

CLOSED SYSTEM WASTE MANAGEMENT FOR LIVESTOCK ...Animal Wastes - Feed Lots; Farm Animal Wastes; Livestock - nonspecific; ...3.0182

STORAGE AND DISPOSAL OF WASTES RESULTING FROM THE CONCENTRATION OF LOW GRADE IRON ORE ...Disposal Wastes; Iron; Michigan; Pond; Tertiary Treatment; Water Reuse; ...3.0189

FEASIBILITY OF REGIONAL UTILITIES FOR MANAGEMENT OF INDUSTRIAL AND MUNICIPAL WASTES ...Finance -see Economics Entries; Industrial Wastes; Public Utilities; Urban Research -general; Waste Treatment; Water Standards & Baselines; ...3.0190

CHARACTERISTICS OF WASTE FROM SOUTHWESTERN CATTLE FEEDLOTS ...Agricultural Runoff; Animal Wastes - Feed Lots; Applied Climatology; Bos; Farm Animal Wastes; Slope; Southwest U. S.; ...3.0321

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

CENTER FOR ENVIRONMENTAL MANAGEMENT ...Administration and Management; Building Design; Contamination -see Air & Water; Environmental Effects - Human; Environmental Hazards; Pesticide Toxicity -general; Planning; ...4.0980

PLOWSHARE SPECIAL STUDIES ...Arizona; Copper; Geology - general; Seismology; Soil Tillage; Underground Storage; ...5.0021

Manufacturing Buildings

STUDY OF OUTSIDE NOISE GENERATED BY INDUSTRIAL PLANTS ...Building Acoustics -see Noise; Noise; Noise -see Noise; Sound Attenuation Acoustics; ...6.0059

BARRIERS FOR NOISE ATTENUATION ...Building Acoustics -see Noise; Structural Mechanics; ...6.0062

Mapping

VENTURA CALIFORNIA COOP ...Aquifers; Fresh Water; Groundwater Basins; Marine Geology; Ocean Profiles; Salinity; Seismology; Tectonic History - Mountains; ...2.0038

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ...Aircraft Remote Sensing; Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Infrared Radiation; Survey Studies (water); Temperature (water); Thermal Pollution; ...2.0524

REMOTE SENSING, EVERGLADES AREA, FLORIDA ...Aircraft Remote Sensing; Eutrophication; Florida; Plankton; Population Dynamics -general; Spectral Reflectance; Visible Light; ...2.0550

SAND AND GRAVEL AQUIFERS OF NORTHEASTERN ILLINOIS ...Aquifers; Artificial Recharge; Illinois; Size; Surficial Geology Studies; Water Resources Development; ...2.0579

REMOTE SENSING ...Bays; Lake Michigan; Maps -general; Remote Sensing; River Plume; Sediments; Thermal Pollution; ...2.0631

INVESTIGATION OF THE THERMAL PATTERNS IN THE VICINITY OF THE CRYSTAL RIVER ...Aerial Photography -see Photo.; Atomic Plants; Energy Conversion; Forecasting - Prediction; Infrared Radiation; Thermal Pollution; ...2.0685

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Oklahoma; Remote Sensing; Soil Moisture; Soil Thermal Properties; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

ELECTRICAL LOGGING IN AQUATIC ENVIRONMENTS ...Computer Models; Marine Geology; Marine Pollution; Ocean Coring and Dredging; Ocean Mining; ...2.0818

REMOTE SENSING - TEKTITE, VIRGIN ISLANDS ...Man in the Sea Programs; Marine Environments; Marine Pollution; Puerto Rico; Spacecraft Sensory Devices; Virgin Islands; ...2.0819

WATER REOURCES OF SOUTHEASTERN WISCONSIN - RACINE AND KENOSHA COUNTIES ...Chemical Water Properties; Groundwater; Hydrographs; Recharge (water); Water Quality -general; Water Table; Water Wells; ...2.0856

RECLAMATION OF POLLUTED FRESHWATER AQUIFERS BY PURGING ...Aquifers; Computer Models; Simulation Theory; Water Pollutant Identification; ...2.1083

POTOMAC RIVER BASIN PROJECT ...Alluvium - Alluvial; Drilling and Coring; Groundwater; River Basins; Water Table; ...2.1117

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Currents (water); Engineering Structures-general; Shoreline Geomorphology; Structural Mechanics; Surveying; Utah; Waves -see Ocean Waves; ...2.1738

Maps

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

ENGINEERING GEOLOGY IN COUNTY PLANNING ...Engineering Geology; Environmental Geology; Geologic Maps; Rocks - Bedrock; Urban Research -general; Waste Disposal-see Solid Waste; ...3.0205

Charts

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Coastlines - Shorelines; Economic Geology -general; Infrared Radiation; Legal Studies-general; Navigation; Tides; Tidewater Areas; Water Quality - general; ...2.0795

Geologic Maps

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology; Floods; Land Use; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Environment; Urban Research -general; ...2.0066

URBAN GEOLOGY OF HILLSBORO, TEXAS ...Environmental Geology; Floods; Texas; Urban Environment; Urban Research - general; Waste Disposal, Underground; Water Quality -general; ...2.0389

INVESTIGATION OF LAKE WATER QUALITY IN EASTERN SOUTH DAKOTA WITH REMOTE SENSING TECHNIQUES ...Aircraft Remote Sensing; Lakes; Soil Tillage; Water Depth; Water Levels; Water Quality -general; ...2.0798

PALO ALTO, SAN MATEO, AND MONTARA MOUNTAIN 7.5-MIN QUADRANGLES AND VICINITY, CALIFORNIA ...Borehole Geophysics; Data Acquisition; Environmental Geology; Rock Mechanics - Geology; Surficial Geology Studies; ...2.1797

GREATER ANCHORAGE AREA BOROUGH, ALASKA ...Aerial Photography -see Photo.; Alaska; Environmental Hazards; Reconnaissance Studies; Rocks - Bedrock; Surficial Geology Studies; ...2.1801

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Glaciology; Illinois; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1823

NORTHERN ANTHRACITE FIELD ...Anthracite; Economic Mineral Appraisals; Pennsylvanian Period; Structural Analysis - Geology; ...3.0024

ENGINEERING GEOLOGY IN COUNTY PLANNING ...Engineering Geology; Environmental Geology; Maps; Rocks - Bedrock; Urban Research -general; Waste Disposal-see Solid Waste; ...3.0205

CENTRAL NEVADA GEOLOGIC INVESTIGATIONS ...Drilling and Coring; Geology -general; Local Stratigraphy; Maps -general; Nevada; Seismology; Structural Analysis - Geology; ...5.0020

AMCHITKA GEOLOGIC INVESTIGATIONS ...Alaska; Marine Geology; Seismology; Structural Analysis - Geology; Tectonics; ...5.0204

GAMMA-RAY SPECTROMETRY ...Aircraft Remote Sensing; Gamma Radiation; Gamma Spectroscopy; Geological Exploration; ...5.0801

Maps -general

GEOCHEMICAL EXPLORATION STUDIES OF VOLATILE ELEMENTS ...Arizona; Colorado; Nevada; Utah; ...1.0029

REMOTE SENSING ...Bays; Lake Michigan; Mapping; Remote Sensing; River Plume; Sediments; Thermal Pollution; ...2.0631

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange, Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Sun; Wind -see Air Motion; ...3.0049

CENTRAL NEVADA GEOLOGIC INVESTIGATIONS ...Drilling and Coring; Geologic Maps; Geology -general; Local Stratigraphy; Nevada; Seismology; Structural Analysis - Geology; ...5.0020

Reconnaissance Studies

ENGINEERING GEOLOGY RECONNAISSANCE STUDIES OF COASTAL COMMUNITIES, ALASKA ...Alaska; Environmental Hazards; Harbors; Marine Geology; Mass Wasting, Geological; Seismology; Tectonics; Waves -see Ocean Waves; ...2.0065

GREATER ANCHORAGE AREA BOROUGH, ALASKA ...Aerial Photography -see Photo.; Alaska; Environmental Hazards; Geologic Maps; Rocks - Bedrock; Surficial Geology Studies; ...2.1801

GEOCHEMISTRY OF MERCURY ...Genetic Relationships; Geochemical Investigations; Idaho; Mercury, Mineral Associations; Nevada; ...3.0023

Structure Contour Maps

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Currents (water); Engineering Structures-general; Mapping; Shoreline Geomorphology; Structural Mechanics; Surveying; Utah; Waves -see Ocean Waves; ...2.1738

Surficial Geology Studies

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology; Floods; Geologic Maps; Land Use; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Environment; Urban Research -general; ...2.0066

SAND AND GRAVEL AQUIFERS OF NORTHEASTERN ILLINOIS ...Aquifers; Artificial Recharge; Illinois; Size; Water Resources Development; ...2.0579

ENVIRONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT ...Aquifers; Erosion; Landfills - see Water Pollution; Recharge (water); Septic Tanks; Vermont; Water Table; ...2.1437

PALO ALTO, SAN MATEO, AND MONTARA MOUNTAIN 7.5-MIN. QUADRANGLES AND VICINITY, CALIFORNIA ...Borehole Geophysics; Data Acquisition; Environmental Geology; Rock Mechanics - Geology; ...2.1797

GREATER ANCHORAGE AREA BOROUGH, ALASKA ...Aerial Photography -see Photo.; Alaska; Environmental Hazards; Geologic Maps; Reconnaissance Studies; Rocks - Bedrock; ...2.1801

Topographic Maps

ARCTIC ENGINEERING GEOLOGY (NASA) ...Alaska; Freight Service; Infrared Radiation; Oil and Natural Gas - Sulfur; Petroleum Research; Surveying; Transportation Management; ...2.0497

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Coastlines - Shorelines; Economic Geology -general; Infrared Radiation; Legal Studies-general; Navigation; Tides; Tidewater Areas; Water Quality - general; ...2.0795

Marinas

POLLUTION OF A MARINA AREA BY WATERCRAFT USE AS INDICATED BY COLIFORM AND CHEMICAL CONCENTRATIONS ...Bacterial Pollutant Sources; Bottom Sampling; Coliforms -nonspecific; Ship Wastes; Water Pollutant Identification; ...2.0635

TREATMENT OF WATERCRAFT WASTES FROM SMALL VESSELS TO SHORE TREATMENT FACILITIES ...Boat Discharges; Pumping Stations, Sewage; Sewage Treatment Plant; Tanks, Waste Management -see Specific; ...2.1223

Marine Animals

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources; Estuaries; Fish; Marine Environments; Organics; Radioactivity; Trace Elements; Zinc; ...2.0028

RADIONUCLIDE METABOLISM IN AQUATIC ANIMALS ...Animal Habitat Studies; Clams; Crayfish; Invertebrate Physiology; Radiation Effects - Biological; Radioisotopes -nonspecific; Temperature (water); ...2.0036

LEAD POLLUTANTS IN NEAR SHORE MARINE ENVIRONMENTS ...Biological Effects; Fish; Lead; Marine Biology - General; Outlets; Sanitary Sewage Quantity; ...2.0049

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Activation Analysis; Cesium; Fish; Radioactive Fallout; Radioactivity; Sea Water Sampling; Zinc; ...2.0051

VIRAL CONTAMINATION ...Estuaries; Ostreidae (oyster); Pollution Effects -see Water; Viral Pollutant Sources; ...2.0104

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Atlantic Ocean; Contamination - Water; Italy; Marine Environments; Plankton; Radioactivity; Radioecology - Plants; Trace Elements; ...2.0154

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Ocean Circulation -general; Radioactive Fallout; Radioactivity; ...2.0187

BIODEGRADATION OF OIL SLICKS IN THE MARINE ENVIRONMENT ...Actinomycetes -nonspecific; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Marine Bacteria; Oil; Petroleum Wastes - Spillage; ...2.0248

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects - see Water; Water Pollution Sources; Zinc; ...2.0280

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Estuaries; Fish; Iron; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Contamination - Water; Data Acquisition; Fish; Marine Pollution; Oregon; Pollution Effects -see Water; Salinity (water); Temperature (water); ...2.0335

ENVIRONMENTAL BIOLOGY OF TOMALES BAY ...Animal Habitat Studies; Bays; Chemical Water Properties; Environment Resistance-animals; Mans Pollutional Activities; Marine Environments; Water Standards & Baselines; ...2.0489

INSHORE FISHERIES HABITAT EVALUATION AND MONITORING ...Animal Habitat Studies; Ecological Effects; Fishing; Mans Pollutional Activities; Marine Plants; Scuba; Types of Resources; ...2.0491

DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN AND BEHAVIOR OF TRACE ELEMENTS IN THE OCEAN AND ORGANISMS (ABBREV) ...Animal Migration; Radioactive Fallout-cf Fallout; Scombridae; Silver; ...2.0504

ENZYME SYSTEMS OF ESTUARINE ORGANISMS ...Bioassay; Contamination - Water; Fish; Invertebrate Physiology; Organophosphorous Cpds.; Pesticides -see Pesticide; Wildlife Toxicity; ...2.0546

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Nematoda; Plant Ecology -nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophora...ese; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils; Benthic Organisms -nonspecific; Marine Environments; Marine Geology; Offshore Oil; Pesticides -nonspecific; Petroleum -see Oil; Zooplankton; ...2.0560

SHELLFISH TECHNICAL ASSISTANCE ...Captive Rearing; Commercial Fishing; Contamination - Water; Crustacea; Legislation; Mollusca; ...2.0618

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Atlantic Ocean; Fish; Marine Biology - General; Marine Pollution; Pesticides -see Pesticide; Sea Water Sampling; Water Standards & Baselines; ...2.0620

POPULATION STUDIES OF MARINE AMPHIPOD CRUSTACEANS ...Amphipoda; Aquatic Ecology - Animal; Estuaries; Vertical Distribution; ...2.0669

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

STUDY OF GROWING AREA STANDARD BY EXAMINING ENTEROPATHOGENS AND INDICATOR LEVELS ...Bacterial Population Surveys; Digestive System - Human; Food Contamination; Mollusca; Salmonella -nonspecific & -ot.; Sewage Bacteria; Water Pollutant Identification; ...2.0785

USE OF MARINE PLANKTONIC ORGANISMS FOR EVALUATING THE QUALITY OF MARINE AND ESTUARINE WATERS ...Animal Life History Studies; Bioassays; Estuaries; Phytoplankton; Water Pollutant Identification; Water Quality -general; ...2.0790

REARING AND SENSITIVITY STUDIES OF VARIOUS LIFE STAGES OF MARINE MACROINVERTEBRATES ...Animal Pharmacology; Crabs; Invertebrate Physiology; Prawns; Water Pollutant Identification; ...2.0791

DEVELOPMENT OF AN IN SITU MARINE BIOASSAY WITH CLAMS ...Bioassays; Captive Rearing; Contamination - Water; Invertebrate Physiology; Monitoring; ...2.0839

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants; Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish; Marine Environments; Marine Photography- Television; Ocean Circulation -general; Ocean Currents; Pacific Ocean; Radioactivity; Vertical Distribution; ...2.0972

PHARMACOLOGY ...Air Pollution -see Specifics; Animal Pharmacology; Biochemical Analysis - Tissues; Evolution; Marine Plants; Organic Water Properties; ...2.1091

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

DEMONSTRATION OF THE LIMITATIONS AND EFFECTS OF WASTE DISPOSAL ON AN OCEAN SHELF ...Benthic Fauna; Ecological Effects; Marine Environments; Marine Pollution; Sewage; ...2.1226

POSSIBLE EFFECTS OF CRUDE OIL ON AQUATIC ORGANISMS ...Alaska; Environmental Physiology; Petroleum Wastes - Spillage; Pollution Effects -see Water; ...2.1477

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ...Aquaria; Industrial Wastes; Mining Industry; Physiological Effects; Salinity (water); Temperature; Turbidity; Water Pollution Effects; ...2.1487

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -

general; Population Dynamics -general; Sewage, Urban Environment; ...2.1495

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bullheads; Ecological Effects; Environmental Physiology; Osteichthyes -other; Population Dynamics -general; Temperature Stress; ...2.1498

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Amphibious Plants, Biological Effects; Cirripedia; Contamination - Water; Marine Environments; Petroleum -see Oil; Plant Habitat Studies; ...2.1502

COHERENT AREA RESEARCH PROGRAM IN ECOLOGY ...Animal Behavioral Ecology; Animal Succession; Eutrophication; Invertebrate Physiology; Poeciliid; ...2.1518

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

THE BIOLOGY OF TROPICAL BOTTOM INVERTEBRATES ...Cirripedia; Echinodermata; Environmental Ecology; Marine Pollution; Tropical Regions; ...2.1531

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Induced Temperature; Marine Plants; Population Dynamics -general; Thermal Pollution; ...2.1532

THE EFFECTS OF THERMAL LOADING ON THE HAWAIIAN MARINE BIOTA ...Animal Life History Studies; Ecological Effects; Environmental Physiology; Pollution Effects -see Water; Temperature; Thermal Pollution; ...2.1539

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Atomic Plants; Embryology -basic; Estuaries; Invertebrate Physiology; Population Dynamics -general; Temperature (water); ...2.1567

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Animal Productivity; Benthic Fauna; Diatoms (see Also Algae); Energy Budgets; Fish; Marine Plants; New England Province; Oxygen Content (water); Sewage; ...2.1586

EFFECTS OF TEMPERATURE ON THE BEHAVIOR OF ADULT ATLANTIC MACKEREL ...Behavior -vertebrate; Biological Rhythms; Environmental Physiology; Photoperiod; Pomatomidae; Scombridae; Temperature (water); ...2.1637

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bays; Ecological Effects; Energy Conversion; Invertebrate Physiology; Long Island Sound; Mollusca; Population Dynamics - general; Temperature (water); Zooplankton; ...2.1638

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fish; Industrial Wastes; Mineralogical Water Properties; Physiological Effects; Zooplankton; ...2.1640

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific, Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER ...Aquaria; Captive Rearing; Energy Conversion; Fish Farming; New York; Temperature (water); Water Utilization -animal; ...2.1653

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

LITERATURE RESEARCH ON WATER QUALITY REQUIREMENTS AND TOXICOLOGY OF FISHES ...Contamination - Water; Fish; Russia; Water Quality -general; ...2.1679

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Copepods; Environmental Ecology; Fish; Mollusca; Population Dynamics -general; Salinity (water); Thermal Properties; ...2.1693

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Clams; Environment Resistance-animals; Hippolyte; Marine Pollution; Temperature (water); ...2.1694

HEALTH EFFECTS OF TOXIC CHEMICALS WITHIN THE WATER ENVIRONMENT ...Animal Toxins; Clams; Eastern U. S.; Lead; Marine Environments; Pollution Effects -see Water; ...2.1697

EFFECTS OF CRUDE OILS AND THEIR EMULSIONS ON MARINE ORGANISMS ...Animal Pharmacology; Contamination - Water; Fish; Oil; Ships and Cruises; ...2.1699

COMPARATIVE TOXICITIES OF METALS TO ESTUARINE FISHES ...Aluminum; Bioassays; Cyprinodontidae; Environmental Physiology; Industrial Wastes; Toxic Substances; ...2.1701

HISTOPATHOLOGIC EFFECTS OF POLLUTANTS ON CELLS AND TISSUES OF MARINE FISHES ...Contamination - Water; Cyprinodontidae; Lead; Mineralogical Water Properties; Physiological Effects; ...2.1704

HISTOPATHOLOGIC EFFECTS OF POLLUTANTS ON CELLS AND TISSUES OF MARINE INVERTEBRATES ...Clams; Crabs; Hippolyte; Lobsters; Ostreidae (oyster); Physiological Effects; Zinc; ...2.1705

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

BIOLOGY OF ANADROMOUS ALOSIDS ... Aging; Contamination - Water; Embryology -basic; Fish & Shellfish Biology; Spawn Or Nesting Sites; Virginia; ...2.1748

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ...Animal Productivity; Clams; Contamination - Water; Electric Power Plants; Environment Resistance-animals; Fish and Shellfish; Heat Recovery; Industrial; Ostreidae (oyster); Temperature (water); ...2.1762

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Estuaries; Forecasting - Prediction; Pulp and Paper Wastes; Temperature (water); Water Properties -general; ...2.1763

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Contamination - Water; Marine Biology - General; Marine Environments; Marine Geology; Marine Pollution; Oil; Pacific Ocean; Sea Water Mass & Ocean Fronts; Ships and Cruises; ...2.1794

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries; General Recreation Studies; Long Island Sound; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Resources Planning; ...2.1880

INSTITUTIONAL SEA GRANT SUPPORT ...Acipenseridae; Dredging; Estuaries; Legal Review; North Carolina; Serranidae; Water Resources Development; ...2.1886

DEVELOPMENT OF DIET RATIONS FOR CULTIVATION OF SHRIMP AND CRAWFISH ...Crayfish; Hippolyte; Plant Waste Removal, Treatment; Product Development Research; Shellfish Farming; ...3.0153

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticide in

Food Chains; Pesticides -nonspecific; Preventative Measures; ...issue Accumulation Rates; Water Pollution Effects; ...4.0059

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Animal Resistance; Bioassay; Estuaries; Hippolyte; Pesticides -nonspecific; San Francisco Bay; ...4.0543

CHLORINATED HYDROCARBONS - PATTERNS AND EFFECTS UPON THE REPRODUCTIVE CAPACITY OF ANTARCTIC PELAGIC SEA BIRDS ...Antarctica; Birds; France; Polar Regions; Polychlorinated Biphenyl Cpds.; Procellariiformes; ...4.0551

STUDIES ON THE ECOLOGICAL PHYSIOLOGY OF MID-WATER CRUSTACEANS ...Carbon; Crustacea; Invertebrate Physiology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Vertical Distribution; ...4.0570

EXPERIMENTAL ENVIRONMENTS ...Animal Habitat Studies; Estuaries; Pesticide Toxicity in Animals; Protozoa; ...4.0590

PHYSIOLOGY OF ESTUARINE ORGANISMS ...Carbon; Estuaries; Hippolyte; Invertebrate Physiology; Pesticides -see Pesticide; ...4.0591

EFFECTS OF PESTICIDES ON MARINE ANIMALS ...Developmental Physiology; Echinodermata; Hippolyte; Invertebrate Physiology; Marine Pollution; Pesticide Toxicity in Animals; ...4.0593

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects - see Water; ...4.0594

LABORATORY BIOASSAYS ...Bioassay; Fish; Hippolyte; Marine Pollution; Ostreidae (oyster); Pesticides -nonspecific; ...4.0595

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ...Captive Rearing; DDT; Estuaries; Heptachlor; Massachusetts; Pesticides -see Pesticide; Pleuronectidae; Spawning -see Fish & Shellfish; ...4.0654

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Estuaries; Pesticide Action on Animals; Pesticide Toxicity in Animals; Physical Models; Pollution Effects -see Water; Sevin; ...4.0825

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

Marine Biology - General

LEAD POLLUTANTS IN NEAR SHORE MARINE ENVIRONMENTS ...Biological Effects; Fish; Lead; Outlets; Sanitary Sewage Quantity; ...2.0049

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water, Western U. S.; ...2.0052

STUDY OF KEY WEST DESALTING PLANT EFFLUENT ...Alkalinity (water); Contamination - Water; Desalination Wastes; Florida; Physical Effects; Salinity (water); ...2.0053

ECOLOGY OF A TROPICAL SHORE - PRE-ANALYSIS FOR POLLUTION STUDIES ...Ecological Effects; Marine Geology; Petroleum -see Oil; Pollution Effects -see Water; Water Pollution Abatement; ...2.0058

WORKSHOP ON EFFECTS OF ATOMIC RADIATION ON OCEANOGRAPHY ...Environmental Hazards; Marine Environments; Meetings; Radioactive Fallout, Sea Water Chemistry; ...2.0091

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Animal Productivity; Primary Productivity - Plants; Water Pollution Sources; ...2.0094

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; India; Ocean Currents; Radioactivity; Radioecology - Plants; Salinity; Vertebrates Excl. Man; Water Pollution Sources; ...2.0136

RADIOACTIVE CONTAMINATION IN MARINE ENVIRONMENT AND BIOTA IN THE BASIN OF THE MEDITERRANEAN SEA ...Contamination - Water; Israel; Mediterranean Sea; Radioactivity; ...2.0152

NAVY ENVIRONMENT - TRACE ELEMENT DISTRIBUTION IN THE OCEANS & SEA FLOOR SEDIMENTS, THE CONTROLLING BIOCHEMICAL AND PHYSICAL PROCESSES ...Forecasting - Prediction; Marine Geology; Marine Pollution; Monitoring; Sea Water Chemistry; Sea Water Properties; Trace Elements; ...2.0186

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Bacterial Morphology; Chemical Reactions; Lagoons; Marine Fouling; Marine Pollution; Plant Productivity -general; Thiorhodaceae; ...2.0188

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

CHARACTERIZATION OF ESTERASE(S) PRESENT IN FISH BLOOD ...Fish; Pesticide Action on Animals; Pesticides -nonspecific; Pesticides -see Pesticide; Physiological Effects; ...2.0219

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Ostreidae (oyster); Pollution Effects -see Water; Water Pollution Sources; Zinc; ...2.0280

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases; Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

SEDIMENT MINERALOGY ...Adsorption Capacity; Animal Productivity; Contamination - Water; Environmental Ecology; Mineralogy; Ponds; Vertical Distribution; Zinc; ...2.0284

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

RADIONUCLIDE UPTAKE BY MARINE ORGANISMS IN ARTIFICIAL POOL AND ELIMINATION OF RADIOACTIVITY ...Adsorption Capacity; Pollution Effects -see Water; Primary Productivity - Plants; Radioactivity; Radioecology - Plants; ...2.0368

ECOLOGY OF WESTERN GULF ESTUARIES ...Animal Habitat Studies; Animal Productivity; Dredging; Estuaries; Management (water); Physical Effects; ...2.0384

RADIOECOLOGY OF THE KUCUK CEKMECE LAGOON ...Aquatic Ecology - Animal; Biological Effects; Contamination - Water; Energy Conversion; Lagoons; Radioactive Isotopes; Sediments; Water Pollutants - Path of; ...2.0392

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Geology; Mercury; Pacific Ocean; Radioactivity; Sea Water Sampling; Trace Analysis; ...2.0418

REVIEW OF THE SANTA BARBARA CHANNEL OIL POLLUTION INCIDENT ...Biological Effects; Channels; Contamination - Water; Oil Removal; Petroleum Wastes - Spillage; ...2.0419

RADIOCARBON IN THE SEA ...Carbon; Ocean Mixing; Polar Oceanic Areas; Radioactivity; Ships and Cruises; Wind; ...2.0427

PHYSICO-CHEMICAL PROCESSES AND IONIC STATES OF MICROCONSTITUENTS IN SEA WATER AND THEIR RELATION TO RADIOECOLOGY OF NORTH ADRIATIC ...Chelation & Complexing; Kinetics; Marine Environments; Mediterranean Sea; Radioactivity; Sea Water Chemistry; Water Chemistry; ...2.0460

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological Water Properties; Construction Land Use Effects; Environmental Ecology; Geological Exploration; Lakes; Sea Ice; Water Standards & Baselines; ...2.0470

NAVY ENVIRONMENTS - ARCTIC SEA ICE ORGANISMS ...Acoustical Properties; Marine Fouling; Optical Properties; Polar Regions; ...2.0473

VIABILITY OF INDICATOR BACTERIA, COLIFORM, FAECAL COLI & ENTEROCOCCI IN VARIOUS TROPICAL WATERS OF THE NORTHERN TERRITORY INCLUDING SEAWATER ...Australia; Bioindicators; Intestinal Bacteria; Sewage Bacteria; Water Pollutant Identification; ...2.0484

THE SIGNIFICANCE AND CONTROL OF WASTEWATER FLOATABLES IN COASTAL WATERS ...Bacterial Pollutant Sources; Chromatography; Coliforms -nonspecific; Effluents - Waste Water; Infrared Spectroscopy; Marine Pollution; Waste Management -see Specific; ...2.0488

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Em Radiation; Monolayers; Polarimetry; Reflectance; Survey Studies (water); Water Pollutant Identification; ...2.0499

GEOSECS - ACQUISITION AND CONSTRUCTION OF SHIPBOARD ANALYTICAL EQUIPMENT AND HYDROGRAPHIC AND SAMPLING SYSTEMS ...Gas Chromatography; Organics; Radioactivity; Sea Water Properties; ...2.0502

GEOSECS - OPERATIONS STAFF ...Data Reduction and Analysis; Man Machine Systems; Ocean Circulation -general; Particle - Gas Transfer; Sampling; Sea Water Properties; Ships and Cruises; ...2.0503

WESTERN BEAUFORT SEA ECOLOGICAL CRUISE (WEBSEC 9-70) ...Alaska: Bays; Ecological Effects; Oil; Sea Water Chemistry; Ships and Cruises; Water Standards & Baselines; ...2.0537

COMPLETION OF AN ECOLOGICAL SURVEY CRUISE IN THE SOUTHEASTERN CHUKCHI SEA ...Alaska; Aquatic Plants - nonspecific; Oil and Natural Gas - Sulfur; Sea Water Properties; Water Standards & Baselines; ...2.0538

GEOSECS RADIOCARBON AND TRITIUM MEASUREMENTS ...Animal Productivity; Industrial Wastes; Ocean Circulation - general; Organics; Plant Productivity -general; Sea Water Chemistry; Sea Water Sampling; ...2.0548

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils; Benthic Organisms -nonspecific; Marine Animals; Marine Environments; Marine Geology; Offshore Oil; Pesticides -nonspecific; Petroleum -see Oil; Zooplankton; ...2.0560

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Gases; Marine Environments; Mass Spectroscopy; Ocean; Organic Water Properties; Particle - Gas Transfer; Radioactivity; Waste Management -see Specific; ...2.0564

SEDIMENTOLOGY OF LOUISIANA'S ESTUARIES ...Aquatic Soils; Chemical Properties; Drilling and Coring; Louisiana; Nitrogen and Nitrogen Cpds.; Sedimentation; Size; ...2.0601

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Atlantic Ocean; Fish; Marine Pollution; Pesticides -see Pesticide; Sea Water Sampling; Water Standards & Baselines; ...2.0620

GEOSECS - PREPARATIONS R/V KNORR, CONSTRUCTION GEOSECS BUILDING, PROVISION SHIPBOARD EQUIPMENT, AND THE GEOSECS SUMMER INSTITUTES ...Animal Productivity; Marine Pollution; Ocean Mixing; Plant Productivity -general; Research Facilities; Sea Water Properties; Ships and Cruises; ...2.0621

MICROBIAL TRANSFORMATIONS IN SEA WATER ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Competition Among Thallophytes; Marine Bacteria; Marine Plants; Marine Pollution; Organics; ...2.0622

FEASIBILITY OF A MOBILE SUBMERSIBLE FOR USE IN CONTROL, MANAGEMENT, STUDY OF NATURAL PROCESSES, PROTECTION & CONSERVATION OF INLAND WATERS ...Lakes; Marine Geology; Thermal Pollution; Water Conservation -general; Water Quality -general; ...2.0688

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Gas Chromatography; Industrial Wastes; Ocean Circulation -general; Organics; Radioactivity; Sea Water Properties; Water Standards & Baselines; ...2.0699

ADVANCED STUDY OF COASTAL ZONE OCEANOGRAPHIC REQUIREMENTS FOR EARTH RESOURCES TECHNOLOGY SATELLITE ...Coastal Engineering -general; Land Use, Modification Effects; Marine Pollution; Spacecraft Sensory Devices; Water Pollution Sources; ...2.0713

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Carbon; Industrial Wastes; Ocean Circulation -general; Organics; Primary Productivity - Plants; Sea Water Chemistry; Sea Water Properties; ...2.0742

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Bacterial Pollutant Sources; Benthic Flora; Chemical Water Properties; Marine Bacteria; Marine Environments; Marine Plants; Plant Population Dynamics -gen; Water Analysis; ...2.0767

DEVELOPMENT OF SAMPLE PREPARATION METHODS FOR ANALYSIS OF MARINE ORGANISMS ...Bioindicators: Chemical Analysis (water); Water Pollutant Identification; Water Pollutants - Path of; Water Pollution Effects; Water Quality Control - general; ...2.0824

GEOSECS - C14 FACILITY AND ANALYSIS OF OCEAN WATER SAMPLES ...Animal Productivity; Carbon; Plant Productivity -general; Radioactivity; ...2.0849

DIRECT METHODS FOR THE ENUMERATION OF SALMONELLA IN WATER ...Bacterial Pollutant Sources; Recreation, Water Resources; Swimming; Water Pollution -see Specifics; ...2.0940

SAN FRANCISCO BAY ...Bathymetry; California; Marine Pollution; San Francisco Bay; Sea Water Properties; Sedimentary History; Water Quality -general; ...2.0970

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish; Marine Animals; Marine Environments; Marine Photography-Television; Ocean Circulation -general; Ocean Currents; Pacific Ocean; Radioactivity; Vertical Distribution; ...2.0972

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity; Cellular Catabolism-see Degrad; Estuaries; Microorganisms -nonspecific; Plankton; Plant Productivity -general; Ponds; Primary Productivity - Plants; Water Pollution Sources; ...2.1069

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS ...Aquatic Soils; Coastlines - Shorelines; Degradation -see Pesticide Deg; North Carolina; Petroleum -see Oil; Swamps - Marshes; Water Chemistry; ...2.1072

DEMONSTRATION OF THE LIMITATIONS AND EFFECTS OF WASTE DISPOSAL ON AN OCEAN SHELF ...Benthic Fauna; Ecological Effects; Marine Animals; Marine Environments; Marine Pollution; Sewage; ...2.1226

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Benthic Organisms -nonspecific; Disposal; Harbors; Industrial Wastes; Marine Pollution; Ocean Dumping; Sea Water Properties; Solid Waste; ...2.1353

RADIOECOLOGICAL STUDY OF THE HUMBOLDT BAY MARINE ENVIRONMENT - DEVELOPMENT OF A MODEL ...Algal Physiology; Invertebrate Physiology; Marine Geology; Plankton; Radioactivity; Turbidity; ...2.1491

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

EFFECTS OF NUTRIENTS AND POLLUTANTS ON THE GROWTH OF MARINE PHYTOPLANKTON ...Algal Physiology; Marine Pollution; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pacific Ocean; Temperature (water); ...2.1499

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Amphibious Plants; Biological Effects; Cirripedia; Contamination - Water; Marine Animals; Marine Environments; Petroleum -see Oil; Plant Habitat Studies; ...2.1502

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

THE EFFECTS OF THERMAL LOADING ON THE HAWAIIAN MARINE BIOTA ...Animal Life History Studies; Ecological Effects; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Temperature; Thermal Pollution; ...2.1539

SAND RECOVERY ...Dredging; Ecological Effects; Hawaii; Pollution Effects -see Water; Recreation, Water Resources; Sand; ...2.1541

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

INTERACTION BETWEEN MARINE ORGANISMS AND OIL POLLUTION ...Animal Migration; Contamination - Water; Environmental Geology; Petroleum -see Oil; ...2.1584

NAVY ENVIRONMENT - ENVIRONMENTAL EFFECTS OF DEEP WATER ORDNANCE DISPOSAL ...Atlantic Ocean; Consultants, Advisory Services; Environment; Marine Pollution; Military Aspects; Ocean Dumping; ...2.1585

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Animal Productivity; Aquatic Soils; Environmental Changes; Fish; Lakes; Nutrient Studies -animal; Population Dynamics -general; Water Analysis; ...2.1587

WATER AND SEDIMENT, SUPPLY AND ACCUMULATION IN THE ESTUARY, ST. LOUIS BAY, MISSISSIPPI ...Bays; Estuaries; Mississippi; Recreation, Water Resources; River Basins; Sediment Yield; Sediments; ...2.1608

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries; Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Chemical Analysis -general; Dispersion (water); Effluents - Waste Water; Industrial Wastes; Marine Photography- Television; Oregon; Pulp and Paper Wastes; Sea Water Sampling; Surveying; ...2.1678

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Clams; Environment Resistance-animals; Hippolyte; Marine Animals; Marine Pollution; Temperature (water); ...2.1694

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

WATER RESOURCES SCIENTIFIC INFORMATION CENTER, WATER QUALITY REQUIREMENTS AND EFFECT OF WATER POLLUTION ON FRESHWATER MARINE ORGANISMS ...Biological Effects; Document & Literature Info; Information Science; Water Quality -general; ...2.1766

PHYSIOLOGY AND ECOLOGY OF MARINE DIATOMS ...Biological Effects; Diatoms (see Also Algae); Marine Plants; Phytoplankton; Salinity; Taxonomy -plant; ...2.1767

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Contamination - Water; Marine Animals; Marine Environments; Marine Geology; Marine Pollution; Oil; Pacific Ocean; Sea Water Mass & Ocean Fronts; Ships and Cruises; ...2.1794

MULTIPURPOSE REGIONAL MARINE SCIENCE CENTER (SEA LAB) ...Agricultural Economics; Economics & Technology; Management; Marketing; Oceanography -general; Water Pollution Effects; ...2.1889

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Benefit-cost Analysis; Demand and Use -recreation; Estuaries; Land Use; Oceanography -general; Rhode Island; Survey Studies (water); Water Quality Control -general; ...2.1911

NAVY ENVIRONMENT - BIODEGRADATION OF OIL IN SEAWATER ...Biodegradation-see Degradation; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Oil; Oil Removal; Petroleum -see Oil; ...3.0019

NAVY ENVIRONMENT - BIODEGRADATION OF OIL SLICKS IN MARINE ENVIRONMENT ...Cellular Catabolism-see Degrad; Offshore Oil; Oil; Petroleum -see Oil; Ship Wastes; Waste Water Degradation; ...3.0031

NAVY ENVIRONMENT ENZYMATIC REMOVAL OF OIL IN THE MARINE ENVIRONMENT ...Cellular Catabolism-see Degrad; Offshore Oil; Petroleum -see Oil; ...3.0034

PESTICIDE KINETICS ...Bottom Sampling; Degradation; Environment Accumulation Rates; Pesticide Residues; Pesticides -see Pesticide; Tidewater Areas; Water Standards & Baselines; ...4.0024

LABORATORY BIOASSAYS ...Bioassay; Fish; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pesticides -nonspecific; ...4.0595

RATES OF PESTICIDE BUILDUP IN SALMONIDS RECENTLY INTRODUCED IN THE GREAT LAKES ...Aquatic Ecology - Animal; Insecticides -nonspecific; Lake Superior; Marine Pollution; Pollution Effects -see Water; ...4.0661

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

CHEMICAL ANALYSES ...Chemical Analysis (water); Contamination - Water; Estuaries; Invertebrate Physiology; Metabolism of Algacides; Pesticide in Food Chains; Pollution Effects -see Water; ...4.1015

THE STUDY OF THE LIFE HISTORY OF RADIONUCLIDES RELEASED INTO A MARINE AND TERRESTRIAL ECOSYSTEM AT THE SITE OF A SMALL BOILING-WATER REACTOR ...Atomic Plants; Hydrogen; Model Studies; Reactor Sites & Rad Waste; Water Cycle; ...5.0010

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Burial; Cooperative Studies; Ecological Effects; Estuaries; Marine Environments; Radioactive Fallout; Water Pollution Sources; ...5.0059

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Deltas; Electrical Properties; Marine Environments; Radioactive Isotopes; Temperature; Trace Elements; Xray Diffraction; ...5.0068

STUDIES OF THE NATURAL ALPHA-EMITTING RADIOISOTOPES IN MARINE ORGANISMS ...Alpha Particles; Radiation Effects - Biological; Radioisotopes -nonspecific; ...5.0087

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Contamination - Water; Developmental Biology -general; Japan; Radioactivity; Radioisotopes -nonspecific; Water Pollution Sources; ...5.0331

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

Marine Environments

EFFECTS OF PARTICULATES ON RADIOMETRIC MEASUREMENT OF SEA SURFACE TEMPERATURE & ON INFRARED COOLING RATES IN TROPOSPHERE (ABBREV) ...Bomex; Data Reduction and Analysis; Heat Balance - Budget; Particulates - Air Pollution; Temperature; Weather Data; ...1.0332

ECONOMICS OF ENVIRONMENTAL EFFECTS ON SEASONAL HOMES ...Access; Cost-benefit Analysis; Environmental Effects - Human; Landscaping; Methods - Recreation; Recreation, Water Resources; Water Pollution -see Specifics; ...1.0441

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA ...Argentina; Environmental Geology; Radioactivity; ...2.0014

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources; Estuaries; Fish; Marine Animals; Organics; Radioactivity; Trace Elements; Zinc; ...2.0028

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

LEAD POLLUTANTS IN NEAR SHORE MARINE ENVIRONMENTS ...Biological Effects; Fish; Lead; Marine Biology - General; Outlets; Sanitary Sewage Quantity; ...2.0049

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - SUBPROJECT I - DETAILED EXPLORATION OF CS-137 AND CS-133 IN THE OCEAN ...Atmospheric Dynamics; Ocean Circulation -general; Pacific Ocean; Radioactivity; Sea Water Mass & Ocean Fronts; Trace Elements; ...2.0050

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mass Pollutional Activities; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

ENGINEERING GEOLOGY RECONNAISSANCE STUDIES OF COASTAL COMMUNITIES, ALASKA ...Alaska; Environmental Hazards; Harbors; Marine Geology; Mass Wasting, Geological; Seismology; Tectonics; Waves -see Ocean Waves; ...2.0065

WORKSHOP ON EFFECTS OF ATOMIC RADIATION ON OCEANOGRAPHY ...Environmental Hazards; Meetings; Radioactive Fallout; Sea Water Chemistry; ...2.0091

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Environmental Geology; Italy; Radioactivity; ...2.0153

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Atlantic Ocean; Contamination - Water; Italy; Plankton; Radioactivity; Radioecology - Plants; Trace Elements; ...2.0154

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Estuaries; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Urban Research -general; ...2.0180

BENTHAL DEPOSITS: EFFECTS ON THE QUALITY OF NATURAL WATERS ...Eutrophication; Nutrients; Organic Matter; ...2.0182

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Bacterial Morphology; Chemical Reactions; Lagoons; Marine Biology - General; Marine Fouling; Marine Pollution; Plant Productivity -general; Thiorhodaceae; ...2.0188

STRONTIUM-90 FALLOUT OVER THE OCEAN ...Atlantic Ocean; Ocean Circulation -general; Ocean Mixing; Precipitation Gages; Radioactivity; Rain; Sea Water Sampling; ...2.0270

EXTENT OF LAKE ONTARIO POLLUTION CAUSED BY THE OSWEGO RIVER ...Aquatic Ecology - Animal; Ecological Effects; Lakes; Pollution Effects -see Water; Range Or Territorial Distr.; Waste Dilution- Self Purifying; ...2.0272

BENTHAL SULFIDE RELEASE IN AQUATIC SYSTEMS ...Aquatic Soils; Chemical Analysis -general; Detectors and Sensors; Oregon; Tidewater Areas; ...2.0317

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals, Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply -general; ...2.0322

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Fertilizers, Gulf of Mexico; Lead; Marine Geology; Nuclear Radiation; Radiochemical Analysis; Runoff (water); Streams; ...2.0380

ECOLOGY OF WESTERN GULF ESTUARIES ...Animal Habitat Studies; Animal Productivity; Dredging; Estuaries; Management (water); Marine Biology - General; Physical Effects; ...2.0384

RESEARCH TO ELIMINATE AND PREVENT OIL POLLUTION OF THE SEA ...British Isles; Oil; Oil Removal; ...2.0394

LEAD IN AQUATIC ENVIRONMENTS ...Air Pollution; Estuaries; Industrial Wastes; Lead; Ocean Mixing; Puget Sound; Seasonal Studies; Water Cycle; Water Standards & Baselines; ...2.0425

RADIOCARBON IN THE SEA ...Carbon; Marine Biology - General; Ocean Mixing; Polar Oceanic Areas; Radioactivity; Ships and Cruises; Wind; ...2.0427

PHYSICO-CHEMICAL PROCESSES AND IONIC STATES OF MICROCONSTITUENTS IN SEA WATER AND THEIR RELATION TO RADIOECOLOGY OF NORTH ADRIATIC ...Chelation & Complexing; Kinetics; Mediterranean Sea; Radioactivity; Sea Water Chemistry; Water Chemistry; ...2.0460

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Alabama; Bacterial Ecology; Bays; Coliforms -nonspecific; Marine Pollution; Sewage; Size; Water Pollutant Identification; ...2.0464

ENVIRONMENTAL BIOLOGY OF TOMALES BAY ...Animal Habitat Studies; Bays; Chemical Water Properties; Environment Resistance-animals; Mans Pollutional Activities; Water Standards & Baselines; ...2.0489

DEVELOPMENT OF NUCLEAR ANALYTICAL TECHNIQUES FOR OIL SLICK IDENTIFICATION ...Activation Analysis; Atmospheric and Environmental; Law Enforcement; Marine and Hydrology; Oil; Petroleum Wastes - Spillage; ...2.0501

MEASUREMENTS OF BOMB-PRODUCED RADIOCARBON IN THE SURFACE AND SUB-SURFACE WATER OF THE PACIFIC OCEAN ...Indian Ocean -general; Ocean Mixing; Pacific Ocean; Particle - Gas Transfer; Radioactivity; Sea Water Sampling; Seismology; ...2.0505

OCEAN CIRCULATION ...Air Pollution; Atlantic Ocean; Mathematical Models; Model Studies; Ocean Currents; Ocean Turbulence; Temperature; ...2.0508

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Gulf of Mexico; Marine Pollution; Ocean Currents; Ocean Hydrodynamics; Sea Water Chemistry; Ships and Cruises; Temperature; Water Movement -general; ...2.0509

STANDARD MONITORING SECTIONS A-6 AND A-7 CRUISE AND AIOIST 1970 NERVE GAS DUMP SITE SURVEY ...Atlantic Ocean; Depth; Environmental Hazards; Marine Pollution; Ocean Currents; Salinity; Temperature; ...2.0636

SPACECRAFT OCEANOGRAPHY PROJECT ...Data Acquisition; Electronic Detection, Tracking; Management; Marine Pollution; Microwave Radiation; Sea Ice; Space Science and Technology; Spacecraft Sensory Devices; Visible Light; ...2.0541

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils; Benthic Organisms -nonspecific; Marine Animals; Marine Geology; Offshore Oil; Pesticides -nonspecific; Petroleum -see Oil; Zooplankton; ...2.0560

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12018/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Gases; Marine Biology - General; Mass Spectroscopy; Ocean; Organic Water Properties; Particle - Gas Transfer; Radioactivity; Waste Management -see Specific; ...2.0564

POLLUTION OF COASTAL WATERS ...Coastlines - Shorelines; Economic Geology -general; Management; Social Aspects; Water Quality Control -general; ...2.0565

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Air - Sea Boundary Studies; Atomic Absorption; Bays; Degradation -see Pesticide Deg; Hawaii; Marine Pollution; Organic Matter; Water Pollutant Identification; ...2.0567

REMOTE SENSING OF WATER QUALITY IN THE MARINE ENVIRONMENT ...Aerial Photography -see Photo.; Electronic Detection, Tracking; Infra Red Photography; Marine Pollution; Thermal Properties; ...2.0615

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Atlantic Ocean; Fish; Marine Biology - General; Marine Pollution; Pesticides -see Pesticide; Sea Water Sampling; Water Standards & Baselines; ...2.0620

RESEARCH ON THE MACROBENTHOS OF THE GREAT LAKES ...Annelida; Benthic Fauna; Fish Food Organisms; Lake Erie; Lakes; Population Dynamics -general; Water Pollutant Identification; ...2.0624

ENVIRONMENTAL REQUIREMENTS OF SELECTED ESTUARINE CILIATED PROTOZOA ...Estuaries; New Hampshire; Swamps - Marshes; Water Pollutant Identification; ...2.0668

A STUDY OF THE FACTORS DETERMINING THE OXYGEN UPTAKE OF BENTHAL STREAM DEPOSITS ...Acidity (water); Analysis and Detection; Exchange Capacity; Nitrogen and Nitrogen Cpds.; Nutrients; Size; Water Properties -general; ...2.0675

ADVANCED STUDY OF COASTAL ZONE OCEANOGRAPHIC REQUIREMENTS FOR EARTH RESOURCES TECHNOLOGY SATELLITE ...Coastal Engineering -general; Land Use, Modification Effects; Marine Biology - General; Marine Pollution; Spacecraft Sensory Devices; Water Pollution Sources; ...2.0713

CLADOPHORA AS RELATED TO POLLUTION IN WESTERN LAKE ERIE ...Algae - Chlorophyta; Algal Pollutant Sources; Contamination - Water; Lower Plants; Mulches; Product Development Research; ...2.0726

AIR PHOTO ANALYSIS OF OCEAN OUTFALL DISPERSION ...Aerial Photography -see Photo.; Currents (water); Industrial Wastes; Lake; Sewage; Surveying; ...2.0741

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN ...Marine Geology; Marine Pollution; Monitoring; Pacific Ocean; ...2.0743

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Bacterial Pollutant Sources; Benthic

Flora; Chemical Water Properties; Marine Bacteria; Marine Plants; Plant Population Dynamics -gen; Water Analysis; ...2.0767

BAY WATCH ...Air Pollution Monitoring; Bays; Forecasting - Prediction; Marine Pollution; Physical Models; Water Quality Control -general; ...2.0772

THE DEVELOPMENT OF DATA FOR BATHING BEACH CRITERIA ...Bacterial Pollutant Sources; Demand and Use - recreation; Recreation, Water Resources; Water Bacteria; Water Pollution -see Specifics; ...2.0781

RADIONUCLIDES IN SAVANNAH RIVER ESTUARY AND COASTAL WATERS ...Atlantic Ocean; Circulation (water); Estuaries; Marine Geology; Radioactivity; South Carolina; Water Pollution Sources; ...2.0792

REMOTE SENSING - TEKTITE, VIRGIN ISLANDS ...Man in the Sea Programs; Marine Pollution; Puerto Rico; Spacecraft Sensory Devices; Virgin Islands; ...2.0819

CORRELATED STUDIES OF VANCOUVER LAKE--WATER QUALITY PREDICTION STUDY ...Columbia River; Dredging; Lakes; Model Studies; Organic Matter; Sediments; Water Quality Control -general; ...2.0840

FEASIBILITY ANALYSIS OF INCINERATOR SYSTEMS FOR RESTORATION OF OIL CONTAMINATED BEACHES ...Burners; Oil; Oil Removal; Petroleum Wastes - Spillage; ...2.0966

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish; Marine Animals; Marine Photography- Television; Ocean Circulation -general; Ocean Currents; Pacific Ocean; Radioactivity; Vertical Distribution; ...2.0972

RESTORATION DYNAMICS FOR ESTUARIES ...Estuaries; Maine; Rehabilitation -streams -lakes; Tidewater Areas; ...2.1030

NAVY ENVIRONMENT--TURBULENT DIFFUSION AND EXCHANGE PROCESSES IN ESTUARINE, COASTAL AND OCEAN WATERS ...Estuaries; Forecasting - Prediction; Ocean Turbulence; Radioactivity; Radiotracers -see Tracers; ...2.1034

MIXING, DIFFUSION AND CIRCULATION RATES IN OCEAN WATERS ...Atlantic Ocean; Chemical Reactions; Gases; Ocean Turbulence; Radioactivity; Sea Water Mass & Ocean Fronts; ...2.1067

STREAM REAERATION ...Aeration (water); Flow Characteristics (water); Nutrients; Organic Matter; Physiological Effects, Southwest U. S.; ...2.1080

UTILIZATION OF PHYSICAL AND MATHEMATICAL MODELS IN ESTUARINE WATER RESOURCES RESEARCH AND MANAGEMENT ...Analog Computer Applications; Dispersion (water); Estuaries; Management (water); Mathematical Models; Tides; ...2.1122

FRESH-SALT WATER IN ESTUARIES SEDIMENTATION PROCESSES ...Estuaries; Physical Models; Rate of Deposition, Suspension; Tides; Turbidity (water); Virginia; ...2.1123

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN ...Cbp; Fish; Marine Pollution; Pacific Ocean; Polychlorinated Biphenyl Cpds.; Water Standards & Baselines; ...2.1191

DEMONSTRATION OF THE LIMITATIONS AND EFFECTS OF WASTE DISPOSAL ON AN OCEAN SHELF ...Benthic Fauna; Ecological Effects; Marine Animals; Marine Pollution; Sewage; ...2.1226

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Benthic Organisms -nonspecific; Disposal; Harbors; Industrial Wastes; Marine Biology - General; Marine Pollution; Ocean Dumping; Sea Water Properties; Solid Waste; ...2.1353

ENVIRONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT ...Aquifers; Erosion; Landfills - see Water Pollution; Recharge (water); Septic Tanks; Surficial Geology Studies; Vermont; Water Table; ...2.1437

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Amphibious Plants; Biological Effects; Cirripedia; Contamination - Water; Marine Animals; Petroleum -see Oil; Plant Habitat Studies; ...2.1502

BENTHIC COMMUNITIES ...Animal Habitat Studies, Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

THE BIOLOGY OF THE INFAUNA OF A TROPICAL SOFT BOTTOM AREA ...Annelida; Bays; Echinodermata; Estuaries; Tropical Regions; ...2.1530

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Atomic Plants; Embryology -basic; Estuaries; Invertebrate Physiology; Marine Animals; Population Dynamics -general; Temperature (water); ...2.1567

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries; Marine Animals; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

ENVIRONMENTAL EFFECTS OF COASTAL ZONE POWER GENERATION ...Animal Habitat Studies; Consultants, Advisory Services; Energy Conversion; Environmental Ecology; Federal Government; North Carolina; Power Development; ...2.1664

PHYSICAL FACTORS AFFECTING OREGON COASTAL POLLUTION ...Circulation (water); Density; Oregon; Tides; ...2.1683

CHARACTERISTICS OF ORGANIC SUBSTANCES IN TIDAL MARSHES AND BENTHIC ENVIRONMENTS ...Ecological Effects; Estuaries; Organic Matter; Organic Properties; Swamps - Marshes; Tidewater Areas; ...2.1696

HEALTH EFFECTS OF TOXIC CHEMICALS WITHIN THE WATER ENVIRONMENT ...Animal Toxins; Clams; Eastern U. S.; Lead; Pollution Effects -see Water; ...2.1697

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination, Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Contamination - Water; Marine Animals; Marine Biology - General; Marine Geology; Marine Pollution; Oil; Pacific Ocean; Sea Water Mass & Ocean Fronts; Ships and Cruises; ...2.1794

MATHEMATICAL AND COMPUTER SERVICES FOR THE ANALYSIS OF DATA AND DESIGN OF EXPERIMENTS FOR CERTAIN FWQA PROGRAMS ...Coastlines - Shorelines; Electric Power Plants; Facilities; Pulp and Paper Wastes; ...2.1897

NAVY ENVIRONMENT - FATE OF OIL AFTER A MAJOR OIL SPILL ...Ship Wastes; Size; Water Pollutants - Path of; ...3.0016

OCEAN DISPOSAL OF INDUSTRIAL WASTES ...Acidity (water); Chemical Effects; Disposal Wastes: Industrial Wastes; Mathematical Models; Model Studies; ...3.0101

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Burial; Cooperative Studies; Ecological Effects; Estuaries; Marine Biology - General; Radioactive Fallout; Water Pollution Sources; ...5.0039

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Deltas; Electrical Properties; Marine Biology - General; Radioactive Isotopes; Temperature; Trace Elements; Xray Diffraction; ...5.0068

MEASUREMENTS OF NATURAL RADIOCARBON AND TRITIUM ...Carbon - 14 Dating; Dendrochronology; Precipitation; Radioactivity, Natural; Sea Water Mass & Ocean Fronts; ...5.0790

Marine Fouling

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Bacterial Morphology; Chemical Reactions; Lagoons; Marine Biology - General; Marine Pollution; Plant Productivity -general; Thiorhodaceae; ...2.0188

NAVY ENVIRONMENTS - ARCTIC SEA ICE ORGANISMS ...Acoustical Properties; Marine Biology - General; Optical Properties; Polar Regions; ...2.0473

NAVY ENVIRONMENT CONTROL OF ENVIRONMENTAL FACTORS AFFECTING NAVAL PERSONNEL AND MATERIALS ...Corrosion, Deterioration; Marine Materials; Marine Plants; ...2.1489

MICROBIOLOGICAL INVESTIGATIONS ...Algal Pollutant Sources; Construction Materials; Corrosion, Deterioration; Fungal Pollutant Sources; Microorganisms -nonspecific; Taxonomy -plant; Water Pollution Sources; ...2.1511

Marine Geology

INFRARED STUDIES IN ICELAND ...Aircraft Remote Sensing; Faults - Geology; Iceland; Infrared Radiation; Seismology; Tectonics; ...1.0039

VENTURA CALIFORNIA COOP ...Aquifers; Fresh Water; Groundwater Basins; Mapping; Ocean Profiles; Salinity; Seismology; Tectonic History - Mountains; ...2.0038

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

ECOLOGY OF A TROPICAL SHORE - PRE-ANALYSIS FOR POLLUTION STUDIES ...Ecological Effects; Petroleum -see Oil; Pollution Effects -see Water; Water Pollution Abatement; ...2.0058

ENGINEERING GEOLOGY RECONNAISSANCE STUDIES OF COASTAL COMMUNITIES, ALASKA ...Alaska; Environmental Hazards; Harbors; Mass Wasting, Geological; Seismology; Tectonics; Waves -see Ocean Waves; ...2.0065

WORKSHOP ON EFFECTS OF ATOMIC RADIATION ON OCEANOGRAPHY ...Environmental Hazards; Marine Environments; Meetings; Radioactive Fallout; Sea Water Chemistry; ...2.0091

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; India; Marine Biology - General; Ocean Currents; Radioactivity; Radioecology - Plants; Salinity; Vertebrates Excl. Man; Water Pollution Sources; ...2.0136

NAVY ENVIRONMENT - TRACE ELEMENT DISTRIBUTION IN THE OCEANS & SEA FLOOR SEDIMENTS, THE CONTROLLING BIOCHEMICAL AND PHYSICAL PROCESSES ...Forecasting - Prediction; Marine Biology - General; Marine Pollution; Monitoring; Sea Water Chemistry; Sea Water Properties; Trace Elements; ...2.0186

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Ocean Circulation -general; Radioactive Fallout; Radioactivity; ...2.0187

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Biological Effects; Cooperative Studies, Estuaries; Invertebrates -nonspecific; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Size; Texture; ...2.0210

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

DELAWARE ESTUARY SEDIMENTATION STUDY ...Adsorption Capacity; Estuaries; Location; Rate of Deposition; Sand Bars; Sediment Yield; Shoreline Geomorphology; Streams; Supply Rate; ...2.0342

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Fertilizers; Gulf of Mexico; Lead; Nuclear Radiation; Radiochemical Analysis; Runoff (water); Streams; ...2.0380

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Mercury; Pacific Ocean; Radioactivity; Sea Water Sampling; Trace Analysis; ...2.0418

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Beta Particles; Canals; Dredging; Gamma Spectroscopy; Harbors; Ocean Meteorological Studies; Radioactivity; Seismology; ...2.0424

PHYSICO-CHEMICAL PROCESSES AND IONIC STATES OF MICROCONSTITUENTS IN SEA WATER AND THEIR RELATION TO RADIOECOLOGY OF NORTH ADRIATIC ...Chelation & Complexing; Kinetics; Marine Environments; Mediterranean Sea; Radioactivity; Sea Water Chemistry; Water Chemistry; ...2.0460

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological Water Properties; Construction Land Use Effects; Environmental Ecology; Geological Exploration; Lakes; Marine Biology - General; Sea Ice; Water Standards & Baselines; ...2.0470

WESTERN BEAUFORT SEA ECOLOGICAL CRUISE (WEBSEC 9-70) ...Alaska; Bays; Ecological Effects; Marine Biology - General; Oil; Sea Water Chemistry; Ships and Cruises; Water Standards & Baselines; ...2.0537

COMPLETION OF AN ECOLOGICAL SURVEY CRUISE IN THE SOUTHEASTERN CHUKCHI SEA ...Alaska; Aquatic Plants - nonspecific; Marine Biology - General; Oil and Natural Gas - Sulfur; Sea Water Properties; Water Standards & Baselines; ...2.0538

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils; Benthic Organisms -nonspecific; Marine Animals; Marine Environments; Offshore Oil; Pesticides -nonspecific; Petroleum -see Oil; Zooplankton; ...2.0560

FEASIBILITY OF A MOBILE SUBMERSIBLE FOR USE IN CONTROL, MANAGEMENT, STUDY OF NATURAL PROCESSES, PROTECTION & CONSERVATION OF INLAND WATERS ...Lakes; Marine Biology - General; Thermal Pollution; Water Conservation -general; Water Quality -general; ...2.0688

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN ...Marine Environments; Marine Pollution; Monitoring; Pacific Ocean; ...2.0743

RADIONUCLIDES IN SAVANNAH RIVER ESTUARY AND COASTAL WATERS ...Atlantic Ocean; Circulation (water); Estuaries; Radioactivity; South Carolina; Water Pollution Sources; ...2.0792

ELECTRICAL LOGGING IN AQUATIC ENVIRONMENTS ...Computer Models; Mapping; Marine Pollution; Ocean Coring and Dredging; Ocean Mining; ...2.0818

GEOCHEMICAL OCEAN SECTION STUDY ...Activation Analysis; Chemical Composition; Gamma Spectroscopy; Radioactive Isotopes; Radioactivity; Sea Water Chemistry; Trace Analysis; ...2.0844

SAN FRANCISCO BAY ...Bathymetry; California; Marine Biology - General; Marine Pollution; San Francisco Bay; Sea Water Properties; Sedimentary History; Water Quality -general; ...2.0970

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish, Marine Animals; Marine Environments; Marine Photography-Television; Ocean Circulation -general; Ocean Currents; Pacific Ocean; Radioactivity; Vertical Distribution; ...2.0972

RADIOECOLOGICAL STUDY OF THE HUMBOLDT BAY MARINE ENVIRONMENT - DEVELOPMENT OF A MODEL ...Algal Physiology; Invertebrate Physiology; Marine Biology - General; Plankton; Radioactivity, Turbidity; ...2.1491

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Currents (water); Engineering Structures-general; Mapping; Shoreline Geomorphology; Structural Mechanics; Surveying, Utah; Waves -see Ocean Waves; ...2.1738

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Contamination - Water; Marine Animals; Marine Biology - General; Marine Environments; Marine Pollution; Oil; Pacific Ocean; Sea Water Mass & Ocean Fronts; Ships and Cruises; ...2.1794

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology; Geological Exploration, Lead; Massachusetts; Rocks - Bedrock; Streams; Surveying; Waste Disposal-see Solid Waste; ...3.0162

AMCHITKA GEOLOGIC INVESTIGATIONS ...Alaska; Geologic Maps; Seismology; Structural Analysis - Geology; Tectonics; ...5.0204

Marine Photography- Television

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption ; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish; Marine Animals; Marine Environments; Ocean Circulation - general; Ocean Currents; Pacific Ocean; Radioactivity; Vertical Distribution; ...2.0972

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Chemical Analysis -general; Dispersion (water); Effluents - Waste Water; Industrial Wastes; Oregon; Pulp and Paper Wastes; Sea Water Sampling; Surveying; ...2.1678

Marine Plants

ORGANIC DEBRIS ON CONNECTICUT BEACHES AND SHORES ...Bacterial Identification; Cellular Catabolism-see Degrad; Connecticut; Organic Matter; Physical Water Properties; Salinity (water); ...2.0084

PRIMARY PRODUCTION AND DECOMPOSITION IN ESTUARINE WATER ...Algae - Phaeophyta; Algal Physiology; Carbon; Cellular Catabolism-see Degrad; Estuaries; Organic Properties; ...2.0102

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

EUTROPHICATION STUDIES IN BOSTON HARBOR ...Algae - Chlorophyta; Eutrophication; Harbors; Massachusetts; Water Pollutant Identification; ...2.0179

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Bacterial Morphology; Chemical Reactions; Lagoons; Marine Biology - General; Marine Fouling; Marine Pollution; Plant Productivity -general; Thiorhodaceae; ...2.0188

EUTROPHICATION TIDAL WATERS ...Algal Physiology; Brackish Water; Estuaries; New York; Optical Properties of Water; Tidewater Areas; ...2.0262

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Algal Physiology; Estuaries; Eutrophication; North Carolina; Phosphorus and Phosphorus Cpds; Phytoplankton; Water Pollutant Identification; ...2.0291

COMPARISON OF MULTIPLE TUBE & MEMBRANE FILTER TECHNIQUES FOR COUNTS OF COLIFORM, FAECAL COLI & ENTEROCOCCI IN TROPICAL WATERS ...Australia; Coliforms -nonspecific; Filtration; Intestinal Bacteria; Sewage Bacteria; Tropical Regions; ...2.0483

INSHORE FISHERIES HABITAT EVALUATION AND MONITORING ...Animal Habitat Studies; Ecological Effects; Fishing; Mans Pollutional Activities; Scuba; Types of Resources; ...2.0491

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Brazil; Florida; Plant Distribution; Plant Population Dynamics - gen; Protozoa; Taxonomy -plant; Water Quality -general; ...2.0542

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nemstoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU ...Aquatic Distribution; Bacterial Ecology; Bays; Hawaii; Intestinal Bacteria; Nitrogen and Nitrogen Cpds.; Sewage; Water Pollutant Identification; ...2.0563

THE IMPACT OF MICROORGANISMS ON OIL ...Bacterial Ecology; Biological Effects; Degradation -see Pesticide Deg; Food Contamination; Louisiana; Ostreidae (oyster); Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0603

REMOTE SENSING OF WATER QUALITY IN THE MARINE ENVIRONMENT ...Aerial Photography -see Photo.; Electronic Detection, Tracking; Infra Red Photography; Marine Environments; Marine Pollution; Thermal Properties; ...2.0615

MICROBIAL TRANSFORMATIONS IN SEA WATER ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Competition Among Thallophytes; Marine Bacteria; Marine Biology - General; Marine Pollution; Organics; ...2.0622

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

THE RELATION OF ESTUARINE ALGAE TO WATER QUALITY ...Algae -nonspecific; Aquatic Distribution; Estuaries; North Carolina; Plankton Sampling; Range Or Territorial Distr.; ...2.0709

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy - plant; Water Pollutant Identification; ...2.0747

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Bacterial Pollutant Sources; Benthic Flora; Chemical Water Properties; Marine Bacteria; Marine Environments; Plant Population Dynamics -gen; Water Analysis; ...2.0767

SENSITIVITY OF BENTHIC MICROFLORA TO POLLUTION GRADIENTS ...Atomic Plants; Carbon; Energy Conversion; Rhode Island; Water Pollutant Identification; Water Standards & Baselines; ...2.0773

COLLECTION AND ESTABLISHMENT IN CULTURE OF SPECIES AND STRAINS OF MARINE PHYTOPLANKTON ORGANISMS ...Bioindicators; Contamination - Water; Culture Collections -microorg.; Marine Pollution; Phytoplankton; ...2.0775

STUDY OF NITROGEN METABOLISM IN MARINE ALGAE ...Algae -nonspecific; Algal Physiology; Bioassays; Physiological Effects; Water Pollutant Identification; ...2.0789

DETECTION AND SIGNIFICANCE OF KLEBSIELLA IN WATER ...Aerobacter Aerogenes; Algal Physiology; Bacterial Identification; Bacterial Population Surveys; ...2.0837

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

AEROBIC, HETEROTROPIC BACTERIA IN ESTUARIES ...Adenosine Triphosphate; Anaerobic Bacteria; Bacterial Identification; Degradation -see Pesticide Deg; Heterotrophic Bacteria; Organic Matter; ...2.0995

DEGRADATION OF SEWAGE AND SOIL MICROORGANISMS ...Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Escherichia Coli; Sewage; Soil Bacteria; ...2.1041

DEGRADATION OF PETROLEUM AND RELATED COMPOUNDS IN THE BIOSPHERE ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Ionic Effect; Oil; Petroleum -see Oil; Petroleum Research; ...2.1071

CONCENTRATION OF PHOSPHATES FROM INDUSTRIAL WASTES BY BLUE-GREEN ALGAE ...Algae - Cyanophyta; Algal Physiology; Estuaries; Waste Water Treatment -general; ...2.1073

PHARMACOLOGY ...Air Pollution -see Specifics; Animal Pharmacology; Biochemical Analysis - Tissues; Evolution; Marine Animals; Organic Water Properties; ...2.1091

EDDY DIFFUSION AND BACTERIAL REDUCTION IN WASTE FIELDS ...Bacteria; Coliforms -nonspecific; Light; Optical Properties of Water; Waste Treatment - Radiation; ...2.1181

DEMONSTRATION OF THE LIMITATIONS AND EFFECTS OF WASTE DISPOSAL ON AN OCEAN SHELF ...Benthic Fauna; Ecological Effects; Marine Animals; Marine Environments; Marine Pollution; Sewage; ...2.1226

ECOLOGY AND NITROGEN CYCLE IN A MARINE PLANT COMMUNITY ...Alaska; Bering Sea; Lagoons; Nitrogen Cycle - see Denitrif.; Physiological Effects; Plant Physiological Ecology; Primary Productivity - Plants; ...2.1476

NAVY ENVIRONMENT CONTROL OF ENVIRONMENTAL FACTORS AFFECTING NAVAL PERSONNEL AND MATERIALS ...Corrosion, Deterioration; Marine Fouling; Marine Materials; ...2.1489

NAVY ENVIRONMENT - AVOIDANCE AND CONTROL OF THE EFFECTS ON MEN & MARINE LIFE OF TOXIC RED TIDES INITIATED BY LOCAL POLLUTION OF THE SEA ...Algae -nonspecific; Algal Physiology; Algal Toxins; Contamination - Water; Environmental Influences; Water Pollution -see Specifics; Water Pollution Sources; ...2.1493

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

EFFECTS OF NUTRIENTS AND POLLUTANTS ON THE GROWTH OF MARINE PHYTOPLANKTON ...Algal Physiology; Marine Biology - General; Marine Pollution; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pacific Ocean; Temperature (water); ...2.1499

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants, Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Induced Temperature; Population Dynamics -general; Thermal Pollution; ...2.1532

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Animal Productivity; Benthic Fauna; Diatoms (see Also Algae); Energy Budgets; Fish; New England Province; Oxygen Content (water); Sewage; ...2.1586

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

A COMPARATIVE STUDY OF THE RESPONSES OF THE AQUATIC WEEDS, ZANNICHELLIA PALUSTRIS & RUPPIA MARITIMA, TO DIFFERENT TEMPERATURES AND SALINITIES ...Amphibious Plants; Forecasting - Prediction; Potamogetonaceae; Temperature (water); Water Pollution Effects; ...2.1659

MARINE FISHERIES - ESTUARINE ALGAL COMMUNITIES ...Animal Interrelationships -gen; Commercial Fishing; Estuaries; Plant Productivity -general; Salinity (water); Training Grants, Fellowships; Water Standards & Baselines; ...2.1682

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

EFFECT OF NITRILOTRIACETIC ACID (NTA) UPON THE TOXICITY OF METALS TO SELECTED SPECIES OF ESTUARINE PHYTOPLANKTON ...Carbon; Chelation & Complexing; Estuaries; Industrial Wastes; Metabolism of Algacides; Physiological Effects; Phytoplankton; ...2.1702

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; Tracers; ...2.1731

EFFECTS OF POLLUTANTS ON SUBMARINE PLANT SYNECOLOGY ...Aquatic Plants -nonspecific; Contamination - Water; Industrial Wastes; Mineralogical Water Properties; Plant Succession; ...2.1749

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships -gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

PHYSIOLOGY AND ECOLOGY OF MARINE DIATOMS ...Biological Effects; Diatoms (see Also Algae); Phytoplankton; Salinity; Taxonomy -plant; ...2.1767

BIODEGRADATION OF OIL IN SEAWATER FOR NAVAL POLLUTION CONTROL ...Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Microorganisms -nonspecific; Oil; Petroleum -see Oil; Petroleum Wastes - Spillage; ...3.0020

NAVY ENVIRONMENT - BIODEGRADATION OF OIL POLLUTANTS BY YEAST AND YEAST LIKE FUNGI ...Ascomycetes - nonspecific; Cellular Catabolism-see Degrad; Offshore Oil; Yeasts -nonspecific; ...3.0025

Marine Pollution

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Combustion Air Pollution-gen; Gases; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics; ...1.0061

ENVIRONMENTAL EFFECTS OF EXPLOSIVE TESTING ...Contamination - Water; Pollution Effects -see Water; Seismology; ...1.0355

EXPLOSIVES RESEARCH AND SAFETY--SURVEY OF POLLUTANTS ...Seismology; Ship Wastes; ...2.0029

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

FLUXES OF HEAT, MOMENTUM AND TRACERS IN WIND AND WATER TUNNELS ...Air Pollution -see Specifics; Atmospheric Dynamics; Radioactive Fallout; Wind; ...2.0078

NAVY ENVIRONMENT - TRACE ELEMENT DISTRIBUTION IN THE OCEANS & SEA FLOOR SEDIMENTS, THE CONTROLLING BIOCHEMICAL AND PHYSICAL PROCESSES ...Forecasting - Prediction; Marine Biology - General; Marine Geology; Monitoring; Sea Water Chemistry; Sea Water Properties; Trace Elements; ...2.0186

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Bacterial Morphology; Chemical Reactions; Lagoons; Marine Biology - General; Marine Fouling; Plant Productivity -general; Thiorhodaceae; ...2.0188

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Contamination - Water; Data Acquisition; Fish; Oregon; Pollution Effects -see Water; Salinity (water); Temperature (water); ...2.0335

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Copepods; Eutrophication; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Puget Sound; Tides; Wind; ...2.0423

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Alabama; Bacterial Ecology; Bays; Coliforms -nonspecific; Sewage; Size; Water Pollutant Identification; ...2.0464

NAVY ENVIRONMENTS - ARCTIC SEA ICE ORGANISMS ...Acoustical Properties; Marine Biology - General; Marine Fouling; Optical Properties; Polar Regions; ...2.0473

THE SIGNIFICANCE AND CONTROL OF WASTEWATER FLOATABLES IN COASTAL WATERS ...Bacterial Pollutant Sources; Chromatography; Coliforms -nonspecific; Effluents - Waste Water; Infrared Spectroscopy; Waste Management -see Specific; ...2.0488

OCEAN CIRCULATION ...Air Pollution; Atlantic Ocean; Marine Environments; Mathematical Models; Model Studies; Ocean Currents; Ocean Turbulence; Temperature; ...2.0508

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Gulf of Mexico; Marine Environments; Ocean Currents; Ocean Hydrodynamics; Sea Water Chemistry; Ships and Cruises; Temperature; Water Movement -general; ...2.0509

POLLUTION CONTROL IN THE MARITIME ENVIRONMENT ...Harbors; New York; Water Pollution Sources; ...2.0533

GEOCHRONOLOGY, C-14 METHOD ...Carbon - 14 Dating; Groundwater; Paleoclimatology; Sea Level Changes; Tectonics; ...2.0534

STANDARD MONITORING SECTIONS A-6 AND A-7 CRUISE AND AIGIST 1970 NERVE GAS DUMP SITE SURVEY ...Atlantic Ocean; Depth; Environmental Hazards; Ocean Currents; Salinity; Temperature; ...2.0536

SPACECRAFT OCEANOGRAPHY PROJECT ...Data Acquisition; Electronic Detection, Tracking; Management; Microwave Radiation; Sea Ice; Space Science and Technology; Spacecraft Sensory Devices; Visible Light; ...2.0541

GEOSECS RADIOCARBON AND TRITIUM MEASUREMENTS ...Animal Productivity; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Plant Productivity -general; Sea Water Chemistry; Sea Water Sampling; ...2.0548

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils; Benthic Organisms -nonspecific; Marine Animals; Marine Environments; Marine Geology; Offshore Oil; Pesticides -nonspecific; Petroleum -see Oil; Zooplankton; ...2.0560

POLLUTION OF COASTAL WATERS ...Coastlines - Shorelines; Economic Geology -general; Management; Marine Environments; Social Aspects; Water Quality Control -general; ...2.0565

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Air - Sea Boundary Studies; Atomic Absorption; Bays; Degradation -see Pesticide Deg. Hawaii; Organic Matter; Water Pollutant Identification; ...2.0567

REMOTE SENSING OF WATER QUALITY IN THE MARINE ENVIRONMENT ...Aerial Photography -see Photo.; Electronic Detection, Tracking; Infra Red Photography; Marine Environments; Thermal Properties; ...2.0615

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Atlantic Ocean; Fish; Marine Biology - General; Pesticides -see Pesticide; Sea Water Sampling; Water Standards & Baselines; ...2.0620

GEOSECS - PREPARATIONS R/V KNORR, CONSTRUCTION GEOSECS BUILDING, PROVISION SHIPBOARD EQUIPMENT, AND THE GEOSECS SUMMER INSTITUTES ...Animal Productivity; Marine Biology - General; Ocean Mixing; Plant Productivity -general; Research Facilities; Sea Water Properties; Ships and Cruises; ...2.0621

MICROBIAL TRANSFORMATIONS IN SEA WATER ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Competition Among Thallophytes; Marine Bacteria; Marine Biology - General; Marine Plants; Organics; ...2.0622

ADVANCED STUDY OF COASTAL ZONE OCEANOGRAPHIC REQUIREMENTS FOR EARTH RESOURCES TECHNOLOGY SATELLITE ...Coastal Engineering -general; Land Use, Modification Effects; Marine Biology - General; Spacecraft Sensory Devices; Water Pollution Sources; ...2.0713

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN ...Marine Environments; Marine Geology; Monitoring; Pacific Ocean; ...2.0743

BAY WATCH ...Air Pollution Monitoring; Bays; Forecasting - Prediction; Physical Models; Water Quality Control -general; ...2.0772

COLLECTION AND ESTABLISHMENT IN CULTURE OF SPECIES AND STRAINS OF MARINE PHYTOPLANKTON ORGANISMS ...Bioindicators; Contamination - Water; Culture Collections -microorg.; Marine Plants; Phytoplankton; ...2.0775

ANALYTICAL PHYSICAL MODEL ...Bays; Biological Water Properties; Mathematical Analysis; Mathematical Models; Physical Models; Rhode Island; Thermodynamics; ...2.0777

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Coastlines - Shorelines; Economic Geology -general; Infrared Radiation; Legal Studies-general; Navigation; Tides; Tidewater Areas; Water Quality - general; ...2.0795

ELECTRICAL LOGGING IN AQUATIC ENVIRONMENTS ...Computer Models; Mapping; Marine Geology; Ocean Coring and Dredging; Ocean Mining; ...2.0818

REMOTE SENSING - TEKTITE, VIRGIN ISLANDS ...Man in the Sea Programs; Marine Environments; Puerto Rico; Spacecraft Sensory Devices; Virgin Islands; ...2.0819

SAN FRANCISCO BAY ...Bathymetry; California; Marine Biology - General; San Francisco Bay; Sea Water Properties; Sedimentary History; Water Quality -general; ...2.0970

ENRICHMENT OF METALS IN SEAWATER BY FOAM PRODUCTION ...Bubbles; Chemical Mechanisms & Kinetics; Foam; Sea Water Chemistry; Trace Elements; Water Chemistry; X-ray Spectroscopy; ...2.1043

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN ...Chp; Fish; Pacific Ocean; Polychlorinated Biphenyl Cpds.; Water Standards & Baselines; ...2.1191

DEMONSTRATION OF THE LIMITATIONS AND EFFECTS OF WASTE DISPOSAL ON AN OCEAN SHELF ...Benthic Fauna; Ecological Effects; Marine Animals; Marine Environments; Sewage; ...2.1226

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Benthic Organisms -nonspecific; Disposal; Harbors; Industrial Wastes; Marine Biology - General; Ocean Dumping; Sea Water Properties; Solid Waste; ...2.1353

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

EFFECTS OF NUTRIENTS AND POLLUTANTS ON THE GROWTH OF MARINE PHYTOPLANKTON ...Algal Physiology; Marine Biology - General; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pacific Ocean; Temperature (water); ...2.1499

THE BIOLOGY OF TROPICAL BOTTOM INVERTEBRATES ...Curripedia; Echinodermata; Environmental Ecology; Tropical Regions; ...2.1531

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Environments; Vertical Distribution; Water Pollution Sources; ...2.1569

NAVY ENVIRONMENT - ENVIRONMENTAL EFFECTS OF DEEP WATER ORDNANCE DISPOSAL ...Atlantic Ocean; Consultants, Advisory Services; Environment; Marine Biology - General; Military Aspects; Ocean Dumping; ...2.1585

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries; Marine Animals; Marine Environments; Organic Water Properties; Space Requirements; ...2.1652

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Copepoda; Environmental Ecology; Fish; Marine Animals; Mollusca; Population Dynamics - general; Salinity (water); Thermal Properties; ...2.1693

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Clams; Environment Resistance-animals; Hippolyte; Marine Animals; Temperature (water); ...2.1694

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; Tracers; ...2.1731

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

PHYSIOLOGY AND ECOLOGY OF MARINE DIATOMS ...Biological Effects; Diatoms (see Also Algae); Marine Plants; Phytoplankton; Salinity; Taxonomy -plant; ...2.1767

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Contamination - Water; Marine Animals; Marine Biology - General; Marine Environments; Marine Geology; Oil; Pacific Ocean; Sea Water Mass & Ocean Fronts; Ships and Cruises; ...2.1794

MULTI-DISCIPLINARY RESEARCH IN POLLUTION ...Air Pollution; North Carolina; Water Quality -general; ...2.1888

KINETICS OF SEWAGE DEGRADATION IN SEA WATER ...Degradation -see Pesticide Deg; Sewage; Sewage Testing; ...3.0171

NAVY ENVIRONMENT - BIOLOGICAL DEGRADATION OF PESTICIDES IN THE MARINE ENVIRONMENT ...Biodegradation; Environment; Herbicides -nonspecific; Pesticide Safety Measures; Pesticides -other; ...4.0018

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

EFFLUENT INFLUENCES OF THE MISSISSIPPI RIVER ON THE CHEMISTRY AND BIOLOGY OF ADJACENT OCEAN SYSTEMS ...Chemical Analysis (water); Chlorinated Hydrocarbons; Effluents - Waste Water; Pesticides -see Pesticide; ...4.0022

EFFECTS OF PESTICIDES ON MARINE ANIMALS ...Developmental Physiology; Echinodermata; Hippolyte; Invertebrate Physiology; Pesticide Toxicity in Animals; ...4.0593

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Molluscs; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

LABORATORY BIOASSAYS ...Bioassay; Fish; Hippolyte; Marine Animals; Ostreidae (oyster); Pesticides -nonspecific; ...4.0595

RATES OF PESTICIDE BUILDUP IN SALMONIDS RECENTLY INTRODUCED IN THE GREAT LAKES ...Aquatic Ecology - Animal; Insecticides -nonspecific; Lake Superior; Pollution Effects -see Water; ...4.0661

Industrial Wastes

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0131

GEOSECS - ACQUISITION AND CONSTRUCTION OF SHIPBOARD ANALYTICAL EQUIPMENT AND HYDROGRAPHIC AND SAMPLING SYSTEMS ...Gas Chromatography; Marine Biology - General; Organics; Radioactivity; Sea Water Properties; ...2.0502

GEOSECS - OPERATIONS STAFF ...Data Reduction and Analysis; Man Machine Systems; Ocean Circulation -general; Particle - Gas Transfer; Sampling; Sea Water Properties; Ships and Cruises; ...2.0503

GEOSECS RADIOCARBON AND TRITIUM MEASUREMENTS ...Animal Productivity; Marine Biology - General; Ocean Circulation -general; Organics; Plant Productivity -general; Sea Water Chemistry; Sea Water Sampling; ...2.0548

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Gases; Marine Biology - General; Marine Environments; Mass Spectroscopy; Ocean; Organic Water Properties; Particle - Gas Transfer; Radioactivity; Waste Management -see Specific; ...2.0564

GEOSECS - PREPARATIONS R/V KNORR, CONSTRUCTION GEOSECS BUILDING, PROVISION SHIPBOARD EQUIPMENT, AND THE GEOSECS SUMMER INSTITUTES ...Animal Productivity; Marine Biology - General; Marine Pollution; Ocean Mixing; Plant Productivity -general; Research Facilities; Sea Water Properties; Ships and Cruises; ...2.0621

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Gas Chromatography; Marine Biology - General; Ocean Circulation - general; Organics; Radioactivity; Sea Water Properties; Water Standards & Baselines; ...2.0699

AIR PHOTO ANALYSIS OF OCEAN OUTFALL DISPERSION ...Aerial Photography -see Photo.; Currents (water); Lake; Marine Environments; Sewage; Surveying; ...2.0741

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Carbon; Marine Biology - General; Ocean Circulation -general; Organics; Primary Productivity - Plants; Sea Water Chemistry; Sea Water Properties; ...2.0742

COASTAL DIFFUSION OF POLLUTANTS ...Ocean; Ocean Currents; Oregon; Physical Models; Pulp and Paper Wastes; Wind; ...2.1084

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Benthic Organisms -nonspecific; Disposal; Harbors; Marine Biology - General; Marine Pollution; Ocean Dumping; Sea Water Properties; Solid Waste; ...2.1383

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fish; Marine Animals; Mineralogical Water Properties; Physiological Effects; Zooplankton; ...2.1440

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Chemical Analysis -general; Dispersion (water); Effluents - Waste Water; Marine Photography- Television; Oregon; Pulp and Paper Wastes; Sea Water Sampling; Surveying; ...2.1678

COMPARATIVE TOXICITIES OF METALS TO ESTUARINE FISHES ...Aluminum; Bioassays; Cyprinodontidae; Environmental Physiology; Marine Animals; Toxic Substances; ...2.1701

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Sewage Testing; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

OCEAN DISPOSAL OF INDUSTRIAL WASTES ...Acidity (water); Chemical Effects; Disposal Wastes; Mathematical Models; Model Studies; ...3.0101

Ocean Dumping

DEEP WATER DUMPS ...Contamination; Waste Type; ...2.0175

ENVIRONMENTAL PROTECTION PROGRAM ...Data Acquisition; Harbors; Water Quality Control -general; ...2.0500

STANDARD MONITORING SECTIONS A-6 AND A-7 CRUISE AND AUGUST 1970 NERVE GAS DUMP SITE SURVEY ...Atlantic Ocean; Depth; Environmental Hazards; Marine Pollution; Ocean Currents; Salinity; Temperature; ...2.0536

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Benthic Organisms -nonspecific; Disposal; Harbors; Industrial Wastes; Marine Biology - General; Marine Pollution; Sea Water Properties; Solid Waste; ...2.1383

NAVY ENVIRONMENT - ENVIRONMENTAL EFFECTS OF DEEP WATER ORDNANCE DISPOSAL ...Atlantic Ocean; Consultants; Advisory Services; Environment; Marine Biology - General; Marine Pollution; Military Aspects; ...2.1585

Oil

ECOLOGY OF A TROPICAL SHORE - PRE-ANALYSIS FOR POLLUTION STUDIES ...Ecological Effects; Marine Geology, Petroleum -see Oil; Pollution Effects -see Water; Water Pollution Abatement; ...2.0058

BIODEGRADATION OF OIL SLICKS IN THE MARINE ENVIRONMENT ...Actinomycetes -nonspecific; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Marine Bacteria; Petroleum Wastes - Spillage; ...2.0248

RESEARCH TO ELIMINATE AND PREVENT OIL POLLUTION OF THE SEA ...British Isles; Marine Environments; Oil Removal; ...2.0394

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE ...Aircraft Remote Sensing; Chesapeake Bay; Estuaries; Fluorometry; Monolayers; Petroleum Wastes - Spillage; Water Pollutants - Path of; Wind; ...2.0411

REVIEW OF THE SANTA BARBARA CHANNEL OIL POLLUTION INCIDENT ...Biological Effects; Channels; Contamination - Water; Marine Biology - General; Oil Removal; Petroleum Wastes - Spillage; ...2.0419

DEVELOPMENT OF NUCLEAR ANALYTICAL TECHNIQUES FOR OIL SLICK IDENTIFICATION ...Activation Analysis; Atmospheric and Environmental; Law Enforcement; Marine and Hydrology; Petroleum Wastes - Spillage; ...2.0501

WESTERN BEAUFORT SEA ECOLOGICAL CRUISE (WEBSEC 9-70) ...Alaska; Bays; Ecological Effects; Marine Biology - General; Sea Water Chemistry; Ships and Cruises; Water Standards & Baselines; ...2.0537

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils; Benthic Organisms -nonspecific; Marine Animals; Marine Environments; Marine Geology; Offshore Oil; Pesticides -nonspecific; Petroleum -see Oil; Zooplankton; ...2.0560

DETECTION OF OIL CONTAMINATION IN SEA WATER ...Chemical Analysis (water); Infrared Spectroscopy; Petroleum Wastes - Spillage; ...2.0577

APPLICATION OF REMOTE SENSING TO SURFACE PARAMETERS OF LARGE WATER BODIES ...Aircraft Remote Sensing; Circulation (water); Energy Conversion; Microwave Radiation; Petroleum Wastes - Spillage; Thermal Pollution; ...2.0864

PROVIDE A COMPENDIUM OF OIL SPILL TREATING AGENTS COVERING ABSORBENTS, DISPERSANTS, SINKING AGENTS, COMBUSTION PROMOTERS, GELLING AGENTS, ETC ...Absorption - Chemistry; Combustion; Dispersants; Oil Removal; Petroleum Wastes - Spillage; Sedimentation; ...3.0935

FEASIBILITY ANALYSIS OF INCINERATOR SYSTEMS FOR RESTORATION OF OIL CONTAMINATED BEACHES ...Burners; Marine Environments; Oil Removal; Petroleum Wastes - Spillage; ...3.0966

TEST AND EVALUATE EQUIPMENT FOR CONTAINING AND REMOVING OIL SPILLS IN HARBORS AND ADJACENT WATERS ...Harbors; Maine; Oil Removal; Petroleum Wastes - Spillage; Waste Material Recovery; Water Pollution Abatement; ...3.1032

MICROBIAL DEGRADATION OF HYDROCARBONS ...Bacterial Studies -general; Contamination - Water; North Carolina; Petroleum -see Oil; Water Bacteria; ...3.1070

DEGRADATION OF PETROLEUM AND RELATED COMPOUNDS IN THE BIOSPHERE ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Ionic Effect; Marine Plants; Petroleum -see Oil; Petroleum Research; ...3.1071

OILY WATER SEPARATOR ...Filtration; Fluid Mechanics; Oil Removal; Ship Wastes; Temperature; Waste Treatment; ...3.1207

TREATMENT OF OIL WASTES ...Costs -see Economics Entries; Petroleum Research; Polymerization; Ships and Cruises; ...3.1434

INVESTIGATION OF RECOVERY OF LARGE MARINE OIL SPILLS BY USE OF A VORTEX ASSISTED AIR LIFT ...Fluid Mechanics; Hydraulics; Ocean Waves -see Waves; Oil Removal; Petroleum Wastes - Spillage; Physical Models; Ships and Cruises; ...3.1444

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Amphibious Plants; Biological Effects; Crustacea; Crustacea - Water; Marine Animals; Marine Environments; Petroleum -see Oil; Plant Habitat Studies; ...3.1502

EFFECTS OF CRUDE OILS AND THEIR EMULSIONS ON MARINE ORGANISMS ...Animal Pharmacology; Contamination - Water; Fish; Ships and Cruises; ...3.1699

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Contamination - Water; Marine Animals; Marine Biology - General; Marine Environments; Marine Geology; Marine Pollution; Pacific Ocean; Sea Water Mass & Ocean Fronts; Ships and Cruises; ...3.1796

OIL POLLUTION OR STUDY-NSRDC ...Data Acquisition; Shoreline Structures; ...3.0018

NAVY ENVIRONMENT - BIODEGRADATION OF OIL IN SEAWATER ...Biodegradation-see Degradation; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Marine Biology - General; Oil Removal; Petroleum -see Oil; ...3.0019

BIODEGRADATION OF OIL IN SEAWATER FOR NAVAL POLLUTION CONTROL ...Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Marine Plants; Microorganisms -nonspecific; Petroleum -see Oil; Petroleum Wastes - Spillage; ...3.0020

SINKING METHODS FOR REMOVAL OF OIL POLLUTION FROM WATER SURFACES ...Petroleum -see Oil; Petroleum Wastes - Spillage; ...3.0030

NAVY ENVIRONMENT - BIODEGRADATION OF OIL SLICKS IN MARINE ENVIRONMENT ...Cellular Catabolism-see Degrad; Marine Biology - General; Offshore Oil; Petroleum -see Oil; Ship Wastes; Waste Water Degradation; ...3.0031

NAVY ENVIRONMENT - BIOLOGICAL OXIDATION OF PETROLEUM POLLUTANTS ...Cellular Catabolism-see Degrad; Microorganisms -nonspecific; Petroleum -see Oil; ...3.0042

Radioactivity

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA ...Argentina; Environmental Geology; Marine Environments; ...3.0014

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources; Estuaries; Fish; Marine Animals; Marine Environments; Organics; Trace Elements; Zinc; ...3.0020

WORKSHOP ON EFFECTS OF ATOMIC RADIATION ON OCEANOGRAPHY ...Environmental Hazards; Marine Environments; Meetings; Radioactive Fallout; Sea Water Chemistry; ...3.0091

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; Inlets; Marine Biology - General; Ocean Currents; Radioecology - Plants; Salinity; Vertebrates Excl. Man; Water Pollution Sources; ...3.0136

RADIOACTIVE CONTAMINATION IN MARINE ENVIRONMENT AND BIOTA IN THE BASIN OF THE MEDITERRANEAN SEA ...Contamination - Water; Israel; Marine Biology - General; Mediterranean Sea; ...3.0193

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Environmental Geology; Italy; Marine Environments; ...3.0193

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Atlantic Ocean; Contamination - Water; Italy; Marine Environments; Plankton; Radioecology - Plants; Trace Elements; ...3.0134

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Ocean Circulation -general; Radioactive Fallout; ...3.0187

STRONTIUM-90 FALLOUT OVER THE OCEAN ...Atlantic Ocean; Marine Environments; Ocean Circulation -general; Ocean Mixing; Precipitation Gages; Rain; Sea Water Sampling; ...3.0270

DISTRIBUTION OF RADIONUCLIDES IN A SERIES OF OCEAN WATER PROFILES AND SURFACE WATER STATIONS IN THE SOUTH PACIFIC OCEAN ...New Zealand; Pacific Ocean; ...3.0278

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Scleonidae; Spawn Or Nesting Sites; ...3.0279

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects -see Water; Water Pollution Sources; Zinc; ...3.0280

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...3.0320

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Beta Particles; Canals; Dredging; Gamma Spectroscopy; Harbors; Marine Geology; Ocean Meteorological Studies; Seismology; ...3.0424

PHYSICO-CHEMICAL PROCESSES AND IONIC STATES OF MICROCONSTITUENTS IN SEA WATER AND THEIR RELATION TO RADIOECOLOGY OF NORTH ADRIATIC ...Chelation & Complexing; Kinetics; Marine Environments; Mediterranean Sea; Sea Water Chemistry; Water Chemistry; ...3.0460

GEOSECS - ACQUISITION AND CONSTRUCTION OF SHIPBOARD ANALYTICAL EQUIPMENT AND HYDROGRAPHIC AND SAMPLING SYSTEMS ...Gas Chromatography; Marine Biology - General; Organics; Sea Water Properties; ...3.0502

GEOSECS - OPERATIONS STAFF ...Data Reduction and Analysis; Man Machine Systems; Ocean Circulation -general; Particle - Gas Transfer; Sampling; Sea Water Properties; Ships and Cruises; ...3.0503

MEASUREMENTS OF BOMB-PRODUCED RADIOCARBON IN THE SURFACE AND SUB-SURFACE WATER OF THE PACIFIC OCEAN ...Indian Ocean -general; Marine Environments; Ocean Mixing; Pacific Ocean; Particle - Gas Transfer; Sea Water Sampling; Seismology; ...3.0505

GEOSECS RADIOCARBON AND TRITIUM MEASUREMENTS ...Animal Productivity; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Plant Productivity -general; Sea Water Chemistry; Sea Water Sampling; ...3.0548

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Gases; Marine Biology - General; Marine Environments; Mass Spectroscopy; Ocean; Organic Water Properties; Particle - Gas Transfer; Waste Management -see Specific; ...3.0564

GEOSECS - PREPARATIONS R/V KNORR, CONSTRUCTION GEOSECS BUILDING, PROVISION SHIPBOARD EQUIPMENT, AND THE GEOSECS SUMMER INSTITUTES ...Animal Productivity; Marine Biology - General; Marine Pollution; Ocean Mixing; Plant Productivity -general; Research Facilities; Sea Water Properties; Ships and Cruises; ...3.0621

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Gas Chromatography; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Sea Water Properties; Water Standards & Baselines; ...3.0699

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Carbon, Industrial Wastes; Marine Biology - General; Ocean Circulation -general, Organics; Primary Productivity - Plants; Sea Water Chemistry; Sea Water Properties; ...2.0742

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Data Reduction and Analysis; Estuaries; Mathematical Models; Streams; Tides; Water Pollution Sources; ...2.0749

RADIONUCLIDES IN SAVANNAH RIVER ESTUARY AND COASTAL WATERS ...Atlantic Ocean; Circulation (water); Estuaries; Marine Geology; South Carolina; Water Pollution Sources; ...2.0793

GEOSECS - C14 FACILITY AND ANALYSIS OF OCEAN WATER SAMPLES ...Animal Productivity; Carbon; Marine Biology - General; Plant Productivity -general; ...2.0849

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish; Marine Animals; Marine Environments; Marine Photography-Television; Ocean Circulation -general; Ocean Currents; Pacific Ocean; Vertical Distribution; ...2.0972

NAVY ENVIRONMENT--TURBULENT DIFFUSION AND EXCHANGE PROCESSES IN ESTUARINE, COASTAL AND OCEAN WATERS ...Estuaries; Forecasting - Predictive; Marine Environments; Ocean Turbulence; Radiotracers -see Tracers; ...2.1034

RADIOECOLOGICAL STUDY OF THE HUMBOLDT BAY MARINE ENVIRONMENT - DEVELOPMENT OF A MODEL ...Algal Physiology; Invertebrate Physiology; Marine Biology - General; Marine Geology; Plankton; Turbidity; ...2.1491

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - geo; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Contamination - Water; Developmental Biology -general; Japan; Marine Biology - General; Radioisotopes -nonspecific; Water Pollution Sources; ...5.0331

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -mar; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0561

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Cobalt; Europium; Lichenes; Radiation Resistance -animals; Radiologic Health; Ruthenium; Silbium; Zirconium; ...5.0742

Sewage

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Taxonomy -plant; ...2.0151

ULTRAVIOLET ABSORPTION IN COASTAL WATERS ...Algae - nonspecific; California; Coastlines - Shorelines; Organic Matter; Plant Productivity -general; Ultra Violet Radiation; ...2.0493

AIR PHOTO ANALYSIS OF OCEAN OUTFALL DISPERSION ...Aerial Photography -see Photo.; Currents (water); Industrial Wastes; Lake; Marine Environments; Surveying; ...2.0741

DEMONSTRATION OF THE LIMITATIONS AND EFFECTS OF WASTE DISPOSAL ON AN OCEAN SHELF ...Benthic Fauna; Ecological Effects; Marine Animals; Marine Environments; Marine Pollution; ...2.1226

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Benthic Organisms -nonspecific; Disposal; Harbors; Industrial Wastes; Marine Biology - General; Marine Pollution; Ocean Dumping; Sea Water Properties; Solid Waste; ...2.1353

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Population Dynamics -general; Urban Environment; ...2.1495

EFFECTS OF SEWAGE SLUDGE ON FINFISH AND BENTHIC AND PLANKTONIC COMMUNITIES ...Atlantic Ocean; Benthic Organisms -nonspecific; Ecological Effects; New Jersey; ...2.1639

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Contamination - Water; Marine Animals; Marine Biology - General; Marine Environments; Marine Geology; Marine Pollution; Oil; Pacific Ocean; Sea Water Mass & Ocean Fronts; Ships and Cruises; ...2.1794

Ship Wastes

EXPLOSIVES RESEARCH AND SAFETY--SURVEY OF POLLUTANTS ...Marine Pollution; Seismology; ...2.0029

OILY WATER SEPARATOR ...Filtration; Fluid Mechanics; Oil Removal; Temperature; Waste Treatment; ...2.1207

DEVELOPMENT OF WASTE TREATMENT SYSTEMS ABOARD MARINE AND FRESH WATER CRAFT ...Boat Discharges; Process Development; ...2.1424

NAVY ENVIRONMENT - FATE OF OIL AFTER A MAJOR OIL SPILL ...Marine Environments; Size; Water Pollutants - Path of; ...5.0016

Marketing

FOSSIL FUEL COST AVAILABILITY MODELS ...Coal Research; Literature Search; Sulfur Dioxide Removal; ...1.0472

ESSO - INSTRUMENTATION PLAN DEVELOPMENT ...Air Pollution-chemistry; Chemical Analysis -general; ...1.0738

THE REMOVAL OF EXCESS NITRATES AND NITRITES FROM POLLUTED WATER ...Chemical Regeneration; Chemical Treatment (water); Ion Exchange; Mechanism Determination; Polymerization; Water Chemistry; ...2.0098

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

MARKETS TO 1980 FOR WASTE WATER TREATMENT AND RENOVATION FACILITIES ...Chemical Treatment (water); Economic Impact; Forecasting - Prediction; Waste Water Treatment -general; ...2.1795

MULTIPURPOSE REGIONAL MARINE SCIENCE CENTER (SEA LAB) ...Agricultural Economics; Economics & Technology; Management; Oceanography -general; Water Pollution Effects; ...2.1889

RECOVERY OF AMINO ACIDS FROM POTATO STARCH FACTORY SECONDARY WASTES ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Ion Exchange; Process Development, Product Development Research; Solanum; Water Quality Control -general; ...3.0041

SYSTEMS APPLICATIONS IN AGRICULTURE ...Agricultural Economics; Farm Animal Wastes; Forest Management; Soil Water Plant Relationships; ...3.0185

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues; Costs -see Economics Entries, Drying; Food Processing Industries; Freeze Drying; Pilot Plants; Precipitation; Waste Drying; Waste Treatment Economics; ...3.0305

IMPROVED MARKETING PRACTICES AND MARKETS FOR LUMBER AND OTHER MANUFACTURED PRODUCTS OF EASTERN HARDWOODS ...Agricultural Economics; Consumption; Costs -see Economics Entries; Manufacturing; Mulches; Processing; Supply; Tsuga; ...3.0344

RESEARCH STUDIES RELATED TO DEVELOPMENT OF A CRAWFISH PROCESSING INDUSTRY IN LOUISIANA ...Commercial Fishing; Crayfish; Enterprise Studies; Farm Animal Wastes; Food Engineering & Technology; Mammals -nonspecific; Supply; ...3.0374

AN INVESTIGATION INTO THE RELOCATION OF A PORTION OF THE WHEAT SUPPLY FOR NATIONAL SECURITY CONSIDERATIONS ...Agricultural Economics; Costs -see Economics Entries; Management; Political Processes & Systems; Regional Economics; ...5.0071

Maryland

RESPIRATORY FINDINGS AND URBAN LIVING ...Air Pollution -see Specifics; District of Columbia; New York; Respiratory Disease; Urban Environment; ...1.0207

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

EVALUATION OF THE MAGOTHY AQUIFER - ANNAPOLIS AREA, MARYLAND ...Aquifers; Drilling and Coring; Management (water); Model Studies; Saline Water Intrusion; Size; Water Resources Development; ...2.0169

HIGHWAY DRAINAGE STUDY ...Drainage; Drainage Systems; Groundwater; Sewer Systems; Transportation Design; ...2.0172

TIME-OF-TRAVEL - PRINCIPAL MARYLAND STREAMS ...Cooperative Studies; Dyes; Water Pollutants - Path of; ...2.0611

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

UNDERGROUND DISPOSAL OF LIQUID WASTES IN BRACKISH WATER FORMATIONS, MARYLAND ...Artificial Recharge; Chemical Water Properties; Cooperative Studies; Government -see Federal Gov.; Soil Tillage; Waste Disposal, Underground; Water Resources Planning; ...2.1286

DETERMINE EFFECTS OF RESERVOIRS ALONG SUSQUEHANNA RIVER ON SEDIMENT BEING DISCHARGED INTO CHESAPEAKE BAY AT HAVRE DE GRACE, MD ...Chesapeake Bay; Mineralogical Properties; Reservoirs and Impoundments; Sediment Yield; Sediments; Size; Susquehanna River; ...2.1571

AN ECOLOGICAL STUDY OF THE PATUXENT ESTUARY ...Amphibious Plants; Electric Power Plants; Gramineae; Induced Temperature; Physiological Effects; Thermal Pollution; Zizaniaceae; ...2.1573

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Chlorine; Data Acquisition; Effluent-standards; Fish Population Dynamics -general; Species Diversity Measurement; Water Properties -general; ...2.1577

HYDROLOGY OF THE CRYSTALLINE ROCK SYSTEM IN SOUTHEASTERN STATES ...Alabama; Groundwater; Petrology; Piedmont Province; Southeast U. S.; Water Quality -general; Water Yield; ...2.1660

PEAT STUDIES ...Environmental Geology; Peat; Pennsylvania; Sediment Lithification; West Virginia; ...3.0365

Mass Transfer

SO2 WET SCRUBBING REACTION RESEARCH ...Adsorption; Kinetics; Scrubbers; Sulfur Dioxide Removal; ...1.0606

ODOR CONTROL RESEARCH - COMPLETE KINETICS STUDY AND INITIATE SCRUBBER DEVELOPMENT ...Costs -see Economics Entries; Industrial Wastes; Odor; Pilot Plants; Rate of Reaction; Scrubbers; ...1.0608

APPLIED SCRUBBER RESEARCH FOR CONTROL OF SOX AND NOX ...Adsorption; Nitrogen and Nitrogen Cpds.; Pilot Plants; Rate of Reaction; Scrubbers; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0609

DYNAMICAL THEORIES OF KNUDSEN AEROSOLS ...Aerosols; Air Pollution-chemistry; Electric Field; Heat Transmission; ...1.0915

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Carbonates; Chemical Effects; Forecasting - Prediction; Groundwater Movement; Nuclear; Petrology; Seismology; Water Pollutants - Path of; ...2.0062

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Diffusion; Groundwater Movement; Organic Matter; Oxidation; Polarography; Septic Tanks; Soil Chemical Properties; Soil Moisture; ...2.0989

SYMPOSIUM PRESENTATION OF RESEARCH FINDINGS ON THE REAERATION CAPACITY OF STREAMS AND ESTUARIES ...Aeration (water); Estuaries; Isotope Tracer -see Tracers, Radioisotopes; Water Chemistry; Water Pollution Abatement; ...2.0999

MASS TRANSFER AND CHEMICAL REACTION IN TWO-PHASE FLOW ...Aeration (water); Fluid Mechanics; Model Studies; Pipe; Sewer Systems; Waste Water Treatment -general; ...2.0100

Mass Transit

AN EVALUATION OF FREE TRANSIT SERVICE ...Consumption; Economic Studies -general; Land Use; Massachusetts; Social Aspects; Traffic Engineering; Transportation; Transportation Management; Urban Research -general; ...1.0446

A STUDY FOR RESEARCH AND REPORTING ON MASS TRANSPORTATION SYSTEMS (SUBWAYS) ACOUSTICAL ENVIRONMENT ...Noise; Railroads -see Transportation; ...6.0035

Mass Wasting, Geological

ENGINEERING GEOLOGY RECONNAISSANCE STUDIES OF COASTAL COMMUNITIES, ALASKA ...Alaska; Environmental Hazards; Harbors; Marine Geology; Seismology; Tectonics; Waves -see Ocean Waves; ...2.0065

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology; Floods; Geologic Maps; Land Use; Sands & Gravels; Structure Sites; Urban Environment; Urban Research -general; ...2.0066

WATER QUALITY CONTROL BY SELECTIVE WITHDRAWAL AND REAERATION ...Aeration (water); Mathematical Models; Reservoirs and Impoundments; Seismology; Turbidity (water); Water Quality -general; ...2.0979

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

CLAY-WATER SYSTEMS IN RELATION TO ENGINEERING PROPERTIES OF CLAY MATERIALS ...Clay Soils; Infiltration; Septic Tanks; Size; Suburban Areas; Urban Research -general; ...3.0050

INTRAMETROPOLITAN RESIDENTIAL MOBILITY ...Air Pollution; California; Environmental Hazards; Floods; Noise; Social Aspects; ...6.0068

Massachusetts

AN EVALUATION OF FREE TRANSIT SERVICE ...Consumption; Economic Studies -general; Land Use; Social Aspects; Traffic Engineering; Transportation; Transportation Management; Urban Research -general; ...1.0446

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

EUTROPHICATION STUDIES IN BOSTON HARBOR ...Algae - Chlorophyta; Eutrophication; Harbors; Water Pollutant Identification; ...2.0179

WATER POLLUTION FROM SANITARY LANDFILLS ...Groundwater; Landfills -see Water Pollution; New Hampshire; Sanitary Landfills; Solid Waste; Waste Disposal on Soils; ...2.0181

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN MASSACHUSETTS ...Groundwater; Leaching; Salinity

(water); Soil Chemical Properties; Water Pollutants - Path of; ...2.0183

ANALYSIS OF FISH TISSUE FOR MERCURY CONTENT ...Analysis and Detection; Atomic Absorption; Connecticut River; Contamination - Water, Fish; Mercury; Water Pollutant Identification; ...2.0617

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN WATERS AND SHELLFISH ...Digestive System - Human; Viral Pollutant Sources; Water Pollutant Identification; Wisconsin; ...2.0786

OPTIMIZING STRATEGY FOR STATE WATER POLLUTION CONTROL IN THE POST 'PLAN OF IMPLEMENTATION' PERIOD ...Administrative Organizations; Optimization, Economic; Survey Studies (water); Water Quality Control -general; Water Resources Planning; ...2.1039

DETERMINATION OF THE FEASIBILITY OF REMOVAL OF ALGAL NUTRIENTS IN LAKE WATERS BY ION EXCHANGE ...Acidity (water); Circulation (water); Eutrophication; Ion Exchange; Nutrients; Water Chemistry; ...2.1040

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1042

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Expenditures; Finance -see Economics Entries; Lakes; Model Studies; Riparian Rights; Water Pollution Abatement; Water Resources Planning; ...2.1843

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Community - Social Studies; Effluents - Waste Water; Legal Studies; Optimization, Economic; Water Costs; Water Resources Planning; Water Standards & Baselines; Welfare Economics; ...2.1844

MATHEMATICAL WATER QUALITY PLANNING MODELS ...Bays; Harbors; Model Studies; Systems Analysis - Water Mgmt; Tides; Water Resources Planning; ...2.1850

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology; Geological Exploration; Lead; Rocks - Bedrock; Streams; Surveying; Waste Disposal-see Solid Waste; ...3.0162

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Chlorination; Combustible Filters; Filters-filtration; Pumps; Sewage Bacteria; Storm Sewer Quantity; Waste Treatment Economics; ...3.0169

MASSACHUSETTS PESTICIDE MONITORING STUDY ...Monitoring Systems; Pesticide Residues; Pesticides -nonspecific; Pesticides -see Pesticide; Watersheds; ...4.0038

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Estuaries; Laboratory Animals; Parathion; Physiological Effects; Spawn Or Nesting Sites; ...4.0653

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ...Captive Rearing; DDT; Estuaries; Heptachlor; Pesticides -see Pesticide; Pleuronectidae; Spawning -see Fish & Shellfish; ...4.0654

METROPOLITAN AIRCRAFT NOISE ABATEMENT STUDY (LOGAN INTERNATIONAL AIRPORT) ...Economic Impact; Land Use; Noise; Noise Abatement; Urban Research -general; ...6.0007

Materials -properties

EFFECT OF DIESEL FUMES ON CONCRETE ...Air Pollution; Automotive Application; Ceramics; Corrosion, Deterioration, Engines; Structural Mechanics; ...1.0425

SHOCK STABILITY OF BACKUP SUBMARINE ATMOSPHERE CONTROL COMPONENTS ...Synthetic Air; ...1.0561

CONSULTATION AND ADVISORY SERVICES FOR ROCKET-BORNE CRYOGENIC WHOLE AIR SAMPLER ...Air Pollution Sampling; Analytical Instruments; Consultants, Advisory Services; Heat Transmission; Temperature Effects; ...1.0684

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

INFLUENCE OF WATER QUALITY IN MAINTAINING WHITENESS WHEN LAUNDERING WHITE FABRICS ...Bleaching, Coloring; Fibers; Home Economics; Mineralogical Water Properties; Organic Matter; Water Quality -general; ...2.0297

SELF-ADJUSTING AND SELF-CLEANING FILTER FEASIBILITY STUDY ...Chlorination; Filters-filtration; Materials, Composite; Pollutant Removal; Pressure Effects; Storm Sewer Quantity; ...2.0882

WATER TREATMENT BY REVERSE OSMOSIS METHOD ...Economic Efficiency; Fresh Water; Membranes; Pilot Plants; Reverse Osmosis; Waste Water Treatment -general; Water Reuse; ...2.1195

NONAQUEOUS TREATMENTS TO IMPROVE FABRIC PROPERTIES AND REDUCE WATER POLLUTION ...Chemical Mechanisms & Kinetics; Fabrication; Home Economics; Textile Industry; Water Quality Control -general; ...2.1293

WARP SIZES THAT AVOID STREAM POLLUTION AND IMPROVE DURABLE-PRESS FABRICS ...Coatings -see Materials; Fibers; Home Economics; Industrial Wastes; Plastics; Textile Industry; Water Quality Control -general; ...2.1784

DEVELOPMENT AND DEMONSTRATION OF MATERIALS TO REDUCE OR ELIMINATE WATER INFILTRATION INTO SEWERAGE ...Costs -see Economics Entries; Groundwater Movement; Infiltration; Sanitary Sewage Quantity; Waste Dilution- Self Purifying; ...2.1433

DOMESTIC WATER PROBLEMS AS RELATED TO TEXTILES ...Detergent Builders; Fibers; Home Economics; Mineralization; Purity, Impurity; ...2.1604

ENGINEERING PROPERTIES OF COMPACTED ASH FILLS ...Burning; Combustion; Construction Materials; Engineering Mechanics; Soil Compaction Or Density; ...3.0179

DESIGN OF A WATER DISPOSABLE PACKAGING CONTAINER ...Ceramics; Coatings -see Materials; Corrosion, Deterioration; Fluid Mechanics; Packaging Materials; ...3.0309

UTILIZATION OF SOLID WASTES FROM THE COMBUSTION AND MINING OF COAL ...Automotive Application; Combustion; Elastomers; Pavement; Product Development Research; Soil Amendments; Soil pH; ...3.0341

CHEMICAL PULPING AND BLEACHING ...Air Pollution-chemistry, Electrolytic; Industrial Pollution -general; Pulp and Paper Wastes; Reduction Reactions; Water Chemistry; ...3.0351

MULTI-PURPOSE UTILIZATION OF HARDWOOD BARK THROUGH CHEMICAL MODIFICATION ...Air Pollution; Construction Materials; Fire; Forest Debris; Materials, Composite; Product Development Research; ...3.0370

SYNTHETIC FILLER FOR USE IN HIGHWAY CONSTRUCTION ...Ceramics; Corrosion, Deterioration; Lubricants and Fluids; Pavement; Recoverable Materials; ...3.0398

STABILIZING SANITARY LANDFILLS BY INJECTION GROUTING ...Ceramics; Engineering Mechanics; Landfills -see Water Pollution; Waste Disposal on Soils; ...3.0405

PAPER AND FIBERBOARD PROCESSES ...Additives; Combustion Air Pollution-gen; Fabrication; Industrial Wastes; Materials, Composite; Pulp and Paper; Solanum; ...3.0407

INVESTIGATION OF LIGHT SENSITIVE MATERIALS FOR FLASH BLINDNESS PROTECTION ...Index of Refraction; Optical; Radiation -see Specifics; Transmission; ...5.0393

Composition

REFINING OF MOLTEN FERROUS SCRAP ...Purity, Impurity; Recoverable Materials; Waste Type; ...3.0163

DESIGN OF A WATER DISPOSABLE PACKAGING CONTAINER ...Ceramics; Coatings -see Materials; Corrosion, Deterioration; Fluid Mechanics; Materials -properties; Packaging Materials; ...3.0309

Additives

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

THE ROLE OF PAPER MILL ADDITIVES AS POTENTIAL STREAM POLLUTANTS ...Activation Analysis; Atmospheric and Environmental; Industrial Wastes; Pulp and Paper Wastes; Waste Treatment; Water Quality Control -general; ...2.0412

DETERGENT DISPERSANT CHARACTERISTICS OF PETROLEUM FUELS ...Corrosion, Deterioration; Detergents -see Surfactants; Filtration; Lubricants and Fluids; Petroleum Research; ...2.1033

UTILIZATION OF BARK WASTE ...Casting of Materials; Gas Chromatography; Inspection and Control; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Pseudotsuga; Pulpwaste; ...3.0277

PAPER AND FIBERBOARD PROCESSES ...Combustion Air Pollution-gen; Fabrication; Industrial Wastes; Materials, Composite; Pulp and Paper; Solanum; ...3.0407

Homogeneity

EXTRACTION OF METAL AND MINERAL VALUES FROM MUNICIPAL REFUSE AND INCINERATOR RESIDUES ...Ceramics; Equipment and Instrumentation; Incineration; Recoverable Materials; ...3.0380

Purity, Impurity

INFLUENCE OF WATER QUALITY IN MAINTAINING WHITENESS WHEN LAUNDERING WHITE FABRICS ...Bleaching, Coloring; Fibers; Home Economics; Materials -properties; Mineralogical Water Properties; Organic Matter; Water Quality -general; ...2.0297

WATER TREATMENT BY REVERSE OSMOSIS METHOD ...Economic Efficiency; Fresh Water; Membranes; Pilot Plants; Reverse Osmosis; Waste Water Treatment -general; Water Reuse; ...2.1195

WATER QUALITY CONTROL WITH SYNTHETIC POLYMERIC FLOCCULANTS - EFFECT OF MG, CA, CU, & ZN IONS ON BACTERIA & ALGAE (ABBREV) ...Additives; Bacterial Pollutant Sources; Flocculation; Sewage Treatment Plant; Waste Water Treatment -general; Water Quality Control -general; ...2.1206

DOMESTIC WATER PROBLEMS AS RELATED TO TEXTILES ...Detergent Builders; Fibers; Home Economics; Materials -properties; Mineralization; ...2.1604

REFINING OF MOLTEN FERROUS SCRAP ...Composition; Recoverable Materials; Waste Type; ...3.0163

RECYCLING OF STEELMAKING FURNACE DUSTS ...Casting of Materials; Lead; Recoverable Materials; Waste Type; Zinc; ...3.0384

ELECTROLYTIC REFINING OF ALUMINUM SCRAP ...Cell Materials; Recoverable Materials; ...3.0391

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR PROCESS CONTROL AND POLLUTION ABATEMENT ...Coatings -see Materials; Isotope Tracer -see Tracers; Plating Wastes; Radioactive Isotopes; Reactors; Zinc; ...5.0804

Environment -general

DEVELOPMENT AND DEMONSTRATION OF MATERIALS TO REDUCE OR ELIMINATE WATER INFILTRATION INTO SEWERAGE ...Costs -see Economics Entries; Groundwater Movement; Infiltration; Materials -properties; Sanitary Sewage Quantity; Waste Dilution- Self Purifying; ...2.1433

Equipment and Instrumentation

EXTRACTION OF METAL AND MINERAL VALUES FROM MUNICIPAL REFUSE AND INCINERATOR RESIDUES ...Ceramics; Homogeneity; Incineration; Recoverable Materials; ...3.0380

Irradiation

THE EFFECTS OF ATMOSPHERIC CONTAMINANTS ON THE DURABILITY OF BUILDING MATERIALS ...Air Pollution, Coatings -see Materials; Corrosion, Deterioration; Coulometry; Inspection and Control; Plastics; ...1.0339

RADIATION EFFECTS IN DIELECTRICS ...Electrical, Electronic Mtl.; Films; Ionizing Radiation -see Rad.; Plastics; ...5.0238

COMMUNICATIONS - NUCLEAR RADIATION EFFECTS ON ELECTRONIC COMPONENT MATERIALS AND ELECTRONIC DEVICES ...Electrical, Electronic Mtl.; Electronic Components; ...5.0452

RADIATION EFFECTS IN CROSS-LINKING IN POLYMERIC SYSTEMS ...Electrical, Electronic Mtl.; Ordinance Materials; Packaging Materials; Plastics; Polymerization; ...5.0511

FUNDAMENTAL INVESTIGATIONS IN RADIATION POLYMER CHEMISTRY ...Plastics; Polymerization; Radiation; ...5.0555

SPECIAL PROBLEMS IN NUCLEAR INSTRUMENTATION AND MEASUREMENT OF W IN GASES ...Alpha Particles; Chemical Mechanisms & Kinetics; Ionization Chambers; Kinetic Isotope Effects; Plastics; Radiological Instruments; ...5.0838

Synthetic, Substitute Mtl.

REFRACTORY ADSORPTION ON CHEMCOKE ...Adsorption; Coal Research; Refractory; Waste Water Treatment -general; ...2.0947

Materials, Composite

SELF-ADJUSTING AND SELF-CLEANING FILTER FEASIBILITY STUDY ...Chlorination; Filters-filtration; Pollutant Removal; Pressure Effects; Storm Sewer Quantity; ...2.0882

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

POLYMER-IMPREGNATED CONCRETE PIPE RESEARCH PROGRAM ...Casting of Materials; Ceramics; Industrial Wastes; Plastics; ...3.0022

WASTE TREATMENT FOR AN INDIVIDUAL HOME WITH REUSE OF THE WATER ...Aeration (water); Filters-filtration; Flushing Devices; Recycle Water; Small Sanitation Unit; ...3.0139

NEW AND IMPROVED PRODUCTS FROM WESTERN SOFTWOODS ...Costs -see Economics Entries; Lumbering -general; Picea; Pinus Ponderosa; Pseudotsuga; Southwest U. S.; ...3.0363

MULTI-PURPOSE UTILIZATION OF HARDWOOD BARK THROUGH CHEMICAL MODIFICATION ...Air Pollution; Construction Materials; Fire; Forest Debris; Materials -properties; Product Development Research; ...3.0370

PAPER AND FIBERBOARD PROCESSES ...Additives; Combustion Air Pollution-gen; Fabrication; Industrial Wastes; Pulp and Paper; Solanum; ...3.0407

Materials, Special Purpose

LEACHING AND RECOVERY OF COPPER FROM ORES AND WASTE DUMPS .. Acid Mine Wastes; ...3.0326

Aircraft, Space Applcn.

GAS-OFF STUDIES ON NONMETALLIC MATERIALS USED IN AIR FORCE SYSTEMS ...Chemical Mechanisms & Kinetics; Gas Chromatography; Impurity; Infrared Spectroscopy, Liquid Chromatography; Mass Spectroscopy; ...1.0765

CONSULTATION AND ADVISORY SERVICES FOR ROCKET-BORNE CRYOGENIC WHOLE AIR SAMPLER ...Air Pollution Sampling; Analytical Instruments; Consultants, Advisory Services; Heat Transmission; Temperature Effects; ...1.0684

Automotive Application

VEHICLE AND HIGHWAY SAFETY ON WINTER TIRES, WINDSCREENS, BRAKING SYSTEMS AND AIR POLLUTION ...Body; Brake; Ceramics; Combustion; Pavement; Tires; Traffic Engineering; ...1.0056

OCCUPATIONAL HEALTH HAZARDS OF RUBBER DUST ...Air Pollution -see Specifics; Cercopithecoidea; Elastomers Medical, Dental Materials; Occupational Hazards; Toxicology; ...1.0287

EFFECTS OF OZONE ON SELECTED MATERIALS ...Air Pollution-chemistry; Coatings -see Materials; Controlled Atmosphere; Corrosion, Deterioration; Elastomers; Plastics; ...1.0386

EFFECT OF DIESEL FUMES ON CONCRETE ...Air Pollution; Ceramics; Corrosion, Deterioration; Engines; Materials -properties; Structural Mechanics; ...1.0425

UTILIZATION OF SOLID WASTES FROM THE COMBUSTION AND MINING OF COAL ...Combustion; Elastomers; Pavement; Product Development Research; Soil Amendments; Soil pH; ...3.0341

SCRAP AND RECYCLE RESEARCH ...Electrical, Electronic Mtl.; Mechanism Determination; Oxidation; Photography; ...3.0382

PHYSICAL AND CHEMICAL PROCESSING OF FERROUS SCRAP ...Casting of Materials; ...3.0401

CORROSION OF EXHAUST SILENCERS IN SERVICE ...Automobile & Components; Characteristics; Coatings -see Materials; Control Devices; Corrosion, Deterioration; Noise; ...6.0048

Cell Materials

ELECTROLYTIC REFINING OF ALUMINUM SCRAP ...Purity, Impurity; Recoverable Materials; ...3.0391

PULSED ELECTRON BEAM DOSIMETRY ...Beta Particles; Dosimeters -see Dosimetry; Electrical Phenomena; Radiation Instruments; Radiation Sources -general; ...5.0910

Construction Materials

SWINE HOUSING ENVIRONMENT ...Air Pollution -see Specifics; Corrosion, Deterioration; Farm Structures & Design; Humidity; Sus; Wind -see Air Motion; ...1.0055

THE EFFECTS OF ATMOSPHERIC CONTAMINANTS ON THE DURABILITY OF BUILDING MATERIALS ...Air Pollution; Coatings -see Materials; Corrosion, Deterioration; Coulometry; Inspection and Control; Plastics; ...1.0339

EFFECTS OF PARTICULATES ON SOILING OF BUILDING MATERIALS ...Air Pollution-chemistry; Alabama; Corrosion, Deterioration; New York, Particulates - Air Pollution; ...1.0387

CONSULTATION AND ADVISORY SERVICES FOR ROCKET-BORNE CRYOGENIC WHOLE AIR SAMPLER ...Air Pollution Sampling; Analytical Instruments; Consultants, Advisory Services; Heat Transmission; Temperature Effects; ...1.0684

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams -lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general, Water Reuse; ...2.0922

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides -nonspecific; Biological; Coatings -see Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Plastics; Water Distribution Systems; ...2.0977

MICROBIOLOGICAL INVESTIGATIONS ...Algal Pollutant Sources; Corrosion, Deterioration; Fungal Pollutant Sources; Microorganisms -nonspecific; Taxonomy -plant; Water Pollution Sources; ...2.1511

ENGINEERING PROPERTIES OF COMPACTED ASH FILLS ...Burning; Combustion; Engineering Mechanics; Materials -properties; Soil Compaction Or Density; ...3.0179

STABILIZATION OF LOW-GRADE AND WASTE MATERIALS ...British Isles; Ceramics; Chalky Limestone; Pavement; Recoverable Materials; Shale; Soil Cement; ...3.0324

MULTI-PURPOSE UTILIZATION OF HARDWOOD BARK THROUGH CHEMICAL MODIFICATION ...Air Pollution; Fire; Forest Debris; Materials -properties; Materials, Composite; Product Development Research; ...3.0370

RADON PROGENY EXPOSURE CONTROL IN BUILDINGS ...Building Design; Radiation Injury Prevention; Radioactive Isotopes; Radon; Respiratory Irritants, Inhaled; ...5.0803

IMPORTANCE OF NOISE AND ITS POTENTIAL EFFECT ON WOOD USE IN GARDEN APARTMENTS ...Building Acoustics -see Noise; Building Construction; Farm Structures & Design; Home Economics; Noise; Residential Buildings; Structural Mechanics; ...6.0057

Disposable Materials

DESIGN OF A WATER DISPOSABLE PACKAGING CONTAINER ...Ceramics; Coatings -see Materials; Corrosion, Deterioration; Fluid Mechanics; Materials -properties; Packaging Materials; ...3.0309

UTILIZATION OF WASTE PLASTICS FROM URBAN REFUSE ...Chlorine; Plastics; Recoverable Materials; Urban Research -general; ...3.0386

Electrical, Electronic Mtl.

BEHAVIOR OF PLATINUM ELECTRODES AS REDOX POTENTIAL INDICATORS IN METALLURGICAL SYSTEMS ...Analysis and Detection; Electrochemistry; Infrared Spectroscopy; Metal Processing Wastes; Oxidation; Water Pollutant Identification; ...2.0640

SCRAP AND RECYCLE RESEARCH ...Automotive Application; Mechanism Determination; Oxidation; Photography; ...3.0382

RECOVERY OF HEAVY METALS FROM ELECTRONIC SCRAP ...Industrial Wastes; Waste Water Treatment -general; ...3.0402

RADIATION EFFECTS IN DIELECTRICS ...Films; Ionizing Radiation -see Rad.; Irradiation, Plastics; ...5.0238

COMMUNICATIONS - NUCLEAR RADIATION EFFECTS ON ELECTRONIC COMPONENT MATERIALS AND ELECTRONIC DEVICES ...Electronic Components; Irradiation; ...5.0452

RADIATION EFFECTS IN CROSS-LINKING IN POLYMERIC SYSTEMS ...Irradiation; Ordinance Materials; Packaging Materials; Plastics; Polymerization; ...5.0511

SPECIAL PROBLEMS IN NUCLEAR INSTRUMENTATION AND MEASUREMENT OF W IN GASES ...Alpha Particles, Chemical Mechanism & Kinetics; Ionization Chambers; Kinetic Isotope Effects; Plastics; Radiological Instruments; ...5.0838

Filters - Porous Materials

SELF-ADJUSTING AND SELF-CLEANING FILTER FEASIBILITY STUDY ...Chlorination; Filters-filtration; Materials, Composite; Pollutant Removal; Pressure Effects; Storm Sewer Quantity; ...2.0882

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Flow Characteristics (water), Groundwater Movement; Irrigation Engineering; Recharge Pits - Wells (water); Soil Profile; ...2.1026

MULTILAYER FILTRATION ...Ash-coal Filters; Flocculation; Plastics; Turbidity; ...2.1111

Lubricants and Fluids

DETERGENT DISPERSANT CHARACTERISTICS OF PETROLEUM FUELS ...Additives; Corrosion, Deterioration; Detergents -see Surfactants; Filtration; Petroleum Research; ...2.1033

SYNTHETIC FILLER FOR USE IN HIGHWAY CONSTRUCTION ...Ceramics; Corrosion, Deterioration; Materials -properties; Pavement; Recoverable Materials; ...3.0395

Marine Materials

TOXIC MATERIALS IN NUCLEAR SUBMARINES ...Air Pollution -see Specifics; Air Pollution-chemistry; Degradation; Submarine & Diving Medicine; Toxic Substances; Toxicology; ...1.0888

NAVY ENVIRONMENT CONTROL OF ENVIRONMENTAL FACTORS AFFECTING NAVAL PERSONNEL AND MATERIALS ...Corrosion, Deterioration; Marine Fouling; Marine Plants; ...2.1489

SURVEY OF REFUSE ORIGINATING ABOARD NAVAL VESSELS AT SEA ...Disposal; Incineration; Plastics; Waste Type; ...3.0026

Medical, Dental Materials

OCCUPATIONAL HEALTH HAZARDS OF RUBBER DUST ...Air Pollution -see Specifics; Cercopithecoidea; Elastomers; Occupational Hazards, Toxicology; ...1.0287

MECHANISMS OF LOCAL CARCINOGENESIS - RADIATION, PLASTIC FILMS, AND OTHER AGENTS ...Beta Particles; Canidae; Plastics; Radiation Carcinogenesis; Radiation Sensitivity -man; ...5.0269

INITIAL DEPOSITION OF RADIONUCLIDE-CONTAINING PARTICLES IN THE LUNGS OF BEAGLE DOGS ...Aerosols; Ceramics; Inspection and Control; Yttrium; ...5.0434

Ordinance Materials

LEAD SHOT, ITS SETTLEMENT, OXIDATION, AND AVAILABILITY TO WATERFOWL ...Aquatic Ecology - Animal; Contamination - Water; Corrosion, Deterioration; Lead; Swamps - Marshes; Waterfowl -nonspecific; ...2.0397

RADIATION EFFECTS IN CROSS-LINKING IN POLYMERIC SYSTEMS ...Electrical, Electronic Mtl.; Irradiation; Packaging Materials; Plastics; Polymerization; ...5.0511

Packaging Materials

PACKAGING ...Engineering Mechanics; Farm Produce; Plant Waste Removal, Treatment, Support Services; ...3.0045

DESIGN OF A WATER DISPOSABLE PACKAGING CONTAINER ...Ceramics; Coatings -see Materials; Corrosion, Deterioration; Fluid Mechanics; Materials -properties; ...3.0309

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

MARKET QUALITY OF TABLE GRAPES AS INFLUENCED BY CHEMICALS APPLIED FOR WEED, PEST AND DISEASE CONTROL ...Dbtce; Food Engineering & Technology; Moisture; Pesticide Organoleptic Prop.; Pesticides -other; Plastics; ...4.0226

RADIATION EFFECTS IN CROSS-LINKING IN POLYMERIC SYSTEMS ...Electrical, Electronic Mtl.; Irradiation; Ordinance Materials; Plastics; Polymerization; ...5.0511

Protective Materials

Biological

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides fnonspecific; Coatings -see Materials; Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Plastics; Water Distribution Systems; ...2.0977

Fire

MULTI-PURPOSE UTILIZATION OF HARDWOOD BARK THROUGH CHEMICAL MODIFICATION ...Air Pollution; Construction Materials; Forest Debris; Materials -properties; Materials, Composite; Product Development Research; ...3.0370

Irradiation

RADON PROGENY EXPOSURE CONTROL IN BUILDINGS ...Building Design; Construction Materials; Radiation Injury Prevention; Radioactive Isotopes; Radon; Respiratory Irritants, Inhaled; ...5.0803

PRACTICAL HIGH SENSITIVITY THERMOLUMINESCENT DOSIMETRY ...Dosimeters -see Dosimetry; Dosimetry, Ionizing Radiation -see Rad.; Plastics; Scintillation, Twinkle; X and Gamma Rays; ...5.0831

Moisture

MARKET QUALITY OF TABLE GRAPES AS INFLUENCED BY CHEMICALS APPLIED FOR WEED, PEST AND DISEASE CONTROL ...Dbtce; Food Engineering & Technology; Packaging Materials; Pesticide Organoleptic Prop.; Pesticides -other; Plastics; ...4.0226

Optical

INVESTIGATION OF LIGHT SENSITIVE MATERIALS FOR FLASH BLINDNESS PROTECTION ...Index of Refraction; Materials -properties; Radiation -see Specifics, Transmission; ...5.0393

Refractory

REFRACTORY ADSORPTION ON CHEMCOKE ...Adsorption, Coal Research, Synthetic, Substitute Mtl., Waste Water Treatment -general; ...2.0947

DEVELOPING NEW USES FOR MILLING RESIDUES ...Acid Mine Wastes; Metal Processing Wastes; Solid Waste; Waste Material Recovery; ...3.0328

Thermal

CONSULTATION AND ADVISORY SERVICES FOR ROCKET-BORNE CRYOGENIC WHOLE AIR SAMPLER ...Air Pollution Sampling; Analytical Instruments; Consultants, Advisory Services; Heat Transmission; Temperature Effects; ...1.0684

SOLID WASTE RESEARCH UTILIZATION OF WASTE GLASS FROM MUNICIPAL REFUSE ...Ceramics; Coatings -see Materials; Incineration; Recoverable Materials; ...3.0360

Sealants -see Coatings

USE OF GEL MATERIAL FOR SEALING DEEP MINE OPENINGS ...Catalysts; Ceramics; Combustion; Plastics; Polymerization; ...2.0347

PREVENTING LANDFILL LEACHATE CONTAMINATION OF WATER ...Leaching, Linings - Pavings; Rain Amount; Sanitary Landfills; Temperature; Water Table; ...2.1282

DEVELOPMENT AND DEMONSTRATION OF MATERIALS TO REDUCE OR ELIMINATE WATER INFILTRATION INTO SEWERAGE ...Costs -see Economics Entries; Groundwater Movement; Infiltration; Materials -properties; Sanitary Sewage Quantity; Waste Dilution- Self Purifying; ...2.1433

Tank, Pressure Vessel Mtl.

WASTE TREATMENT FOR AN INDIVIDUAL HOME WITH REUSE OF THE WATER ...Aeration (water); Filters-filtration; Flushing Devices; Materials, Composite; Recycle Water; Small Sanitation Unit; ...3.0139

Mathematical Analysis

HYBRID 14-COMPUTER OPTIMIZATION OF DISTRIBUTED PARAMETER SYSTEMS ...Communication Systems-other; Prediction; Rapid Transit; Stochastic Processes; Urban Research - general; ...1.0008

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution; Circulation - Patterns; Forecasting - Prediction; Mesometeorology; Prediction; Statistics; Urban Environment; Weather Modification; ...1.0022

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Air Pollution Sampling; Atmospheric Dynamics; Energy Conversion, Gases; Particulates - Air Pollution; Smoke; Turbulence; ...1.0091

COMPLETE THE ENGLAND SMOKESHADE - U.S. PARTICULATE COMPARISON STUDY ...Air Pollution -see Specifics; British Isles; Particulates - Air Pollution; Statistics; ...1.0101

PLANETARY BOUNDARY LAYER STUDIES ...Balloons; Computer Models; Heat Exchange; Temperature; Urban Research - general; ...1.0143

ENGINEERING COMPUTATION AND FORECASTING ...Air Pollution; Air Pollution Monitoring; Information Systems; Statistics; ...1.0459

THE TRANSIENT BEHAVIOR OF RECHARGE-DISCHARGE AREAS IN REGIONAL GROUND WATER SYSTEMS ...Aquifers; Groundwater Basins; Industrial Wastes; Recharge (water); Water Pollution Sources; ...2.0173

A SYSTEMS ANALYSIS OF WATER AND NUTRIENT FLOWS IN THE LAKE WINGRA BASIN ...Computer Models; Eutrophication; Nutrients; Simulation Theory; Systems Analysis; Water Cycle; ...2.0444

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Economic Theory; Hydrographs; Prediction; Rural Areas; Storm Sewer Quantity; Urban Research - general; ...2.0619

ANALYTICAL PHYSICAL MODEL ...Bays; Biological Water Properties; Marine Pollution; Mathematical Models; Physical Models; Rhode Island; Thermodynamics; ...2.0777

DISPERSION OF CONTAMINANTS IN JOINTED ROCK ...Dispersion (water); Flow Characteristics (water); Injection Wells; Physical Models; Seepage (water); Waste Disposal, Underground; Water Quality Control -general; ...2.1004

DISPERSION DURING FLOW IN HETEROGENEOUS POROUS MEDIA ...Data Reduction and Analysis; Fluid Mechanics; Groundwater Movement; Isotope Tracer -see Tracers; Model Studies; Seepage (water); Water Pollutants - Path of; ...2.1014

COMPUTE SIMULATION OF DIFFUSION STUDIES ...Computer Models; Differential Equations; Fluid Mechanics; Monte Carlo Methods; Water Quality -general; ...2.1066

HEAT AND MOISTURE CONDUCTION IN UNSATURATED SOILS ...Atomic Plants; Energy Conversion; Mathematical Models, Saturated - Unsaturated Soils; Soil Thermal Properties; Thermal Pollution; ...2.1160

PROCESS CONTROL MODEL FOR OXYGEN REGENERATION OF POLLUTED RIVERS ...Aeration (water); Benefit-cost Analysis, Information Control Theory; Model Studies; Systems Analysis - Water Mgmt; ...2.1335

WATER RESOURCE SYSTEM OPTIMIZATION BY GEOMETRIC PROGRAMMING ...Channels; Economic Theory; Optimization Technique; Optimization, Economic; Pipelines; Process Design; ...2.1426

EVALUATION OF GROUNDWATER RESOURCES, LIVERMORE VALLEY, CALIFORNIA ...California; Flow Characteristics (water); Management (water); Model Studies; Soil Tillage; Water Quality -general; ...2.1789

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact, Estuaries; Forecasting - Prediction; Mollusca; Plankton Sampling, River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

ENVIRONMENTAL SYSTEMS PROGRAM ...Administration and Management, Environmental Hazards; Fiscal Analysis -general; Political Processes & Systems; Urban Research -general; Waste Disposal-see Solid Waste; ...3.0173

DESIGN OF WASTE TREATMENT FACILITIES BY COMPUTER ...Computer Languages; Economic Theory; Process Design; Sanitary Sewage Quantity, Sewage Treatment Plant; Sewer Systems; ...3.0231

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon; Mathematical Models; Pesticide Degradation -see Deg. Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0081

LOCALIZATION OF LOW CONCENTRATIONS OF GAMMA RAY EMITTERS IN MAN ...Scintillation Counting; Scintillation, Twinkle; Solids; Transmission; ...5.0825

THE MODULATION TRANSFER FUNCTION OF X-RAY SYSTEMS ...X and Gamma Rays; ...5.0850

THEORETICAL ASPECTS OF MICRODOSIMETRY ...Cybernetics; Distributions; Dosimetry; Models (physical) of Anim.&man; Radiation Penetration; ...5.0869

Mathematical Models

ENERGY, AIR QUALITY, AND THE SYSTEMS APPROACH ...Air Pollution; Benefit-cost Analysis; Generators; Particulates - Air Pollution; ...1.0034

ARAP MODEL ...Atmospheric Dynamics; Model Studies; ...1.0077

DEVELOPING TIME-CONCENTRATION MATHEMATICAL MODEL FOR VARIOUS POLLUTANTS ...Atmospheric Dynamics; Distributions; ...1.0107

ATMOSPHERIC TURBIDITY AND DIFFUSION ...Air Pollution; Boundary Layer Studies; Diffusion; Heat Exchange; Temperature; Wind; ...1.0328

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0433

A MODEL FOR AIR POLLUTION CONTROL ...Air Pollution; Air Pollution-chemistry; Economic Theory; Gases; Model Studies; Particulates - Air Pollution; Weather Data; ...1.0551

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Disturbance; Erosion; Iowa; Location; Methods; Sediment Yield; Sediments; Soil Chemical Properties; ...2.0145

MODELING AND OPTIMIZATION OF THERMAL POLLUTION CONTROL SYSTEMS ...Computer Models; Electric Power Plants; Forecasting - Prediction; Thermal Pollution; ...2.0157

THRESHOLD ODOR DETERMINATIONS OF WATER SAMPLES FROM THE LOWER MISSISSIPPI RIVER ...Chemical Analysis (water); Chemical Water Properties; Mississippi River; Potable Water; Taste & Odor of Water; Water Pollutant Identification; Water Quality -general; ...2.0163

HYDRODYNAMICS AND DISCHARGE MEASUREMENTS OF STORM SEWERS ...Fluid Mechanics; Soil Tillage; Storm Sewer Quantity; Urban Environment; ...2.0249

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL ...Computer Methods -general; Contamination; Development of Models; Forecasting - Prediction; Land Use; Model Studies; Waste Disposal on Soils; Water Quality Control -general; ...2.0343

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control; Flood Routing; Forecasting - Prediction; Land Use; Rain Amount; Sediment Yield; Texas; ...2.0388

OCEAN CIRCULATION ...Air Pollution; Atlantic Ocean; Marine Environments; Model Studies; Ocean Currents; Ocean Turbulence; Temperature; ...2.0508

DIGITAL COMPUTER MODELING OF LIMESTONE GROUNDWATER SYSTEMS ...Aquifers; Computer Models; Forecasting - Prediction; Groundwater Basins; Limestone-general; Water Pollutants - Path of; Water Wells; ...2.0601

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

AUTOMATED FORECAST PROCEDURES FOR RIVER QUALITY MANAGEMENT ...Automatic Data Aquisition; Forecasting - Prediction; Ohio River; Storm Water; Water Quality -general; ...2.0714

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Data Reduction and Analysis; Estuaries; Radioactivity; Streams; Tides; Water Pollution Sources; ...2.0749

ANALYTICAL PHYSICAL MODEL ...Bays; Biological Water Properties; Marine Pollution; Mathematical Analysis; Physical Models; Rhode Island; Thermodynamics; ...2.0777

WIND EFFECTS ON THE DISPERSION OF PARTICULATE POLLUTANTS IN TURBULENT OPEN-CHANNEL FLOW ...Dispersion (water); Water Pollutants - Path of; Wind; ...2.0982

THE DIFFUSION COEFFICIENT IN OPEN CHANNEL FLOW ...Channel Geometry; Dispersion (water); Fluid Mechanics; Flume Studies; Sedimentation; Streams; ...2.1028

MATHEMATICAL MODEL OF STORM AND SANITARY INTERCEPTOR SYSTEM ...Flow Regulations; Mississippi River; Rainfall - Runoff Relationship; Sewer Interceptor Station; Storm Sewer Quantity; Storm Water; ...2.1048

COMPUTE SIMULATION OF DIFFUSION STUDIES ...Computer Models; Differential Equations; Fluid Mechanics; Mathematical Analysis; Monte Carlo Methods; Water Quality -general; ...2.1066

DISCHARGE OF NEGATIVELY BUOYANT FLUIDS ...Data Networks; Density; Energy Conversion; Fluid Mechanics; Stratification (water); ...2.1101

UNSTEADY FLOW AND SALINE INTRUSION IN ESTUARIES ...Channels, Development of Models; Digital Computer Applications; Estuaries; Fluid Mechanics; Model Studies; Saline Water Intrusion; ...2.1116

UTILIZATION OF PHYSICAL AND MATHEMATICAL MODELS IN ESTUARINE WATER RESOURCES RESEARCH AND MANAGEMENT ...Analog Computer Applications; Dispersion (water); Estuaries; Management (water); Tides; ...2.1122

MODELING OF VENTED HYDROTURBINE REAERATION ...Aeration (water); Energy Conversion; Fluid Mechanics; Pumps; Reservoirs and Impoundments; Turbines; ...2.1134

EXPERIMENTAL OPTIMIZATION OF STEP AERATION WASTE TREATMENT SYSTEMS ...Aeration (water); Development of Models; Optimization, Economic; Systems Analysis - Water Mgmt; ...2.1276

THE MECHANICS OF SEDIMENT REMOVAL FROM ALLUVIAL STREAMS ...Design Criteria; Fluid Mechanics; Flume Studies; Sedimentation; Water Control Works -general; ...2.1280

THE USE OF ANAEROBIC FILTERS FOR THE RENOVATION OF ACIDIC WASTEWATERS ...Acid Mine Wastes, Acidity (water); Anaerobic Wastewater Treatment; Filtration; Organic Matter; Organics; Waste Water Treatment -general; ...2.1323

COORDINATED MANAGEMENT AND DESIGN OF METROPOLITAN AREA WATER SUPPLY AND WASTE WATER DISPOSAL NETWORKS - A LINKED SYSTEMS ANALYSIS ...Management (water); Model Studies; Optimization, Economic; Sewer Systems; Systems Analysis - Water Mgmt; Urban Research -general; Water Distribution Systems; ...2.1349

CARBON COLUMN OPERATION IN WATER TREATMENT ...Carbon; Cellular Physiology- Env. Eff.; Filtration; Macroorganisms -nonspecific; Total Organic Carbon; Waste Water Treatment -general; ...2.1357

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ...Chelation & Complexing; Colloidal Phenomena; Filtration; Fluid Mechanics; New England Province; Rhode Island; Sedimentation; ...2.1411

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Recreation, Water Resources; Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ...Building Design; Coastlines - Shorelines, Economic Planning; Planning; Regional Economics; Urban Planning; Water Quality -general; ...3.0084

COMPUTER SIMULATION AND DESIGN OF TREATMENT INSTALLATIONS FOR DOMESTIC ...Process Design; Sewage - Domestic; Simulation Theory; Waste Treatment Economics; Water Quality Control -general; ...3.0088

PERFORMANCE OF THE INCLINED-PLANE TRICKLING FILTER FOR AEROBIC DISPOSAL OF ANIMAL WASTE ...Animal Wastes - Feed Lots; Farm Animal Wastes; Filtration; Model Studies; Trickling Filters; ...3.0112

OPTIMIZATION TECHNIQUES FOR AGRICULTURAL PROBLEMS ...Computer Languages; Farm Animal Wastes; Optimization Technique; Simulation Theory; Systems Analysis; ...3.0146

PESTICIDE MOBILITY AND DEGRADATION IN SOIL WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides - other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon; Mathematical Analysis; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0081

CONSULTING IN APPLIED MATHEMATICS AND STATISTICS ...Chemical Carcinogenesis; Consultants, Advisory Services; Epidemiology; Pesticide Toxicity in Humans; Statistics; ...4.0647

RADIOLOGICAL PHYSICS ...Dosimetry; Ionizing Radiation -see Rad.; Mercury; Protons; Radiation Effects - Biological; ...5.0113

CONCRETE BASE FOR RAILWAY TRACKS ...Engineering Mechanics; Noise; Pavement; Railroads -see Transportation; Structural Mechanics; Tunnels; ...6.0043

Development of Models

ECONOMIC EVALUATION OF ALTERNATIVE POLICIES FOR AIR RESOURCE MANAGEMENT ...Air Pollution -see Specifics; Costs -see Economics Entries; Government -see Federal Gov.; Mathematical Models; Urban Research -general; ...1.0443

DEVELOPMENT OF A MATHEMATICAL MODEL TO PREDICT THE ROLE OF SURFACE RUNOFF AND GROUND WATER FLOW IN OVERFERTILIZATION OF SURFACE WATERS ...Agricultural Runoff; Eutrophication; Groundwater; Mathematical Models; Minnesota; Phosphorus and Phosphorus Cpds; Water Balance - Budget; ...2.0208

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL ...Computer Methods -general; Contamination; Forecasting - Prediction; Land Use; Mathematical Models; Model Studies; Waste Disposal on Soils; Water Quality Control -general; ...2.0343

HYBRID COMPUTER SIMULATION OF GROUND-WATER BASINS ...California; Computer Models; Data Networks; Groundwater; Simulation Theory; Training Grants, Fellowships; Water Quality Control -general; ...2.0492

TEMPERATURE DISTRIBUTIONS RESULTING FROM COOLING WATER DISCHARGES ...Energy Conversion; Mathematical Models; Power Reservoirs; Streams; Thermal Pollution; ...2.0805

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Computer Models; Cybernetics; Land Use; River Basins; Urban Environment; Urban Research -general; Watersheds; ...2.0822

HORIZONTAL DISPERSION IN SHALLOW ESTUARIES OF IRREGULAR SHAPE ...Circulation (water); Dispersion (water); Estuaries; Gulf of Mexico; Model Studies; Ocean Circulation - general; Water Quality -general; ...2.1107

UNSTEADY FLOW AND SALINE INTRUSION IN ESTUARIES ...Channels; Digital Computer Applications; Estuaries; Fluid Mechanics; Mathematical Models; Model Studies; Saline Water Intrusion; ...2.1116

AMMONIA STRIPPING MATHEMATICAL MODEL FOR WASTE WATER TREATMENT ...Aeration (water); Computer Languages; Finance -see Economics Entries; Mathematical Models; Model Studies; Precipitation; Waste Treatment Economics; ...2.1246

EXPERIMENTAL OPTIMIZATION OF STEP AERATION WASTE TREATMENT SYSTEMS ...Aeration (water); Mathematical Models; Optimization, Economic Systems Analysis - Water Mgmt; ...2.1276

SIMULATION MODELING OF THERMAL EFFECTS ON SELECTED RIVER SYSTEMS ...Atomic Plants; Energy Conversion; Illinois River; Model Studies; River Basins; Water Pollution Effects; ...2.1754

FORMULATION OF A GENERAL MATHEMATICAL MODEL FOR THE PREDICTION OF THERMAL ENERGY CHANGES IN IMPOUNDMENTS ...Climatology; Hydraulics; Reservoirs and Impoundments; Water - Alternative Uses; ...2.1798

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition, Industrial Wastes; Model Studies; Optimization, Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Confidence Intervals; Digital Computer Applications; Hudson River; Monte Carlo Methods; Optimization Technique; River Basins; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow, Consumption; Floods; Land Use; Mathematical Models; Recreation, Water Resources; Statistical Models; Urban Research; ...2.1904

COMPREHENSIVE STUDIES OF SOLID WASTES MANAGEMENT ...Disposal; Economic Studies -general; Land Use; Public Utilities; Regional Or State Studies; Solid Waste; ...3.0066

MASS TRANSFER AND CHEMICAL REACTION IN TWO-PHASE FLOW ...Aeration (water); Fluid Mechanics; Model Studies; Pipe; Sewer Systems; Waste Water Treatment -general; ...3.0100

DEVELOPMENT OF MATHEMATICAL MODEL OF SEWAGE SLUDGE FLUIDIZED BED INCINERATORS ...Burning; Fluidized Bed Reactor; Model Studies; ...3.0125

THERMOPHILIC AEROBIC PROCESS FOR WASTE TREATMENT ...Activated; Aerobic Waste Water Treatment; Mathematical Models; Process Design; Thermophilic Bacteria; Waste Water Treatment -general; ...3.0308

A MATHEMATICAL MODEL FOR THE FINAL CLARIFIER OF AN ACTIVATED SLUDGE PROCESS ...Activated; Economic Theory; Effluents - Waste Water; Model Studies; Thickening; ...3.0354

Modification of Models

DISPERSION DURING FLOW IN HETEROGENEOUS POROUS MEDIA ...Data Reduction and Analysis; Fluid Mechanics; Groundwater Movement; Isotope Tracer -see Tracers; Model Studies; Seepage (water); Water Pollutants - Path of; ...2.1014

TRANSIENT LOADING EFFECTS IN THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Organics; Results of Models; Sedimentation; Waste Management -see Specific; Waste Water Degradation; ...3.0067

Prediction Models

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution; Circulation - Patterns; Forecasting - Prediction; Mesometeorology; Prediction; Statistics; Urban Environment; Weather Modification; ...1.0022

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Sampling; Types of Resources; Urban Research -general; Water Pollution Sources; ...2.0479

WATER QUALITY MODELING AND PREDICTION ...Dynamic Control System; Economic Theory; Filters-filtration; Forecasting - Prediction; Model Studies; Water Pollutants - Path of; ...2.0594

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Computer Models; Cybernetics; Development of Models; Land Use; River Basins; Urban Environment; Urban Research -general; Watersheds; ...2.0822

Results of Models

TRANSIENT LOADING EFFECTS IN THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Modification of Models; Organics; Sedimentation; Waste Management -see Specific; Waste Water Degradation; ...3.0067

Statistical Models

APPLICATION OF STOCHASTIC TECHNIQUES TO WATER QUALITY DATA ANALYSIS ...Data Reduction and Analysis; Mathematical Models; Simulation Theory; Stochastic Processes; Water Quality -general; ...2.0809

DISPERSION DURING FLOW IN HETEROGENEOUS POROUS MEDIA ...Data Reduction and Analysis; Fluid Mechanics; Groundwater Movement; Isotope Tracer -see Tracers; Model Studies; Seepage (water); Water Pollutants - Path of; ...2.1014

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Consumption; Development of Models; Floods; Land Use; Mathematical Models; Recreation, Water Resources; Urban Research; ...2.1904

Stochastic Models

WATER POLLUTION ...Estuaries; Mathematical Models; Stochastic Processes; Water Quality -general; ...2.0831

PERFORMANCE OF REGIONALLY RELATED TREATMENT PLANTS ...Effluent-standards; Mathematical Models; Process Design; Sewer Systems; Stochastic Processes; ...2.1821

STOCHASTIC MODELS FOR WATER RESOURCES MANAGEMENT ...Economic Theory; Management (water); River Basins; Water Allocation; Water Resources Planning; Water Supply Augmentation; ...2.1879

Testing of Models

AUTOMATED FORECAST PROCEDURES FOR RIVER QUALITY MANAGEMENT ...Automatic Data Aquisition; Forecasting - Prediction; Mathematical Models; Ohio River; Storm Water; Water Quality -general; ...2.0714

MASS TRANSFER AND CHEMICAL REACTION IN TWO-PHASE FLOW ...Aeration (water); Fluid Mechanics; Model Studies; Pipe; Sewer Systems; Waste Water Treatment -general; ...3.0100

Medical Physics

A MODEL OF MUCOCILIARY FUNCTION AND VISCOELASTICITY ...Air Pollution -see Specifics; Mammals - nonspecific; ...1.0223

PULMONARY DEPOSITION AND CLEARANCE OF DUST IN MAN ...Air Pollution -see Specifics; Digestive System - Human; Dust; Equidae; Respiratory Irritants, Inhaled; Tobacco -cigarettes; Urban Environment; ...1.0230

ENERGY LOSS CHARACTERISTICS OF RADIATION IN MATTER ...Alpha Particles; Radiation Chemistry -biophys.; Vertebrates Excl. Man; ...5.0552

Acoustics

MECHANISMS OF NOISE GENERATION, PROPAGATION AND RECEPTION AS RELATED TO AIR FORCE BIOACOUSTIC PROBLEMS ...Aircraft; Aviation Medicine; Communication, Noise; Sensory & Perceptual Processes; Sound Attenuation Acoustics; ...6.0011

COMMUNICATIONS--FUNDAMENTAL INFORMATION TO GUIDE THE DESIGN OF NAVY AUDITORY DISPLAYS ...Auditory Physiology; Military Personnel; ...6.0072

PERSONNEL TECHNOLOGY - NAS/NRC ADVISORY SERVICES ON OPERATIONAL PROBLEMS OF VISION AND HEARING ...Aviation Medicine; Consultants, Advisory Services; Military Personnel; Pilots; Vibrations, -bioeffects; ...6.0077

ELECTRICAL AND ACOUSTICAL STUDIES OF CELLS ...Bacteria -nonspecific; Bacterial Studies -general; Cell Membrane Permeability; Ionic Effect; Permeability; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0098

RESEARCH INTO ACOUSTIC MEASUREMENTS, HEARING AND PSYCHOACOUSTICS, AND THE INVESTIGATION OF VARIOUS NOISE PROBLEMS, INCLUDING MOTOR VEHICLES ...Auditory Physiology; Automobile & Components; Automobiles; Noise; Noise Abatement; Sensory & Perceptual Processes; ...6.0115

STUDY OF THERMAL EFFECTS DUE TO PROPAGATION OF SOUND WAVES IN TISSUES ...Heat Transfer; Mammals -nonspecific; Mathematical Models; Temperature - Human Body; Ultrasonic -bioeffects; ...6.0119

Central Nervous System Physics

Bioelectric Phenomena

PESTICIDE INDUCED MODIFICATION OF BEHAVIORAL AND BIOELECTRIC RESPONSES TO EXTERNAL STIMULI ...Behavior -vertebrate; Farm Safety -see Safety; Laboratory Animals; Pesticide Action on Animals; Psychology; ...4.0815

ELECTROPHYSIOLOGICAL AND BIOCHEMICAL STUDIES OF THE EFFECTS OF RADIATION ON BRAIN ACTIVITY AND DEVELOPMENT ...Developmental Physiology; Muridae; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0120

Heat Transfer

STUDY OF THERMAL EFFECTS DUE TO PROPAGATION OF SOUND WAVES IN TISSUES ...Acoustics; Mammals -nonspecific; Mathematical Models; Temperature - Human Body; Ultrasonic -bioeffects; ...6.0119

Models (physical) of Anim.&man

BIOENGINEERING ASPECTS OF AIR POLLUTION ...Aerosols ; Air Pollution -see Specifics; Respiratory Irritants, Inhaled; Smog -see Air Pollution; Smoke; Tobacco -cigarettes; ...1.0677

HIGH FREQUENCY ELECTROMAGNETIC HAZARD MEASUREMENTS ...Biological Dosimetry; Dosimeters -see Dosimetry; Electromagnetic Field; Instrumentation; Monkey; Radiation Sources -general; ...5.0800

DOSIMETRY ...Americum; Fast Neutrons; Ionizing Radiation -see Rad.; Muridae; Plutonium; Radiation Penetration; X and Gamma Rays; ...5.0830

THEORETICAL ASPECTS OF MICRODOSIMETRY ...Cybernetics; Distributions; Dosimetry; Mathematical Analysis; Radiation Penetration; ...5.0869

BIOLOGICAL AND CLINICAL DOSIMETRY ...Atomic Particle Accelerators; Dosimetry; Fast Neutrons; Monitors and Automatic; Neutron Detectors, ...5.0872

RELATIONSHIP BETWEEN THE PHYSICAL PROPERTIES OF INHALED AEROSOLS AND RESPIRATORY DEPOSITION ...Aerosols; Miners; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; Radium; Respiratory Irritants, Inhaled; ...5.0874

IN-VIVO NEUTRON ACTIVATION ...Americum; Calcium; Chlorine; Fast Neutrons; Iodine; Neutron Generator; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Radiation, Whole Body; ...5.0896

RESPIRATORY TRACT DOSE MODEL FOR URANIUM MINERS ...Alpha Particles; Mathematical Models; Radon; Respiratory Irritants, Inhaled; ...5.0904

RADIATION DOSIMETRY RESEARCH ...Alpha Particles; Detectors and Sensors; Fast Neutrons; Human Developmental Biology; Radiation Carcinogenesis; Radiologic Health; X and Gamma Rays; ...5.0924

WHOLE BODY RETENTION AND DISTRIBUTION MEASUREMENT OF RADIOISOTOPES IN MAN ...Cobalt; Computer Methods -general; Information Systems; Iodine; Strontium; ...5.0943

SPECULATED RISK TO BONE AND LIVER FROM 239PU ...Canidae; Digestive System - Human; Occupational Hazards; Plutonium; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0953

Monitoring Devices

INSTRUMENT DEVELOPMENT AND EVALUATION FOR PARTICULATES ...Air Pollution Monitoring; Particulates - Air Pollution; Respiratory Irritants, Inhaled; ...1.0803

DEVELOPMENT OF AIR SAMPLING METHODOLOGY ...Air Pollution -see Specifics; Air Pollution-chemistry; Biochemical Analysis - Tissues; Computer Methods -general; Coulometry; Electrochemistry; Gas Chromatography; ...1.0830

FALLOUT CESIUM-137 IN A NORMAL POPULATION ...Cesium; Food Contamination; Gamma Spectroscopy; Metabolism and Biochemistry; Potassium; Radiologic Health; Whole Body; ...5.0462

RESEARCH WITHIN THE FRAMEWORK OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY ...Accident; Dosimetry; Instrumentation; Neutron -see Radiation; Radiation Instruments; Radiologic Health; ...5.0839

NUCLEAR MEDICINE AND SCANNING - INSTRUMENTATION ...Computer Methods -general; Monitors and Automatic; Photography; Radiation, Whole Body; Whole Body; X and Gamma Rays; ...5.0923

Medical, Professional

CURRENT TRENDS IN SURVIVORSHIP OF RADIOLOGISTS ...Aging; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; ...5.0351

Mediterranean Sea

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

RADIOACTIVE CONTAMINATION IN MARINE ENVIRONMENT AND BIOTA IN THE BASIN OF THE MEDITERRANEAN SEA ...Contamination - Water; Israel; Marine Biology - General; Radioactivity; ...2.0152

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Atlantic Ocean; Contamination - Water; Italy; Marine Environments; Plankton; Radioactivity; Radioecology - Plants; Trace Elements; ...2.0154

PHYSICO-CHEMICAL PROCESSES AND IONIC STATES OF MICROCONSTITUENTS IN SEA WATER AND THEIR RELATION TO RADIOECOLOGY OF NORTH ADRIATIC ...Chelation & Complexing; Kinetics; Marine Environments; Radioactivity; Sea Water Chemistry; Water Chemistry; ...2.0460

Meetings

WORKSHOP ON GLOBAL ECOLOGICAL PROBLEMS ...Plant Ecology -nonspecific; ...1.0049

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Com-

bustion Air Pollution-gen; Gases; Macrometeorology; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics; ...1.0061

THIRTEENTH INTERNATIONAL SYMPOSIUM ON COMBUSTION ...Chemical Mechanisms & Kinetics; Combustion; Fluid Mechanics; Propellants; ...1.0131

AIR POLLUTION MEDICAL RESEARCH CONFERENCE ...Air Pollution -see Specifics; ...1.0197

ALABAMA ENVIRONMENTAL STUDY-CONFERENCE PROJECT ...Air Pollution; Government -see Federal Gov.; Planning; Water Conservation -general; Water Quality -general; ...1.0475

FOR SEMINARS AND STUDIES ON ENVIRONMENTAL ARTS AND SCIENCES, POPULATION GROWTH, URBANIZATION, POLLUTION, AND RELATED SUBJECTS ...Air Pollution -see Specifics; Environment; Environmental Geology; Technology - Social Impact; Urban Research; Water Quality -general; ...1.0478

DYNAMIC PROCESSES ...Aerosols; Chemical Composition; Geophysical Analysis; Monitoring; Turbulence; ...1.0479

THE THEORY OF MAN-ENVIRONMENT RELATIONSHIPS ...Air Pollution; Colorado; Weather Modification; ...1.0480

COLLOQUIUM OF INTERNATIONAL AIR POLLUTION SCIENTISTS ...Air Pollution; Air Pollution -see Specifics; Technology - Social Impact; ...1.0496

SECOND INTERNATIONAL CLEAN AIR CONGRESS, INTERNATIONAL UNION OF AIR POLLUTION PREVENTION ASSOCIATIONS, WASHINGTON, D.C. (ABBREV) ...Air Pollution -see Specifics; ...1.0532

CONTROL TECHNIQUES FOR ASBESTOS EMISSIONS ...Air Pollution; Asbestos; ...1.0605

CONTROL TECHNIQUES FOR BERYLLIUM EMISSIONS ...Air Pollution-chemistry; ...1.0610

STUDIES PREPARATORY TO GLOBAL ENVIRONMENTAL MONITORING ...Air Pollution Monitoring; Environmental Geology; Monitoring; Water Pollution Abatement; Water Quality - general; ...1.0717

FIELD INVESTIGATION IN A NEW ABATEMENT CASE ...Air Pollution Effects; Air Pollution Monitoring; Air Pollution-chemistry; ...1.0826

WORKSHOP ON EFFECTS OF ATOMIC RADIATION ON OCEANOGRAPHY ...Environmental Hazards; Marine Environments; Radioactive Fallout; Sea Water Chemistry; ...2.0091

CONFERENCE ON POLLUTION OF ESTUARIES ...Estuaries; Mans Pollutional Activities; Water Quality -general; Water Quality Control -general; ...2.0672

WATER PURIFICATION BY LARGE-SCALE ELECTROPHORESIS ...Air Pollution-chemistry; Bacteriophage; Electrophoresis; Membranes; Sewage Bacteria; ...2.0872

NATIONAL SYMPOSIUM ON THERMAL POLLUTION ...Electric Power Plants; Energy Conversion, Management (water); Thermal Pollution; ...2.1100

BOTANICAL RESEARCH - ENVIRONMENTAL GEOCHEMISTRY IN RELATION TO HEALTH AND DISEASE ...Committee Support; Geochemical Investigations; Health & Geographic Factors; Lead; Soil Chemistry; ...2.1505

WORKSHOP ON RESEARCH PROBLEMS IN AIR AND WATER POLLUTION ...Air Pollution Effects; Eutrophication; Thermal Pollution; Upper Atmospheric Chemistry; Water Pollution Effects; ...2.1800

PLANNING AND SPECIAL STUDIES ...Aeration (water); Nitrogen and Nitrogen Cpds.; Toxic Minerals; Water Quality - general; Water Resources Planning; ...2.1802

CITIZEN WORKSHOPS ON CLEAN WATER FOR AMERICA ...Community - Social Studies; Government -see Federal Gov.; Water Quality -general; ...2.1822

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Rainfall - Runoff Relationship; Sheet Erosion, Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

COORDINATING THE EFFORTS OF PARTICIPATING AGENCIES IN A STUDY OF ENVIRONMENTAL EFFECTS OF WARM-WATER DISCHARGES INTO THE MISSOURI RIVER ...Biological Effects; Environment; Management (water); Missouri River; Thermal Pollution; ...2.1865

PROGRAM PLANNING ON ACTIVITIES OF AGENCIES OF CONCERN TO PUBLIC WATERS ...Biological Water Properties; Fish & Shellfish Biology; Vermont; Water Resources Planning; ...2.1923

ROADSIDE LITTER COMPOSITION ...Collection; Waste Type; ...3.0104

COMMUNITY ACTION PROGRAM FOR SOLID WASTES MANAGEMENT ...Solid Waste Management; ...3.0105

NATIONAL CONFERENCE ON SOLID WASTES DISPOSAL SITES ...Disposal; Federal Government -see Gov.; Government - see Federal Gov.; Management (water); Sanitary Landfills; Urban Environment; Waste Disposal-see Solid Waste; ...3.0120

RESEARCH ON ARTHROPOD-BORNE DISEASES - II ...Genetic Resistance; Insecticides -nonspecific; Pesticide Toxicity in Humans; Physiological Resistance; Sanitation; Toxicology; ...4.0848

EFFECT OF URANIUM ON THE TRACHEOBRONCHIAL TREE ...Colorado; Occupational Hazards; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0423

U.S. PARTICIPATION IN FOURTH INTERNATIONAL CONGRESS OF RADIATION RESEARCH ...Cancer; Radiation Effects - Biological; ...5.0807

Membranes

MEASUREMENT OF OZONE CONCENTRATIONS IN THE ATMOSPHERE ...Air Pollution -see Specifics; Air Pollution Analysis; Air Pollution-chemistry; Gases; ...1.0747

OPERATE A SPECIAL PARTICULATE NETWORK UTILIZING MEMBRANE FILTER SAMPLERS ...Air Pollution -see Specifics; Air Pollution Sampling; Air Pollution-chemistry; Asbestos; Automatic Weather Stations; Particulates - Air Pollution; Trace Elements; ...1.0771

WEIGH AND COMPUTE CONCENTRATION OF SUSPENDED PARTICULATE MATTER IN SAMPLES COLLECTED BY THE NASN ...Air Pollution Analysis; Air Pollution-chemistry; Filtration; Temperature; ...1.0824

WATER PURIFICATION BY LARGE-SCALE ELECTROPHORESIS ...Air Pollution-chemistry; Bacteriophage; Electrophoresis; Sewage Bacteria; ...2.0872

ELECTROMEMBRANE PROCESS FOR REGENERATING ACID FROM SPENT PICKLE LIQUOR ...Electrochemistry; Metal Processing Wastes; Waste Material Recovery; Waste Treatment Economics; ...2.1143

RENOVATION OF MUNICIPAL WASTEWATER BY REVERSE OSMOSIS SYSTEMS ...Depolymerization; Model Studies; Process Design, Reverse Osmosis; Urban Environment; ...2.1175

WATER TREATMENT BY REVERSE OSMOSIS METHOD ...Economic Efficiency; Fresh Water; Pilot Plants; Reverse Osmosis; Waste Water Treatment -general; Water Reuse; ...2.1195

MICROBIAL INTERACTIONS IN WASTE TREATMENT SYSTEMS ...Anaerobic Wastewater Treatment; Bacterial Studies -general; Fermentation; Methane Bacteria -nonspecific; Waste Digestion; Waste Water Treatment -general; ...2.1266

REVERSE OSMOSIS TREATMENT OF WASTEWATERS ...Coagulation; Electrochemistry; Organic Waste -see Waste Treat. Organics, Reverse Osmosis; Sewage - Domestic, Waste Water Treatment -general; ...2.1294

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL--SOLIDS SEPARATION BY CHEMICAL TREATMENT AND FILTRATION ...Ash-coal Filters; Colloidal Phenomena; Fluid Mechanics; Sand Filters, Turbidity; ...3.0261

APPLICATION OF HYPERFILTRATION WITH DYNAMICALLY-FORMED MEMBRANES TO TREATMENT OF MUNICIPAL SEWAGE EFFLUENTS ...Activated Sludge; Effluent-standards, Electrochemistry; Porosity; Sewage, Tertiary Treatment; ...3.0319

DEVELOPMENT OF FIELD METHODS IN SAMPLING WATER FOR PESTICIDE ANALYSIS ...Chemical Analysis; Chemical Extraction; Chlorine; Pesticides -see Pesticide; Plastics, Water Chemistry; ...4.0049

Cellulose Membranes

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY REVERSE OSMOSIS ...Carbon Filters; Chemical Oxygen Demand; Effluents - Waste Water; Fouling; Reverse Osmosis; Tertiary Treatment; ...2.0879

Fiber Membranes

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY REVERSE OSMOSIS ...Carbon Filters; Chemical Oxygen Demand; Effluents - Waste Water; Fouling; Reverse Osmosis; Tertiary Treatment; ...2.0879

Fouling

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY REVERSE OSMOSIS ...Carbon Filters; Chemical Oxygen Demand; Effluents - Waste Water; Reverse Osmosis; Tertiary Treatment; ...2.0879

CONTROL OF MINERAL CONSTITUENTS IN WASTE WATER BY ELECTRODIALYSIS ...Demineralization; Electrodialysis; Mineralogical Water Properties; Pilot Plants; Solid Waste; Waste Water Treatment -general; ...2.1364

ELECTRODIALYSIS TREATMENT OF SECONDARY EFFLUENT ...Demineralization; Fluid Mechanics; Pilot Plants; Waste Water Treatment -general; Water Reuse; ...2.1380

Ion Selective Membranes

SELECTIVE NITRATE AND PHOSPHATE REMOVAL ...Bench Scale; Denitrification -see Nitrogen; Ion Exchange; Waste Treatment; Waste Treatment Economics; ...2.1300

ION EXCHANGE MEMBRANE STUDIES ...Dialysis; Ion Exchange; Plate & Frame Membranes; Process Design; Tubular Membranes; Waste Management -see Specific; Waste Treatment Economics; ...2.1415

Natural Occurring Membranes

STUDY OF IRRADIATED AIR POLLUTANTS ON SPREAD FILMS ...Additives; Air Pollution -see Specifics; Antioxidants - nonspecific; Gases; Radiation Sources -general; ...1.0370

Plate & Frame Membranes

ION EXCHANGE MEMBRANE STUDIES ...Dialysis; Ion Exchange; Ion Selective Membranes; Process Design; Tubular Membranes; Waste Management -see Specific; Waste Treatment Economics; ...2.1415

Spiral Wound Membranes

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY REVERSE OSMOSIS ...Carbon Filters; Chemical Oxygen Demand; Effluents - Waste Water; Fouling; Reverse Osmosis; Tertiary Treatment; ...2.0879

REVERSE OSMOSIS DEVELOPMENT FOR ACID MINE DRAINAGE CONVERSION ...Acid Mine Drainage; Acid Mine Wastes; Pilot Plants; Reverse Osmosis; Waste Treatment Economics; Water Reuse; West Virginia; ...2.1225

Tubular Membranes

DETERMINE FEASIBILITY CHARACTERISTICS OF TUBULAR RO PROCESS ...Field Water Purification; Gas Chromatography; Military Sciences; Reverse Osmosis; Water Quality Control - general; ...2.0953

ION EXCHANGE MEMBRANE STUDIES ...Dialysis; Ion Exchange; Ion Selective Membranes; Plate & Frame Membranes; Process Design; Waste Management -see Specific; Waste Treatment Economics; ...2.1415

Mercury

ATMOSPHERIC DUST AND MOLD SPORE STUDIES ...Air Pollution -see Specifics; Dust; Health & Geographic Factors; North Dakota; Phosphorus and Phosphorus Cpds; ...1.0115

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD ...Atmospheric Dynamics; Environment Accumulation Rates; Environmental Hazards; Lead; Pesticides -nonspecific; Seismology; Toxicology; Water Pollutants - Path of; ...1.0189

FURNISHING NOTICE OF RESEARCH PROJECTS RELATIVE TO ALL BIOLOGICAL INFORMATION ...Air Pollution -see Specifics; Asbestos; Carbon Monoxide; Chlorine; Lead; Pollens - see Air Pollution; Zinc; ...1.0193

CONTINUE STUDIES TO DETERMINE THE THRESHOLD AT WHICH LEAD AND MERCURY PRODUCE HEMATOLOGIC IMPAIRMENT ...Air Pollution; Air Pollution -see Specifics; Air Pollution Effects; Lead; Yugoslavia; ...1.0242

LEAD AND SODIUM CONTAMINATION OF TREES AND SHRUBS IN URBAN ENVIRONMENTS ...Air Pollution -see Specifics; Lead; Ornamentals; Plant Tissue Analysis -chem.; ...1.0336

BEHAVIORAL PHARMACOLOGY AND TOXICOLOGY ...Canidae; Ceboidea; Muridae; Pigeons; Toxicology; ...1.0382

THE DIRECT AND CONTINUOUS DETERMINATION OF METALS IN AIR ...Air Pollution Monitoring; Air Pollution-chemistry; Combustion Air Pollution-gen; Incinerators; Lead; Trace Analysis; ...1.0707

SELECTIVE AND SENSITIVE METHODS FOR THE DETERMINATION OF SULFURIC ACID AEROSOLS ...Aerosols; Air Pollution-chemistry; Chelation & Complexing; Electrounalyses; Electrochemistry; Reduction Reactions; Spectrographic Techniques; ...1.0708

OPERATE A NATIONAL NETWORK FOR INTERMITTENT SAMPLING OF GASEOUS POLLUTANTS ...Absorption - Chemistry; Air Pollution-chemistry; Data & Statistics Info Storage; Nitrogen and Nitrogen Cpds.; ...1.0772

OPERATE A SPECIAL NETWORK FOR THE COLLECTION OF ARSENIC AND SELENIUM ...Air Pollution; Air Pollution Sampling; Arsenic; Chemical Composition; ...1.0815

OPERATE A NATIONAL NETWORK FOR SAMPLING GASEOUS POLLUTANTS AT AN INCREASED FREQUENCY ...Air Pollution Sampling; Automatic Weather Stations; Chlorine; Gases; ...1.0816

ANALYZE SAMPLES COLLECTED FROM AMBIENT AIR FOR TOTAL MERCURY ...Absorption - Chemistry; Air Pollution Analysis; Air Pollution Sampling; Air Pollution-chemistry; Chemical Analysis -general; ...1.0831

DEVELOPMENT OF A WORKING MODEL FOR MEASUREMENT OF SULFUR DIOXIDE IN STACK GASES ...Combustion; Detectors and Sensors; Radiation Instruments; Radioactive Isotopes; Scintillation Counting; Sulfur Dioxide Removal; X and Gamma Rays; ...1.0834

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES. I. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE ...Algae - Chlorophyta; Cell Injury and Autolysis; Chemical Mutagenesis; Industrial Wastes; Metabolism of Algacides; Plant Ecology -nonspecific; Radiation Sources - general; X and Gamma Rays; ...2.0027

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

HYDROSPHERIC ENRICHMENT OF MERCURY STUDIED BY 203-HG-LABELLED ORGANIC COMPLEXES ...Analysis and Detection; Water Quality -general; ...2.0095

FISH-MERCURY STUDIES IN THE GREAT LAKES ...Chemical Analysis; Contamination - Water; Fish; Great Lakes -see Specific Lake; Organic Water Properties; Pesticide in Food Chains; Waterfowl -nonspecific; ...2.0190

NUCLEAR PHYSICS PROGRAM ...Contamination -see Air & Water; Nuclear Structure; ...2.0196

MERCURY IN THE ENVIRONMENT ...Air Pollution-chemistry; Analysis and Detection; Environmental Effects - Human; ...2.0199

INVESTIGATION OF THE MERCURY POLLUTION OF LAKE ERIE AND ITS AQUATIC LIFE ...Aquatic Ecology - Animal; Contamination - Water; Ictalurus Punctatus; Lake Erie; Physiological Effects; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...2.0259

KINETICS OF MICROBIOLOGICALLY MEDIATED TRANSFORMATIONS OF HEAVY METALS IN AQUATIC ENVIRONMENTS ...Acidity (water); Estuaries; Lakes; Mathematical Models; Zinc; ...2.0261

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Marine Geology; Pacific Ocean; Radioactivity; Sea Water Sampling; Trace Analysis; ...2.0418

MERCURY TRANSFORMATIONS IN RIVER BOTTOM SEDIMENTS ...Aquatic Soils; Cellular Catabolism-see Degrad; Microorganisms -nonspecific; Sediments; Stream Deposits; Wisconsin; ...2.0438

MERCURY UPTAKE AND RELEASE BY BOTTOM SEDIMENTS ...Adsorption; Aquatic Soils; Chemical Properties; Chemical Water Properties; Physical Water Properties; Soil Chemical Properties; Wisconsin; ...2.0446

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Bioindicators; Chlorine; Contamination - Water; Organic Matter; Pesticides -nonspecific; Population Dynamics -general; Water Pollutant Identification; Zinc; ...2.0466

THE DEGREE OF FECAL POLLUTION IN THE WATER OF REGIONS OF THE EASTERN DISTRICTS BY A NEW COMBINED CHEMICAL-MICROBIOLOGICAL METHOD ...Canada; Coliforms -nonspecific; Industrial Wastes; Lead; Sewage; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0506

RESEARCH TRACE METHODS ...Electroanalyses; Fluorine; Geological Exploration; Trace Element Analysis; ...2.0518

INTERACTIONS OF MERCURY WITH AQUATIC AND EDAPHIC ENVIRONMENTS ...Analysis and Detection; Environment; Ion Exchange; Photosynthesis; Submerged Plants; ...2.0595

ANALYSIS OF MERCURY CONTENT OF SHELLFISH OFF THE MASSACHUSETTS SEACOAST ...Atomic Absorption; Contamination - Water; Crustacea; Invertebrate Physiology; Mollusca; ...2.0616

ANALYSIS OF FISH TISSUE FOR MERCURY CONTENT ...Analysis and Detection; Atomic Absorption; Connecticut River; Contamination - Water; Fish; Massachusetts; Water Pollutant Identification; ...2.0617

MERCURY CONCENTRATIONS IN THE AQUATIC LIFE FORMS AND THE WATERS OF THE UPPER CLARK FORK RIVER ...Crustacea; Fish; Mollusca; Montana; Pollution Effects - see Water; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0663

HEAVY METAL RESIDUES IN CHANNEL CATFISH FROM SELECTED WATERSHEDS IN NEBRASKA ...Aquatic Ecology - Animal; Contamination - Water; Lead; Nebraska; Watersheds; ...2.0664

MICROBIAL FORMATION OF POTENTIALLY HAZARDOUS ORGANO-METAL COMPOUNDS IN WATER ...Arsenic; Cellular Biosynthesis; Cellular Catabolism-see Degrad; Chelation & Complexing; Organic Matter; ...2.0691

STUDIES IN FOAM SEPARATION AND RELATED TECHNIQUES ...Foam; Metal Processing Wastes; Surfactants - see Detergents; Waste Treatment; ...2.1296

HEALTH EFFECTS OF TOXIC CHEMICALS WITHIN THE WATER ENVIRONMENT ...Animal Toxins; Clams; Eastern U. S.; Lead; Marine Environments; Pollution Effects -see Water; ...2.1697

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; Tracers; ...2.1731

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL, B) CHEMICAL AND GEOLOGICAL, AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

PHYSIOLOGICAL AND BIOCHEMICAL TECHNIQUES TO ASSESS THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF CHEMICAL WATER POLLUTION ON FISH ...Contamination - Water; Environmental Physiology; Fish; Physiological Effects; Pollution Effects -see Water; Water Pollutant Identification; ...2.1783

EFFECT OF MUNICIPAL SEWAGE PLANT EFFLUENT UPON AQUATIC SNAIL POPULATIONS ...Aquatic Ecology - Animal; Chlorine; Ecological Effects; Lake Champlain; Pollution Effects - see Water; Sewage; ...3.0053

RECOVERING AND REFINING SECONDARY METALS AND ALLOYS ...Chlorine; Constants; Distillation; Lead; Metal Processing Wastes; Tin; Zinc; ...3.0378

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides, Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

ETIOLOGY OF MERCURIAL PHYTOTOXICITY (FAT LEG) OF SEED PEANUTS ...Arachis; Chlorine; Herbicides and Other Chem; Metal Organics -nonspecific; Pesticide Phytotoxicity; Soil Depth; Soil Temp -nonspecific; ...4.0290

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Diphacin; Fish; Fungicides -nonspecific; Mammals; Metal Organics -nonspecific; Pesticide Evaluation; Polychlorinated Biphenyl Cpds; ...4.0566

CHOLINESTERASE ACTIVITY AND BLOOD ENZYME CHANGE STUDIES ...Air Pollution -see Specifics; Contamination - Water; Fish; Pesticide Action on Animals; Pheasant; ...4.0568

RESIDUES IN GRAIN RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Fenac; Gas Chromatography; Hercules 14503; Monitoring Systems; Pesticide Tolerance Rate; Residues in Foods; ...4.0770

BEHAVIOR OF DILUTE SOLUTIONS OF MERCURIC SALTS ...Catalysis; Mechanism Determination; Oxidation; Reduction Reactions; Thermodynamics -biophysics; Toxicology; Water Pollution Sources; ...4.0779

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON HI VIRAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Cricetus; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0791

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Amino Triazole; D, 2,4-; Laboratory Animals; Metabolites From Pesticides; Muridae; PMA; ...4.0819

ORGANIC MERCURIAL FUNGICIDES AND METABOLISM ...Carbon; Isotope Tracer -see Tracers; Metal Organics -nonspecific; Pesticide Action on Animals; PMA; ...4.0820

ENVIRONMENTAL MUTAGEN INFORMATION CENTER (EMIC) ...Air Pollution -see Specifics; General Information Services; Information Science; Mutagenesis -nonspecific; Pesticide Toxicity -general; Pesticides -nonspecific; ...4.0855

PRELIMINARY MONITORING OF PESTICIDES ...DDT; Dieldrin; Partridge; Pheasant; ...4.0856

ORGANIC MERCURY POISONING IN SWINE ...Animal Pharmacology; Domestic Animals; Mercurous Chloride; Pesticide Action on Animals; Sus; ...4.0900

ORGANOMERCURIAL POISONING ...Metal Organics -nonspecific; Pesticide Toxicity -general; Toxicology; ...4.0933

TRACE MERCURY IN ENVIRONMENTAL MATERIALS ...Air Pollution-chemistry; Trace Element Analysis; ...4.0934

UPTAKE OF MERCURY BY PLANTS AND ITS DISTRIBUTION IN LIVING ORGANISMS IN AN ENVIRONMENT WITH INCREASED CONCENTRATION OF THIS ELEMENT ...Absorption (incl. Adsorption); Contamination -see Air & Water; Translocation; ...4.0998

ANALYTICAL METHODS FOR HERBICIDES AND RESIDUES ...Chemical Analysis; Gas Chromatography; Metabolites From Pesticides; Pesticide Residues; Solvents Or Carriers; Temperature - Air; ...4.1027

RADIOLOGICAL PHYSICS ...Dosimetry; Ionizing Radiation -see Rad.; Mathematical Models; Protons; Radiation Effects - Biological; ...5.0113

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Lead; Manganese; Radiation Injury Prevention; Sodium; Thallium; Tungsten; Zinc; ...5.0136

MECHANISM OF DIVALENT ION ABSORPTION ...Arsenic; Cobalt; Gallus Domesticus; Iron; Whole Body; Zinc; ...5.0256

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology; Fish; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

DETERMINATION OF UPTAKE RATES, ORGAN SPECIFICITIES, AND BIOLOGICAL LIFETIMES OF RADIOISOTOPES AND ELEMENTAL SPECIES IN THE RAT ...Barium; Chelation & Complexing; Gamma Spectroscopy; Radiation Injury Prevention; Tantalum; ...5.0781

Metabolism & Metab. Diseases

HUMAN ADAPTATION OF CARDIO-PULMONARY FUNCTION TO HYPOBARIC, AQUATIC AND INDUSTRIAL ENVIRONMENTS ...Air Pollution -see Specifics; Anoxia and Hypoxia; Environmental Effects - Human; Pressure; Temperature & Humidity Effects; ...1.0305

LOSS OF BODY FAT AND RESPONSE TO INSECTICIDE RESIDUES ...Chlorinated Hydrocarbons; Laboratory Animals; Muridae; Pesticide Action on Animals; Toxicology; ...4.0639

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - ANALYSIS OF EEG CHANGES INDUCED BY CHRONIC ENDRIN ADMINISTRATION ...Cebuidea; Endrin; Laboratory Animals; Pesticide Action on Animals; Stressors, Physiological; Toxicology; ...4.0816

STRONTIUM-90 LEVELS ON THE DIETS AND BONES OF CHILDREN ...Radioactive Isotopes; Radiologic Health; Radium; Strontium; ...5.0001

RADIATION INDUCED CHANGES IN NEONATAL NERVOUS SYSTEM ...Cell Injury and Autolysis; Cellular Biosynthesis; Developmental Physiology; Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0097

PHASE I FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS - SOME ASPECTS OF STRONTIUM METABOLISM ...Muridae; Radiation Carcinogenesis; Strontium; Sus; ...5.0481

EFFECT OF RADIATION ON GLUCOSAMINOGLYCANS IN BONE ...Aging; Cellular Biosynthesis; Healing; Mammals -nonspecific; Radiation Effects - Biological; X and Gamma Rays; ...5.0496

THE LONG-TERM TURNOVER OF RADIONUCLIDES IN MAN ...Cesium; Computer Methods -general; Metabolism and Biochemistry; Radiation Effects - Man; Radiologic Health; Strontium; Zinc; ...5.0521

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Digestive System - Human; Freezing; Muridae; Photochemical Reactions; Radiation; Radiation Effects - Biological; Urine; ...5.0573

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION ...Cellular Biosynthesis; Environmental Effects - Human; Injury and Shock; Radiation -see Specifics; Radiation Effects - Biological; Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0688

DEVELOPMENT AND APPLICATION OF MULTICHANNEL SCANNING ...Canidae; Radiation, Whole Body; Selenium; Whole Body; X and Gamma Rays; ...5.0835

PENETRATIVE AND METABOLIC EFFECTS OF LOW INTENSITY ULTRASOUND IN NERVE AND MUSCLE WITH AND WITHOUT EXTERNALLY ADDED CORTISOL ...Phenols; Sus; Ultrasonic -bioeffects; ...6.0107

Metal Processing Wastes

DEVELOPMENT OF NAVY METAL SURFACE TREATMENT PROCESSES FOR COMPLIANCE WITH POLLUTION CONTROL REGULATIONS ...Water Quality Control -general; ...1.0643

BEHAVIOR OF PLATINUM ELECTRODES AS REDOX POTENTIAL INDICATORS IN METALLURGICAL SYSTEMS ...Analysis and Detection; Electrical, Electronic Mtl.; Electrochemistry; Infrared Spectroscopy; Oxidation; Water Pollutant Identification; ...2.0640

CONCENTRATION OF CHEMICALS BY FLOC FORMING ORGANISMS ...Aerobic Waste Water Treatment; Farm Animal Wastes; Industrial Wastes; Product Development Research; Waste Water Treatment -general ...2.0933

ELECTROMEMBRANE PROCESS FOR REGENERATING ACID FROM SPENT PICKLE LIQUOR ...Electrochemistry; Membranes; Waste Material Recovery; Waste Treatment Economics; ...2.1143

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials; Coatings -see Materials; Dewatering; Effluents - Waste Water; Industrial Wastes; Pilot Plants, Sludge; Waste Treatment Economics; ...2.1208

ABSORPTION OF CHROMIUM BY CLAYS ...Activation Analysis; Adsorption; Demineralization; Ore Deposits; Waste Material Recovery; Waste Treatment; Waste Water Treatment -general; ...2.1233

STUDIES IN FOAM SEPARATION AND RELATED TECHNIQUES ...Foam; Mercury; Surfactants -see Detergents; Waste Treatment; ...2.1296

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Atomic Absorption; Lead; Mineralogy; Ore Deposits; Pond; Precipitation; Waste Water Treatment -general; X-ray Spectroscopy; ...2.1322

EFFECT OF SURFACTANT MICELLES ON METAL ION REMOVAL BY FLOTATION FROM METALLURGICAL WASTEWATER ...Chemical Mechanisms & Kinetics; Flotation; Lead; Surfactants -see Detergents; Ultrasonics; Zinc; ...2.1327

RECLAMATION OF METAL VALUES FROM METAL-FINISHING WASTE TREATMENT SLUDGES ...Degradation; Industrial Wastes; Oxidation; Reduction Reactions; Sludge; Waste Treatment; ...2.1333

DEEPWATER PILOT PLANT ENGINEERING AND INTERCEPTOR FEASIBILITY STUDY ...Biochemical Oxygen Demand; Delaware Bay; Dye Wastes; Industrial Wastes; New Jersey; Pilot Plants; Waste Treatment Economics; ...2.1340

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ...Chelation & Complexing; Colloidal Phenomena; Filtration; Fluid Mechanics; Mathematical Models; New England Province; Rhode Island; Sedimentation; ...2.1411

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fish; Industrial Wastes; Marine Animals; Mineralogical Water Properties; Physiological Effects; Zooplankton; ...2.1640

BIODEGRADABILITY OF ORGANIC COMPOUNDS INCLUDING DETERGENTS, METAL WORKING FLUIDS, ETC. THAT MAY CONTAMINATE WATER ...Analysis and Detection; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Detergents -see Surfactants; Fuels; Surfactants -see Detergents; Waste Water Degradation; ...3.0028

DISPOSAL OF LIQUID INDUSTRIAL WASTE ...Burning; Connecticut; Dewatering; Oil Removal; Petroleum Wastes - Spillage; Sewer Systems; ...3.0094

RECOVERY OF MINERAL MATERIALS FROM SELECTED PROCESSING WASTES ...Effluent-standards; Plating Wastes; Waste Material Recovery; Waste Treatment; ...3.0206

DEVELOPING NEW USES FOR MILLING RESIDUES ...Acid Mine Wastes; Refractory; Solid Waste; Waste Material Recovery; ...3.0328

RECOVERING AND REFINING SECONDARY METALS AND ALLOYS ...Chlorine; Constants; Distillation; Lead; Mercury; Tin; Zinc; ...3.0378

FERRIC CHLORIDE PROCESSING ...Chlorination; Chlorine; Waste Material Recovery; ...3.0396

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR PROCESS CONTROL AND POLLUTION ABATEMENT ...Coatings -see Materials; Isotope Tracer -see Tracers; Plating Wastes; Radioactive Isotopes; Reactors; Zinc; ...5.0804

Meteorologic Instruments -gen.

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica ; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Weather Data; Wind; ...1.0028

NUMERICAL STUDIES OF TURBULENT FLOW ...Atmospheric Dynamics; Energy Conversion; Model Studies; Particulates - Air Pollution; Radioactive Isotopes; Radioactivity; Wind; ...1.0144

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

AIR POLLUTION POTENTIAL CLIMATOLOGY ...Applied Climatology; Atmospheric Dynamics; Planning; Weather Data; Wind; ...1.0511

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0837

TEMPERATURE INCREASES BELOW DAMS ...Dams -general; Dyes; Fluorometry; Thermal Pollution; ...2.0806

WORLD ELECTRONIC INDUSTRIES ...Air Pollution Monitoring; Consumption; Economic Projections- Forecast; Electronics Engineering; Instrument Services; Noise -see Noise; Supply; ...6.0071

Meteorological Condensation

NUMERICAL MODEL OF THE URBAN ATMOSPHERE ...Advection; California; Humidity - Water Vapor; Mesometeorology; Rural Areas; Urban Environment; ...1.0007

CONDENSATION NUCLEI AND AEROSOL POPULATIONS RELATED TO FOG FORMATION ...Aerosols; Air Pollution Analysis; California; Fog - Mist Dissipation; Nucleation Physics; ...1.0867

Condensation Physics

LIDAR OBSERVATIONS OF LOWER TROPOSPHERIC AEROSOL DISTRIBUTIONS DURING BOMEX ...Aerosols; Atmospheric Dynamics; Electronic Detection, Tracking; Heat and Radiation Transfer; Inversion; Particulates - Air Pollution; ...1.0011

WIND TUNNEL INVESTIGATION OF MICROPHYSICAL PROCESSES IN SUPERCOOLED CLOUDS ...Atmospheric Dynamics; California; Cloud Physics; Nucleation Physics; Wind Tunnels; ...1.0315

INTERACTIONS BETWEEN THE GREAT LAKES AND THE ATMOSPHERE ...Air - Sea Boundary Studies; Circulation - Patterns; Mesometeorology; Model Studies; Snow Modification; ...1.0377

CONDENSATION NUCLEI AND AEROSOL POPULATIONS RELATED TO FOG FORMATION ...Aerosols; Air Pollution Analysis; California; Fog - Mist Dissipation; Meteorological Condensation; Nucleation Physics; ...1.0867

HOMOGENEOUS NUCLEATION IN CONTAMINATED ATMOSPHERES ...Adsorption; Gases; Humidity - Water Vapor; Particulates - Air Pollution; ...1.0882

RADIOACTIVE FALLOUT FORMATION ...Chemical Mechanisms & Kinetics; Condensation; Fallout -see Radioactive; Forecasting - Prediction; Radioactive Fallout; Rate of Reaction; ...5.0047

Dew

LOSS OF ORGANIC AND INORGANIC MATERIALS FROM ABOVE-GROUND PLANT PARTS BY LEACHING ...Absorp-

tion (incl. Adsorption); Aging; Fog, Haze, Mist; Nitrogen Metabolism; Radioactive Fallout-cf Fallout; Rain; Translocation; ...2.0268

Fog, Haze, Mist

A STUDY OF THE FACTORS CONTROLLING THE FORMATION OF LARGE NUMBERS OF CONDENSATION NUCLEI IN CLEAN GLOBAL AIR ...Adirondack Province; Effects; Heat Transmission; New York; Nucleation; Nucleation Physics; Organic Compounds; ...1.0082

ATMOSPHERIC OZONE AND WEATHER FLECK ON FLORIDA CIGAR-WRAPPER TOBACCO ...Air Masses; Climates -general; Gases; Nicotiana; Soil Moisture; ...1.0342

AIR POLLUTION ...Absorption - Chemistry; Air Pollution; Air Pollution-chemistry; Fibers; Gases; Home Economics; Sulfur Dioxide; ...1.0372

AERONOMY AND OTHER ATMOSPHERIC STUDIES ...Aerosols; Color - Brightness; Lasers and Masers; Photography, Plasmas; Weather Radar; ...1.0694

CONDENSATION NUCLEI AND AEROSOL POPULATIONS RELATED TO FOG FORMATION ...Aerosols; Air Pollution Analysis; California; Fog - Mist Dissipation; Meteorological Condensation; Nucleation Physics; ...1.0867

HOMOGENEOUS NUCLEATION IN CONTAMINATED ATMOSPHERES ...Adsorption; Condensation Physics; Gases; Humidity - Water Vapor; Particulates - Air Pollution; ...1.0882

LOSS OF ORGANIC AND INORGANIC MATERIALS FROM ABOVE-GROUND PLANT PARTS BY LEACHING ...Absorption (incl. Adsorption); Aging; Dew; Nitrogen Metabolism; Radioactive Fallout-cf Fallout; Rain; Translocation; ...2.0268

COOLING TOWER STUDY ...Cooling Towers; Energy Conversion; Legislation - Zoning; Oxidation; Thermal Pollution; Weather Modification; ...2.1602

Meteorological Studies

ENGINEERING STUDIES RELATED TO THE TECHNIQUES AND INSTRUMENTATION USED FOR FUEL AND FUEL ADDITIVE EVALUATIONS ...Air Pollution Monitoring; Air Pollution Sampling; Air Pollution-chemistry; Chemical Analysis -general; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0100

INTERACTIONS BETWEEN THE GREAT LAKES AND THE ATMOSPHERE ...Air - Sea Boundary Studies; Circulation - Patterns; Condensation Physics; Mesometeorology; Model Studies; Snow Modification; ...1.0377

WATER CONTAMINATION BY FERTILIZER NITROGEN AND PHOSPHORUS ...Agricultural Runoff; Fertilizers; Nitrogen and Nitrogen Cpds.; North Carolina; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Subsurface Runoff; ...2.0294

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Percolation (water); Seepage (water); Soil Temp. -non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

INTERRELATIONSHIP OF METEOROLOGICAL FACTORS AND THERMAL PLUMES ...Correlation; Forecasting - Prediction; Random Variables; Sensitivity Problems; Thermal Pollution; ...2.0804

TEMPERATURE DISTRIBUTIONS RESULTING FROM COOLING WATER DISCHARGES ...Development of Models; Energy Conversion; Mathematical Models; Power Reservoirs; Streams; Thermal Pollution; ...2.0805

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Columbia River; Electric Power Plants; Fishing; Heat Flow (water); Nitrogen and Nitrogen Cpds.; Recreation, Water Resources; Types of Resources; Water Storage; ...2.0841

WATER TEMPERATURE AS A QUALITY FACTOR IN THE USE OF STREAMS AND RESERVOIRS ...Animal Habitat Studies; Dispersion (water); Temperature (water); Thermal Pollution; Water Pollution Sources; ...2.1514

PHYSICAL FACTORS AFFECTING OREGON COASTAL POLLUTION ...Circulation (water); Density; Marine Environments, Oregon; Tides; ...2.1683

Drought - Meteorologic

BEHAVIOR OF STREAM INSECTS ...Animal Behavioral Ecology; Animal Habitat Studies; Animal Migration; Aquatic Ecology - Animal; Contamination - Water; Environment Resistance-animals; Water Pollution Sources; ...2.0529

NATIONAL AND ENVIRONMENTAL HAZARDS, DISORDERS, ENVIRONMENTAL QUALITY ...Floods; Glaciology; Recreation, Water Resources; Seismology; Urban Environment; Urban Research -general; Water Pollution Sources; ...2.1799

Macrometeorology

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Combustion Air Pollution-gen; Gases; Meetings; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics; ...1.0061

FALLOUT PHENOMENOLOGY ...Atmospheric Dynamics; Fallout -see Radioactive; Heat Balance - Budget; Mesometeorology; Nuclear Detonations; Radioactive Fallout; Tracers; Wind; ...1.0158

Mesometeorology

NUMERICAL MODEL OF THE URBAN ATMOSPHERE ...Advection; California; Humidity - Water Vapor; Rural Areas; Urban Environment; ...1.0007

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution; Circulation - Patterns; Forecasting - Prediction; Prediction; Statistics; Urban Environment; Weather Modification; ...1.0022

MODELLING POLLUTANT CONCENTRATIONS ...Air Pollution; Atmospheric Dynamics; Mathematical Models; Model Studies; Weather Forecasting; Wind; ...1.0136

FALLOUT PHENOMENOLOGY ...Atmospheric Dynamics; Fallout -see Radioactive; Heat Balance - Budget; Nuclear Detonations; Radioactive Fallout; Tracers; Wind; ...1.0158

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

INTERACTIONS BETWEEN THE GREAT LAKES AND THE ATMOSPHERE ...Air - Sea Boundary Studies; Circulation - Patterns; Condensation Physics; Model Studies; Snow Modification; ...1.0377

COMMITTEE ON ATMOSPHERIC SCIENCES ...Air Pollution; Committee Support; Severe Storms - Squalls; Weather Forecasting; ...1.0486

METEOROLOGY FOR NUCLEAR TESTING ...Aleutian Islands; Computer Models; Forecasting - Prediction; Mississippi; Nevada; Radioactive Fallout; Solar Radiation -sunshine; Weather Forecasting; ...3.0003

Meteorological Extremes

EVALUATION OF AN OXIDATION-DITCH WASTEWATER TREATMENT PLANT IN SUB-ARCTIC ALASKA ...Alaska; Biological Treatment-general; Mathematical Models; Oxygen; Pond; Sub - Polar Regions; Waste Treatment Economics; ...2.1150

DEVELOPMENT OF WASTE STABILIZATION LAGOONS FOR APPLICATION IN ALASKA ...Alaska; Lagoon; Pilot Plants; Seasonal Studies; ...3.0061

COMPLETE MIX ACTIVATED SLUDGE UNIT PROCESS ADAPTION TO LOW TEMPERATURE ...Activated Sludge; Alaska; Biochemical Oxygen Demand; Pilot Plants; Sewage - Domestic; ...3.0063

Micrometeorology

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Coal Research; Energy Conversion; Heating Units; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers; Wind Tunnels; ...1.0031

URBAN CLIMATOLOGY ...Climatography; Microclimates; Minnesota; Precipitation Amount; Rain; Temperature; Urban Research -general; Weather Data; ...1.0067

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

WORKSHOP ON RESEARCH PROBLEMS IN AIR AND WATER POLLUTION ...Air Pollution Effects; Eutrophication; Meetings; Thermal Pollution; Upper Atmospheric Chemistry; Water Pollution Effects; ...2.1800

STUDIES OF DEPOSITION AND REDISTRIBUTION OF DEBRIS FROM SPECIFIC NUCLEAR EVENTS ...Air Pollution Analysis; Analytical Instruments; Atmospheric Dynamics; Model Studies; Nevada, Radioactive Fallout; Radioactivity; ...5.0005

Seasonal Studies

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

LEAD IN AQUATIC ENVIRONMENTS ...Air Pollution; Estuaries; Industrial Wastes; Lead; Ocean Mixing, Puget Sound; Water Cycle; Water Standards & Baselines; ...2.0425

INVESTIGATION OF LAKE WATER QUALITY IN EASTERN SOUTH DAKOTA WITH REMOTE SENSING TECHNIQUES ...Aircraft Remote Sensing; Geologic Maps; Lakes; Soil Tillage; Water Depth, Water Levels; Water Quality -general; ...2.0798

DEVELOPMENT OF WASTE STABILIZATION LAGOONS FOR APPLICATION IN ALASKA ...Alaska; Lagoon; Meteorological Extremes; Pilot Plants; ...5.0061

Methane

GASES AND PARTICULATES IN POULTRY HOUSES ...Air Pollution -see Specifics; Dust; Gallus Domesticus; Poultry Industry; Wind -see Air Motion; ...1.0416

DEVELOP & IMPLEMENT OPERATIONAL SYSTEM FOR EVALUATING & COLLABORATIVELY TESTING METHODS RECOMMENDED FOR AIR POLLUTION MEASUREMENT (ABBREV) ...Air Pollution; Air Pollution Analysis; Aldehydes - nonspecific; Carbon Monoxide; Lead; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0843

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

BIOLOGICAL METHANE FORMATION ...Bacterial Ecology; Cellular Biosynthesis; Degradation -see Pesticide Deg; Hydrogen Bacteria; Methane Bacteria -nonspecific; Rumen Bacteria; Sulfur Bacteria; ...3.0131

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Animal Wastes - Feed Lots; Denitrification; Lime Treatment; Soil Microbiology; ...3.0237

MICROBIOLOGY OF ANAEROBIC SLUDGE ...Anaerobic Bacteria; Bacterial Population Surveys; Fermentation; Methane Bacteria -nonspecific; Rate of Reaction; Waste Water Treatment - general; ...3.0251

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

Mexico

A UNIFIED APPROACH TO WATER, FOOD AND POWER IN A COASTAL DESERT COMMUNITY ...Arid and Desert Regions; Auto Exhaust -see Air Poll.; Desalination; Electric Power Plants; Humidity; Temperature - Air; ...2.1157

Michigan

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

MEASUREMENT OF PRESENT SEDIMENT LOAD, AND EXPERIMENTAL ADDITION OF SEDIMENT IN TEST SECTION OF HUNT CREEK ...Bed Load; Methods; Sediment Yield; Sediments; ...2.0202

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Drainage Systems; Flood Control Planning; Floods; Rain; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0626

INDICATOR PATHOGEN DENSITY RELATIONSHIPS IN TRIBUTARY STREAMS ...Bacterial Ecology; Bacterial Population Surveys; Chemical Analysis (water); Escherichia Coli; Sewage Bacteria; Water Pollutant Identification; ...2.0633

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation; Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

NITRIFICATION IN SURFACE WATERS ...Algal Physiology; Chemical Analysis (water); Nitrification; Nitrogen and Nitrogen Cpds.; ...2.0638

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation, Economic Impact; Lakes; Pollution Effects -see Water; Regional Economics; Urban Environment; Waste Water Treatment - general; Water Quality -general; ...2.0721

LONG TERM EFFECTS OF WATER FLUORIDATION IN GRAND RAPIDS, MICHIGAN ...Fluoridation; Fluorine; ...2.0903

REVERSAL OF EUTROPHICATION THROUGH ARTIFICIAL AERATION OF LAKES ...Aeration (water); Benthic Fauna; Eutrophic Lakes; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Vertical Distribution; ...2.1045

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Parks; Recreation; Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

MONITOR FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ON LAKE MICHIGAN ...Aquatic Ecology - Animal; Contamination - Water; Fish; Physical Effects; ...2.1595

MONITORING FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ...Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Lake Michigan; Nets; Salmonidae; Thermal Pollution; ...2.1596

IMPACT OF WATER QUALITY CONTROLS ...Agricultural Studies -general; Water Quality Control -general; Water Standards & Baselines; Water Supply -general; ...2.1855

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Erosion; Gramineae -other; Leguminosae; Mine Wastes; Soil Chemical Properties; Soil Fertility; Soil Moisture; Water Pollution Sources; ...3.0029

STORAGE AND DISPOSAL OF WASTES RESULTING FROM THE CONCENTRATION OF LOW GRADE IRON ORE ...Disposal Wastes; Iron; Management (water); Pond; Tertiary Treatment; Water Reuse; ...3.0189

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

BIONOMICS OF THE CEREAL LEAF BEETLE ...Aliphatic Carbamates; Furadan; Insect Resistance; Pesticide Evaluation; Thimet; Triticum; ...4.0434

BIONOMICS OF THE CEREAL LEAF BEETLE ...Animal Life History Studies; Insecticides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Phalaridear; Soil Moisture; ...4.0514

FIELD STUDIES OF PESTICIDE EFFECTS ON FISHES ...Animal Productivity; Bioassay; Environmental Physiology; Methoxychlor; Pesticide Action on Animals; Physiological Effects; ...4.0662

POLLUTION OF MICHIGAN URBAN ATMOSPHERES BY HIGHWAY GENERATED NOISE ...Characteristics; Highway Classification; Noise; Urban Research -general; ...6.0036

Microclimates

URBAN CLIMATOLOGY ...Climatography; Minnesota; Precipitation Amount; Rain; Temperature; Urban Research -general; Weather Data; ...1.0067

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES. I. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE ...Algae - Chlorophyta; Cell Injury and Autolysis; Chemical Mutagenesis; Industrial Wastes; Metabolism of Algacides; Plant Ecology -nonspecific; Radiation Sources - general; X and Gamma Rays; ...2.0027

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

TERRESTRIAL ANIMAL ECOLOGY ...Animal Productivity, Cricetidae -other; Environmental Ecology; Population Dynamics - general; Radiation Sensitivity -man; Rodentia -other; ...5.0745

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Mammals -nonspecific; Microorganisms; Picea; Plants, Populus; Radiation Sensitivity -man; Vertebrates Excl Man; X and Gamma Rays; ...5.0769

Microorganisms -nonspecific

AEROBIOLOGY PROGRAM ...Aerobiology, Air Pollution -see Specifics; Conservation of Ecosystems; Plant Pathology - Env. Relat.; Range Or Territorial Distr.; ...1.0216

STUDY TO DETERMINE THE FATE OF CO IN THE ATMOSPHERE ...Air Pollution-chemistry; Algae -nonspecific; Carbon Monoxide; Respiration; ...1.0318

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Bioindicators; B9; Liquids Or Sprays; Mineral Nutrition; Nicotiana; Pesticide Evaluation; Pesticides -other; Pollutant Resistance; Zea Mays - Field Corn; ...1.0338

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Air Pollution -see Specifics; Dust; Environmental Physiology; Gallus Domesticus; Remote Sensing; Temperature - Air; ...1.0350

EFFECT OF AIR POLLUTION - MICROBES IN VIVO AND IN VITRO ...Air Pollution -see Specifics; Cellular Viability; Soil Fungi -nonspecific; Sulfur Dioxide; ...1.0379

FATE OF HARMFUL METALS IN SOIL AND WATER SYSTEMS ...Absorption (incl. Adsorption); Chemical Effects; Formation Principles; Radioisotopes -nonspecific; Soil Microbiology; Water Pollutant Identification; Water Pollution Sources; ...2.0005

DISTRIBUTION OF ORGANICS FROM SALMON DECOMPOSITION ...Alaska; Carbon; Chemical Effects; Estuaries; Nitrogen; Organic Matter; Water Pollutants - Path of; ...2.0011

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Algae -nonspecific; Benthic Organisms -nonspecific; Bottom Sampling; Chemical Water Properties; Plant Freshwater Ecology; Spectrographic Techniques; Waste Water Treatment -general; Water Quality Control -general; ...2.0114

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0152

FATE OF SURFACE-APPLIED NITROGEN FERTILIZERS ...Agricultural Runoff; Fertilizer Losses; Non-symbiotic N-fixation; Soil Microbiology; Water Pollutants - Path of; ...2.0141

CONTROL OR PREVENTION OF SOIL AND WATER POLLUTION FROM FERTILIZERS ...Aquatic Soils; Groundwater; Rock - Soil Pollution; Soil Chemical Properties; Soil Microbiology; Water Quality Control -general; ...2.0170

MICROBIAL INTERVENTION IN THE EUTROPHICATION PROCESS ...Algae -nonspecific; Aquatic Soils; Deposits; Eutrophication; Mineralogical Water Properties; Organic Properties; Plant Food Chains; ...2.0177

ALLEVIATION OF LAKE POLLUTION BY UTILIZATION OF AQUATIC PLANTS FOR NUTRITIONAL, MEDICINAL OR INDUSTRIAL PURPOSES ...Aquatic Plants -nonspecific; Cultural Control; Mammals -nonspecific; Minnesota; Taxonomy -plant; ...2.0207

CYANIDE METABOLISM BY MICROORGANISMS ...Aldehydes - nonspecific; Cellular Catabolism-see Degrad; Fungi -nonspecific; Water Pollution Sources; ...2.0231

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological Effects; Eutrophication; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus -nonspecific; ...2.0264

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICRO-ORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Bacterial Ecology; Chemical Water Properties; Ecological Effects; Lake Erie; Physical Water Properties; Plant Freshwater Ecology; Plant Physiological Ecology; ...2.0300

ACID MINE DRAINAGE - PILOT PLANT EVALUATION ...Acid Mine Drainage; Aeration (water); Core Analysis; Model Studies; ...2.0345

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Plant Ecology - nonspecific; Plant Productivity general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

PLANT-AVAILABLE PHOSPHORUS STATUS OF LAKES ...Algae -nonspecific; Chemical Analysis (water); Deposits; Eutrophication; Phosphorus; Phosphorus and Phosphorus Cpds; ...2.0435

MERCURY TRANSFORMATIONS IN RIVER BOTTOM SEDIMENTS ...Aquatic Soils; Cellular Catabolism-see Degrad; Mercury; Sediments; Stream Deposits; Wisconsin; ...2.0438

BIOLOGICAL PROPERTIES OF SEWAGE LAGOONS AT TUSKEGEE, ALABAMA ...Alabama; Cellular Biosynthesis; Contamination - Water; Sewage Lagoons; Water Pollutant Identification; Water Pollution Effects; ...2.0468

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Gas Chromatography; Mass Spectroscopy; Potable Water; Taste & Odor of Water; Water Pollution Sources; ...2.0526

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Analysis and Detection; Gas Chromatography; Mass Spectroscopy; Water Bacteria; Water Pollution -see Specifics; Water Pollution Sources; ...2.0527

WATER QUALITY, GRAND TRAVERSE BAY, LAKE MICHIGAN ...Bacterial Pollutant Sources; Bays; Lake Michigan; Remote Sensing; ...2.0628

INTERACTION OF RADIO-LABELLED BIOCIDES AND HEAVY METALS WITH MICROBIAL ECOSYSTEMS ...Activated Sludge; Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg. Pesticides -nonspecific; Radioisotopes nonspecific; Waste Water Treatment -general; ...2.0666

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Bioassays; Coliforms -nonspecific; Data Reduction and Analysis; New Mexico; Rumen Bacteria; Water Pollution -see Specifics; Water Quality -general; Water Utilization -domestic; ...2.0684

MINERALIZATION OF ORGANIC PHOSPHORUS IN OLIGOTROPHIC LAKE SEDIMENTS ...Aluminum; Catalysis; Chemical Water Properties; Hydrolysis; Esterification; Lime Treatment; Phosphorus and Phosphorus Cpds; ...2.0692

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants, New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties - general; Water Standards & Baselines; ...2.0701

WATERBORNE DISEASE ETIOLOGY ...Animal Pollutant Sources; Czechoslovakia; Florida; Food Contamination; Protozoa; Virginia; Water Wells; ...2.0715

INFLUENCE OF SUSPENDED MICROSCOPIC SUBSTANCES ON THE METABOLISM OF MICROORGANISMS RESPONSIBLE FOR BIOLOGICAL ENRICHMENT OF WATER ...Adsorption Capacity; Ecological Effects; Pesticides -nonspecific; Sediments; Water Pollutants - Path of; ...2.0723

BIOLOGIC DETECTION AND CONTROL OF WATER POLLUTION ...Bacterial Ecology; Ecological Effects; Reservoirs and Im-

poundments; Water Pollutant Identification; Water Pollution -see Specifics; Water Quality Control -general; ...2.0794

BRACKISH WATER PURIFICATION BY BIOLOGICAL FUEL CELL POWERED ELECTRODIALYSIS ...Brackish Water; Desalination; Effluents - Waste Water; Electrodialysis; Salt Water; Water Costs; ...2.0917

KINETICS OF BIOLOGICAL FILTERS ...Aerobic Waste Water Treatment; Cellular Model Systems; Kinetics; Mathematical Models; Organics; Trickling Filters; ...2.0943

BIODETERIORATION OF NAVY INSECTICIDES IN THE OCEAN ...Cellular Catabolism-see Degrad; DDT; Insecticides - nonspecific; Microorganism-see Cell. Catab.; ...2.0971

DENITRIFICATION AS A PATHWAY FOR NITRATE REMOVAL IN RIVERS AND PONDS ...Carbon; Denitrification; Organic Water Properties; Population Dynamics -general; Temperature; Water Properties -general; ...2.1016

OXYGEN CONSUMPTION IN CONTINUOUS BIOLOGICAL CULTURE ...Activated Sludge; Aeration (water); Gases; Process Design; Waste Water Treatment -general; ...2.1024

EFFECT OF CHEMICAL STRUCTURE ON BIODEGRADABILITY OF ORGANIC MOLECULES ...Analysis and Detection; Biodegradation-see Degradation; Degradation; Microorganism-see Cell. Catab.; Organic Water Properties; Water Pollution Sources; ...2.1065

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity; Cellular Catabolism-see Degrad; Estuaries; Plankton; Plant Productivity -general; Ponds; Primary Productivity - Plants; Water Pollution Sources; ...2.1069

DEGRADATION OF PETROLEUM AND RELATED COMPOUNDS IN THE BIOSPHERE ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Ionic Effect; Marine Plants; Oil; Petroleum -see Oil, Petroleum Research; ...2.1071

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS ...Aquatic Soils; Coastlines - Shorelines; Degradation -see Pesticide Deg; Marine Biology - General; North Carolina; Petroleum -see Oil; Swamps - Marshes; Water Chemistry; ...2.1072

THE MECHANISMS OF WASTE WATER TREATMENT AT LOW TEMPERATURE ...Bacterial Identification; Cellular Catabolism-see Degrad; Colorado; Hypothermal; Waste Water Degradation; Waste Water Treatment -general; ...2.1202

MICROBIAL TRANSFORMATION OF POULTRY LITTER AND ITS RELATION TO WATER POLLUTION ...Agricultural Runoff; Cellular Catabolism-see Degrad; Groundwater; Nitrogen Bacteria; Soil Microbiology; ...2.1252

UPTAKE AND RELEASE OF SOLUBLE ORTHOPHOSPHATE BY ACTIVATED SLUDGE ...Activated Sludge; Aeration (water); Gases; Ionic Effect; Phosphorus and Phosphorus Cpds; Temperature; ...2.1257

TREATMENT OF AQUEOUS AGRICULTURAL WASTES FOR CLEAN WATER AND FOR MICROBIAL PROTEIN PRODUCTION ...Aeration (water); Biochemical Oxygen Demand; Farm Animal Wastes; Product Development Research; Surface Active-ethers; Water Pollution Sources; ...2.1271

ADAPTATION BY MICROBIAL POPULATIONS ...Bacterial Ecology; Public Water Supply Reservoirs; Sewage Bacteria; ...2.1345

CARBON COLUMN OPERATION IN WATER TREATMENT ...Carbon; Cellular Physiology- Env. Eff.; Filtration; Total Organic Carbon; Waste Water Treatment -general; ...2.1355

PHOSPHATE UPTAKE, STORAGE, AND RELEASE BY MICROORGANISMS IN WASTEWATER TREATMENT ...Carbon; Nutrients; Phosphorus and Phosphorus Cpds; Recycle Water; Sewage Bacteria; Sludge; Waste Water Treatment -general; ...2.1451

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Adsorption; Algal Physiology; Colloidal Phenomena; Eutrophication; Gases; Phosphorus and Phosphorus Cpds; Sewage Bacteria; Waste Water Treatment -general; ...2.1463

EFFECT OF POLLUTANTS ON AQUATIC MICROORGANISMS ...Chemical Mutagenesis; Microorganisms; Physical Mutagenesis; Physiological Effects; Radiation -see Specifics; Solar Radiation - sunshine; ...2.1469

BIOLOGICAL EFFECTS OF HEAVY METAL POLLUTION ...Alaska; Biological Effects; Chelation & Complexing; Yeasts - nonspecific; ...2.1475

BIOLOGICAL METHODS OF SLUDGE DEWATERING ...Activated; Bacterial Identification; Cellular Physiology- Env. Eff.; Waste Drying; ...2.1490

MICROBIOLOGICAL INVESTIGATIONS ...Algal Pollutant Sources; Construction Materials; Corrosion, Deterioration; Fungal Pollutant Sources; Taxonomy -plant; Water Pollution Sources; ...2.1511

APPLICATION OF SEWAGE SLUDGE TO FIELD CROPS ...Denitrification; Disposal; Sewage; Waste Digestion; ...2.1548

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Fish; Induced Temperature; Oxygen Content (water); Plankton; Temperature (water); Turbidity (water); Turbines; ...2.1552

THE EFFECT OF SALINITY ON THE OXIDATION OF HYDROCARBONS IN ESTUARINE ENVIRONMENTS ...Biodegradation-see Degradation; Cellular Physiology- Env. Eff.; Estuaries; Oil Removal; Petroleum Wastes - Spillage; Salinity (water); Size; ...2.1611

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity, Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment - general; ...2.1775

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

DECOMPOSITION AND DISPERSION OF EXCRETA FROM LAYING HENS AND TURKEYS ...Farm Animal Wastes; Gallus Domesticus; Soil Organic Content; Space Requirements; ...3.0009

BIODEGRADATION OF OIL IN SEAWATER FOR NAVAL POLLUTION CONTROL ...Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Marine Plants; Oil; Petroleum -see Oil; Petroleum Wastes - Spillage; ...3.0020

NAVY ENVIRONMENT - BIOLOGICAL OXIDATION OF PETROLEUM POLLUTANTS ...Cellular Catabolism-see Degrad; Oil; Petroleum -see Oil; ...3.0042

CATTLE FEEDLOT WASTE AND AIR AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Bos; Chlortetracycline; Farm Animal Wastes; Hydrographs; Process Design; ...3.0092

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

SPRAY SYSTEM FOR DAILY REMOVAL OF LIQUID COW MANURE ...Agricultural Studies -general; Farm Animal Wastes; Sprinkler Irrigation; Waste Disposal on Soils; ...3.0099

BIOPOLYMERS AND POLYMER-PRODUCING MICROORGANISMS IN ACTIVATED SLUDGE ...Activated Sludge; Food Processing Wastes; Sewage - Domestic; Soil Bacteria; Waste Treatment Economics; Water Pollution Sources; ...3.0127

EFFECT OF IRRADIATION ON THE MICROECOSYSTEM OF SEWAGE ...Radiation; Sewage; Sewage Bacteria; ...3.0137

LAGOONS FOR DISPOSAL OF BARN YARD WASTES ...Aeration (water); Bos; Effluents - Waste Water; Farm Animal Wastes; Lagoon; Sewage Lagoons; Taste & Odor of Water; ...3.0152

FARM ANIMAL WASTES MANAGEMENT ...Air Cleaning Devices; Bos; Dust; Farm Animal Wastes; Poultry -nonspecific; Waste Type; ...3.0167

ELECTRICAL STIMULATION OF MICROBIAL WASTE TREATMENT ...Electric Field; Permeability; Sewage - Domestic; Waste Water Treatment -general; ...3.0180

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Climates -general; Farm Animal Wastes; Solid Waste; Waste Disposal on Soils; ...3.0197

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

IMPROVED CAPABILITIES OF BIOLOGICAL SYSTEMS TO ASSIMILATE OIL ...Activated; Degradation -see Pesticide Deg; Oil Removal; Petroleum Industry; Waste Water Treatment -general; ...3.0243

RESEARCH INITIATION - REMOVAL OF ORGANICS BY TRICKLING FILTERS ...Filtration; Organic Matter; Trickling Filters; ...3.0274

MICROBIOLOGICAL TREATMENT OF POTATO WASTES ...Bench Scale; Degradation -see Pesticide Deg; Food Processing Wastes; Plant Waste Removal, Treatment; Waste Water Treatment -general; ...3.0286

AGRICULTURAL WASTES - POULTRY MANURE DISPOSAL AND USE ...Economic Feasibility; Gallus Domesticus; Phaseolus; Soil pH; Vegetables; ...3.0297

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

MICROBIAL RELEASE OF SOLUBLE PHOSPHATE IN AN ACTIVATED SLUDGE ENVIRONMENT ...Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Gases; Sewage Bacteria; Waste Management -see Specific; Waste Water Treatment - general; ...3.0331

ECONOMIC OPTIMIZATION OF SECONDARY TREATMENT AND DETERMINATION OF LOAD TO CONTROL BIOLOGICAL GROWTHS IN A STREAM ...Aeration (water); Lagoon; Optimization, Economic; Secondary Treatment; Waste Treatment Economics; ...3.0336

EFFECTS OF GARBAGE COMPOST ON SOIL PROCESSES ...Florida; Nitrification; Soil Amendments; Soil Microbiology; Soil Organic Content; Waste Disposal on Soils; ...3.0366

SINGLE CELL PROTEINS FROM CELLULOSIC WASTES ...Catalysts; Cellular Catabolism-see Degrad; Disposal; Pilot Plants; Recoverable Materials; Waste Management -see Specific; ...3.0373

BIODEGRADATION OF POULTRY MANURE ...Farm Animal Wastes; Feces; Gallus Domesticus; Product Development Research; ...3.0377

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

CONSTRUCTION OF PESTICIDES DEGRADABLE BY NORMAL MICROFLORA OF NATURAL WATERS AND SOILS ...Biodegradation-see Degradation; Degradation -see Pesticide Deg; Microorganism-see Cell. Catab.; Pesticide Action on Animals; Pesticide Degradation -see Deg; Pesticides -see Pesticide; ...4.0030

DISPOSING OF SURPLUS PESTICIDES AND PESTICIDE CONTAINERS ...Chemical Degradation; Disposal; Herbicides -nonspecific; Insecticides -nonspecific; Nematocides -nonspecific; Pesticide Residues Removal; Waste Type; ...4.0046

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Biological Effects; Cellular Catabolism-see Degrad; DDT; Dieldrin; Lake Michigan; Microorganism-see Cell. Catab.; Pesticide Residue Analysis; Pesticide Residues Removal; ...4.0075

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Cotoran; Leaching; Mulma; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

INSECTICIDE DECONTAMINATION OF COLORADO SOILS BY UTILIZATION OF ANIMAL WASTES ...Chlorinated Hydrocarbons; Contamination - Soil; Insecticides -nonspecific; Pesticide Persistance in Soils; Pesticide Residues Removal; Soil Microbiology; ...4.0092

LONG-TERM EFFECTS OF DIFFERENT SYSTEMS OF WEED CONTROL IN CROP ROTATIONS ON ECOLOGY AND CROP PRODUCT ...Pesticide Action on Plants; Pesticide Residue Analysis; Soil Chemical Properties; Soil Microbiology; ...4.0105

EFFECT OF PESTICIDE USAGE ON SOIL MICROFLORA IN AGRONOMIC AND HORTICULTURAL CROPS ...Pesticide Degradation -see Deg; Pesticide Evaluation; Pesticide Toxicity to Microorg; Pesticides -nonspecific; Soil Microbiology; ...4.0135

THE ROLE OF MICROFLORA IN THE PERSISTENCE AND DECOMPOSITION OF PESTICIDE RESIDUES ...Biodegradation-see Degradation; Chlorine; Degradation; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; ...4.0151

INTERACTION OF HERBICIDES AND SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Degradation -see Pesticide Deg; Pesticide Persistance in Soils; Pesticide Residues Removal; Soil Aeration; Soil Microbiology; ...4.0153

DEGRADATION OF ORGANOPHOSPHORUS INSECTICIDES IN SOIL ...Malathion; Metabolites From Pesticides; Models of Biological Systems; Pesticide Persistance in Soils; Soil Microbiology; ...4.0195

BIOLOGICAL CONTROL OF HELIOTHIS ZEA ATTACKING COTTON ...Animal Distribution; Biological Control; Methyl Parathion; Pesticide Evaluation; Population Dynamics -general; ...4.0221

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

PESTICIDE RESIDUE METABOLITES ...Caricaceae; Herbicides and Other Chem; Organophosphorous Cpds.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0299

ECOLOGY AND METABOLISM OF PESTICIDES BY SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg; Soil Microbiology; ...4.0365

MICROBIAL DEGRADATION OF HERBICIDES ...Herbicides - nonspecific; Pesticide Degradation -see Deg; Soil Microbiology; ...4.0378

CONTROL OF POTATO PESTS ...Captan; Difolatan; Fore; Fusarium; Pesticide Application Rates; Pesticide Phytotoxicity; Residues in Foods; Solanum; Vegetables; ...4.0396

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

THE ROLE OF RHIZOSPHERE MICROORGANISMS IN THE ACTION OF HERBICIDES ON PLANTS ...Ammonification Or Decay; Fungicides -nonspecific; Insecticides -nonspecific; Nitrification; Pesticide Interaction With Env; Pesticides Compatibility; Rhizosphere; ...4.0468

HONEY BEE BEHAVIOR AND UTILIZATION ...Citrus; Herbicides -nonspecific; Insects - Beneficial; Streptomycin; Tetracycline; ...4.0535

EXPANDING REPORT ON EFFECTS OF PESTICIDES ...Chemical Carcinogenesis; Experimental Teratology; Pesticide Toxicity - general; Pesticide Toxicity in Humans; Pesticides -nonspecific; Toxicology; ...4.0646

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Cladosporium; Herbicides -nonspecific; Mucor; Penicillium; Pesticide Toxicity to Microorg; Tobacco -cigarettes; Toxic Substances; ...4.0800

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; Trifluralin; ...4.0950

EFFECTS OF PESTICIDES ON PROTEIN, CARBOHYDRATE, AND NUCLEIC ACID METABOLISM. INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Bacteria - nonspecific; Cellular Biosynthesis; Microorganism-see Cell. Catab.; Pesticide Action on Animals; Pesticides -nonspecific; Yeasts -nonspecific; ...4.0961

BIOLOGICAL INTERACTIONS WITH SYSTEMIC FUNGICIDES ...Basidiomycetes; Fungi -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; Plant; Vitavax; ...4.0965

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; Zea Mays - Field Corn; ...4.0982

INSECTICIDAL RESIDUES ...Carbon; Diazinon; Medicago; Methoxychlor; Pesticide Application Rates; Pesticide Persistance in Soils; Plant; Soil Microbiology; ...4.0985

THE CHEMISTRY AND TOXICOLOGY OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Food Contamination; Pesticide in Food Chains; Pesticides -nonspecific; ...4.1001

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC. IN SOILS ...Antibiotics -nonspecific; Benzoic Acid Cpds.; Herbicides -nonspecific; Loam -see Soil Types; Nitrosomonas -nonspecific; Pesticide Persistance in Soils; Plant Residues, Humus, Compost; Soil Microbiology; ...4.1051

EQUIPMENT AND METHODS FOR DECONTAMINATION AND DISPOSAL OF PESTICIDES AND PESTICIDE CONTAINERS ...Combustion; Formulations -nonspecific; Incineration; Nitrification; Pesticide Degradation -see Deg; Sevin; Waste Water Degradation; ...4.1052

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Crustacea; Laboratory Animals; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...4.1055

MICROFLORA IN THE SURROUNDINGS OF REACTORS, IRRADIATION PLANTS, & OTHER AREAS WITH A HIGH LEVEL OF IRRADIATION OVER A LONG DURATION (ABBREV) ...Air Pollution Sampling; Impact on Environment; Microorganisms; Nuclear Reactors; Radiation; Radiation Sensitivity -man; Radiation Sources -general; ...5.0026

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands, Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

CHARACTERISTICS OF HANFORD PROJECT SOILS ...Arid and Desert Regions, Disease Resistance; Reactor Sites & Rad Waste; Soil Amendments; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; ...5.0085

RADIATION PROTECTION AND RECOVERY IN GERMFREE ANIMALS ...Muridae; Radiation Injury Prevention; Radiation, Whole Body; X and Gamma Rays; ...5.0325

TOXICITY OF 144CE INHALED IN FUSED CLAY BY THE BEAGLE DOG ...Aerosols; Body Isotope Burden; Cerium; Respiratory Irritants, Inhaled; ...5.0426

TOXICITY OF INHALED 91Y CHLORIDE IN THE BEAGLE DOG ...Canidae; Feces; Respiratory Irritants, Inhaled; Urine; Yttrium; ...5.0430

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Biochemical Analysis - Tissues; Fission Products-see Radioact.; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Respiratory Irritants, Inhaled; ...5.0436

RADIATION SENSITIVITY OF THE MICROBIAL FLORA OF FRESH WHITE (LEAN) FISH ...Radiation Sensitivity -man; Salmonidae; ...5.0608

A STUDY OF INFECTIONS IN IRRADIATED PATIENTS ...Aerobic Bacteria; Anaerobic Bacteria; Intestinal Bacteria; Phagocytosis; Radiation, Whole Body; Ug-system Bacteria, 5.0626

INFLUENCE OF THE MICROBIAL ENVIRONMENT ON AGING AND LONG TERM EFFECTS OF RADIATION ...Muridae; Radiation Effects - Biological; ...5.0651

PATHOLOGICAL RESPONSES TO SELECTED AEROSPACE ENVIRONMENTS ...Altitude; Aviation Medicine; Environmental Effects - Human; Laser Effects -bioeffects; Radiation Effects - Biological; Toxic Substances; X and Gamma Rays; ...5.0703

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Mammals -nonspecific; Microorganisms; Picea; Plants; Populus; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0769

Microscopy

CHARACTERIZING ASBESTOS-BEARING AEROSOLS ...Aerosols; Air Pollution -see Specifics; Asbestos; Diffraction; Respiratory Irritants, Inhaled; ...1.0004

STUDY OF PETROGRAPHIC AND MINERALOGICAL CHARACTERISTICS OF CARBONATE ROCKS RELATED TO SULFUR OXIDE SORPTION IN FLUE GASES ...Absorption - Chemistry; Carbonates; Environmental Geology; Power Plants; Trace Element Analysis; ...1.0553

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Air Pollution-chemistry; Electron Diffraction; Fluorometry; Reduction Reactions; X-ray Spectroscopy; Xray Diffraction; ...1.0629

ANALYSIS OF SUSPENDED PARTICULATE SAMPLES (ABBREV) ...Air Pollution-chemistry; Atomic Absorption; Emission Spectroscopy; X-ray Spectroscopy; Xray Diffraction; ...1.0832

MOLECULAR INTERACTIONS AT THE OIL-WATER INTERFACE AND THE FORMATION OF MICROEMULSIONS ...Detergents -see Surfactants; Electrochemistry; Oil Removal; Petroleum Wastes - Spillage; Spectrographic Techniques; Surfactants -see Detergents; ...2.0273

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Radiochemical Analysis; Soil Chemical Properties; Water Pollutants - Path of; Water Quality -general; ...2.0314

THE SIGNIFICANCE AND CONTROL OF WASTEWATER FLOATABLES IN COASTAL WATERS ...Bacterial Pollutant Sources; Chromatography; Coliforms -nonspecific; Effluents - Waste Water; Infrared Spectroscopy; Marine Pollution; Waste Management -see Specific; ...2.0488

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Air - Sea Boundary Studies; Atomic Absorption; Bays; Degradation -see Pesticide Deg; Hawaii; Marine Pollution; Organic Matter; Water Pollutant Identification; ...2.0567

INFLUENCE OF SUSPENDED MICROSCOPIC SUBSTANCES ON THE METABOLISM OF MICROORGANISMS RESPONSIBLE FOR BIOLOGICAL ENRICHMENT OF WATER ...Adsorption Capacity; Ecological Effects; Microorganisms -nonspecific; Pesticides -nonspecific; Sediments; Water Pollutants - Path of; ...2.0723

RESEARCH INITIATION-PHYSIOLOGICAL AND STRUCTURAL STUDIES OF SPHAEROTILUS NATANS IN RELATION TO THE BULKING OF ACTIVATED SLUDGE ...Activated Sludge; Bacterial Morphology; Chemical Analysis (water); Isotope Tracer -see Tracers; Sphaerotilus; ...3.0271

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

ELECTROMAGNETIC RADIATION MEASUREMENT METHODS AND CALIBRATION ...Dosimetry; Electrical Phenomena; Electromagnetic Field; Radiation Detectors; Thermoluminescent Detectors; ...5.0853

Microwave and Radiofrequency

NAVY ENVIRONMENT--EPIDEMIOLOGICAL STUDY OF MICROWAVE INJURY IN NAVAL PERSONNEL ...Human Developmental Biology; Interaction With Matter; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0028

NAVY ENVIRONMENT--EVALUATION OF THE SAFETY EXPOSURE LIMITS OF RADAR USED BY NAVAL PERSONNEL ...Interaction With Matter; Military Personnel; Occupational Hazards; Radar; Radiation Effects - Biological; Radiologic Health; ...5.0083

BEHAVORIAL EFFECTS OF LOW INTENSITY UHF RADIATION ...Auditory Stress; Electromagnetic Field; Muridae; Psychology; Radiation, Low Level; ...5.0093

NAVY ENVIRONMENT - NONTHERMAL HAZARDS OF EXPOSURE TO RADIOFREQUENCY AND MICROWAVE FIELDS ...Environmental Effects - Human; Interaction With Matter; Military Personnel; Mutagenesis -nonspecific; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0216

TO STUDY BIOLOGICAL HAZARDS OF RADIO FREQUENCY RADIATION ...Injury and Shock; Radiation Effects - Biological; ...5.0217

EFFECTS OF MICROWAVE RADIATION ON NAVAL PERSONNEL ...Military Personnel; Radiation Dose Studies-general; Radiation, Low Level; ...5.0249

NAVY ENVIRONMENT - EFFECTS OF MICROWAVE RADIATION ON NAVAL PERSONNEL ...Interaction With Matter;

Military Personnel; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0262

PARENTAL RADIATION EXPOSURE AND DOWN'S SYNDROME, WITH PARTICULAR ATTENTION TO IONIZING RADIATION AND RADAR (21) ...Human Developmental-Biology; Interaction With Matter; Ionizing Radiation -see Rad.; Radiation Effects - Biological; ...5.0349

STUDIES ON EFFECT OF MICROWAVE IRRADIATION ON TURNOVER RATE OF SEROTONIN AND NOREPINEPHRINE IN RODENT BRAIN ...Radiation Effects - Biological; Rodentia - other; Temperature & Humidity Effects; Temperature - Human Body; ...5.0352

EXPERIMENTAL ELECTROMAGNETIC RADIATION STUDIES ...Canidae; Electromagnetic Field; Escherichia Coli; Primates - nonspecific; Radiation Sensitivity -man; ...5.0370

BIOLOGICAL RESPONSES TO RADIOFREQUENCY RADIATION ...Muridae; Radiation Effects - Biological; Radiation Effects - Man; Radiation, Whole Body; ...5.0463

HUMAN BODY INTERACTION TO RF ENVIRONMENTS ...Data Reduction and Analysis; Electromagnetic Field; Interaction With Matter; Occupational Hazards; Statistics; ...5.0730

NAVY ENVIRONMENT--PHYSIOLOGICAL, PATHOLOGICAL AND BEHAVIORAL EFFECTS OF MICROWAVE RADIATION ...Microwave Engineering; Military Personnel; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0740

DEVELOP ELECTROMAGNETIC HAZARD METER ...Electromagnetic Field; Instrument Services; Instrumentation; Microwave Engineering; Military Personnel; Submarine & Diving Medicine; ...5.0799

CHEMICAL DOSIMETRY ...Detectors and Sensors; Instrumentation; Polymerization; Radiolysis; ...5.0884

ELECTROMAGNETIC POWER ABSORPTION MEASUREMENTS FOR RADAR HAZARDS ASSESSMENT AD SURVEILLANCE SYSTEMS ...Canidae; Electromagnetic Field; Infra Red; Radiation Effects - Biological; Surveillance, Electronic; ...5.0915

PERSONNEL EXPOSURE CRITERIA FOR OPERATIONAL RADIOFREQUENCY RADIATION ENVIRONMENTS ...Interaction With Matter; Occupational Hazards; Radiation Dose Studies-general; Radiation Injury Prevention; Radiologic Health; ...5.0945

Military Buildings

UTILITIES IN PERMAFROST FOR MILITARY INSTALLATIONS ...Building Construction; Building Design; Electric Power Plants; Permafrost - Frozen Soils; Sewage - Domestic; Waste Disposal-see Solid Waste; ...3.0214

Military Personnel

EFFECTS OF DENTAL AEROSOLS ON OPERATORY AND SUBMARINE ENVIRONMENTS ...Aerosols; Air Pollution -see Specifics; Bacterial Toxins -nonspecific; Environmental Effects - Human; Oral Bacteria; Submarine & Diving Medicine; ...1.0190

EFFECT OF EXPOSURE TO THE TOTAL SUBMARINE ATMOSPHERIC ENVIRONMENT ON PHYSIOLOGICAL FUNCTIONS ...Aerosols; Air Pollution -see Specifics; Carbon Monoxide; Environmental Effects - Human; Respiratory Irritants, Inhaled; Submarine & Diving Medicine; Toxicology; ...1.0191

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aircraft; Aviation Medicine; Detectors and Sensors; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Tobacco -cigars; Toxic Substances; ...1.0194

TOXIC EFFECTS OF AIR FORCE CHEMICALS AND MATERIALS ...Air Pollution -see Specifics; Aviation Medicine; Environmental Effects - Human; Mammals -nonspecific; Occupational Hazards; Toxic Substances; Toxicology; ...1.0218

PERFORMANCE, RECOVERY, AND MAN-MACHINE EFFECTIVENESS ...Fatigue; Performance - Behavioral Study; Sleep Deprivation, Fatigue; Stressors, Physiological; Systems Research, Temperature & Humidity Effects; Vibrations, -bioeffects; ...1.0298

TRACE CONTAMINANTS ASSOCIATED WITH MAN IN AIR FORCE SYSTEMS ...Electronic Control Systems; Space Science and Technology; ...1.0300

DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR THE MEASUREMENT OF TRACE CONTAMINANTS IN AIR FORCE MANNED WEAPON SYSTEMS ...Aviation Medicine; Controlled Atmosphere; Electron Spectroscopy; Respiratory Irritants, Inhaled; Trace Analysis; ...1.0848

NAVY ENVIRONMENT SUITABILITY OF SALIVA SAMPLING FOR MONITORING BLOOD LEVELS OF INHALED POISONS AND OF ADMINISTERED MEDICATION ...Digestive System - Human; Environmental Effects - Human; Occupational Hazards; Respiratory Irritants, Inhaled; Toxic Substances; Toxicology; ...1.0853

STUDIES CONCERNING THE EFFECTIVENESS, STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Biochemical Analysis - Tissues; Disinfectants & Antiseptics Ns; Field Water Purification; Pesticide Evaluation; Sanitation; Viral Pollutant Sources; ...2.0929

NEW APPROACHES TO INSECT CONTROL IN MILITARY INSTALLATIONS WITHOUT THE USE OF PESTICIDES ...Mammals -nonspecific; Water Pollution -see Specifics; ...4.0560

NAVY ENVIRONMENT--EVALUATION OF THE SAFETY EXPOSURE LIMITS OF RADAR USED BY NAVAL PERSONNEL ...Interaction With Matter; Microwave and Radiofrequency; Occupational Hazards; Radar, Radiation Effects - Biological; Radiologic Health; ...5.0083

THE EFFECT OF LASER ENERGY ON CELLS IN TISSUE CULTURES ...Cell Injury and Autolysis; Laser Effects -bioeffects; Occupational Hazards; ...5.0173

NAVY ENVIRONMENT - NONTHERMAL HAZARDS OF EXPOSURE TO RADIOFREQUENCY AND MICROWAVE FIELDS ...Environmental Effects - Human; Interaction With Matter; Microwave and Radiofrequency; Mutagenesis -nonspecific; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0216

RESPONSE OF CELLS DERIVED FROM SJTS INJURED BY PHYSICAL TRAUMA, RADIATION OR INFECTIOUS AGT EXPOSURE ...Biological Dosimetry; Cell Injury and Autolysis; Cercopithecoidea; Occupational Hazards; Radiation; Radiologic Health; Trauma; ...5.0241

LASER SAFETY IN MILITARY TRAINING DEVICES ...Accident; Cell Injury and Autolysis; Laser Effects -bioeffects; Lasers and Masers; Occupational Hazards; ...5.0248

EFFECTS OF MICROWAVE RADIATION ON NAVAL PERSONNEL ...Microwave and Radiofrequency; Radiation Dose Studies-general; Radiation, Low Level; ...5.0249

NAVY ENVIRONMENT - EFFECTS OF MICROWAVE RADIATION ON NAVAL PERSONNEL ...Interaction With Matter; Microwave and Radiofrequency; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0262

AIRCREW VISUAL IMPAIRMENT/INJURY THRESHOLDS FROM NUCLEAR WEAPONS ...Cell Injury and Autolysis; Mammals -nonspecific; Nuclear Warfare; Radiation; Radiation Dose Studies-general; Radiologic Health; ...5.0357

EFFECTS OF THERMAL RADIATION ON PERSONNEL IN NUCLEAR WARFARE ...Burns; Mathematical Models; Nuclear Warfare; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; Toxic Substances; ...5.0373

OCULO-VISUAL EFFECTS - PHYSICAL STIMULUS IN NUCLEAR WARFARE ...Burns; Nuclear Warfare; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; ...5.0374

HUMAN EYE LASER THRESHOLDS FOR AIR FORCE OPERATIONAL PERSONNEL ...Laser Effects -bioeffects; Lasers and Masers; Mammals -nonspecific; Minimum Or Threshold Dose; ...5.0399

RADIATION ALTERED AIRCREW TRACKING ABILITY ...Cercopithecoidea; Performance - Behavioral Study; Psychology; Radiation Effects - Biological; Radiation Sources -general; Sensory & Perceptual Processes; Systems Research; ...5.0700

BIOLOGICAL EFFECTS OF RADIATION EXPOSURES FROM LONG DURATION FLIGHTS AND REPEATED MISSIONS IN LOW DOSE LEVEL ENVIRONMENTS ...Altitude; Beta Particles; Nuclear Warfare; Pilots; Radiation, Low Level; X and Gamma Rays; ...5.0704

NAVY ENVIRONMENT--PHYSIOLOGICAL, PATHOLOGICAL AND BEHAVIORAL EFFECTS OF MICROWAVE RADIATION ...Microwave and Radiofrequency; Microwave Engineering; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0740

DEVELOP ELECTROMAGNETIC HAZARD METER ...Electromagnetic Field; Instrument Services; Instrumentation; Microwave and Radiofrequency; Microwave Engineering; Submarine & Diving Medicine; ...5.0799

NAVY RADIOLOGICAL CONTROL TEAM ...Accident; Cooperative Studies; Nuclear Warfare; Occupational Hazards; Radiation Injury Prevention; ...5.0854

NAVY ENVIRONMENT - MEASUREMENT OF TISSUE DAMAGE IN NAVY PERSONNEL EXPOSED TO IONIZING RADIATION IN THE LINE OF DUTY ...Cell Injury and Autolysis; Ionizing Radiation -see Rad.; Occupational Hazards; Radioactive Hazard; X and Gamma Rays; ...5.0913

OPERATIONAL SAFETY CRITERIA FOR LONG TIME EXPOSURE TO LASER RADIATION ...Laser Effects -bioeffects; Lasers and Masers; Mathematical Models; ...5.0946

WHOLE-BODY EFFECTS OF AIR FORCE NOISE ON PEOPLE ...Auditory Physiology; Aviation Medicine; Infra Red; Noise; Performance - Behavioral Study; Sensory & Perceptual Processes; Ultrasonic -bioeffects; ...6.0010

COMMUNICATIONS--FUNDAMENTAL INFORMATION TO GUIDE THE DESIGN OF NAVY AUDITORY DISPLAYS ...Acoustics; Auditory Physiology; ...6.0072

PERSONNEL TECHNOLOGY - NAS/NRC ADVISORY SERVICES ON OPERATIONAL PROBLEMS OF VISION AND HEARING ...Acoustics; Aviation Medicine; Consultants, Advisory Services; Pilots; Vibrations, -bioeffects; ...6.0077

OPTIMIZATION OF SPEECH COMMUNICATIONS IN NAVAL AVIATION ...Aviation Medicine; Noise; Pilots; Stressors, Physiological; ...6.0079

IMPROVED WEAPON NOISE EXPOSURE CRITERIA ...Consultants, Advisory Services; Noise; Occupational Hazards; ...6.0085

EFFECTS OF NOISE ON AIR FORCE PERSONNEL IN OPERATIONAL ENVIRONMENTS ...Communication; Hearing Loss and Deafness; Noise; Pilots; Sensory & Perceptual Processes; Space Medicine - Exobiology; ...6.0114

Military Sciences

BACKFLOW PREVENTION DEVICES FOR POTABLE WATER SYSTEMS AT NAVAL SHORE FACILITIES ...Potable Water; Water Quality Control -general, Water Utilization -domestic; ...2.0886

DETERMINE FEASIBILITY CHARACTERISTICS OF TUBULAR RO PROCESS ...Field Water Purification; Gas Chromatography; Reverse Osmosis; Tubular Membranes; Water Quality Control - general; ...2.0953

ARMY PULSE RADIATION FACILITY (REACTOR OPERATION) ...Core Reactors; Nuclear Reactors, Radiation Shielding; ...5.0849

SPECTRAL MEASUREMENT OF NUCLEAR THERMAL OUTPUT FOR HAZARD PREDICTION ...Heat Transmission; Nuclear Detonations; Radiation -see Specifics; Radiation Injury Prevention; ...5.0944

DEVELOPMENT OF QUIET ENGINES FOR NAVAL AIRCRAFT PROPULSION ...Engines; ...6.0008

Mine Drainage Control

INVESTIGATIONS OF MINERAL DEPOSITS THAT INFLUENCE WATER QUALITY ...Mineral Processing Industry; Runoff (water); Water Pollution Sources; Water Quality -general; Water Supply -general; ...2.0048

DRAINAGE OF PENNSYLVANIA ANTHRACITE MINES ...Acid Mine Drainage; Data Acquisition; Local Stratigraphy; Mine Hydrology; Structural Analysis - Geology; ...2.0093

WATER POLLUTION AND ITS CONTROL BY MICROBIAL METABOLIC ACTIVITIES ...Acid Mine Drainage; Cellular Metabolism - Controls, Chemical Effects; Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; Sulfur Bacteria; Water Quality Control - general; ...2.0160

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0308

SANITARY LANDFILLS IN COAL STRIP MINES ...Coal; Groundwater; Leaching; Sanitary Landfills; Water Pollutants - Path of; Water Quality Control -general; ...2.0341

ACID MINE DRAINAGE - PILOT PLANT EVALUATION ...Acid Mine Drainage; Aeration (water); Core Analysis; Microorganisms -nonspecific; Model Studies; ...2.0345

GEOCHEMICAL BEHAVIOR OF IRON AND MANGANESE IN A RESERVOIR (LAKE LYNN, WEST VIRGINIA) FED BY STREAMS CONTAINING ACID MINE DRAINAGE ...Acid Mine Wastes; Analysis and Detection; Geochemical Analysis (water); Precipitation; Sediments; Stratification (water); West Virginia; ...2.0431

AQUATIC-BIOTIC COMMUNITY STRUCTURE AS AN INDICATOR OF POLLUTION ...Acidity (water); Benthic Fauna; Invertebrates -nonspecific; Pollution Effects -see Water; Species Diversity (measurement; Strip Mines; ...2.0469

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage; Alkalinity (water); Automatic Data Aquisition; Chemical Water Properties; Mineralogical Water Properties; Ohio; Water Properties -general; Zinc; ...2.0733

ESTIMATING ACID MINE DRAINAGE POTENTIAL FROM COAL BEDS BY USE OF THE SOXHLET EXTRACTOR ...Acid Mine Wastes; Acidity (water); Coal Research; Drainage; Mine Hydrology; Temperature; Water Pollutant Identification; ...2.0752

AN INVESTIGATION OF ACID MINE DRAINAGE CHEMICAL POLLUTANTS USING LASER-RAMAN AND INFRARED SPECTROSCOPIES ...Acid Mine Wastes; Chemical Analysis (water); Infrared Spectroscopy; Raman Spectroscopy; Zinc; ...2.0764

CHEMICAL CHARACTERISTICS OF WATERS IN FLOODED BITUMINOUS-COAL MINESHAFTS ...Acidity (water); Bituminous; Chemical Water Properties; Geochemical Analysis (water); Mine Hydrology; Mineralization; Water Pollutant Identification; ...2.0852

FACTORS AFFECTING MINE DRAINAGE AND THE GROUND WATER INTERACTIONS IN SELECTED AREAS OF WESTERN PENNSYLVANIA (PART 2) ...Acid Mine Drainage; Aquifers; Chemical Analysis (water); Groundwater; Groundwater Movement; Pennsylvania; Strip Mines; ...2.0938

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acid Mine Drainage; Acidity (water); Algal Physiology; Alkalinity (water); Oxygen Content (water); Plant Freshwater Ecology; Rehabilitation -streams -lakes; Waste Water Treatment -general; ...2.1079

MINING-POLLUTION CONTROL TECHNOLOGY - OIL PRODUCTION GROUND-WATER RECLAMATION BY SELECTIVE PUMPING ...Brines; Groundwater Basins; Petroleum Industry; Petroleum Research; Recovery - Production; Waste Material Recovery; ...2.1082

MICROBIOLOGICAL REMOVAL OF IRON FROM MINE DRAINAGE WATERS ...Acid Mine Wastes; Demineralization; Oxidation; Reduction Reactions; Waste Water Treatment - general; ...2.1384

RECOVERY OF IRON IN A MORE DENSE FORM FROM COAL MINE DRAINAGE ...Acid Mine Wastes; Bench Scale; Mineral Processing Industry; Waste Material Recovery; ...2.1393

STUDY OF THE USE OF INERT GASES TO ELIMINATE ACID POLLUTION FROM ABANDONED DEEP MINES ...Acid Mine Wastes; Mine Atmosphere Conditions; Mine Hydrology; Pressure - Density; Underground Workings; ...2.1399

ENVIRONMENTAL CONTROL RESEARCH CONTROL TECHNIQUES, FIELD TESTING, AND EVALUATION ...Acid Mine Drainage; Chemical Analysis (water); Data Acquisition; Effluents - Waste Water; Mining Industry; Water Pollution Sources; ...2.1401

IMPROVED EXTRACTION SYSTEM - WATER CONTROL - CONTROL TECHNIQUES, FIELD TESTING AND EVALUATION ...Acid Mine Drainage; Analytical Instruments; Coal; Data Acquisition; Geology -general; Mine Atmosphere Conditions; Soil Tillage; ...2.1402

A DEMONSTRATION OF A NEW MINING TECHNIQUE TO PREVENT THE FORMATION OF MINE ACID IN AN ACTIVE DEEP COAL MINE ...Acid Mine Drainage; Coal; Explosions - Fires; Mine Hydrology; ...2.1450

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Acid Mine Drainage; Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Lakes; Mining Industry; Physical Water Properties; Waste Water Treatment -general; ...2.1551

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Catostomidae; Effluents - Waste Water; Manganese; Mining Industry; Pollution Effects -see Water; Sediments; Toxic Minerals; Water Purification; ...2.1746

PLANNING AND SPECIAL STUDIES ...Aeration (water); Meetings; Nitrogen and Nitrogen Cpds.; Toxic Minerals; Water Quality -general; Water Resources Planning; ...2.1802

Mineral Analysis

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

AREAL DISTRIBUTION AND PROVENANCE OF SEDIMENTS IN ST. GEORGE RIVER, KNOX COUNTY, MAINE ...Core Analysis; Drilling and Coring; Estuaries; Maine; Sediment Provenance Studies, Sediments; Size; ...2.0168

HYDRO- AND BIO-GEOCHEMISTRY OF HEAVY METALS ...Geological Exploration; Soil Water Plant Relationships; ...2.0511

PARTITION COEFFICIENTS FOR FE, MN, CO, NI, ZN, CU, BETWEEN RIVER WATER AND SUSPENDED LOAD ...Dissolved Load; Sediments; Trace Element Analysis; Water Standards & Baselines; ...2.0590

Mineral Processing Industry

PROCESSING RETORTING WATERS AND GASES FOR POLLUTION CONTROL ...Effluents - Waste Water; Oil Shale; Recovery - Production; Waste Material Recovery; Water Costs; ...1.0664

INVESTIGATIONS OF MINERAL DEPOSITS THAT INFLUENCE WATER QUALITY ...Mine Drainage Control; Runoff (water); Water Pollution Sources Water Quality -general; Water Supply - general; ...2.0048

FLOCCULATION AND CLARIFICATION OF MINERAL SUSPENSIONS ...Electrochemistry; Flocculation; Iron; Minnesota; Streaming Potential; ...2.1311

RECOVERY OF IRON IN A MORE DENSE FORM FROM COAL MINE DRAINAGE ...Acid Mine Wastes; Bench Scale; Mine Drainage Control; Waste Material Recovery; ...2.1393

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

STABILIZATION OF PLANT TAILINGS ...Erosion; Mine Wastes; Soil Cover Crops; Wind Erosion; ...3.0327

Mineralogical Water Properties

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Elevation Levels; Altitude; Erosion; Forest Watersheds; Oligotrophic Lakes; Optical Properties of Water; Recreation, Water Resources; Temperature Or Heat Budgets; Turbidity (water); ...2.0032

WATER QUALITY AND NUTRIENTS, SACRAMENTO-SAN JOAQUIN RIVER SYSTEM ...Animal Productivity; California; Eutrophication; Fish; Nutrients; Organic Water Properties; Plankton; Tides; ...2.0041

PREDICTION OF MINERAL QUALITY OF RETURN FLOW WATER FROM IRRIGATED LAND ...Computer Models; Effluents - Waste Water; Irrigation; Percolation (water); Soil Chemical Properties; Water Storage; ...2.0067

SMALL IMPOUNDMENTS - FOSS RESERVOIR ...Management (water); Reservoirs and Impoundments; Sediments; Turbidity (water); Water Quality -general; ...2.0073

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Biological Water Properties; Chemical Water Properties; Chlorine; Drainage; Fertilizers; Irrigation; Soil Chemical Properties; Temperature (water); Water Quality -general; ...2.0120

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Eutrophication; Indiana; Lakes; Organic Properties; Synoptic Weather Observations; Temperature - Air; Vertical Distribution; Water Stratification; ...2.0137

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Lime Treatment Model Studies; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0142

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Analysis (water); Environmental Influences; Eutrophication; Iowa; Nutrients; Water Pollutant Identification; Water Standards & Baselines; ...2.0143

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water); Alkalinity (water); Chemical Water Properties; Drainage; Drainage Engineering; Pesticide Residues; Phosphorus and Phosphorus Cpds; Zea Mays - Field Corn; ...2.0149

THE COLIFORM BACTERIA, PLANKTON, & RELATED PHYSICO-CHEMICAL FACTORS IN LAKE PONTCHARTRAIN AT NEW ORLEANS, LA ...Acidity (water); Bottom Sampling; Louisiana; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Sediments; Water; ...2.0164

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control - general; ...2.0166

MICROBIAL INTERVENTION IN THE EUTROPHICATION PROCESS ...Algae -nonspecific; Aquatic Soils; Deposits; Eutrophication; Organic Properties; Plant Food Chains; ...2.0177

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS . Animal Productivity; Density; Dystrophic Lakes; Nutrients; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Productivity -general; Stratification (water); ...2.0195

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Erosion; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; Water Depth, Water Levels; ...2.0205

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Biological Effects; Cooperative Studies; Estuaries; Invertebrates -nonspecific; Nitrogen and Nitrogen Cpds.; Size; Texture; ...2.0210

STUDIES ON INORGANIC NUTRIENT ASSIMILATION RATES IN ESTUARINE PONDS ...Estuaries; Nitrogen and Nitrogen Cpds.; Nutrients, Phosphorus and Phosphorus Cpds; Ponds; ...2.0212

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

POLLUTION STUDIES OF THE REGIONAL OGALLALA AQUIFER AT PORTALES, NEW MEXICO ...Aquifers; Bacterial Pollutant Sources; Coliforms -nonspecific; New Mexico; Pseudomonas; Sewage Bacteria; ...2.0254

EUTROPHICATION TIDAL WATERS ...Algal Physiology; Brackish Water; Estuaries; Marine Plants; New York; Optical Properties of Water; Tidewater Areas; ...2.0262

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Algal Physiology; Environmental Influences; Eutrophication; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Phytoplankton; Temperature (water); ...2.0263

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Algae -nonspecific; Aquatic Soils; Ecological Effects; Eutrophication; Hydrocharitaceae; Phytoplankton; Plant Succession; Potamogetonaceae; ...2.0266

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Fertilizers; Plant Pollutants; Rainfall Simulators; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN ...Aquatic Distribution; Environmental Influences; Lower Plants; Phosphorus and Phosphorus Cpds; Phytoplankton; Runoff (water); Taxonomy -plant; Water Quality - general; ...2.0274

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Algal Physiology; Estuaries; Eutrophication; Marine Plants; North Carolina; Phosphorus and Phosphorus Cpds; Phytoplankton; Water Pollutant Identification; ...2.0291

INFLUENCE OF WATER QUALITY IN MAINTAINING WHITENESS WHEN LAUNDERING WHITE FABRICS ...Bleaching, Coloring; Fibers, Home Economics; Materials -properties; Organic Matter; Water Quality -general; ...2.0297

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties; Contamination - Water; Environmental Influences; Mineral Nutrition; Nutrient Studies -animal; Photosynthesis; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines; ...2.0299

CHEMISTRY OF MINERALIZED WATERS ...Arsenic; Bromine; Chlorine; Fluorine; Geology -general; Iodine; Origin; Water Quality fgeneral; ...2.0311

GEOCHEMISTRY OF OILFIELD BRINES ...Analysis and Detection; Bromine; Gas -natural; Origin; Petroleum Wastes - Spillage; Trace Analysis; ...2.0312

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Bacteria- Ecology; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Eutrophication; Lake Deposits; Oregon; Water Bacteria; ...2.0324

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Physical Control; Phytoplankton Sediments; Turbidity (water); Washington; Water Depth; Water Levels; ...2.0332

EUTROPHICATION - SEDIMENT WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Chemical Properties; Eutrophication; Geochemical Analysis (water); Nutrients; Organic Properties; Soil Chemical Properties; Water Bacteria; ...2.0336

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality -general; ...2.0349

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Chlorine; Forecasting - Prediction; Lakes; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; Water Pollution Sources; ...2.0359

A STUDY TO EVALUATE THE EFFECT OF SILT AND SILT REMOVAL IN A NORTHERN PRAIRIE LAKE ...Aquatic Soils; Eutrophication; Nutrients; Sediments; Silting (water) -see Sediment; Water Pollution Sources; ...2.0364

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

NUTRIENT BUDGETS, RECYCLING, AND WATER TRANSPORT IN LAKE CHAMPLAIN ...Biochemical Oxygen Demand; Chlorine; Lake Champlain; Lakes; Nutrients; Organic Water Properties; Vermont; ...2.0404

AN EVALUATION OF THE PRODUCTIVITY CHANGES ASSOCIATED WITH LIMING OF SHERWOOD LAKE, WEST VIRGINIA ...Animal Productivity; Fish; Lime Treatment; Population Dynamics -general; West Virginia; ...2.0410

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS ...Amphibious Plants; Biological Water Properties; Pesticides -nonspecific; Plant Freshwater Ecology; Radioisotopes; Springs; Washington; ...2.0414

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algae -nonspecific; Algal Physiology; Environmental Influences; Eutrophication; Lake Stages; Physical Control; Stratification (water); Washington; Water Supply Augmentation; ...2.0429

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algae - Cyanophyta; Algal Pollutant Sources; Chelation & Complexing; Detergent Builders; Phosphorus and Phosphorus Cpds; Water Chemistry; Wisconsin; ...2.0441

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Animal Productivity; Aquatic Plants -nonspecific; Glaciology; Nutrients; Plant Productivity -general; Sub - Polar Regions; Wild Rivers; ...2.0472

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; Zooplankton; ...2.0477

MINERAL ANALYSIS OF WATER ...Acidity (water); Chemical Analysis (water); Groundwater; Rural Areas; Water Quality Control -general; ...2.0480

UPPER ST JOHNS WATER QUALITY, FLORIDA ...Acidity (water); Florida; Pesticides -see Pesticide; Trace Elements; ...2.0549

PRODUCTIVITY AND MINERAL CYCLING ON NATURAL AND MANIPULATED ECOSYSTEMS ...Analysis of Ecosystems; Forest Watersheds; Nutrients; Plant Succession; Productivity of Terrestrial; ...2.0551

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Nutrient Studies -animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Cyprinodontidae; Temperature (water); Water Pollution Effects; ...2.0613

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection; Chemical Water Properties; Electrochemistry; Lead; Physical Water Properties; Trace Elements; Water Distribution Systems; Water Quality -general; Zinc; ...2.0623

NUTRIENT ENRICHMENT AND EUTROPHICATION OF LAKE MICHIGAN ...Algal Physiology; Eutrophic Lakes; Eutrophication; Phytoplankton; Water Pollution Sources; ...2.0627

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Algae -nonspecific Bioassays; Chemical Analysis (water); Eutrophication; Fertilizers -aquatic; Nutrients; Ponds; Water Pollutant Identification; ...2.0636

MAYFLY DISTRIBUTION AS A WATER QUALITY INDEX ...Animal Habitat Studies; Animal Productivity; Environmental Ecology; Mississippi River; Range Or Territorial Distr.; Turbidity (water); Water Quality -general; ...2.0648

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water); Animal Productivity; Chemical Water Properties; Ohio; Physical Water Properties; River Basins; Systems Analysis - Water Mgmt; Taxonomy -plant; Water Pollutant Identification; ...2.0722

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage; Alkalinity (water); Automatic Data Aquisition; Chemical Water Properties; Mine Drainage Control; Ohio; Water Properties -general; Zinc; ...2.0733

EFFECTS OF AUGMENTED STREAM FLOW ON WATER QUALITY ...Alkalinity (water); Chemical Analysis (water); Coliforms -nonspecific; Fluorine; Ohio; ...2.0734

SIMULATION OF WATER QUALITY IN STREAMS AND CANALS ...Biochemical Oxygen Demand; Flood Routing; River Basins; Texas; ...2.0808

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Nutrients; Phytoplankton; Plant Productivity - general; Sewage; ...2.0848

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algae -nonspecific; Algal Physiology; Contamination - Water; Phosphorus and Phosphorus Cpds; Plant Physiological Ecology; Plant Species Diversity; Seasonal Distribution; Wisconsin; ...2.0853

TISSUE ANALYSIS FOR NUTRIENT ASSAY OF NATURAL WATERS ...Aquatic Plants -nonspecific; Plant Pollutants; Plants - Monocotyledons; Wisconsin; ...2.0859

FACTORS INFLUENCING FREE-LIVING NEMATODES IN WATER SUPPLIES ...Animal Pollutant Sources; Chemical Measurements (water); Chlorination; Chlorine; Environmental Ecology; Nematoda; Sand Filters; ...2.0893

FOAM SEPARATION FLOTATION OF COLLOID ORGANIC SYSTEMS ...Chelation & Complexing; Demineralization; Fluid Mechanics; Process Design; Surfactants -see Detergents; Waste Water Treatment -general; ...2.0899

CORROSION AND ENCRUSTATION MECHANISMS IN WATER SUPPLIES ...Corrosion; Deterioration; Demineralization;

Mineralization; Oxidation; Thermodynamics; Water Wells; ...2.0991

DETERMINATION OF THE FEASIBILITY OF REMOVAL OF ALGAL NUTRIENTS IN LAKE WATERS BY ION-EXCHANGE ...Acidity (water); Circulation (water); Eutrophication; Ion Exchange; Massachusetts; Nutrients; Water Chemistry; ...2.1040

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon, Environmental Influences; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acid Mine Drainage; Acidity (water); Algal Physiology; Alkalinity (water); Mine Drainage Control; Oxygen Content (water); Plant Freshwater Ecology; Rehabilitation -streams -lakes; Waste Water Treatment -general; ...2.1079

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Algae -nonspecific; Environmental Influences; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Pilot Plants; Process Design; Turbidity (water); Waste Water Treatment - general; ...2.1170

MICROBIAL MEDIATION IN GENERATION OF ACID MINE WASTES ...Acid Mine Drainage; Biological Water Properties; Cellular Biosynthesis; Chemical Water Properties; ...2.1298

CONTROL OF MINERAL CONSTITUENTS IN WASTE WATER BY ELECTRODIALYSIS ...Demineralization; Electrodialysis; Pilot Plants; Solid Waste; Waste Water Treatment -general; ...2.1364

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Groundwater; Sprinkler Irrigation; Water Application Methods; Water Quality Control -general; ...2.1418

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots; Arkansas; Chemical Analysis (water); Ecological Effects; Eutrophic Lakes; Nutrients; Plankton Sampling; Population Dynamics -general; Zooplankton; ...2.1483

THE EFFECT OF POLLUTION ON THE DISTRIBUTION OF LPP PHYCO-VIRUSES IN RELATION TO POLLUTION OF THE CHRISTINA RIVER ...Acidity (water); Delaware; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.1522

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - WATER QUALITY EFFECTS ...Acidity (water); Atomic Absorption; Gas Chromatography; Waste Management -see Specific; ...2.1561

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality - general; ...2.1575

DOMESTIC WATER PROBLEMS AS RELATED TO TEXTILES ...Detergent Builders; Fibers; Home Economics; Materials -properties; Mineralization; Purity, Impurity; ...2.1604

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Contamination - Water; Fish; Lead; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; Zinc; ...2.1628

EFFECTS OF ENVIRONMENTAL STRESSES ON BEEF CATTLE ...Bos; Environmental Physiology; Muridae; Physiological Effects; Water Utilization -animal; ...2.1636

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fish; Industrial Wastes; Marine Animals; Physiological Effects; Zooplankton; ...2.1640

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae; Eutrophication; Fertilizers -aquatic; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Potamogetonaceae; ...2.1650

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Molluscs; Ponds; Temperature (water); ...2.1661

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

PHARMACOLOGY OF METAL POISONING IN ESTUARINE FISHES ...Animal Pharmacology; Contamination - Water; Environmental Physiology; Pollution Effects -see Water; ...2.1700

HISTOPATHOLOGIC EFFECTS OF POLLUTANTS ON CELLS AND TISSUES OF MARINE FISHES ...Contamination - Water; Cyprinodontidae; Lead; Marine Animals; Physiological Effects; ...2.1704

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

HEAVY METALS AND LOCOMOTION IN FISH ...Behavior -vertebrate; Data Processing Services; Fish; Zinc; ...2.1730

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology; Degradation -see Pesticide Deg; Energy Conversion; Fish; Heat Recovery, Industrial; Induced Temperature; Organic Water Properties; Phytoplankton; Primary Productivity - Plants; ...2.1736

SOME EFFECTS OF THE RECENT INTRODUCTION OF HARD WATER INTO THE WATER SUPPLY RESERVOIR OF CARVIN COVE, VIRGINIA ...Animal Productivity; Benthic Fauna; Environmental Ecology; Physical Water Properties; Vertical Distribution; Water Pollution Effects; ...2.1747

EFFECTS OF POLLUTANTS ON SUBMARINE PLANT SYNECOLOGY ...Aquatic Plants -nonspecific; Contamination - Water; Industrial Wastes; Plant Successions; ...2.1749

METABOLIC ROLE OF INORGANIC ELEMENTS IN SALMONIDS - 15 - EFFECT OF TOXIC LEVELS OF COPPER ON ENZYME ACTIVITIES ...Adenosine Triphosphate; Contamination - Water; Nutrition; Salmonidae; Stress Effects; ...2.1750

PHYSIOLOGICAL EFFECTS OF SUBLETHAL LEVELS OF ACID WATER ON FISH ...Acidity (water); Bullheads; Contamination - Water; Fish & Shellfish Biology; Physiological Effects; Water Pollution Abatement; ...2.1773

LAKE MICHIGAN WATER QUALITY MODEL ...Chemical Water Properties; Management (water); Rain; Water Quality -general; ...2.1825

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Alkalinity (water); Bacterial Studies -general; Coliforms - nonspecific; Farm Animal Wastes; Farm Pond; Sewage Lagoons; Streptococcus Fecalis; ...3.0059

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources; Aquatic Soils; Growth; Haloragaceae; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Photoperiodism; Plant Tissue Analysis -chem.; Temperature (water); ...4.0053

THE EFFECTIVENESS OF MCN-JR-7464 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ...Animal Pharmacology; Fish; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Action on Animals; Pesticide Formulation; Salmo Trutta; Temperature (water); ...4.0906

THE CYCLING OF MICRONUTRIENTS IN GEOCHEMICAL AND BIOLOGICAL SYSTEMS ...Absorption (incl. Adsorption); Medicago; Soil Chemical Properties; Translocation; Zinc; ...5.0868

Mineralogy

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

STUDY OF PETROGRAPHIC AND MINERALOGICAL CHARACTERISTICS OF CARBONATE ROCKS RELATED TO SULFUR OXIDE SORPTION IN FLUE GASES ...Absorption - Chemistry; Carbonates; Environmental Geology; Microscopy; Power Plants; Trace Element Analysis; ...1.0553

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality - general; Water Table - Depth of; ...2.0096

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

EFFECT OF MINERAL ELEMENTS ON YIELD AND COMPOSITION OF CROPS AND ON SOIL CONDITIONS ...Fertilizers; Mineral Nutrition; Soil Chemical Properties; Soil Conditions; Water Pollutants - Path of; ...3.0148

SEDIMENT MINERALOGY ...Adsorption Capacity; Animal Productivity; Contamination - Water; Environmental Ecology; Marine Biology - General; Ponds; Vertical Distribution; Zinc; ...4.0284

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Septic Tanks; Soil Analysis, Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research -general; ...2.0329

GROUNDWATER QUALITY AND THE HYDROLOGIC BUDGET IN A VALLEY UNDERLAIN BY CARBONATE ROCKS ...Carbonates; Groundwater; Soil Tillage; Water Quality - general; ...3.0350

THE KINETICS AND ENERGETICS OF ADSORPTION AND DESORPTION OF PHOSPATE FROM SOIL MINERALS ...Water Quality -general; ...2.0401

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Acidity (water); Aquatic Soils; Bottom Sampling; Geochemical Analysis (water); Lakes; Mineralogical Properties; Social Aspects; Soil pH; ...2.0608

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Atomic Absorption; Lead; Ore Deposits; Pond; Precipitation; Waste Water Treatment -general; X-ray Spectroscopy; ...2.1322

EFFECTS OF RECENT AND PAST PHOSPHATE FERTILIZATION ON THE AMOUNTS OF PHOSPHORUS PERCOLATING THROUGH SOIL PROFILES INTO SUBSURFACE WATERS ...Adsorption; Fertilizers; Model Studies; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Organic Content; ...2.1616

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Adsorption Capacity; Cesium; Composition Controls; Diffraction; Ion Exchange; Soil Chemical Properties; Soil Chemistry; X-ray Spectroscopy; ...5.0025

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

Miners

EXPERIMENTAL INFECTIVE PNEUMOCONIOSIS ...Air Pollution -see Specifics; Asbestos; Bacterial Population Surveys; India; Occupational Hazards; Respiratory Bacteria; Respiratory Irritants, Inhaled; ...1.0283

COMPLETE COLLECTION OF ANALYSES OF DATA ASSOCIATING HEALTH EFFECTS WITH EXPOSURE TO PB, AS, OR CD EMISSIONS FROM SMELTERS IN MONTANA & IDAHO ...Air Pollution -see Specifics; Arsenic; Chemical Analysis -general; Idaho; Lead; Occupational Hazards; ...1.0279

MODIFICATION OF CHRONIC MANGANESE POISONING ...Chile; Cooperative Studies; Toxicology; ...2.0276

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Colorado; Environmental Effects - Human; Radiation Carcinogenesis; Radiation Sources -general; Radon; Respiratory Irritants, Inhaled; Uranium; ...5.0044

INTERAGENCY REVIEW OF THE HEALTH HAZARDS OF URANIUM MINING - COMPARISON OF EXPERIMENTAL TO EMPIRICAL RESULTS ...Epidemiology; Radiation Carcinogenesis; Radiologic Health; Tumor Pathology; ...5.0060

THE CYTOGENETICS OF URANIUM MINERS EXPOSED TO RADON 222 ...Bioassays; Body Isotope Burden; Occupational Hazards; Radiation Carcinogenesis; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0207

STUDY OF THE CANCER EXPERIENCE OF NON-URANIUM HARD ROCK MINERS IN THE ROCKY MOUNTAIN AREA ...Environmental Carcinogenesis; Occupational Hazards; Radiation Sources -general; Respiratory Disease; Rocky Mountain System; ...5.0362

EFFECT OF URANIUM ON THE TRACHEOBRONCHIAL TREE ...Colorado; Meetings; Occupational Hazards; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0423

THE RADIOBIOLOGY AND TOXICOLOGY OF RADON AND OTHER RADIOACTIVE GASES ...Canidae; Krypton; Muridae; Radon; Respiratory Irritants, Inhaled; Uranium; X and Gamma Rays; ...5.0505

FOLLOW-UP STUDY OF THOROTRAST PATIENTS ...Epidemiology; Respiratory Disease; Thorium; ...5.0599

PB-210 STUDIES IN BEAGLES ...Body Isotope Burden; Digestive System - Human; Food Contamination; Lead; Polar Oceanic Areas; Radiologic Health; Toxicology; ...5.0721

URANIUM MINERS EXFOLIATIVE PATHOLOGY ...Canidae; Occupational Hazards; Plutonium; Radiation Effects - Biological; Radon; Tobacco -cigarettes; Uranium; ...5.0737

INHALATION HAZARDS TO URANIUM MINERS, BIOLOGICAL STUDIES ...Air Pollution -see Specifics; Canidae; Co-carcinogenesis; Radiation Carcinogenesis; Radon; Tobacco - cigarettes; ...5.0754

STUDIES ON THE EFFECTS (BIOCHEMICAL, MORBIDITY AND MORTALITY) OF RADIOACTIVE CONSTITUENTS OF URANIUM ORE ON HEALTH OF WORKERS ...Air Pollution - see Specifics; Occupational Hazards; Radiation Carcinogenesis; Respiratory Disease; Tobacco -cigarettes; Uranium; ...5.0770

RADON PROGENY INHALATION STUDY ...Air Pollution -see Specifics; Occupational Hazards; Radiologic Health; Radon; Respiratory Irritants, Inhaled; Whole Body; ...5.0902

RELATIONSHIP BETWEEN THE PHYSICAL PROPERTIES OF INHALED AEROSOLS AND RESPIRATORY DEPOSITION ...Aerosols; Models (physical) of Anim.&man; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; Radium; Respiratory Irritants, Inhaled; ...5.0974

STUDIES OF URANIUM MINER HAZARDS ASSOCIATED WITH RADON ...Bioassays; Feces; Lead; Occupational Hazards; Radiation Effects - Biological; Radon; Urine; ...5.0885

INHALATION HAZARDS TO URANIUM MINERS - RADIOCHEMICAL STUDIES ...Aerosols; Mammals -nonspecific; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Radium; Scintillation Counting; Spectrographic Techniques; ...5.0961

Mining Industry

GEOCHEMICAL EXPLORATION TECHNIQUES IN ALPINE AND SUBALPINE ENVIRONMENTS ...Cars; Geochemical Investigations; Geological Exploration; Geophysical Analysis; Ore Deposits; Rock - Soil Pollution; Water Pollution Effects; ...1.0330

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Analysis and Detection; Atomic Absorption; Contamination - Water; Lead; Mine Hydrology; Missouri; Pollution Effects -see Water; Water Pollution Effects; Zinc; ...2.0226

PHOSPHATE MINING EFFLUENT IN ESTUARINE ECOLOGY ...Amphibious Plants; Contamination - Water; Ecological Effects;

Estuaries, Phosphorus and Phosphorus Cpds; Pollution Effects - see Water, Toxic Minerals, ...2.0292

A PILOT-SCALE STUDY OF ACID MINE DRAINAGE ...Acidity (water); Data Acquisition, Systems Analysis - Water Mgmt; Water Pollution Abatement, ...2.0303

STRIP-MINING AND WATER QUALITY ...Chemical Analysis (water); Mine Wastes; Ohio; Spoil Banks; Strip Mines; Water Quality -general, ...2.0304

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff, Conservation - see Soil Conser., Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general, ...2.0351

REMOVAL OF DISSOLVED CONTAMINANTS FROM MINE DRAINAGE ...Acid Mine Drainage; Acid Mine Wastes; Precipitation; Waste Water Treatment -general, ...2.0403

ACID MINE POLLUTION ...Acid Mine Drainage; Biological Water Properties; Catostomidae; Physical Water Properties; Rehabilitation; -streams -lakes; Sediments; Strip Mines; Water Pollution Abatement, ...2.0409

TOLERANCE AND CYTOLOGICAL RESPONSE OF ALGAE TO MINE WATER ...Acidity (water); Algae -nonspecific; Contamination - Water; Industrial Wastes; Water Pollution Effects, ...2.0430

MICROBIOLOGY OF ACID DRAINAGE FROM COAL MINES ...Acid Mine Drainage; Bacterial Population Surveys; Biological Control; Ferrobacillus; Heterotrophic Bacteria; Thiobacillus, ...2.0432

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Ionic Effect; Sewage; Water Pollution Sources, ...2.0434

HYDROLOGY AND WATER QUALITY OF SURFACE MINING FOR COAL IN PIKE COUNTY, INDIANA ...Automatic Data Aquisition; Coal; Indiana; Soil Tillage; Strip Mines; Water Quality -general, ...2.0582

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage; Alkalinity (water); Automatic Data Aquisition; Chemical Water Properties; Mine Drainage Control; Mineralogical Water Properties; Ohio; Water Properties -general; Zinc, ...2.0733

ESTIMATING ACID MINE DRAINAGE POTENTIAL FROM COAL BEDS BY USE OF THE SOXHLET EXTRACTOR ...Acid Mine Wastes; Acidity (water); Coal Research; Drainage; Mine Hydrology; Temperature; Water Pollutant Identification, ...2.0752

THE BEHAVIOR OF SMALLMOUTH BASS AS RELATED TO ARTIFICIAL COVER ...Acidity (water); Aquatic Ecology - Animal; Fish Food Supply -other; Population Dynamics -general; Water Pollutant Identification, ...2.0762

THE RECOVERY RATE OF AQUATIC COMMUNITIES OF STREAMS RECEIVING ACID MINE DRAINAGE ...Acid Mine Drainage; Benthic Fauna; Industrial Wastes; Physiological Effects; Rehabilitation -streams -lakes; Sewage, ...2.1119

MICROBIAL MEDIATION IN GENERATION OF ACID MINE WASTES ...Acid Mine Drainage; Biological Water Properties; Cellular Biosynthesis; Chemical Water Properties; Mineralogical Water Properties, ...2.1298

MICROBIOLOGICAL REMOVAL OF IRON FROM MINE DRAINAGE WATERS ...Acid Mine Wastes; Demineralization; Mine Drainage Control; Oxidation Reduction Reactions; Waste Water Treatment -general, ...2.1384

NEUTRALIZATION AND PRECOAT FILTRATION OF CONCENTRATION SLUDGES FROM MINE WATER ...Acid Mine Wastes; Benefit-cost Analysis; Drainage; Neutralization; Waste Treatment Economics, ...2.1391

CHEMICAL TREATMENT OF ACID MINE DRAINAGE ...Acid Mine Drainage; Acid Mine Wastes; Chemical Treatment -general, ...2.1396

ENVIRONMENTAL CONTROL RESEARCH CONTROL TECHNIQUES, FIELD TESTING, AND EVALUATION ...Acid Mine Drainage; Chemical Analysis (water); Data Acquisition; Effluents - Waste Water; Mine Drainage Control; Water Pollution Sources, ...2.1401

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse, ...2.1466

BIOLOGICAL EFFECTS OF HEAVY METAL POLLUTION ...Alaska; Biological Effects; Chelation & Complexing; Microorganisms -nonspecific; Yeasts -nonspecific, ...2.1475

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ...Aquatic; Industrial Wastes; Physiological Effects; Salinity (water); Temperature; Turbidity; Water Pollution Effects, ...2.1487

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Acid Mine Drainage; Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Lakes; Physical Water Properties; Waste Water Treatment -general, ...2.1591

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation; Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources, ...2.1662

EVALUATION OF FACTORS AFFECTING SPAWNING OF DALE HOLLOW WHITE BASS ...Aquatic Ecology - Animal; Environmental Physiology; Pollution Effects -see Water; Spoon Or Nesting Sites; Temperature (water), ...2.1714

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Catostomidae; Effluents - Waste Water; Manganese; Pollution Effects -see Water; Sediments; Toxic Minerals; Water Purification, ...2.1746

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Sewage; Waste Water Treatment -general, ...2.1775

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources, ...3.0040

TREATMENT OF TAILINGS TO ENHANCE PLANT GROWTH AND PROMOTE STABILIZATION OF TAILINGS ...Bibliography; Lead; Mine Wastes; Soil Amendments; Toxic Minerals; Zinc; ...3.0043

Mine Engineering

MINING OPERATIONS FOR THE REDUCTION OF HARMFUL DRAINAGE FROM UNDERGROUND COAL MINES ...Acid Mine Drainage; Coal; Survey Studies (water); Underground Workings; Water Pollution Abatement; Water Resources Protection, ...2.0433

A DEMONSTRATION OF A NEW MINING TECHNIQUE TO PREVENT THE FORMATION OF MINE ACID IN AN ACTIVE DEEP COAL MINE ...Acid Mine Drainage; Coal; Explosions - Fires; Mine Drainage Control; Mine Hydrology, ...2.1450

Equipment

A DEMONSTRATION OF A NEW MINING TECHNIQUE TO PREVENT THE FORMATION OF MINE ACID IN AN ACTIVE DEEP COAL MINE ...Acid Mine Drainage; Coal; Explosions - Fires; Mine Drainage Control; Mine Hydrology, ...2.1450

Mine Structures

TAILINGS DISPOSAL SYSTEM (EFFECT OF DAM DESIGN ON/EFFLUENT QUALITY, SUBSTRATA STUDIES, SURFACE & SUBSURFACE DISPOSAL) ...Dams -general; Economic Mineral Appraisals; Land Use; Mine Wastes; Waste Disposal, Underground; Water Pollution Effects; Water Pollution Sources, ...3.0340

Mine Hydrology

ENVIRONMENTAL CONTROL RESEARCH - CONTROL TECHNIQUES DEVELOPMENT ...Air Pollution Analysis; Coal; Drilling and Coring; Gases; Mine Atmosphere Conditions, ...1.0630

DRAINAGE OF PENNSYLVANIA ANTHRACITE MINES ...Acid Mine Drainage; Data Acquisition; Local Stratigraphy; Structural Analysis - Geology, ...2.0093

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Analysis and Detection; Atomic Absorption; Contamination - Water; Lead; Missouri; Pollution Effects -see Water; Water Pollution Effects; Zinc, ...2.0226

ESTIMATING ACID MINE DRAINAGE POTENTIAL FROM COAL BEDS BY USE OF THE SOXHLET EXTRACTOR ...Acid

Mine Wastes; Acidity (water); Coal Research; Drainage; Temperature; Water Pollutant Identification; ...2.0752

CHEMICAL CHARACTERISTICS OF WATERS IN FLOODED BITUMINOUS-COAL MINESHAFTS ...Acidity (water); Bituminous; Chemical Water Properties; Geochemical Analysis (water); Mine Drainage Control; Mineralization; Water Pollutant Identification; ...2.0852

RECOVERY OF IRON IN A MORE DENSE FORM FROM COAL MINE DRAINAGE ...Acid Mine Wastes; Bench Scale; Mine Drainage Control; Mineral Processing Industry; Waste Material Recovery; ...2.1393

STUDY OF THE USE OF INERT GASES TO ELIMINATE ACID POLLUTION FROM ABANDONED DEEP MINES ...Acid Mine Wastes; Mine Atmosphere Conditions; Pressure - Density; Underground Workings; ...2.1399

ENVIRONMENTAL CONTROL RESEARCH CONTROL TECHNIQUES, FIELD TESTING, AND EVALUATION ...Acid Mine Drainage; Chemical Analysis (water); Data Acquisition; Effluents - Waste Water; Mine Drainage Control; Mining Industry; Water Pollution Sources; ...2.1401

A DEMONSTRATION OF A NEW MINING TECHNIQUE TO PREVENT THE FORMATION OF MINE ACID IN AN ACTIVE DEEP COAL MINE ...Acid Mine Drainage; Coal; Explosions - Fires; Mine Drainage Control; ...2.1450

Mine Safety

Explosions - Fires

A DEMONSTRATION OF A NEW MINING TECHNIQUE TO PREVENT THE FORMATION OF MINE ACID IN AN ACTIVE DEEP COAL MINE ...Acid Mine Drainage; Coal; Mine Drainage Control; Mine Hydrology; ...2.1450

Mine Atmosphere Conditions

AERODYNAMICS OF FORMATION OF CLOUDS OF FLOAT COAL DUST ...Coal; Geological Exploration; Particulates - Air Pollution; ...1.0134

ENVIRONMENTAL CONTROL RESEARCH - CONTROL TECHNIQUES DEVELOPMENT ...Air Pollution Analysis; Coal; Drilling and Coring; Gases; Mine Hydrology; ...1.0636

STUDY OF THE USE OF INERT GASES TO ELIMINATE ACID POLLUTION FROM ABANDONED DEEP MINES ...Acid Mine Wastes; Mine Hydrology; Pressure - Density; Underground Workings; ...2.1399

ENVIRONMENTAL CONTROL RESEARCH CONTROL TECHNIQUES, FIELD TESTING, AND EVALUATION ...Acid Mine Drainage; Chemical Analysis (water); Data Acquisition; Effluents - Waste Water; Mine Drainage Control; Mining Industry; Water Pollution Sources; ...2.1401

IMPROVED EXTRACTION SYSTEM - WATER CONTROL - CONTROL TECHNIQUES, FIELD TESTING AND EVALUATION ...Acid Mine Drainage; Analytical Instruments; Coal; Data Acquisition; Geology -general; Soil Tillage; ...2.1402

A DEMONSTRATION OF A NEW MINING TECHNIQUE TO PREVENT THE FORMATION OF MINE ACID IN AN ACTIVE DEEP COAL MINE ...Acid Mine Drainage; Coal; Explosions - Fires; Mine Drainage Control; Mine Hydrology; ...2.1450

CHARACTERISTICS OF URANIUM MINE ATMOSPHERES ...Aerosols; Air Pollution Monitoring; Particulates - Air Pollution; Radioactivity; Uranium; ...5.0875

Radioactivity

CHARACTERISTICS OF URANIUM MINE ATMOSPHERES ...Aerosols; Air Pollution Monitoring; Mine Atmosphere Conditions; Particulates - Air Pollution; Uranium; ...5.0875

INSTRUMENTATION AND METHODS FOR THE MEASUREMENT OF RADIOACTIVE AIR CONTAMINANTS ...Dosimetry; Monitoring; Uranium; ...5.0876

Surface Hazzards

DETECTION AND LOCATION OF CONCEALED ABANDONED UNDERGROUND MINES AND ASSOCIATED DRAINAGE BY GEOPHYSICAL AND GEOCHEMICAL TECHNIQUES ...Drainage; Dyes; Geophysical Analysis; Infrared Radiation; Seismology; Water Pollution Sources; ...5.0760

Mine Types

Open Pit

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

Placer

HEAVY METALS - ENVIRONMENTAL CONTROL SYSTEMS DESIGN--FAIRBANKS PLACERS ...Permafrost - Frozen Soils; ...2.0759

GEO-ENVIRONMENTAL AND MINERAL RESOURCES PROGRAM ...Acoustical Properties; Great Lakes -see Specific Lake; Manganese; Ocean Profiles; Water Pollution Sources; ...5.0863

Strip Mines

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Acid Mine Drainage; Aquatic Plants - nonspecific; Biological Effects; Iowa; Lakes; Oklahoma; Population Dynamics -general; ...5.0026

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Toxic Minerals; ...2.0159

STRIP-MINING AND WATER QUALITY ...Chemical Analysis (water); Mine Wastes; Ohio; Spoil Banks; Water Quality -general; ...2.0304

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0308

STRIP-MINING AND WATER QUALITY ...Acidity (water); Chemical Analysis (water); Coal; Erosion; Mine Wastes; Rainfall Simulators; Spoil Banks; Thermal Poll. -see Water Poll.; ...2.0309

SANITARY LANDFILLS IN COAL STRIP MINES ...Coal; Groundwater; Leaching; Sanitary Landfills; Water Pollutants - Path of; Water Quality Control -general; ...2.0341

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation; Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Water Quality -general; ...2.0351

ACID MINE POLLUTION ...Acid Mine Drainage; Biological Water Properties; Catostomidae; Mining Industry; Physical Water Properties; Rehabilitation -streams lakes; Sediments; Water Pollution Abatement; ...2.0409

AQUATIC-BIOTIC COMMUNITY STRUCTURE AS AN INDICATOR OF POLLUTION ...Acidity (water); Benthic Fauna; Invertebrates -nonspecific; Pollution Effects -see Water; Species Diversity Measurement; ...2.0469

HYDROLOGY AND WATER QUALITY OF SURFACE MINING FOR COAL IN PIKE COUNTY, INDIANA ...Automatic Data Aquisition; Coal; Indiana; Mining Industry; Soil Tillage; Water Quality -general; ...2.0582

FACTORS AFFECTING MINE DRAINAGE AND THE GROUND WATER INTERACTIONS IN SELECTED AREAS OF WESTERN PENNSYLVANIA (PART 2) ...Acid Mine Drainage; Aquifers; Chemical Analysis (water); Groundwater; Groundwater Movement; Pennsylvania; ...2.0938

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Aquatic Ecology - Animal; Chemical Water Properties; Ictalurus Punctatus; Lakes; Lime Treatment; Neutralization; Population Dynamics -general; Stocking of Fish & Shellfish; ...2.1027

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acid Mine Drainage; Acidity (water); Algal Physiology; Alkalinity (water); Mine Drainage Control; Oxygen Content (water); Plant Freshwater Ecology; Rehabilitation -streams -lakes; Waste Water Treatment -general; ...2.1079

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Acid Mine Drainage; Algae -nonspecific; Chlorophyll; Neutralization; Organic Waste -see Waste Treat; Rehabilitation -streams -lakes; Waste Water Degradation; Waste Water Treatment -general; ...2.1319

PIPELINE TRANSPORT OF SLUDGE ...Landfill; Pilot Plants; Pipe; Soil Amendments; Waste Disposal on Soils; Waste Management -see Specific; West Virginia; ...2.1373

STUDY OF THE USE OF INERT GASES TO ELIMINATE ACID POLLUTION FROM ABANDONED DEEP MINES ...Acid Mine

Wastes; Mine Atmosphere Conditions; Mine Hydrology; Pressure - Density; Underground Workings; ...2.1399

EFFECTS OF IRRIGATION OF MUNICIPAL SEWAGE EFFLUENT ON SPOILS BANKS ...Effluents - Waste Water; Irrigation; Mine Wastes; Sewage; Spoil Banks; Waste Disposal on Soils; Water Pollution Abatement; ...2.1404

MINE SPOIL POTENTIALS FOR WATER QUALITY AND CONTROLLED EROSION ...Agricultural Runoff; Drilling and Coring; Mineralogical Properties; Weathering Products; ...2.1452

RECOVERY FROM ACID POLLUTION IN FOUR STRIP-MINE LAKES ...Acid Mine Drainage; Animal Productivity; Biological Water Properties; Energy Budgets; Lake Stages; Physical Water Properties; Primary Productivity - Plants; ...2.1617

HYDROLOGIC INFLUENCES OF STRIP MINING, BEAVER CREEK, KENTUCKY ...Appalachia; Cumberland River; Kentucky; Small Watersheds; ...2.1670

COAL STRIP MINE WATERSHED DEMONSTRATION--JACKSON COUNTY, ALABAMA ...Alabama; Coal; Water Pollution Effects; Water Quality -general; ...3.1715

COAL STRIP MINE WATERSHED STUDY ...Alabama; Coal; Data Acquisition; Engineering Structures-general; Pollution Effects -see Water; Soil Tillage; Water Quality -general; Watersheds; ...3.1719

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Catostomidae; Effluents - Waste Water; Manganese; Mining Industry; Pollution Effects -see Water; Sediments; Toxic Minerals; Water Purification; ...3.1746

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

Underground Workings

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Drilling Operation; Groundwater; Iron; Pennsylvania; Water Table; ...3.0340

MINING OPERATIONS FOR THE REDUCTION OF HARMFUL DRAINAGE FROM UNDERGROUND COAL MINES ...Acid Mine Drainage; Coal; Mine Engineering; Survey Studies (water); Water Pollution Abatement; Water Resources Protection; ...3.0433

CHARACTERISTICS OF DRAINAGE FROM DEEP BITUMINOUS COAL MINES IN WESTERN PENNSYLVANIA ...Acid Mine Drainage; Bituminous; Data Reduction and Analysis; Pennsylvania; Waste Water Treatment -general; ...3.0751

STUDY OF THE USE OF INERT GASES TO ELIMINATE ACID POLLUTION FROM ABANDONED DEEP MINES ...Acid Mine Wastes; Mine Atmosphere Conditions; Mine Hydrology; Pressure - Density; ...2.1399

A DEMONSTRATION OF A NEW MINING TECHNIQUE TO PREVENT THE FORMATION OF MINE ACID IN AN ACTIVE DEEP COAL MINE ...Acid Mine Drainage; Coal; Explosions - Fires; Mine Drainage Control; Mine Hydrology; ...2.1456

Mine Wastes

VEGETATIVE STABILIZATION OF MINE TAILINGS, WASTES, AND SPOILS ...Climates -general; Gramineae -other; Mineral Nutrition; Oil Shale; Setaria; Soil Chemical Properties; Spoil Banks; ...3.0077

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Fragrosis; Forest Recreation; Kentucky; Rehabilitation -streams -lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...3.0159

STUDIES OF COPPER TAILINGS ...Algae - Cyanophyta; Copper; Drainage; Lakes; Spoil Banks; Toxic Minerals; ...3.0200

STRIP-MINING AND WATER QUALITY ...Chemical Analysis (water); Ohio; Spoil Banks; Strip Mines; Water Quality -general; ...3.0304

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...3.0308

STRIP-MINING AND WATER QUALITY ...Acidity (water); Chemical Analysis (water); Coal; Erosion; Rainfall Simulator; Spoil Banks; Thermal Pollution -see Water Pollution; ...3.0309

EFFECTS OF IRRIGATION OF MUNICIPAL SEWAGE EFFLUENT ON SPOILS BANKS ...Effluents - Waste Water; Irrigation; Sewage; Spoil Banks; Strip Mines; Waste Disposal on Soils; Water Pollution Abatement; ...2.1404

MINE SPOIL POTENTIALS FOR WATER QUALITY AND CONTROLLED EROSION ...Agricultural Runoff; Drilling and Coring; Mineralogical Properties; Strip Mines; Weathering Products; ...2.1452

STUDY OF POSSIBLE EFFECTS OF STRIP COAL MINING ON THE HYDROLOGICAL REGIMEN IN EASTERN MONTANA ...Coal; Groundwater; Montana; Rainfall - Runoff Relationship; Soil Tillage; Water Pollution Sources; Water Storage; ...2.1630

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Erosion; Gramineae -other; Leguminosae; Soil Chemical Properties; Soil Fertility; Soil Moisture; Water Pollution Sources; ...3.0029

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES ...Anthracite; Contamination; Industrial Wastes; Infiltration; Leaching; Percolation (water); Site -see Waste Disposal; ...3.0032

TREATMENT OF TAILINGS TO ENHANCE PLANT GROWTH AND PROMOTE STABILIZATION OF TAILINGS ...Bibliography; Lead; Mining Industry; Soil Amendments; Toxic Minerals; Zinc; ...3.0043

UTILIZATION OF FLORIDA PHOSPHATE SLIMES ...Acid Mine Wastes; Ceramics; Fresh Water; Phosphorus and Phosphorus Cpds; Sediments; Waste Material Recovery; Water Reuse; ...3.0128

STABILIZATION OF PLANT TAILINGS ...Erosion; Mineral Processing Industry; Soil Cover Crops; Wind Erosion; ...3.0327

TAILINGS DISPOSAL SYSTEM (EFFECT OF DAM DESIGN ON/EFFLUENT QUALITY, SUBSTRATA STUDIES, SURFACE & SUBSURFACE DISPOSAL) ...Dams -general; Economic Mineral Appraisals; Land Use; Mine Structures; Waste Disposal, Underground; Water Pollution Effects; Water Pollution Sources; ...3.0340

CHEMICAL PROCESSING OF TITANIUM SCRAP AND RESIDUES. TITANIUM CHLORINATION RESIDUES ...Acid Mine Wastes; Chlorination; Titanium; Waste Material Recovery; ...3.0390

SEQUENTIAL RADIOCHEMICAL DETERMINATION OF RADIUM-226, 228, ACTINIUM-227 AND THORIUM-230 IN ENVIRONMENTAL AND PROCESS WASTE SAMPLES ...Actinium A C; Dosimetry; Radium; Thorium; Uranium; ...5.0020

Minnesota

URBAN CLIMATOLOGY ...Climatography; Microclimates; Precipitation Amount; Rain; Temperature; Urban Research - general; Weather Data; ...1.0067

ATMOSPHERIC DUST AND MOLD SPORE STUDIES ...Air Pollution -see Specifics; Dust; Health & Geographic Factors; Mercury; North Dakota; Phosphorus and Phosphorus Cpds; ...1.0115

EUTROPHICATION - REMOVAL OF NUTRIENTS - SHAGAWA LAKE ...Algal Pollutant Sources; Denitrification -see Nitrogen; Eutrophication; Pilot Plants; Trickling Filters; Water Standards & Baselines; ...2.0203

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds; Phosphorus and Phosphorus Cpds; Sediments; Water Depth; Water Levels; ...2.0205

ALLEVIATION OF LAKE POLLUTION BY UTILIZATION OF AQUATIC PLANTS FOR NUTRITIONAL, MEDICINAL OR INDUSTRIAL PURPOSES ...Aquatic Plants -nonspecific; Cultural Control; Mammals -nonspecific; Taxonomy -plant; ...2.0307

DEVELOPMENT OF A MATHEMATICAL MODEL TO PREDICT THE ROLE OF SURFACE RUNOFF AND GROUND WATER FLOW IN OVERFERTILIZATION OF SURFACE WATERS ...Agricultural Runoff; Eutrophication; Groundwater; Mathematical Models; Phosphorus and Phosphorus Cpds; Water Balance - Budget; ...2.0208

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gulfs Or Channel Erosion; Harbors; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Effluents - Waste

Water, Lake Stages; Lower Plants; Nutrients; Phytoplankton; Plant Productivity -general; Tertiary Treatment; ...2.0641

RELATION OF PHOSPHORUS IN LAKE BOTTOM DEPOSITS AND POLLUTIONAL HISTORY OF MINNESOTA LAKES ...Core Analysis; Environmental Geology; Lakes; Nutrients; Phosphorus and Phosphorus Cpds; ...2.0645

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Techniques; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

DIATOMS IN LAKES AND LAKE SEDIMENTS AS AN INDEX TO ENVIRONMENT ...Aquatic Soils; Core Analysis; Lake Deposits; Literature Search; Paleontology; Pollens -see Air Pollution; Water Standards & Baselines; ...2.0647

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Aquifers; Cultural Control; Eutrophication; Landfill; Nutrients; Sanitary Landfills; Waste Disposal-see Solid Waste; ...2.1047

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

PHYTOPLANKTON NUTRITION AND PHOTOSYNTHESIS IN EUTROPHIC LAKES ...Algal Physiology; Eutrophic Lakes; Eutrophication; Monitoring; Phytoplankton; Sewage; ...2.1050

PILOT PLANT INSTALLATION FOR USE OF FUNGI IMPERFECTI ON VEGETABLE WASTES ...Aeration (water); Food Processing Industries; Pilot Plants; Waste Water Treatment -general; ...2.1309

FLOCCULATION AND CLARIFICATION OF MINERAL SUSPENSIONS ...Electrochemistry; Flocculation; Iron; Streaming Potential; ...2.1311

CONTROLLED TEMPERATURE REGIMES IN OUTDOOR EXPERIMENTAL PONDS ...Aquatic Ecology - Animal; Energy Conversion; Heat Flow (water); Temperature (water); ...2.1600

SECONDARY PRODUCTION IN RUNNING-WATER ECOSYSTEMS ...Animal Habitat Studies; Animal Productivity; Bottom Sampling; Ecological Effects; Management (water); Plant Productivity -general; ...2.1601

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST. CROIX (ABBREV) ...Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Fishing; Loss Damages - Recreation; Population Dynamics -general; Temperature (water); Water Pollution Effects; ...2.1603

EFFECT OF WATER POLLUTANTS AND WATER QUALITY ON EARLY LIFE HISTORY AND POPULATION DYNAMICS OF MINNESOTA FISHES ...Animal Life History Studies; Contamination - Water; Fish Food Organisms; Pollution Effects -see Water; Pulp and Paper Wastes; Temperature (water); ...2.1606

A SURVEY OF ATTITUDES TOWARDS THE MISSISSIPPI RIVER AS A TOTAL RESOURCE IN MINNESOTA ...Attitudes & Attitude Change; Legal Studies; Mississippi River; Social Aspects; Water Quality Control -general; Water Standards & Baselines; ...2.1856

SOCIAL ECONOMIC FACTORS IN THE ADOPTION BY INDUSTRY OF WATER POLLUTION CONTROL MEASURES ...Attitudes & Attitude Change; Data Reduction and Analysis; Industry; Social Aspects; Social Change; Statistics; Water Quality Control -general; ...2.1857

METHODOLOGY FOR INTEGRATING WATER QUALITY MANAGEMENT WITH THE MANAGEMENT OF THE TOTAL WATER RESOURCES IN MINNESOTA ...Data Acquisition; Groundwater; Management (water); Water Quality Control - general; Water Supply Development; ...2.1858

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Floods; Inventories; Recreation; Water Resources; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1859

ECONOMICS OF WATER QUALITY CONTROL IN THE UPPER MISSISSIPPI RIVER (MINNESOTA) ...Benefit-cost Analysis; Disposal Wastes; Model Studies; Waste Treatment Economics; Water Purification; Water Resources Planning; ...2.1860

PRESTICIDE INPUTS AND LEVELS IN MINNESOTA WATERS OF THE LAKE SUPERIOR BASIN ...Aquatic Ecology - Animal; Contamination - Water; Lake Superior; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0043

Mississippi

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Biological Effects; Cooperative Studies; Estuaries; Invertebrates -nonspecific; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Size; Texture; ...2.0210

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

WATER RESOURCES OF COPIAH COUNTY ...Aquifers; Chemical Analysis (water); Geophysical Analysis; Groundwater; Groundwater Basins; Water Quality -general; Water Table; ...2.0649

WATER RESOURCES OF RANKIN COUNTY ...Aquifers; Groundwater; Water Supply Augmentation; Water Wells; ...2.0650

A STUDY OF THE DEPURATION PROCESS IN OYSTERS TAKEN FROM POLLUTED WATERS AND REBEDDED IN UNPOLLUTED WATERS ...Bacterial Pollutant Sources; Bioindicators; Shellfish Depuration; Water Pollutant Identification; ...2.0651

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ...Aquatic Distribution; Bacterial Pollutant Sources; Contamination - Water; Escherichia Sp; Gulf of Mexico; Ostreidae (oyster); Pollution Effects -see Water; ...2.0652

A STUDY OF THE ECOLOGY OF THE MISSISSIPPI TEST FACILITY ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Chemical Water Properties; Physical Water Properties; Plant Freshwater Ecology; Research Facilities; Water Standards & Baselines; ...2.0654

THE DISPERSION OF CONTINUOUSLY INJECTED EFFLUENTS IN OPEN CHANNELS ...Dispersion (water); Effluents - Waste Water; Fluid Mechanics; Hydraulics; Mathematical Models; Physical Models; ...2.1029

FORAGE CROP IRRIGATION WITH OXIDATION POND EFFLUENT ...Agricultural Runoff; Coliforms -nonspecific; Furrow Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sorghum; Storm Water; Water Table; ...2.1316

HEMATOLOGY OF FISH ...Aquatic Ecology - Animal; Contamination - Water; Fish; ...2.1607

WATER AND SEDIMENT, SUPPLY AND ACCUMULATION IN THE ESTUARY, ST LOUIS BAY, MISSISSIPPI ...Bays; Estuaries; Marine Biology - General; Recreation; Water Resources; River Basins; Sediment Yield; Sediments; ...2.1608

A SURVEY OF THE VERTEBRATES OF THE PEARL RIVER RESERVOIR ...Aquatic Ecology - Animal; Contamination - Water; Literature Search; Population Dynamics -general; Reservoirs and Impoundments; Vertebrates -nonspecific; ...2.1609

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Florida; Legal Studies; Recreation; Water Resources; South Carolina; State Government; Water Pollution Sources; ...2.1815

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTH MISSISSIPPI ...Benefit-cost Analysis; Economic Impact; Erosion; Land Use; Sediments; Water Resources Planning; Watersheds; ...2.1861

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Industrial Wastes; Irrigation; Legal Studies; Sanitary Landfills; State Government; Water Quality -general; Water Rights; Water Utilization -domestic; ...2.1862

ABSORPTION, TRANSLOCATION, AND METABOLISM OF HERBICIDES BY CROP AND WEED SPECIES ...Absorption (incl. Adsorption); Amiben, Gramineae -other, Herbicides and Other Chem; Radioisotopes -nonspecific; ...4.0376

METEOROLOGY FOR NUCLEAR TESTING ...Aleutian Islands, Computer Models; Forecasting - Prediction; Nevada; Radioactive Fallout; Solar Radiation -sunshine; Weather Forecasting; ...5.0003

Mississippi River

THRESHOLD ODOR DETERMINATIONS OF WATER SAMPLES FROM THE LOWER MISSISSIPPI RIVER ...Chemical Analysis (water); Chemical Water Properties, Mathematical Models; Potable Water, Taste & Odor of Water; Water Pollutant Identification; Water Quality -general; ...2.0163

MAYFLY DISTRIBUTION AS A WATER QUALITY INDEX ...Animal Habitat Studies; Animal Productivity; Environmental Ecology; Range Or Territorial Distr.; Turbidity (water); Water Quality -general; ...3.0648

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI IN POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ...Aquatic Distribution; Bacterial Pollutant Sources; Contamination - Water; Escherichia Sp; Gulf of Mexico; Mississippi; Ostreidae (oyster); Pollution Effects -see Water; ...3.0652

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Channels; Drainage; Eutrophication; Fish; Pesticide Residues; Pesticides -see Pesticide; Reservoirs and Impoundments; Turbidity (water); ...2.0653

MATHEMATICAL MODEL OF STORM AND SANITARY INTERCEPTOR SYSTEM ...Flow Regulation; Mathematical Models; Rainfall - Runoff Relationship; Sewer Interceptor Station, Storm Sewer Quantity; Storm Water; ...2.1648

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1662

ENVIRONMENTAL STUDIES ON THE MISSISSIPPI RIVER ...Ecological Effects; Effluents - Waste Water; Energy Conversion; Mathematical Models; Thermal Pollution; ...2.1612

SIMULATION MODELING OF THERMAL EFFECTS ON SELECTED RIVER SYSTEMS ...Atomic Plants; Development of Models; Energy Conversion; Illinois River; Model Studies; River Basins; Water Pollution Effects; ...2.1754

REGIONAL MODELING OF SURFACE WATER TEMPERATURES FROM PROJECTED POWER GROWTH ...Atomic Plants; Computer Models; Forecasting - Prediction; River Basins; Thermal Pollution; ...2.1760

A SURVEY OF ATTITUDES TOWARDS THE MISSISSIPPI RIVER AS A TOTAL RESOURCE IN MINNESOTA ...Attitudes & Attitude Change; Legal Studies; Social Aspects; Water Quality Control -general; Water Standards & Baselines; ...2.1856

ECONOMICS OF WATER QUALITY CONTROL IN THE UPPER MISSISSIPPI RIVER (MINNESOTA) ...Benefit-cost Analysis; Disposal Wastes; Minnesota; Model Studies; Waste Treatment Economics; Water Purification; Water Resources Planning; ...2.1860

EFFLUENT INFLUENCES OF THE MISSISSIPPI RIVER ON THE CHEMISTRY AND BIOLOGY OF ADJACENT OCEAN SYSTEMS ...Chemical Analysis (water); Chlorinated Hydrocarbons; Effluents - Waste Water; Marine Pollution; Pesticides -see Pesticide; ...4.0022

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Pesticide Aquatic Cycling; Pesticide Persistence in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

Missouri

GEOCHEMICAL SURVEY OF THE VEGETATION OF MISSOURI ...Air Pollution; Air Pollution -see Specifics; Bioindicators; Roads & Highways -see Highways; Soil Chemical Properties; Soil Minerals -natural; ...1.0331

A MODEL FOR AIR POLLUTION CONTROL ...Air Pollution; Air Pollution-chemistry; Economic Theory; Gases; Mathematical Models; Model Studies; Particulates - Air Pollution; Weather Data; ...1.0551

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Acid Mine Drainage; Aquatic Plants - nonspecific; Biological Effects; Iowa; Lakes; Oklahoma; Population Dynamics -general; Strip Mines; ...2.0034

ATMOSPHERIC CHEMISTRY ...Activation Analysis; Air Pollution Sampling; Atmospheric Dynamics; Illinois; Precipitation Instruments; Snow; ...2.0122

GEOLOGICAL FACTORS RELATING TO SURFACE AND GROUNDWATER POLLUTION ...Geology -general; Groundwater; Sewage Lagoons; Water Quality -general; ...2.0234

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Analysis and Detection; Atomic Absorption; Contamination - Water; Lead; Mine Hydrology; Pollution Effects -see Water; Water Pollution Effects; Zinc; ...2.0236

INVESTIGATION OF PRESENT THERMAL REGIME OF MISSOURI RIVER IN MISSOURI ...Aircraft Remote Sensing; Depth (water); Energy Conversion; Infrared Radiation; Missouri River; Thermal Pollution; Water Temperature Recorders; ...2.0237

EVALUATION OF SUBSURFACE MOVEMENT OF LEACHATES PRODUCED FROM SANITARY LANDFILLS ...Environmental Geology; Groundwater; Groundwater Movement; Leaching; Mathematical Models; Sanitary Landfills; Water Quality -general; ...2.0228

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Food Loss; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Physical Water Properties; Taxonomy -animal; Water Quality -general; ...2.0659

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Atomic Absorption; Lead; Mineralogy; Ore Deposits; Pond; Precipitation; Waste Water Treatment -general; X-ray Spectroscopy; ...2.1322

EFFECTS OF RECENT AND PAST PHOSPHATE FERTILIZATION ON THE AMOUNTS OF PHOSPHORUS PERCOLATING THROUGH SOIL PROFILES INTO SUBSURFACE WATERS ...Adsorption; Fertilizers; Mineralogy; Model Studies; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Organic Content; ...2.1616

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Creel Census; Environment; Fish; Lakes; Performance; Power Reservoirs; Temperature (water); Temperature - Air; User Patterns; ...2.1620

WATER QUALITY SURVEYS ...Animal Productivity; River Basins; Water Pollution Effects; Water Quality -general; ...2.1622

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Gastropoda; Mollusca; Physical Water Properties; Taxonomy -animal; Water Pollution Sources; ...2.1623

POLLUTED WATERS ...Animal Habitat Studies; Aquatic Ecology - Animal; Contamination - Water; Fish; Water Pollution Effects; Water Quality -general; ...2.1624

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Aquatic Ecology - Animal; Atomic Absorption; Geochemical Analysis (water); Lead; Precipitation; Water Pollution Effects; Water Purification; Zinc; ...2.1626

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Contamination - Water; Fish; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; Zinc; ...2.1628

WATER AND SEWERAGE FACILITIES REPORT ...Expenditures; Illinois; Public Utilities; Regional Economics; Urban Research - general; Water Supply Facilities; ...3.0123

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Biological Effects; Chemical Effects; Herbicides and Other Chem; Metabolism of Algicides, Oxygen Content (water); Ponds; Water Quality -general; ...4.0392

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; Pesticides -nonspecific; Plant Freshwater Ecology; Temperature (water); Water Quality -general; ...4.0716

EFFECTS OF A PESTICIDE ON REPRODUCTION OF CONFINED COTTONTAILS ...Captive Rearing; Mammals; Pesticide Action on Animals; Pesticide Formulation; Population Dynamics - general; ...4.0747

Missouri River

INVESTIGATION OF PRESENT THERMAL REGIME OF MISSOURI RIVER IN MISSOURI ...Aircraft Remote Sensing; Depth (water); Energy Conversion; Infrared Radiation; Thermal Pollution; Water Temperature Recorders; ...2.0227

AN INVESTIGATION OF THE EXTENT AND CAUSE OF EUTROPHICATION OF CANYON FERRY RESERVOIR, MONTANA ...Algae - Cyanophyta; Eutrophication; Nutrients, Reservoirs and Impoundments; Zooplankton; ...2.0232

DISPOSAL OF HEATED WATER THROUGH GROUN[illegible] SYSTEMS ...Economic Studies -general; Groundwater; Mathematical Models; Physical Models; Thermal Pollution; Water Wells; ...2.1025

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Atomic Plants; Biological Water Properties; Chemical Water Properties; Energy Conversion; Fish; Temperature (water); ...2.1633

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Aquatic Ecology - Animal; Electro-fishing; Ictalurus Punctatus; Nets; Temperature (water); ...2.1634

DISTRIBUTION AND ECOLOGY OF RIVER MOLLUSKS IN CENTRAL AND WESTERN NORTH DAKOTA ...Animal Distribution; Atlantic Ocean; Chlorine; Molluscs; Paleontology; Pollution Effects -see Water; Water Pollution Effects; ...2.1667

COORDINATING THE EFFORTS OF PARTICIPATING AGENCIES IN A STUDY OF ENVIRONMENTAL EFFECTS OF WARM WATER DISCHARGES INTO THE MISSOURI RIVER ...Biological Effects; Environment; Management (water); Thermal Pollution; ...2.1865

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Recreation; Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization -domestic; ...2.1881

Mobile Bay

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Alabama; Bacterial Ecology; Bays; Coliforms -nonspecific; Marine Pollution; Sewage; Size; Water Pollutant Identification; ...2.0464

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Boundicators; Chlorine; Contamination - Water; Mercury; Organic Matter; Pesticides -nonspecific; Population Dynamics -general; Water Pollutant Identification; Zinc; ...2.0466

Model Studies

ATMOSPHERIC DIFFUSION OF TOXIC PROPELLANT BY-PRODUCTS ...Air Pollution; Atmospheric Dynamics; Forecasting; Gases; Particulates - Air Pollution; ...1.0001

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Nevada; Precipitation; Forecasting; Radioactive Fallout; Seismology; Weather Forecasting; ...1.0021

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Contamination - Water; Fallout -see Radioactive; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Sociology; Strontium; ...1.0025

ENERGY, AIR QUALITY, AND THE SYSTEMS APPROACH ...Air Pollution; Benefit-cost Analysis; Generators; Mathematical Models; Particulates - Air Pollution; ...1.0034

PARTICLE DYNAMICS ...Atmospheric Dynamics; Diffusion; Engines; Missiles; Photography; Simulation Theory; ...1.0068

ARAP MODEL ...Atmospheric Dynamics; Mathematical Models; ...1.0077

TRAVELS OF AIRBORNE POLLEN ...Air Pollution; Air Pollution -see Specifics; Atmospheric Dynamics; Engineering Sources-other; Mathematical Models; Pollen -see Pollen; Range Or Territorial Distr.; Urban Environment; ...1.0079

FORMATION OF THE STRATOSPHERIC AEROSOL ...Aerosols; Atmosphere Composition; Particulates - Air Pollution; Stratosphere; ...1.0086

TRANSVERSE JET PLUMES ...Air Motion Meters; Energy Conversion; Sampling; Tracers; Wind Tunnels; ...1.0087

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Air Pollution Sampling; Atmospheric Dynamics; Energy Conversion; Gases; Mathematical Analysis; Particulates - Air Pollution; Smoke; Turbulence; ...1.0091

ODOR ISOPLETHS AND TRANSPORT MODELS ...Air Pollution; Forecasting - Prediction; Noise -see Noise; ...1.0094

DEVELOP ATMOSPHERIC MODELS ...Air Pollution; Air Pollution -see Specifics; Atmospheric Dynamics; ...1.0109

AIR POLLUTION POTENTIAL FROM AN URBAN FREEWAY ...Air Pollution; Air Pollution Monitoring; Freeways; Urban Research -general; ...1.0128

MODELLING POLLUTANT CONCENTRATIONS ...Air Pollution; Atmospheric Dynamics; Mathematical Models; Weather Forecasting; Wind; ...1.0136

AREA SOURCE DIFFUSION MODELLING ...Air Pollution; Diffusion; Urban Research -general; ...1.0142

NUMERICAL STUDIES OF TURBULENT FLOW ...Atmospheric Dynamics; Energy Conversion; Meteorologic Instruments -gen.; Particulates - Air Pollution; Radioactive Isotopes; Radioactivity; Wind; ...1.0144

AIR POLLUTION IN TOPOGRAPHICAL DEPRESSIONS ...Atmospheric Dynamics; Convection; Inversion; ...1.0155

FALLOUT PHENOMENOLOGY ...Atmospheric Dynamics; Fallout -see Radioactive; Heat Balance - Budget; Mesometeorology; Nuclear Detonations; Radioactive Fallout; Tracers; Wind; ...1.0158

ULTRAVIOLET RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Energy-radiation; Polarization; Transfer Phenomena; Ultraviolet Radiation; ...1.0310

STUDY OF EFFECT OF ATMOSPHERIC TURBIDITY ON SATELLITE SOUNDINGS ...Aerosols; Energy-radiation; Infrared Radiation; Particulates - Air Pollution; Polarization; Scattering; ...1.0316

ATMOSPHERIC TURBIDITY AND DIFFUSION ...Air Pollution; Boundary Layer Studies; Diffusion; Heat Exchange; Mathematical Models; Temperature; Wind; ...1.0328

INTERACTIONS BETWEEN THE GREAT LAKES AND THE ATMOSPHERE ...Air - Sea Boundary Studies; Circulation - Patterns; Condensation Physics; Mesometeorology; Snow Modification; ...1.0377

INTERDISCIPLINARY RESEARCH PROGRAM IN CLIMATOLOGY ...Climatography; Energy Conversion; Paleoclimatology; Particulates - Air Pollution; Physical Climatology; Weather Modification; ...1.0434

THE DEVELOPMENT OF URBAN ATMOSPHERE MODELS FOR AIR RESOURCE MANAGEMENT ...Air Pollution; Air Pollution -see Specifics; Urban Research -general; ...1.0477

DYNAMIC PROCESSES ...Aerosols; Chemical Composition; Geophysical Analysis; Meetings; Monitoring; Turbulence; ...1.0479

EVALUATION OF FACTORS RELATING TO THE PROPOSED DESIGNATION OF AIR QUALITY CONTROL REGIONS ...Administration and Management; Air Pollution Analysis; Atmospheric Dynamics; Government -see Federal Gov.; Urban Planning; Urban Research -general; ...1.0484

DETERMINE IF THE CONTROL REGULATIONS WILL ACHIEVE THE AIR QUALITY STANDARDS FOR SO2 - PARTICULATES - CO - HC AND OXIDANTS (ABBREV) ...Gases; Oxidants; Particulates - Air Pollution; Sulfur Dioxide Removal; ...1.0505

A MODEL FOR AIR POLLUTION CONTROL ...Air Pollution; Air Pollution-chemistry; Economic Theory; Gases; Mathematical Models; Particulates - Air Pollution; Weather Data; ...1.0551

CARBON MONOXIDE DIFFUSION MODEL ...Air Pollution Monitoring; Atmospheric Dynamics; California; Cars; Diffusion; Urban Research -general; ...1.0675

FORECAST SUPPORT ...Air Pollution; Applied Climatology; Consultants; Advisory Services; Weather Forecasting; ...1.0760

APP AIR QUALITY COMPARISON ...Air Pollution Analysis; Atmospheric Dynamics; Forecasting - Prediction; ...1.0761

PROVIDE METEOROLOGICAL SUPPORT TO EMERGENCY EPISODE PLANNING ...Air Pollution; Atmospheric Dynamics; Weather Data; ...1.0799

DIFFUSION IN TURBULENT SURFACE LAYERS ...Atmospheric Dynamics; Boundary Layer Studies; Turbulence; ...1.0886

STUDIES OF AIRBORNE PARTICULATES OF SUBMICRON SIZE ...Aerosols; Gases; Particulates - Air Pollution; Radiologic Health; ...1.0899

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Baseflow; Forecasting - Prediction;

Reservoirs and Impoundments; Rural Areas; Soil Chemical Properties; Waste Disposal on Soils; Water Table; ...2.0046

LARGE IMPOUNDMENTS - TEMPERATURE PREDICTION IN IMPOUNDMENTS ...Arid and Desert Regions; Data Acquisition; Forecasting - Prediction; ...2.0063

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Algae -nonspecific; Benthic Organisms -nonspecific; Bottom Sampling; Chemical Water Properties; Microorganisms -nonspecific; Plant Freshwater Ecology; Spectrographic Techniques; Waste Water Treatment -general; Water Quality Control -general; ...2.0114

DISPERSION AND HEAT DECAY OF THERMAL DISCHARGES ...Electric Power Plants; Energy Conversion; Forecasting - Prediction; Illinois; Illinois River; Temperature; Thermal Pollution; ...2.0129

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Organic Matter; Pesticide in Food Chains; Pesticides - nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Precipitation Gages; Radiotracers -see Tracers; Tracers; ...2.0133

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Lime Treatment; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0142

EVALUATION OF THE MAGOTHY AQUIFER - ANNAPOLIS AREA, MARYLAND ...Aquifers; Drilling and Coring; Management (water); Saline Water Intrusion; Size; Water Resources Development; ...2.0169

EUTROPHICATION STUDIES IN BOSTON HARBOR ...Algae - Chlorophyta; Eutrophication; Harbors; Massachusetts; Water Pollutant Identification; ...2.0179

THE ROLE OF MIXING IN MAINTAINING STRATIFIED FLOW ...Density; Effluents - Waste Water; Outlets; Stratification (water); Water Quality Control -general; ...2.0206

RESERVOIR SEDIMENTATION ...Aquatic Soils; Chemical Properties; Physical Properties; Reservoirs and Impoundments - Sedimentation; Soil Chemical Properties; Spillways; ...2.0213

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors, Location; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

SALT POLLUTION OF GROUNDWATER ...Artificial Recharge; Fluid Mechanics; Fresh Water; Groundwater Movement; Management (water); Saline Water Intrusion; ...2.0225

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Erosion; Forecasting - Prediction; Leaching; Nitrogen and Nitrogen Cpds.; Rain; Soil Moisture; Temperature - Air; ...2.0250

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL ...Computer Methods -general; Contamination; Development of Models, Forecasting - Prediction; Land Use; Mathematical Models; Waste Disposal on Soils; Water Quality Control - general; ...2.0343

ACID MINE DRAINAGE - PILOT PLANT EVALUATION ...Acid Mine Drainage; Aeration (water); Core Analysis; Microorganisms -nonspecific; ...2.0345

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budget; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity - general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

PHYSIOCHEMICAL RESPONSES OF RIVERS TO NATURAL AND MANMADE ENVIRONMENTAL CHANGES ...Chemical Water Properties; Mans Pollutional Activities; Nutrients; Physical Water Properties; Water Cycle; Water Pollutants - Path of; ...2.0377

EFFECTS OF FURROW, SPRINKLER AND SUBIRRIGATION METHODS ON POTENTIAL POLLUTION OF GROUNDWATER BY NITRATES AND OTHER SOLUTES ...Economic Feasibility; Furrow Irrigation; Irrigation; Nitrification; Soil Moisture; Subsurface Irrigation; Water Pollutants - Path of; ...2.0381

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Water Quality -general; ...2.0385

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties; Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of; Water Pollution Sources; Water Quality -general; ...2.0400

IN-CLOUD SCAVENGING ...Adsorption Capacity; Atmospheric Dynamics; Cloud Motions - Movement; Radioactive Fallout; Tracers; Wind; ...2.0417

A SYSTEMS ANALYSIS OF WATER AND NUTRIENT FLOWS IN THE LAKE WINGRA BASIN ...Computer Models; Eutrophication; Mathematical Analysis; Nutrients; Simulation Theory; Systems Analysis; Water Cycle; ...2.0444

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Sampling; Types of Resources; Urban Research -general; Water Pollution Sources; ...2.0479

OCEAN CIRCULATION ...Air Pollution; Atlantic Ocean; Marine Environments; Mathematical Models; Ocean Currents; Ocean Turbulence; Temperature; ...2.0508

WATER QUALITY ASSESSMENT AND POLLUTION CONTROL ...Biological Water Properties; Data Networks; Groundwater; Irrigation; Physical Water Properties; Sewage; Water Pollution Abatement; ...2.0510

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Computer Models; Drainage; Fertilizers; Impaired Water Use; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Moisture; Soil Water Plant Relationships; ...2.0513

A MULTI-PHASIC COMPONENT STUDY TO PREDICT STORM WATER POLLUTION FROM URBAN AREAS ...Benefit-cost Analysis; Forecasting - Prediction; Rainfall - Runoff Relationship; Storm Water; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0531

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Bacterial Ecology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Mathematical Models; Nutrients; Rehabilitation -streams -lakes; Sewage; Water Pollution -see Specifics; ...2.0552

PREDICTION MODELS FOR WATER QUALITY PARAMETERS ...Forecasting - Prediction; Operations Research; River Basins; Systems Analysis - Water Mgmt; Water Standards & Baselines; ...2.0556

WATER POLLUTION STUDY OF THE WABASH RIVER ...Data Acquisition; Indiana; Industrial Wastes; Urban Environment; Wabash River; Water Pollution Sources; Water Quality -general; ...2.0583

WATER QUALITY MODELING AND PREDICTION ...Dynamic Control System; Economic Theory; Filters-filtration; Forecasting - Prediction; Prediction Models; Water Pollutants - Path of; ...2.0594

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition; Carbon; Destratification; Forecasting - Prediction; Lakes, Mathematical Models; Primary Productivity - Plants; Rate Meters; ...2.0612

PHYTOPLANKTONIC NITROGEN AS AN INDEX OF CULTURAL EUTROPHICATION ...Algal Physiology; Eutrophic Lakes; Eutrophication; Nitrogen and Nitrogen Cpds.; Phytoplankton; Water Pollutant Identification; ...2.0637

DYNAMICS OF BIOCHEMICAL OXYGEN DEMAND ...Benthic Organisms -nonspecific; Carbon; New Jersey; Nitrogen and Nitrogen Cpds.; Organic Matter; Scouring; ...2.0676

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Mineralogical Properties; Salt Water; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

AUTOMATED FORECAST PROCEDURES FOR RIVER QUALITY MANAGEMENT ...Automatic Data Aquisition; Forecasting - Prediction; Mathematical Models; Ohio River; Storm Water; Water Quality -general; ...2.0714

AN IMPROVED TEMPERATURE PREDICTION MODEL FOR SMALL STREAMS ...Forecasting - Prediction; Models of Biological Systems; Oregon; Pulp and Paper Wastes; Temperature (water); Water Standards & Baselines; ...2.0740

BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL ...Aerobic Bacteria; Bacterial Pollutant Sources; Delaware Bay; Forecasting - Prediction; Recreation, Water Resources; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0756

CHEMO-DYNAMICS OF LIMESTONE GROUNDWATER ...Aquifers; Chemical Analysis (water); Geochemical Analysis (water); Groundwater; Groundwater Movement; Limestone-general; Water Quality Control -general; ...2.0766

SIMULATION OF WATER QUALITY IN STREAMS AND CANALS ...Biochemical Oxygen Demand; Flood Routing; Mineralogical Water Properties; River Basins; Texas; ...2.0808

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Energy Conversion; Flume Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

CORRELATED STUDIES OF VANCOUVER LAKE--WATER QUALITY PREDICTION STUDY ...Columbia River; Dredging; Lakes; Organic Matter; Sediments; Water Quality Control - general; ...2.0840

ADSORPTION OF ORGANIC COMPOUNDS ONTO SOLIDS FROM AQUEOUS SOLUTIONS ...Adsorption; Chemical Mechanisms & Kinetics; Constants; Fluid Mechanics; Forecasting - Prediction; Organic Matter; Organics; ...2.0949

DECISION PROCESSES IN WATER QUALITY MANAGEMENT ...Administration and Management; Computer Models; Management; Simulation Theory; ...2.0963

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis; Management (water); Multiple Purpose Reservoirs; Potable Water; Regional Economics; Social Aspects; Waste Water Treatment -general; Water Resources Planning; ...2.0967

RIVER BASINS - SOUTH FORK DAM ...Agricultural Studies - general; Dams -general; Irrigation; Platte River; River Basins; ...2.0978

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers, Drainage; Drainage Engineering; Fluid Mechanics, Flume Studies; Hydrostatic; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

DISPERSION DURING FLOW IN HETEROGENEOUS POROUS MEDIA ...Data Reduction and Analysis; Fluid Mechanics; Groundwater Movement; Isotope Tracer -see Tracers; Seepage (water); Water Pollutants - Path of; ...2.1014

MATHEMATICAL MODEL OF STORM AND SANITARY INTERCEPTOR SYSTEM ...Flow Regulations; Mathematical Models; Mississippi River; Rainfall - Runoff Relationship; Sewer Interceptor Station; Storm Sewer Quantity; Storm Water; ...2.1048

LAKE ERIE DIKE ...Dams -general; Harbors; Iron and Steel Industry; Physical Models; Sediments; Waste Type; Waves -see Ocean Waves; ...2.1051

ANALYSIS OF THERMAL POLLUTION DISPERSION ...Aeration (water); Effluents - Waste Water; Stratification (water); Water Pollution Effects; ...2.1055

ESTUARINE DIFFUSION OF POLLUTANTS ...Bays; Fluid Mechanics; Fresh Water; Oregon; Stratification (water); ...2.1085

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency; Flow Characteristics (water); Industrial Wastes; North Carolina; Systems Analysis - Water Mgmt; Water Quality - general; Water Resources Protection; ...2.1104

HORIZONTAL DISPERSION IN SHALLOW ESTUARIES OF IRREGULAR SHAPE ...Circulation (water); Development of Models; Dispersion (water); Estuaries; Gulf of Mexico; Ocean Circulation -general; Water Quality -general; ...2.1107

WATER MEASUREMENT AND APPLICATION DEVICES ...Irrigation; Irrigation Engineering; Physical Models; Sediments; Water Application Methods; Water Transfer; ...2.1113

OPTIMUM DESIGN OF WASTE STABILIZATION PONDS ...Dispersion (water); Dyes; Inlets; Outlets; Pond; Sewage Lagoons; Utah; ...2.1114

UNSTEADY FLOW AND SALINE INTRUSION IN ESTUARIES ...Channels; Development of Models; Digital Computer Applications; Estuaries; Fluid Mechanics; Mathematical Models; Saline Water Intrusion; ...2.1116

UTILIZATION OF PHYSICAL AND MATHEMATICAL MODELS IN ESTUARINE WATER RESOURCES RESEARCH AND MANAGEMENT ...Analog Computer Applications; Dispersion (water); Estuaries; Management (water); Mathematical Models; Tides; ...2.1122

CONTROLLING THE LOCATION AND DISPERSION OF A THERMAL POLLUTING EFFLUENT ...Dispersion (water); Dyes; Energy Conversion; Thermal Pollution; ...2.1125

VERIFICATION OF MODELS USED IN THE MANAGEMENT AND CONTROL OF WATER QUALITY ...Disposal Wastes; Effluents - Waste Water Management (water); Washington; Water Quality Control -general; ...2.1127

ENTERIC VIRUS REMOVAL FROM SEWAGE STABILIZATION PONDS ...Pilot Plants Pond; Sewage Lagoons; Sewage Treatment Plant; Viral Pollutant Sources; Waste Water Treatment -general; ...2.1167

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Algae -nonspecific; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Pilot Plants; Process Design; Turbidity (water); Waste Water Treatment -general; ...2.1170

RENOVATION OF MUNICIPAL WASTEWATER BY REVERSE OSMOSIS SYSTEMS ...Depolymerization; Membranes Process Design; Reverse Osmosis; Urban Environment; ...2.1175

AMMONIA STRIPPING MATHEMATICAL MODEL FOR WASTE WATER TREATMENT ...Aeration (water); Computer Languages, Development of Models; Finance -see Economics Entries; Mathematical Models; Precipitation; Waste Treatment Economics; ...2.1246

COMPETITIVE ADSORPTION IN THE REMOVAL OF ORGANIC POLLUTANTS FROM AQUEOUS SOLUTION ...Adsorption; Chemical Mechanisms & Kinetics; Organic Matter; Organics; Waste Water Treatment -general; Water Chemistry; ...2.1263

EXPERIMENTAL OPTIMIZATION OF STEP AERATION WASTE TREATMENT SYSTEMS ...Aeration (water); Development of Models; Mathematical Models; Optimization, Economic; Systems Analysis - Water Mgmt; ...2.1276

EFFECTS OF ECONOMIC DEVELOPMENT UPON WATER RESOURCES ...Data Acquisition; Data Reduction and Analysis; Economic Impact; Forecasting - Prediction; Industrial Wastes; Management (water); Water Pollution Abatement; ...2.1289

MATHEMATICAL MODEL OF THE ELECTRODIALYSIS PROCESS FOR ADVANCED WASTE TREATMENT ...Electrodialysis; Process Design; Waste Water Treatment -general; ...2.1299

PROCESS CONTROL MODEL FOR OXYGEN REGENERATION OF POLLUTED RIVERS ...Aeration (water); Benefit-cost Analysis; Information Control Theory; Mathematical Analysis; Systems Analysis - Water Mgmt; ...2.1335

COORDINATED MANAGEMENT AND DESIGN OF METROPOLITAN AREA WATER SUPPLY AND WASTE WATER DISPOSAL NETWORKS - A LINKED SYSTEMS ANALYSIS ...Management (water); Optimization, Economic; Sewer Systems; Systems Analysis - Water Mgmt; Urban Research -general; Water Distribution Systems; ...2.1349

BIOLOGICAL TREATMENT OF ACID MINE WATER ...Acid Mine Wastes; Acidity (water); Anaerobic Wastewater Treatment; Process Design; ...2.1354

GROUNDWATER FLOW IN PARTIALLY SATURATED SOILS ...Drainage; Groundwater Movement; Seepage (water); Sewage; Soil Permeability; Water Quality Control -general; Water Supply - general; ...2.1412

MANAGEMENT OF INDUSTRIAL WASTE DISCHARGES IN COMPLEX ESTUARINE SYSTEMS ...Data Acquisition; Estuaries; Industrial Wastes; Management (water); Salinity (water); Texas; Water Standards & Baselines; ...2.1425

THERMODYNAMICS OF WASTE STABILIZATION PONDS ...Functions and Properties; Photosynthesis; Pond; ...2.1436

DEFINITION OF THE MIXING ZONE FOR WASTE EFFLUENT DISCHARGED INTO SURFACE WATERS ...Aerial Photography -see Photo.; Dispersion (water); Effluents - Waste Water; Energy Conversion; Physical Models; Water Pollutants - Path of; ...2.1469

INVESTIGATIONS OF ZOOGLOEAL FLOCS ...Bacterial Classification; Bacterial Identification; Flocculation; Waste Water Treatment -general; ...2.1451

COLUMBIA RIVER THERMAL EFFECTS STUDY ...Aquatic Ecology - Animal; Columbia River; Environment Resistance-animals; Fish; Forecasting - Prediction; Temperature (water); Thermal Pollution; ...2.1523

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Nutrients; Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Projection; ...2.1581

A SYSTEMS APPROACH FOR THE STUDY AND CONTROL OF FACTORS AFFECTING WATER POLLUTION ...Literature Search; Optimization, Economic; River Basins; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Pollution Sources; Water Quality Control -general; ...2.1610

EFFECTS OF RECENT AND PAST PHOSPHATE FERTILIZATION ON THE AMOUNTS OF PHOSPHORUS PERCOLATING THROUGH SOIL PROFILES INTO SUBSURFACE WATERS ...Adsorption, Fertilizers; Mineralogy, Percolation (water); Soil Analysis, Soil Chemical Properties, Soil Organic Content; ...2.1616

TEMPERATURE REGIMEN IN TIDAL WATERS ...Aquatic Ecology - Animal; Biological Effects; Ecological Effects; Tides; Water Purification; ...2.1644

CONTROLLING THERMAL POLLUTION IN SMALL STREAMS ...Energy Budgets; Flow Characteristics (water); Induced Temperature; Lumbering -general; Pulp and Paper Wastes; Temperature (water); Thermal Pollution; ...2.1677

DEPENDENCE OF FISH ON TIDAL MARSHES ...Aquatic Ecology - Animal; Computer Models; Management (water); Tides; ...2.1695

EFFECTS OF TEMPERATURE ON AQUATIC LIFE ...Animal Productivity; Channels; Fish; Temperature (water); ...2.1712

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Biological Water Properties; Destratification; Flow Characteristics (water); Physical Water Properties; Reservoirs and Impoundments; Tennessee; Water Quality Control -general; Water Supply -general; ...2.1713

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

SIMULATION MODELING OF THERMAL EFFECTS ON SELECTED RIVER SYSTEMS ...Atomic Plants; Development of Models; Energy Conversion; Illinois River; River Basins; Water Pollution Effects; ...2.1754

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants, Filtration; Power Plants -see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

SIMULATION MODELING OF ENVIRONMENTAL EFFECTS OF THERMAL GENERATION ...Atomic Plants; Columbia River; Electric Power Plants; Environment; Great Lakes -see Specific Lake; Simulation Theory; ...2.1759

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Nutrients; Physical Water Properties; Primary Productivity - Plants; Statistics; Washington; Water Purification; ...2.1768

EVALUATION OF GROUNDWATER RESOURCES, LIVERMORE VALLEY, CALIFORNIA ...California; Flow Characteristics (water); Management (water); Soil Tillage; Water Quality -general; ...2.1789

ENVIRONMENTAL DECISION-MAKING IN THE LAKE TAHOE BASIN ...Coastlines - Shorelines; Environmental Hazards; Eutrophication; Recreation, Water Resources; Urban Environment; Water Resources Planning; ...2.1790

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Pesticides - see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Economic Efficiency; Legal Review; Management (water); Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

DEVELOPMENT OF COST CRITERIA FOR WATER SUPPLY ...Illinois; Urban Environment; Water - Alternative Uses; Water Resources Development; Water Transfer; ...2.1824

LAKE MICHIGAN WATER QUALITY MODEL ...Chemical Water Properties; Management (water); Mineralogical Water Properties; Rain; Water Quality -general; ...2.1825

WATER QUALITY MODEL DERIVED FROM SYSTEM ANALYSES ...Management (water); Optimization, Economic; River Basins; Systems Analysis - Water Mgmt; Water Quality -general; ...2.1826

ECONOMIC ANALYSIS OF OPTIMAL WATER QUALITY MANAGEMENT ...Economic Theory; Indiana; Management; Management (water); Optimization, Economic; Systems Analysis - Water Mgmt; Water Quality Control -general; ...2.1830

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Optimization, Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Expenditures; Finance -see Economics Entries; Lakes; Massachusetts; Riparian Rights; Water Pollution Abatement; Water Resources Planning; ...2.1843

THE ECONOMICS OF WATER SUPPLY AND QUALITY ...Benefit-cost Analysis; Estuaries; River Basins; Water Pollution Abatement; Water Resources Planning; ...2.1847

MATHEMATICAL WATER QUALITY PLANNING MODELS ...Bays; Harbors; Massachusetts; Systems Analysis - Water Mgmt; Tides; Water Resources Planning; ...2.1850

AN ENGINEERING ECONOMIC STUDY OF RECLAMATION AND MULTIPLE REUSE AS A WATER SUPPLY ALTERNATIVE ...Economic Efficiency; Water Reuse; Water Standards & Baselines; Water Supply Augmentation; ...2.1854

ECONOMICS OF WATER QUALITY CONTROL IN THE UPPER MISSISSIPPI RIVER (MINNESOTA) ...Benefit-cost Analysis; Disposal Wastes; Minnesota; Waste Treatment Economics; Water Purification; Water Resources Planning; ...2.1860

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

STOCHASTIC MODELS FOR WATER RESOURCES MANAGEMENT ...Economic Theory; Management (water); River Basins; Stochastic Models; Water Allocation; Water Resources Planning; Water Supply Augmentation; ...2.1879

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Confidence Intervals; Digital Computer Applications; Hudson River; Monte Carlo Methods; Optimization Technique, River Basins; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

ALLOCATION OF STREAM POLLUTION CARRYING CAPACITY ...Administrative Organizations; Benefit-cost Analysis; Legislation - Zoning; Social Aspects; Water Allocation; Water Pollution Abatement; ...2.1885

ECONOMIC EVALUATION OF WATER POLLUTION CONTROL ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Management (water); Recreation, Water Resources; Water Quality Control -general; Welfare Economics; ...2.1899

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Delaware River; Effluents - Waste Water; Estuaries; Industrial Wastes; Sedimentation; Waste Disposal-see Solid Waste; Water Resources Development; Water Utilization -general; ...2.1903

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Consumption; Development of Models; Floods; Land Use; Mathematical Models; Recreation, Water Resources; Statistical Models; Urban Research; ...2.1904

USE OF ADVANCED WATER RESOURCES PLANNING TECHNIQUES IN THE DEVELOPMENT OF REGIONAL WATER MANAGEMENT PROGRAMS ...Industrial Wastes; River Basins; Systems Analysis - Water Mgmt; Water Quality - general; Water Resources Planning; ...2.1912

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

THE ENVIRONMENT AND TECHNOLOGICAL ASSESSMENT ...Atomic Plants; Environmental Effects - Human; Filtration; Lake Tahoe Management (water); Rate of Mutation; ...2.1917

ANALYSIS OF WATER RESOURCES ADMINISTRATIVE AGENCIES ...Administration and Management; Management (water); Recreation, Water Resources; Types of Resources; Water Quality -general; Water Resources Planning; ...2.1926

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants, Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization - general; ...2.1936

CHARACTERIZATION OF THE ACTIVATED SLUDGE PROCESS AT THE HYPERION TREATMENT PLANT ...Activated; California; Waste Water Treatment -general; Water Purification; ...3.0071

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ...Building Design; Coastlines - Shorelines; Economic Planning, Mathematical Models; Planning, Regional Economics; Urban Planning; Water Quality -general; ...3.0084

MASS TRANSFER AND CHEMICAL REACTION IN TWO-PHASE FLOW ...Aeration (water); Fluid Mechanics; Pipe; Sewer Systems; Waste Water Treatment -general; ...3.0100

OCEAN DISPOSAL OF INDUSTRIAL WASTES ...Acidity (water); Chemical Effects; Disposal Wastes; Industrial Wastes; Mathematical Models; ...3.0101

IDENTIFICATION OF LIMITING FACTORS IN THE BIOLOGICAL TREATMENT OF SEWAGE ...Activated; Kinetics; Literature Search; Pilot Plants; Sewage Bacteria; ...3.0102

PERFORMANCE OF THE INCLINED-PLANE TRICKLING FILTER FOR AEROBIC DISPOSAL OF ANIMAL WASTE ...Animal Wastes - Feed Lots; Farm Animal Wastes; Filtration; Mathematical Models; Trickling Filters; ...3.0112

DEVELOPMENT OF A MATHEMATICAL MODEL FOR SEPARATION, COAGULATION AND SEDIMENTATION PROCESS USING ADDITION OF CHEMICALS ...Alum Waste Water Treatment; Coagulation; Effluent-standards; Lime Treatment; Process Design, Sedimentation; Waste Treatment Economics, ...3.0124

DEVELOPMENT OF MATHEMATICAL MODEL OF SEWAGE SLUDGE FLUIDIZED BED INCINERATORS ...Burning; Development of Models; Fluidized Bed Reactor; ...3.0125

CHLORINE CONTACT TANK DESIGN ...Chemical Analysis - general; Disinfection; Flume Studies; Physical Models; Tanks; ...3.0130

DEVELOPMENT OF A DEVICE FOR DISCHARGE MEASUREMENT WITHIN A SEWER PIPE ...Fluid Mechanics; Physical Models; Pipe; Pipes; Urban Environment; Urban Research - general; ...3.0135

FARM WASTE DISPOSAL ...Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Farm Animal Wastes; Irrigation; Physical Models; Sewage Lagoons; Tennessee; ...3.0316

A MATHEMATICAL MODEL FOR THE FINAL CLARIFIER OF AN ACTIVATED SLUDGE PROCESS ...Activated; Economic Theory; Effluents - Waste Water; Thickening; ...3.0354

SOPPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

METEOROLOGY FOR NUCLEAR TESTING ...Aleutian Islands; Computer Models; Forecasting - Prediction; Mississippi; Nevada; Radioactive Fallout; Solar Radiation -sunshine; Weather Forecasting; ...5.0003

STUDIES OF DEPOSITION AND REDISTRIBUTION OF DEBRIS FROM SPECIFIC NUCLEAR EVENTS ...Air Pollution Analysis; Analytical Instruments; Atmospheric Dynamics; Micrometeorology; Nevada; Radioactive Fallout; Radioactivity; ...5.0005

THE STUDY OF THE LIFE HISTORY OF RADIONUCLIDES RELEASED INTO A MARINE AND TERRESTRIAL ECOSYSTEM AT THE SITE OF A SMALL BOILING-WATER REACTOR ...Atomic Plants; Hydrogen; Marine Biology - General; Reactor Sites & Rad Waste; Water Cycle; ...5.0010

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties; Eastern U. S.; Gramineae; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; Water Cycle; ...5.0032

AMCHITKA GEOLOGIC INVESTIGATIONS ...Alaska; Geologic Maps; Marine Geology; Seismology; Structural Analysis - Geology; Tectonics; ...5.0204

VENTILATION, ILLUMINATION, AND NOISE CONTROL IN TUNNELS ...Building Construction; Noise; Traffic Engineering, Transportation Buildings, Transportation Design; Tunnels; ...6.0032

Computer Models

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Contamination - Water; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Seismology; Strontium; ...1.0025

PLANETARY BOUNDARY LAYER STUDIES ...Balloons; Heat Exchange; Temperature; Urban Research -general; ...1.0143

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Atmosphere Disturbance; Cloud Temperature; Color - Brightness; Cumulus; Microwave Radiation; Radiation Balance -cloud; Simulation Theory; Temperature; ...1.0358

OPTIMAL CONTROL OF POLLUTION DISTRIBUTION ...Economic Theory; Taxes - General; Water Quality Control - general; Welfare Economics; ...1.0444

AIR POLLUTION MODELING - INTEGRATION OF TECHNICAL AND SOCIO-ECONOMIC CONSIDERATION ...Air Pollution; Urban Research -general; ...1.0488

PREDICTION OF MINERAL QUALITY OF RETURN FLOW WATER FROM IRRIGATED LAND ...Effluents - Waste Water; Irrigation; Percolation (water); Soil Chemical Properties; Water Storage; ...2.0067

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

MODELING AND OPTIMIZATION OF THERMAL POLLUTION CONTROL SYSTEMS ...Electric Power Plants; Forecasting - Prediction; Mathematical Models; Thermal Pollution; ...2.0157

EVALUATION OF THE MAGOTHY AQUIFER - ANNAPOLIS AREA, MARYLAND ...Aquifers; Drilling and Coring; Management (water); Model Studies; Saline Water Intrusion; Size; Water Resources Development; ...2.0169

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL ...Computer Methods -general; Contamination; Development of Models; Forecasting - Prediction; Land Use; Mathematical Models; Model Studies; Waste Disposal on Soils; Water Quality Control -general; ...2.0343

SEPARATION OF SOLAR AND HEATED DISCHARGE EFFECTS ...Dyes; Energy Conversion; Rocks - Bedrock; Solar Radiation -sunshine; Thermal Pollution; Turbidity (water); Water Pollutants - Path of; ...2.0372

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Groundwater; Infiltration; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

A SYSTEMS ANALYSIS OF WATER AND NUTRIENT FLOWS IN THE LAKE WINGRA BASIN ...Eutrophication; Mathematical Analysis; Nutrients; Simulation Theory; Systems Analysis; Water Cycle; ...2.0444

HYBRID COMPUTER SIMULATION OF GROUND-WATER BASINS ...California; Data Networks; Development of Models; Groundwater; Simulation Theory, Training Grants, Fellowships; Water Quality Control -general; ...2.0492

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Drainage; Fertilizers; Impaired Water Use; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Moisture; Soil Water Plant Relationships; ...2.0513

DISSOLVED OXYGEN AND OXYGEN DEMAND IN A SALT MARSH BORDERED ESTUARY ...Biological Water Properties; Georgia; Physical Water Properties; Tidewater Areas; ...2.0559

DIGITAL COMPUTER MODELING OF LIMESTONE GROUNDWATER SYSTEMS ...Aquifers; Forecasting - Prediction; Groundwater Basins; Limestone-general; Mathematical Models; Water Pollutants - Path of; Water Wells; ...2.0601

FINITE ELEMENT APPROACH TO THE POLLUTION ANALYSIS OF LAKES ...Hydraulics; Lakes; Sediments; Thermal Pollution; ...2.0689

MULTI-BASIN WATER QUALITY SIMULATION ...Canals; Flood Routing; Land Use; Texas; Water Costs; Water Standards & Baselines; ...2.0810

ELECTRICAL LOGGING IN AQUATIC ENVIRONMENTS ...Mapping; Marine Geology; Marine Pollution; Ocean Coring and Dredging; Ocean Mining; ...2.0818

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Cybernetics; Development of Models; Land Use; River Basins; Urban Environment; Urban Research -general; Watersheds; ...2.0822

DECISION PROCESSES IN WATER QUALITY MANAGEMENT ...Administration and Management; Management; Model Studies; Simulation Theory; ...2.0963

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Data Reduction and Analysis; Forecasting - Prediction; Groundwater; Land Use; Mans Pollutional Activities; Sewage; Waste Disposal-see Solid Waste; Water Quality -general; ...2.1054

COMPLTE SIMULATION OF DIFFUSION STUDIES ...Differential Equations; Fluid Mechanics; Mathematical Analysis; Monte Carlo Methods; Water Quality -general; ...2.1066

RECLAMATION OF POLLUTED FRESHWATER AQUIFERS BY PURGING ...Aquifers; Mapping; Simulation Theory; Water Pollutant Identification; ...2.1083

POTOMAC RIVER BASIN PROJECT ...Alluvium - Alluvial; Drilling and Coring; Groundwater; Mapping; River Basins; Water Table; ...2.1117

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution - see Specifics; Computer Methods -general; Energy Budgets; Metabolism and Biochemistry; Plant Competition; Plant Physiological Ecology; Plant Response to Env. -ns; Temperature - Internal; Water Utilization -plant; ...2.1629

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

DEPENDENCE OF FISH ON TIDAL MARSHES ...Aquatic Ecology - Animal; Management (water); Model Studies; Tides; ...2.1695

REGIONAL MODELING OF SURFACE WATER TEMPERATURES FROM PROJECTED POWER GROWTH ...Atomic Plants; Forecasting - Prediction; Mississippi River; River Basins; Thermal Pollution; ...2.1760

EFFICIENT PRICING FOR URBAN WASTE WATER RENOVATION - PHASE I ...Activated Sludge; Plating Wastes; Simulation Theory; Urban Research -general; ...2.1807

ENVIRONMENTAL QUALITY ...Benefit-cost Analysis; Management (water); Water Quality -general; Water Resources Planning; ...2.1810

NETWORK EVALUATION OF WASTEWATER COLLECTION ECONOMICS ...Benefit-cost Analysis; Cost-benefit Analysis; Demography; Public Utilities; Pumps; Social Aspects; Urban Research -general; ...2.1820

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation; Water Resources; Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

METEOROLOGY FOR NUCLEAR TESTING ...Aleutian Islands; Forecasting - Prediction; Mississippi; Nevada; Radioactive Fallout; Solar Radiation -sunshine; Weather Forecasting; ...5.0003

SYSTEMS ECOLOGY ...Animal Predation; Computer Methods - general; Energy Budgets; Environmental Ecology; Plant Ecology - nonspecific; Plant Productivity -general; Radioactive Pollution -ns; Reactor Sites & Rad Waste; Systems Analysis; ...5.0074

Mathematical Models

NUMERICAL MODEL OF THE URBAN ATMOSPHERE ...Advection; California; Humidity - Water Vapor; Mesometeorology; Rural Areas; Urban Environment; ...1.0007

DIFFUSION AND DISPOSAL OF AIR POLLUTION ...Air Pollution; Atmospheric Dynamics; California; Urban Research - general; ...1.0010

CHICAGO AIR POLLUTION SYSTEMS MODEL ...Air Cleaning Devices; Diffusion; Gases; Trace Analysis; Urban Environment; Weather Data; ...1.0046

DEVELOPING TIME-CONCENTRATION MATHEMATICAL MODEL FOR VARIOUS POLLUTANTS ...Atmospheric Dynamics; Distributions; ...1.0107

MODELLING POLLUTANT CONCENTRATIONS ...Air Pollution; Atmospheric Dynamics; Model Studies; Weather Forecasting; Wind; ...1.0136

COMPOSITION AND DISTRIBUTION OF FOREST FIRE SMOKE ...Abies; Air Pollution -see Specifics; Chemical Analysis -general; Combustion Air Pollution-gen; Fire Research -see Forest Fire; Larix; ...1.0156

ATMOSPHERIC TURBIDITY AND DIFFUSION ...Air Pollution; Boundary Layer Studies; Diffusion; Heat Exchange; Temperature; Wind; ...1.0328

RELATIONSHIPS BETWEEN CERTAIN AIR POLLUTANTS AND VARIOUS METEOROLOGICAL FACTORS ...Air Pollution; Air Pollution -see Specifics; Climates -general; Models of Biological Systems; New Jersey; Weather Forecasting; Wind; ...1.0371

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0433

INADVERTENT WEATHER MODIFICATION BY URBAN POLLUTION ...Aerosols; Air Pollution Effects; Cloud Structure; Precipitation Modification; ...1.0438

AQCR ASSISTANCE - CONTROL STRATEGY ...Air Pollution; Air Pollution -see Specifics; ...1.0617

WET SCRUBBER STUDY - VENTURI SCRUBBER AND TURBULENT BED CONTACTOR ...Gases; Particulates - Air Pollution; Scrubbers; Sulfur Dioxide Removal; ...1.0663

A NUMERICAL MODEL OF THE SEA-BREEZE CIRCULATION ...Atmospheric Dynamics; Circulation - Patterns; Forecasting - Prediction; Temperature; Urban Research -general; Wind; ...1.0696

FIELD MEASUREMENTS OF ATMOSPHERIC TURBULENCE ...Atmospheric Dynamics; Bomex; Lake Michigan; Weather Forecasting; ...1.0699

NUMERICAL STUDY OF URBAN SCALE ATMOSPHERIC TRANSPORT ...Air Pollution -see Specifics; Atmospheric Dynamics; Environmental Effects - Human; Urban Environment; Urban Research -general; ...1.0714

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0837

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Land Use; Physiography -general; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

PLANKTON COMMUNITY ECOLOGY IN NORTHERN CALIFORNIA LAKES ...Benthic Organisms -nonspecific; Energy Budgets; Forest Watersheds; Lower Plants; Nutrients; Plant Population Dynamics -gen; Water Bacteria; Zooplankton; ...2.0033

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

EUTROPHICATION FACTORS IN NORTH CENTRAL FLORIDA LAKES ...Eutrophic Lakes; Eutrophication; Florida; Nutrients; Sub . Tropic Regions; Systems Analysis - Water Mgmt; ...2.0103

MODELING AND OPTIMIZATION OF THERMAL POLLUTION CONTROL SYSTEMS ...Computer Models; Electric Power Plants; Forecasting - Prediction; Thermal Pollution; ...2.0157

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Urban Research -general; ...2.0180

DEVELOPMENT OF A MATHEMATICAL MODEL TO PREDICT THE ROLE OF SURFACE RUNOFF AND GROUND WATER FLOW IN OVERFERTILIZATION OF SURFACE WATERS ...Agricultural Runoff, Eutrophication; Groundwater; Minnesota; Phosphorus and Phosphorus Cpds; Water Balance - Budget; ...2.0208

EVALUATION OF SUBSURFACE MOVEMENT OF LEACHATES PRODUCED FROM SANITARY LANDFILLS ...Environmental Geology, Groundwater; Groundwater Movement, Leaching; Missouri; Santary Landfills, Water Quality -general; ...2.0228

HYDRODYNAMICS AND DISCHARGE MEASUREMENTS OF STORM SEWERS ...Fluid Mechanics; Soil Tillage; Storm Sewer Quantity, Urban Environment; ...2.0249

KINETICS OF MICROBIOLOGICALLY MEDIATED TRANSFORMATIONS OF HEAVY METALS IN AQUATIC ENVIRONMENTS ...Acidity (water), Estuaries, Lakes; Mercury; Zinc; ...2.0261

POWER PRODUCTION ...Atomic Plants, Chemical Effects, Density; Effluents - Waste Water; Energy Conversion; Reservoirs and Impoundments; Thermal Pollution; ...2.0337

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL ...Computer Methods -general; Contamination; Development of Models; Forecasting - Prediction; Land Use; Model Studies; Waste Disposal on Soils; Water Quality Control -general; ...2.0343

OPTIMAL RECREATIONAL DEVELOPMENT IN URBAN RIVERINE AREAS ...Costs -see Economics Entries; Industrial Wastes; Optimization, Economic; Reservoirs and Impoundments, Savings and Investment; Urban Environment; Urban Research - general; ...2.0346

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection, Chemical Water Properties; Growth; Lakes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Stratification (water); Temperature; ...2.0448

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River, Nevada; Optical Properties of Water, Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; Zooplankton, ...2.0477

OCEAN CIRCULATION ...Air Pollution, Atlantic Ocean; Marine Environments; Model Studies; Ocean Currents; Ocean Turbulence; Temperature, ...2.0508

DISSOLVED OXYGEN AND OXYGEN DEMAND IN A SALT MARSH BORDERED ESTUARY ...Biological Water Properties, Computer Models; Georgia; Physical Water Properties; Tidewater Areas; ...2.0559

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition, Carbon, Destratification; Forecasting - Prediction; Lakes; Primary Productivity - Plants; Rate Meters; ...2.0612

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Economic Theory; Hydrographs; Mathematical Analysis; Prediction; Rural Areas; Storm Sewer Quantity; Urban Research -general; ...2.0619

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory, Groundwater Movement; Management; Management (water); Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

A PROPOSAL TO DEVELOP A PLAN FOR THE CONSTRUCTION AND TESTING OF WATER POLLUTION FORECASTING MODELS ...Forecasting - Prediction; Water Costs; Water Quality Control -general; Water Supply -general; ...2.0660

UPPER DELAWARE WASTE ASSIMILATIVE CAPACITY MODEL ...Acidity (water); Biological Water Properties; Delaware River; New Jersey; Sewage - Domestic; Waste Disposal-see Solid Waste; ...2.0678

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Habitat Studies; Boat Discharges; Forecasting - Prediction; New York; Swamps - Marshes; Water Bacteria; Waterfowl -nonspecific; ...2.0693

URBAN RUNOFF CHARACTERISTICS ...Ohio; Sewer Systems; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0720

TIDAL FLATS IN ESTUARINE WATER QUALITY ...Estuaries; Tidewater Areas; Water Quality -general; ...2.0739

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Data Reduction and Analysis; Estuaries; Radioactivity; Streams; Tides; Water Pollution Sources; ...2.0749

BAY WATCH ...Air Pollution Monitoring, Bays; Forecasting - Prediction; Marine Pollution; Physical Models; Water Quality Control -general; ...2.0772

ANALYTICAL PHYSICAL MODEL ...Bays; Biological Water Properties; Marine Pollution; Mathematical Analysis; Physical Models; Rhode Island; Thermodynamics; ...2.0777

TEMPERATURE DISTRIBUTIONS RESULTING FROM COOLING WATER DISCHARGES ...Development of Models; Energy Conversion, Power Reservoirs; Streams; Thermal Pollution; ...2.0805

APPLICATION OF STOCHASTIC TECHNIQUES TO WATER QUALITY DATA ANALYSIS ...Data Reduction and Analysis; Simulation Theory; Statistical Models; Stochastic Processes; Water Quality -general; ...2.0809

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Energy Conversion; Flume Studies; Model Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

WATER POLLUTION ...Estuaries; Stochastic Models; Stochastic Processes; Water Quality -general; ...2.0831

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants, Mineralogical Water Properties; Organic Water Properties, Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF MIXING ZONE FOR WASTE EFFLUENTS DISCHARGED INTO STREAMS OR RIVERS ...Coastlines - Shorelines; Effluents - Waste Water; Lakes, Outlets; Streams & Rivers; ...2.0861

BUFFER CAPACITY IN AQUATIC ECOSYSTEMS ...Acidity (water); Alkalinity (water); Biological Water Properties; Plant Freshwater Ecology, Water Quality Control -general; ...2.0889

KINETICS OF BIOLOGICAL FILTERS ...Aerobic Waste Water Treatment; Cellular Model Systems, Kinetics; Microorganisms - nonspecific; Organics; Trickling Filters; ...2.0943

MIXING PROCESSES IN SATURATED AND UNSATURATED SOIL-WATER SYSTEMS IN RELATION TO POLLUTION ...Chlorine; Fluid Mechanics; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; ...2.0965

WATER QUALITY CONTROL BY SELECTIVE WITHDRAWAL AND REAERATION ...Aeration (water); Reservoirs and Impoundments; Seismology; Turbidity (water); Water Quality - general; ...2.0979

THREE DIMENSIONAL DISPERSION FROM POINT SOURCES OF CHEMICAL OR THERMAL POLLUTION IN OPEN CHANNELS ...Channels; Lasers - Masers; Radiation Detectors, Scattering, Thermal Pollution; Water Pollutant Identification; ...2.0990

CHARACTERIZATION OF STREAM REAERATION CAPACITY ...Aeration (water); Tracers, Waste Treatment Economics; Waste Water Treatment -general; ...2.0998

DISPOSAL OF HEATED WATER THROUGH GROUND WATER SYSTEMS ...Economic Studies -general, Groundwater; Physical Models; Thermal Pollution; Water Wells; ...2.1025

THE DISPERSION OF CONTINUOUSLY INJECTED EFFLUENTS IN OPEN CHANNELS ...Dispersion (water); Effluents - Waste Water; Fluid Mechanics; Hydraulics; Mississippi; Physical Models; ...2.1029

INDUCED AIR MIXING OF LARGE BODIES OF POLLUTED WATER ...Acidity (water); Density; Industrial Wastes; Reservoirs and Impoundments; ...2.1031

MATHEMATICAL MODEL OF STORM AND SANITARY INTERCEPTOR SYSTEM ...Flow Regulations; Mississippi River; Rainfall - Runoff Relationship; Sewer Interceptor Station; Storm Sewer Quantity; Storm Water; ...2.1048

RESEARCH ON PHYSICAL ASPECTS OF THERMAL POLLUTION ...Energy Conversion; Fluid Mechanics; Forecasting - Prediction; Lakes; Stratification (water); Thermal Pollution; Thermocline; ...2.1063

TEMPERATURE DISTRIBUTION IN THE VICINITY OF WASTE HEAT DISCHARGES ...Electric Power Plants; Energy Conversion; Forecasting - Prediction; High Temp. - 85f Or Above; Stratification (water); Thermal Pollution; ...2.1096

TRANSIENT FLOW MODEL FOR BETTER WATER QUALITY CONTROL, KENTUCKY RESERVOIR ...Canals; Electric Power Plants; Energy Conversion; Forecasting - Prediction; Reservoirs and Impoundments; Water Quality Control -general; ...2.1097

DISCHARGE OF NEGATIVELY BUOYANT FLUIDS ...Data Networks; Density; Energy Conversion; Fluid Mechanics; Stratification (water); ...2.1101

TURBULENT DIFFUSION AND REAERATION IN NATURAL RIVERS ...Activation Analysis; Aeration (water); Analysis and Detection; Dispersion (water); Radioisotopes; Reservoirs and Impoundments; ...2.1102

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

MODELING OF VENTED HYDROTURBINE REAERATION ...Aeration (water); Energy Conversion; Fluid Mechanics; Pumps; Reservoirs and Impoundments; Turbines; ...2.1134

CONSERVATION OF FRESH-WATER RESOURCES BY DEEP-WELL DISPOSAL OF LIQUID WASTES ...Burial; Engineering Geology; Geophysical Analysis; Porosity; Subsurface; ...2.1148

EVALUATION OF AN OXIDATION-DITCH WASTEWATER TREATMENT PLANT IN SUB-ARCTIC ALASKA ...Alaska; Biological Treatment-general; Meteorological Extremes; Oxygen; Pond; Sub - Polar Regions; Waste Treatment Economics; ...2.1150

HEAT AND MOISTURE CONDUCTION IN UNSATURATED SOILS ...Atomic Plants; Energy Conversion; Saturated - Unsaturated Soils; Soil Thermal Properties; Thermal Pollution; ...2.1160

AMMONIA STRIPPING MATHEMATICAL MODEL FOR WASTE WATER TREATMENT ...Aeration (water); Computer Languages; Development of Models; Finance -see Economics Entries; Model Studies; Precipitation; Waste Treatment Economics; ...2.1246

THE MECHANICS OF SEDIMENT REMOVAL FROM ALLUVIAL STREAMS ...Design Criteria; Fluid Mechanics; Flume Studies; Sedimentation; Water Control Works -general; ...2.1280

TRANSPORT AND FATE OF POLLUTANTS IN SOIL ...Fluid Mechanics; Porous Filters; Soil Filters; Waste Disposal-see Solid Waste; Water Reuse; ...2.1295

PROCESS CONTROL MODEL FOR OXYGEN REGENERATION OF POLLUTED RIVERS ...Aeration (water); Benefit-cost Analysis; Information Control Theory; Mathematical Analysis; Model Studies; Systems Analysis - Water Mgmt; ...2.1334

A STUDY OF THE KINETICS OF THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Differential Equations; Kinetics; Nitrobacter; Waste Water Treatment -general; ...2.1372

PROCESS MODELING OF BIOLOGICAL WASTE TREATMENT ...Biological Treatment-general; Sewage; Sewage - Domestic; Waste Water Treatment -general; ...2.1423

ENVIRONMENTAL STUDY OF PORT PHILLIP BAY ...Algae - nonspecific; Bays; Color (water); Environment; Organic Matter; Waste Treatment; Water Quality Control -general; ...2.1485

ENVIRONMENTAL STUDIES ON THE MISSISSIPPI RIVER ...Ecological Effects; Effluents - Waste Water; Energy Conversion; Mississippi River; Thermal Pollution; ...2.1612

THE PREDICTION AND OPTIMIZATION OF STREAM RESPONSES TO POLLUTANT WASTES ...Chemical Effects; ...2.1643

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

DEPENDENCE OF FISH ON TIDAL MARSHES ...Aquatic Ecology - Animal; Computer Models; Management (water); Model Studies; Tides; ...2.1695

MICRO-ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER ...Acid Mine Drainage; Acidity (water); Forecasting - Prediction; Induced Temperature; Lower Plants; Phytoplankton; Primary Productivity - Plants; Thermal Pollution; ...2.1772

FORMULATION OF A GENERAL MATHEMATICAL MODEL FOR THE PREDICTION OF THERMAL ENERGY CHANGES IN IMPOUNDMENTS ...Climatology; Development of Models; Hydraulics; Reservoirs and Impoundments; Water - Alternative Uses; ...2.1798

PERFORMANCE OF REGIONALLY RELATED TREATMENT PLANTS ...Effluent-standards; Process Design; Sewer Systems; Stochastic Processes; ...2.1821

LAKE MICHIGAN WATER QUALITY MODEL ...Chemical Water Properties; Management (water); Mineralogical Water Properties; Rain; Water Quality -general; ...2.1825

ECONOMIC EVALUATION OF THE EFFECT OF SELECTED CROP PRACTICES ON NON-AGRICULTURAL USES OF WATER ...Agricultural Studies -general; Costs -see Economics Entries; Optimization, Economic; Sediments; Water Costs; Water Quality -general; ...2.1828

A METHODOLOGY FOR PLANNING OPTIMAL REGIONAL WASTE MANAGEMENT SYSTEMS ...Management (water); Optimization, Economic; Systems Analysis - Water Mgmt; Waste Treatment Economics; Water Resources Planning; ...2.1841

MATHEMATICAL WATER QUALITY PLANNING MODELS ...Bays; Harbors; Massachusetts; Model Studies; Systems Analysis - Water Mgmt; Tides; Water Resources Planning; ...2.1850

DELAWARE ESTUARY AND BAY WATER QUALITY SAMPLING AND MATHEMATICAL MODELING PROJECT ...Bays; Delaware Bay; Estuaries; Water Quality -general; Water Standards & Baselines; 2.1873

ENGINEERING ANALYSIS OF WASTE TREATMENT ...Electrodialysis; Waste Treatment Economics; Waste Water Treatment -general; Water Reuse; ...2.1893

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Consumption; Development of Models; Floods; Land Use; Recreation; Water Resources; Statistical Models; Urban Research; ...2.1904

A STOCHASTIC MODEL FOR POLLUTION IN ESTUARIES ...Estuaries; Management (water); Stochastic Processes; Water Quality Control -general; ...2.1925

COMPUTER SIMULATION AND DESIGN OF TREATMENT INSTALLATIONS FOR DOMESTIC ...Process Design; Sewage - Domestic; Simulation Theory; Waste Treatment Economics; Water Quality Control -general; ...3.0088

OCEAN DISPOSAL OF INDUSTRIAL WASTES ...Acidity (water); Chemical Effects; Disposal Wastes; Industrial Wastes; Model Studies; ...3.0101

PERFORMANCE OF THE INCLINED-PLANE TRICKLING FILTER FOR AEROBIC DISPOSAL OF ANIMAL WASTE ...Animal Wastes - Feed Lots; Farm Animal Wastes; Filtration; Model Studies; Trickling Filters; ...3.0112

OXYGEN TRANSFER IN CONCENTRATED MICROBIAL SYSTEMS ...Chemical Oxygen Demand; Industrial Wastes; Waste Management -see Specific; Waste Water Degradation; ...3.0250

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon; Mathematical Analysis; Pesticide Degradation -see Deg. Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0081

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - II. MOVEMENT OF RADIONUCLIDE IONS IN SOILS ...Absorption (incl. Adsorption); Radioisotopes; Soil Chemical Properties; Strontium; ...5.0039

THE ANALYSIS OF NATURAL SYSTEMS ...Absorption (incl. Adsorption); Chlorine; Growth; Pesticide in Food Chains; Primary Productivity - Plants; ...5.0082

MODELS AND MECHANISMS OF THE EFFECTS OF LASER RADIATION ON BIOLOGICAL SYSTEMS ...Cell Injury and Autolysis; Laser Effects -bioeffects; Lasers and Masers; Minimum Or Threshold Dose; Radiation Effects - Biological; ...5.0845

Physical Models

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Contamination - Water; Fallout -see Radioactive; Model Studies; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Seismology; Strontium; ...1.0025

PLUME RISE AND FUMIGATION MODELLING IN A TANK ...Air Pollution; Diffusion; Tanks; ...1.0146

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers, Atrazine; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Pic ram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

UNSTEADY FLOW OF GROUNDWATER -DISPERSION AND SALT WATER INTRUSION IN NON-HOMOGENEOUS MEDIA ...Aquifers; Dispersion (water); Fluid Mechanics; Recharge (water); Recharge Pits - Wells (water); Saline Water Intrusion; Water Wells; ...2.0450

ECOLOGICAL MONITORING OF STREAM SYSTEMS ...Aquatic Ecology - Animal; Benthic Fauna; Channels; Water Pollutant Identification; Water Quality -general; ...2.0629

BAY WATCH ...Air Pollution Monitoring; Bays; Forecasting - Prediction; Marine Pollution; Water Quality Control -general; ...2.0772

ANALYTICAL PHYSICAL MODEL ...Bays; Biological Water Properties; Marine Pollution; Mathematical Analysis; Mathematical Models; Rhode Island; Thermodynamics; ...2.0777

MIXING PROCESSES IN ESTUARIES ...Dispersion (water); Estuaries; Flume Studies; Forecasting - Prediction; Heat Transmission; Stratification (water); Water Pollutants - Path of; ...2.0964

WATER QUALITY CONTROL BY SELECTIVE WITHDRAWAL AND REAERATION ...Aeration (water); Mathematical Models; Reservoirs and Impoundments; Seismology; Turbidity (water); Water Quality -general; ...2.0979

DISPERSION OF CONTAMINANTS IN JOINTED ROCK ...Dispersion (water); Flow Characteristics (water); Injection Wells; Mathematical Analysis; Seepage (water); Waste Disposal, Underground; Water Quality Control -general; ...2.1004

RESEARCH INITIATION - MIXING AND TRANSFER PROCESSES FOR HEATED EFFLUENTS IN OPEN CHANNEL FLOW ...Channels; Energy Conversion; Flow Characteristics (water); Flume Studies; Heat Flow (water); Thermal Pollution; ...2.1019

DISPERSION OF WATER POLLUTANTS IN CURVILINEAR FLOWS ...Channels; Dispersion (water); Streams; Urban Research -general; Water Pollutants - Path of; ...2.1021

DISPOSAL OF HEATED WATER THROUGH GROUND WATER SYSTEMS ...Economic Studies -general; Groundwater; Mathematical Models; Thermal Pollution; Water Wells; ...2.1024

THE DISPERSION OF CONTINUOUSLY INJECTED EFFLUENTS IN OPEN CHANNELS ...Dispersion (water); Effluents - Waste Water; Fluid Mechanics; Hydraulics; Mathematical Models; Mississippi; ...2.1079

LAKE ERIE DIKE ...Dams -general; Harbors; Iron and Steel Industry; Model Studies; Sediments; Waste Type; Waves -see Ocean Waves; ...2.1051

RESEARCH INITIATION - THERMAL DISCHARGES ...Energy Conversion; Lakes; Thermal Pollution; ...2.1077

COASTAL DIFFUSION OF POLLUTANTS ...Industrial Wastes; Ocean; Ocean Currents; Oregon; Pulp and Paper Wastes; Wind; ...2.1084

WATER MEASUREMENT AND APPLICATION DEVICES ...Irrigation; Irrigation Engineering; Model Studies; Sediments; Water Application Methods; Water Transfer; ...2.1113

FRESH-SALT WATER IN ESTUARIES SEDIMENTATION PROCESSES ...Estuaries; Marine Environments; Rate of Deposition; Suspension; Tides; Turbidity (water); Virginia; ...2.1123

INVESTIGATION OF RECOVERY OF LARGE MARINE OIL SPILLS BY USE OF A VORTEX ASSISTED AIR LIFT ...Fluid Mechanics; Hydraulics; Ocean Waves -see Waves; Oil; Oil Removal; Petroleum Wastes; Spillage; Ships and Cruisers; ...2.1444

DEFINITION OF THE MIXING ZONE FOR WASTE EFFLUENT DISCHARGED INTO SURFACE WATERS ...Aerial Photography -see Photo.; Dispersion (water); Effluents - Waste Water; Energy Conversion; Model Studies; Water Pollutants - Path of; ...2.1466

LAKE MICHIGAN THERMAL STUDIES ...Atomic Plants; Dispersion (water); Forecasting - Prediction; Water Temperature Recorders; ...2.1547

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water); Channels; Contamination - Water; Ecological Effects; Organic Matter; Plant Freshwater Ecology; Primary Productivity - Plants; Sewage Treatment Plant; Thermal Pollution; ...2.1658

CHLORINE CONTACT TANK DESIGN ...Chemical Analysis - general; Disinfection; Flume Studies; [illegible]; ...2.0130

DEVELOPMENT OF A DEVICE FOR DISCHARGE MEASUREMENT WITHIN A SEWER PIPE ...Fluid Mechanics; Model Studies; Pipe; Pipes; Urban Environment; Urban Research -general; ...3.0135

FARM WASTE DISPOSAL ...Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Farm Animal Wastes; Irrigation; Model Studies; Sewage Lagoons; Tennessee; ...3.0316

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Estuaries; Marine Animals; Pesticide Action on Animals; Pesticide Toxicity in Animals; Pollution Effects -see Water; Sevin; ...4.0025

Models of Biological Systems

RELATIONSHIPS BETWEEN CERTAIN AIR POLLUTANTS AND VARIOUS METEOROLOGICAL FACTORS ...Air Pollution; Air Pollution -see Specifics; Climates -general; Mathematical Models; New Jersey; Weather Forecasting; Wind; ...1.0371

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

AN IMPROVED TEMPERATURE PREDICTION MODEL FOR SMALL STREAMS ...Forecasting - Prediction; Model Studies; Oregon; Pulp and Paper Wastes; Temperature (water); Water Standards & Baselines; ...2.0740

EFFECTS OF RECENT AND PAST PHOSPHATE FERTILIZATION ON THE AMOUNTS OF PHOSPHORUS PERCOLATING THROUGH SOIL PROFILES INTO SUBSURFACE WATERS. ...Adsorption; Fertilizers; Mineralogy; Model Studies; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Organic Content; ...2.1616

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Oregon; Regional Economics; Water Demand; Welfare Economics; ...3.1900

SYSTEMS APPLICATIONS IN AGRICULTURE ...Agricultural Economics; Farm Animal Wastes; Forest Management; Marketing; Soil Water Plant Relationships; ...3.0185

ELECTRO-OSMOSIS ...Electrical Current -bioeffects; Farm Animal Wastes; Feces; Osmotic and Turgor Pressure; ...3.0186

FARM WASTE DISPOSAL ...Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Farm Animal Wastes; Irrigation; Model Studies; Physical Models; Sewage Lagoons; Tennessee; ...3.0316

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Computer Methods -general; Gossypium; Herbicides -nonspecific; Insecticides -nonspecific; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Drift; ...4.0002

DEGRADATION OF ORGANOPHOSPHORUS INSECTICIDES IN SOIL ...Malathion; Metabolites From Pesticides; Microorganisms - nonspecific; Pesticide Persistance in Soils; Soil Microbiology; ...4.0195

SYSTEMS APPROACH TO CONTROLLING PESTICIDE CONTAMINATION OF SAN JOAQUIN VALLEY ...Degradation; Environment Accumulation Rates; Pesticide in Food Chains; Pesticide Toxicity -general; Pesticides -nonspecific; Preventative Measures; ...4.1000

FISSION PRODUCT CYCLES IN AN AGRICULTURAL SYSTEM - VALIDATION OF MODEL ...Lycopersicum; Radioactive Contamination; Soil Chemical Properties; Strontium; Vegetables; ...5.0154

Mathematical Models

AIR STERILIZATION ...Aerosols - Smokes, Fogs, Steam; Air Purification; Food Contamination; General Sanitation Methods; Microorganism-see Cell Catab.; Salmonella -nonspecific & -ot.; Sterilization; ...1.0066

TRAVELS OF AIRBORNE POLLEN ...Air Pollution; Air Pollution -see Specifics; Atmospheric Dynamics; Engineering Sources-other; Pollen -see Pollen; Range Or Territorial Distr.; Urban Environment; ...1.0079

ECONOMIC EVALUATION OF ALTERNATIVE POLICIES FOR AIR RESOURCE MANAGEMENT ...Air Pollution -see Specifics; Costs -see Economics Entries; Government -see Federal Gov.; Urban Research -general; ...1.0443

SEDIMENT YELD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds, Dissolved Load; Forecasting - Prediction; Land Use; Physiography -general; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

DEVELOPMENT OF A MATHEMATICAL MODEL TO PREDICT THE ROLE OF SURFACE RUNOFF AND GROUND WATER FLOW IN OVERFERTILIZATION OF SURFACE WATERS ...Agricultural Runoff; Eutrophication; Groundwater, Minnesota; Phosphorus and Phosphorus Cpds; Water Balance - Budget; ...2.0208

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Erosion; Forecasting - Prediction; Leaching; Model Studies; Nitrogen and Nitrogen Cpds.; Rain; Soil Moisture; Temperature - Air; ...2.0250

REACTOR COOLING WATER FOR AGRO-INDUSTRIAL DEVELOPMENT THROUGH SOIL WARMING ...Agricultural Studies general; Atomic Plants; Soil Moisture; Temperature Regulation; ...2.0319

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control Flood Routing; Forecasting - Prediction; Land Use; Rain Amount; Sediment Yield; Texas; ...2.0388

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Computer Models; Drainage; Fertilizers; Impaired Water Use; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Moisture; Soil Water Plant Relationships; ...2.0513

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Bacterial Ecology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Nutrients; Rehabilitation -streams -lakes; Sewage; Water Pollution -see specifics; ...2.0552

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

WATER POLLUTION ...Estuaries; Stochastic Models; Stochastic Processes; Water Quality -general; ...2.0831

LIVESTOCK FARMSTEAD WATER SYSTEMS ...Chemical Treatment (water); Farm Structures & Design; Flow Characteristics (water); Pumps; Water Distribution Systems; Water Utilization - general; ...2.0901

FLOW IN PCROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers, Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

TEMPERATURE DISTRIBUTION IN THE VICINITY OF WASTE HEAT DISCHARGES ...Electric Power Plants; Energy Conversion; Forecasting - Prediction; High Temp. - 85f Or Above; Stratification (water); Thermal Pollution; ...2.1096

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources; Chemical Water Properties; Forecasting - Prediction; Planning; Rain; Runoff (water); Soil Types -also See Specifics; Water Quality Control -general; ...2.1711

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

PERFORMANCE OF THE INCLINED-PLANE TRICKLING FILTER FOR AEROBIC DISPOSAL OF ANIMAL WASTE ...Animal Wastes - Feed Lots; Farm Animal Wastes; Filtration; Model Studies; Trickling Filters; ...3.0112

OPTIMIZATION TECHNIQUES FOR AGRICULTURAL PROBLEMS ...Computer Languages Farm Animal Wastes; Optimization Technique; Simulation Theory; Systems Analysis; ...3.0146

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Bos; Irrigation; Rainfall - Runoff Relationship; Soil Fertility; Water Wells; ...3.0148

ENGINEERING SYNTHESIS OF EFFICIENT, ECONOMICAL DAIRY PRODUCTION SYSTEMS ...Bos; Costs -see Economics Entries; Farm Animal Wastes; Farm Structures & Design; Literature Search; ...3.0268

THERMOPHILIC AEROBIC PROCESS FOR WASTE TREATMENT ...Activated; Aerobic Waste Water Treatment; Process Design; Thermophilic Bacteria; Waste Water Treatment -general; ...3.0308

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides - other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon; Mathematical Analysis; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0081

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Oregon; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Organic Content; Soil Profile; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants, Chemical Properties; Eastern U. S.; Gramineae; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; Water Cycle; ...5.0032

BIOLOGICAL RESPONSE TO SMALL, DISCRETE, HIGHLY RADIOACTIVE PARTICLES ...Environmental Effects - Human; Injury and Shock; Muridae; Radiation; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0052

PREDICTION OF TOTAL CONSUMPTION OF FALLOUT RADIONUCLIDES BY HUMANS FROM MILK (ABBREV) ...Cesium; Food Contamination; Iodine; Nuclear Warfare; Radiologic Health; Radiologic Warfare; Strontium; ...5.0055

THE ANALYSIS OF NATURAL SYSTEMS ...Absorption (incl. Adsorption); Chlorine; Growth; Pesticide in Food Chains; Primary Productivity - Plants; ...5.0082

EFFECT OF IRRADIATION ON MEMBRANE AND TRANSPORT CHARACTERISTICS OF ISOLATED FROG SKIN ...Active Transport; Electrical Current -bioeffects; Permeability; Radiation; Radiation Dose Studies-general; X and Gamma Rays; ...5.0095

PROTRACTED RADIATION EFFECTS ...Healing; Injury animal; Injury and Shock; Mammals -nonspecific; Radiation Effects - Biological; X and Gamma Rays; ...5.0165

THE ROLE OF STRUCTURE AND ENERGY (OR IONIZATION) TRANSFER IN RADIATION CHEMISTRY AND BIOLOGY ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Plants, Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0224

EFFECTS OF THERMAL RADIATION ON PERSONNEL IN NUCLEAR WARFARE ...Burns; Military Personnel; Nuclear Warfare; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; Toxic Substances; ...5.0373

TISSUE REACTION TO DISCRETE, HIGH SPECIFIC-ACTIVITY PARTICULATES, WITH EMPHASIS ON TUMOR FORMATION IN THE LUNG ...Cricetus; Epidemiology; Muridae; Radiation Carcinogenesis; Radiologic Health; ...5.0460

MODELS AND MECHANISMS OF THE EFFECTS OF LASER RADIATION ON BIOLOGICAL SYSTEMS ...Cell Injury and Autolysis; Laser Effects -bioeffects; Lasers and Masers; Minimum Or Threshold Dose; Radiation Effects - Biological; ...5.0845

FALLOUT CESIUM-137 IN A NORMAL POPULATION ...Body Isotope Burden; Cesium; Gamma Spectroscopy; Radiologic Health; Whole Body; ...5.0866

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Commelinaceae; Dosimetry; Ionizing Radiation - see Rad.; Muridae; Plasmas; Radiation; Radiation Sources - general; X and Gamma Rays; ...5.0870

RESPIRATORY TRACT DOSE MODEL FOR URANIUM MINERS ...Alpha Particles; Models (physical) of Animal&man; Radon; Respiratory Irritants, Inhaled; ...5.0904

OPERATIONAL SAFETY CRITERIA FOR LONG TIME EXPOSURE TO LASER RADIATION ...Laser Effects -bioeffects; Lasers and Masers; Military Personnel; ...5.0946

STUDY OF THERMAL EFFECTS DUE TO PROPAGATION OF SOUND WAVES IN TISSUES ...Acoustics; Heat Transfer; Mammals -nonspecific; Temperature - Human Body; Ultrasonic -bioeffects; ...6.0119

Metabolism and Biochemistry

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Mathematical Models; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0433

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution - see Specifics; Computer Methods -general; Energy Budgets; Plant Competition; Plant Physiological Ecology; Plant Response to Env. -ns; Temperature - Internal; Water Utilization -plant; ...2.1629

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects - see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

BIOLOGICAL CONTROL PROCESSES AND RADIATION ...Bacteriophage; Cellular Biosynthesis; Escherichia Coli; Radiation; ...5.0142

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Mechanism Determination; Photolysis; Pulse Radiolysis; Radiation Chemistry - biophys.; Radiation Sensitivity -man; Radiolysis; ...5.0223

MECHANISMS AND MODELS OF SKELETAL METABOLISM--THEORETICAL ...Canidae; Radiation Effects - Biological; Radioisotopes -nonspecific; Radiologic Health; Radium; ...5.0283

KINETIC MODELS OF PHOTOREACTIVATION IN BACTERIA ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Poisson Distributions; Radiation -see Specifics; ...5.0295

BIOCHEMICAL STUDIES IN THE OCULAR LENS IN RELATION TO CATARACTOGENESIS ...Mammals -nonspecific; X and Gamma Rays; ...5.0411

FALLOUT CESIUM-137 IN A NORMAL POPULATION ...Cesium; Food Contamination; Gamma Spectroscopy; Monitoring Devices; Potassium; Radiologic Health; Whole Body; ...5.0462

RESPONSE OF LIVING CELLS TO HIGH INTENSITY PULSED ELECTRONS AND EXAMINATION OF OXYGEN DIFFUSION KINETICS IN CELLS ...Anoxia and Hypoxia; Cancer; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0491

THEORETICAL INVESTIGATION OF ELECTRON LET SPECTRA AND DOSE RELATIONSHIP FOR IONIZING RADIATIONS ...Beta Particles; Dosimetry; Permeability; Radiation Chemistry -biophys.; Spectrographic Techniques; ...5.0492

THE LONG-TERM TURNOVER OF RADIONUCLIDES IN MAN ...Cesium; Computer Methods -general; Metabolism & Metab. Diseases; Radiation Effects - Man; Radiologic Health; Strontium; Zinc; ...5.0521

EXPERIMENTAL RADIATION CARCINOGENESIS ...Muridae; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; Radiation Sensitivity -man; ...5.0529

CORRELATION OF RADIORESISTANCE WITH HEMOPOIETIC PARAMETERS IN MICE ...Muridae; Radiation Effects - Biological; Radiation Sensitivity -man; X and Gamma Rays; ...5.0530

239-PU RETENTION IN THE CHINCHILLA ...Body Isotope Burden; Canidae; Digestive System - Human; Plutonium; Radiation Injury Prevention; Rodentia -other; ...5.0720

IN-VIVO MEASUREMENT OF RADIONUCLIDES IN MAN ...Calcium; Potassium; Radiologic Health; X and Gamma Rays; ...5.0894

INHALATION STUDIES - KINETICS AND DOSIMETRY STUDIES ...Aerosols; Americum; Curium; Muridae; Promethium; ...5.0959

Physical Models

WATER MEASUREMENT AND APPLICATION DEVICES ...Irrigation; Irrigation Engineering; Model Studies; Sediments; Water Application Methods; Water Transfer; ...2.1113

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Animal Wastes - Feed Lots; Chemical Analysis (water); Escherichia Coli; Farm Animal Wastes; Lysimeters; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...2.1288

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Soil Chemical Properties; Soil pH; ...4.0141

REMOVAL, IN MARKET CHANNELS, OF INSECTICIDE RESIDUES FROM MILK AND MILK PRODUCTS ...Bacillus Cereus; Chemical Analysis; Food Contamination; Microorganism-see Cell. Catab.; Streptococcus Lactis; ...4.0626

THE EFFECT OF PROCESSING ON THE PESTICIDE CONTENT OF DAIRY PRODUCTS ...Chlordan; Food Contamination; Lactobacillus Sp; Staphylococcus Aureus; Thiodan; ...4.0910

Population - Growth

MODIFICATION OF RADIATION RESPONSE IN VITRO ...Anoxia and Hypoxia; Cellular Repair Mechanisms; Cricetus; Mammals -nonspecific; Passive Transport, Diffusion; Radiation; Toxic Substances; ...5.0169

AREA PROGRAM IN POPULATION GENETICS ...Atomic Bomb; Brazil; Computer Methods -general; Demography; Japan; Venezuela; ...5.0403

MATHEMATICAL BIOLOGY OF NEOPLASTIC GROWTH ...Cancer; Radiation Sensitivity -man; Radiation, Lethal Dose; Tumor Pathology; ...5.0417

RADIATION EFFECTS ON CELL AND POPULATIONS DYNAMICS OF U-12 FIBROBLASTS ...Cell Injury and Autolysis; Cellular Catabolism-see Degrad; Computer Methods -general; Radiation; Radiation, Low Level; X and Gamma Rays; ...5.0560

Moisture Budgets

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

Mollusca

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources; Estuaries; Fish; Marine Animals; Marine Environments; Organics; Radioactivity; Trace Elements; Zinc; ...2.0028

RADIONUCLIDE METABOLISM IN AQUATIC ANIMALS ...Animal Habitat Studies; Clams; Crayfish; Invertebrate Physiology; Marine Animals; Radiation Effects - Biological; Radioisotopes -nonspecific; Temperature (water); ...2.0036

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects - see Water; Water Pollution Sources; Zinc; ...2.0280

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases, Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - EFFECTS ON INDICATOR ORGANISMS ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Bottom Sampling; Effluents - Waste Water; Water Pollutant Identification; ...2.0597

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

ANALYSIS OF MERCURY CONTENT OF SHELLFISH OFF THE MASSACHUSETTS SEACOAST ...Atomic Absorption; Contamination - Water; Crustacea; Invertebrate Physiology; Mercury; ...2.0616

SHELLFISH TECHNICAL ASSISTANCE ...Captive Rearing; Commercial Fishing; Contamination - Water; Crustacea; Legislation; Marine Animals; ...2.0618

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Missouri; Physical Water Properties; Taxonomy -animal; Water Quality -general; ...2.0659

MERCURY CONCENTRATIONS IN THE AQUATIC LIFE FORMS AND THE WATERS OF THE UPPER CLARK FORK RIVER ...Crustacea; Fish; Mercury; Montana; Pollution Effects - see Water; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0663

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Habitat Studies; Boat Discharges; Forecasting - Prediction; Mathematical Models; New York; Swamps - Marshes; Water Bacteria; Waterfowl -nonspecific; ...2.0693

STUDY OF GROWING AREA STANDARD BY EXAMINING ENTEROPATHOGENS AND INDICATOR LEVELS ..Bacterial Population Surveys, Digestive System - Human, Food Contamination, Salmonella -nonspecific & -ot.; Sewage Bacteria, Water Pollutant Identification, 2.0785

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN WATERS AND SHELLFISH ..Digestive System - Human, Massachusetts, Viral Pollutant Sources, Water Pollutant Identification, Wisconsin 2.0786

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ..Algae -nonspecific, Boating, Fish, Fishing, Recreation, Water Resources, Sewage Lagoons, Waste Water Treatment -general, 2.1159

ECOLOGY OF COLORADO MOLLUSKS ..Chemical Measurements (water), Colorado, Contamination - Water, Environmental Ecology, Invertebrate Physiology, Range Or Territorial Distr., 2.1504

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ..Acidity (water), Captive Rearing, Contamination - Water, Environmental Influences, Fish Food Organisms, Pesticide Toxicity to Microorg, Pollution Effects -see Water, Temperature (water), Water Pollution Sources, 2.1517

THE BIOLOGY OF THE INFAUNA OF A TROPICAL SOFT BOTTOM AREA ..Annelida, Bays, Echinodermata, Estuaries, Marine Environments, Tropical Regions, 2.1530

THE BIOLOGY OF TROPICAL BOTTOM INVERTEBRATES ..Cirripedia, Echinodermata, Environmental Ecology, Marine Pollution, Tropical Regions, 2.1531

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ..Animal Productivity, Benthic Fauna, Diatoms (see Also Algae), Energy Budgets, Fish, Marine Plants, New England Province, Oxygen Content (water), Sewage, 2.1586

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ..Annelida, Benthic Fauna, Contamination - Water, Environmental Ecology, Gastropoda, Physical Water Properties, Taxonomy animal, Water Pollution Sources, 2.1623

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ..Animal Behavioral Ecology, Aquatic Ecology - Animal, Bays, Ecological Effects, Energy Conversion, Invertebrate Physiology, Long Island Sound, Population Dynamics -general, Temperature (water), Zooplankton, 2.1638

EFFECTS OF SEWAGE SLUDGE ON FINFISH AND BENTHIC AND PLANKTONIC COMMUNITIES ..Atlantic Ocean Benthic Organisms -nonspecific, Ecological Effects, New Jersey, Sewage, 2.1639

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER ..Aquatic Captive Rearing, Energy Conversion, Fish Farming, Marine Animals, New York, Temperature (water), Water Utilization - animal, 2.1653

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ..Algae -nonspecific, Alkalinity (water), Amphibious Plants, Atomic Plants, Crustacea, Effluents - Waste Water, Environmental Ecology, Fish, Induced Temperature, Mineralogical Water Properties, Ponds, Temperature (water), 2.1661

DISTRIBUTION AND ECOLOGY OF RIVER MOLLUSKS IN CENTRAL AND WESTERN NORTH DAKOTA ..Animal Distribution, Atlantic Ocean, Chlorine, Paleontology, Pollution Effects -see Water, Water Pollution Effects, 2.1667

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ..Animal Interrelationships -gen, Copepoda, Environmental Ecology, Fish, Marine Animals, Population Dynamics -general, Salinity (water), Thermal Properties, 2.1693

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ..Aquatic Ecology - Animal, Economic Impact, Estuaries, Forecasting - Prediction, Mathematical Analysis, Plankton Sampling, River Basins, Spawn Or Nesting Sites, Systems Analysis - Water Mgmt, Vertical Distribution, Water Properties -general, Water Transfer, 2.1870

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ..Administrative Organizations, Estuaries, General Recreation Studies, Long Island Sound, Sediments, Systems Analysis - Water Mgmt, Water Pollution Effects, Water Resources Planning, 2.1880

INSTITUTIONAL SEA GRANT SUPPORT ..Acipenseridae, Dredging, Estuaries, Legal Review, Marine Animals, North Carolina, Serranidae, Water Resources Development, 2.1886

PESTICIDE MONITORING PROGRAM LAKE MICHIGAN ..Algae -nonspecific, Environment Accumulation Rates, Fish, Lakes, Pesticide in Food Chains, Pesticides -see Pesticide, Water Pollutants - Path of, 4.0028

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ..Analysis and Detection, Birds, Contamination - Water, Gas Chromatography, Industrial Wastes, Lakes, Pathology, Pesticide Aquatic Cycling, Waste Management -see Specific, Watersheds, 4.0042

BEHAVIOR OF ESTUARINE ANIMALS ..Animal Behavioral Ecology, Behavior -vertebrate, Chemical Water Properties, Environment Resistance-animals, Estuaries, Fish, Marine Animals, Pesticide Toxicity to Animals, Pesticides -see Pesticide, Pollution Effects -see Water, 4.0594

THE UPTAKE OF INSECTICIDES BY FRESHWATER MUSSELS AND THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF INSECTICIDES ON THESE MUSSELS ..Contamination - Water, Fresh Water, Insecticides -nonspecific, Invertebrate Physiology, Pesticide Action on Animals, Pesticide Formulation, 4.0676

THE UPTAKE OF DIELDRIN IN THE THREE RIDGED NAIAD, AMBLEMA PLICATA ..Aquatic Ecology - Animal, Dieldrin, Ohio River, Pollution Effects -see Water, Water Pollutant Identification, 4.0808

Cephalopoda

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN ..Chp, Fish, Marine Pollution, Pacific Ocean, Polychlorinated Biphenyl Cpds., Water Standards & Baselines, 2.1191

Clams

RADIONUCLIDE METABOLISM IN AQUATIC ANIMALS ..Animal Habitat Studies, Crayfish, Invertebrate Physiology, Marine Animals, Radiation Effects - Biological, Radioisotopes - nonspecific, Temperature (water), 2.0036

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ..Animal Behavioral Ecology, Animal Productivity, Atomic Plants, Commercial Fishing, Cooperative Studies, Ecological Effects, Energy Conversion, Fish Food Supply -other, Iodine, Iron, Marine Biology - General, Ostreidae (oyster), Pollution Effects - see Water, Water Pollution Sources, Zinc, 2.0280

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ..Absorption (incl. Adsorption), Algal Physiology, Animal Productivity, Atomic Plants, Bioindicators, Contamination - Water, Effluents - Waste Water, Fish, Lower Plants, Reactor Sites & Rad Waste, Water Pollutant Identification, 2.0358

ENTEROVIRUSES IN DEPURATED HARD CLAMS, MERCENARIA MERCENARIA ..Antibiotics -nonspecific, Bacteria - nonspecific, Bacterial Population Surveys, Contamination - Water, Long Island Sound, Shellfish Depuration, Viruses - Animal, 2.0696

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ..Algae -nonspecific, Aquatic Plants -nonspecific, Chromium, Contamination - Water, Crabs, Environmental Ecology, Fish, Gramineae, Iron, Marine Plants, Pollution Effects -see Water, Radioactivity, Zinc, 2.0705

DEVELOPMENT OF AN IN SITU MARINE BIOASSAY WITH CLAMS ..Bioassays, Captive Rearing, Contamination - Water, Invertebrate Physiology, Monitoring, 2.0839

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ..Bacterial Pollutant Sources, Bacteriophage, Effluent-standards, Estuaries, Ostreidae (oyster), Pseudomonas, Sewage Treatment Plant, Streptococcus Fecalis, Viral Pollutant Sources, Water Pollutant Identification, Water Quality -general, 2.1331

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ..Animal Distribution, Captive Rearing, Contamination - Water, Environmental Ecology, Fish Farming, Invertebrate Physiology, Optical Properties of Water, Pesticides -nonspecific, Spawn Or Nesting Sites, Temperature (water), 2.1516

INVESTIGATION OF THE EFFECTS OF COMMERCIAL HYDRAULIC CLAM DREDGING ON VARIOUS BOTTOM HABITATS OF SELECTED ESTUARINE AREAS ..Animal Habitat Studies, Benthic Organisms -nonspecific, Environmental Ecology, Mans Pollutional Activities, Sediments, 2.1533

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ..Animal Interrelationships -gen, Environment Resistance-animals, Hippolyte, Marine Animals, Marine Pollution, Temperature (water), 2.1694

HEALTH EFFECTS OF TOXIC CHEMICALS WITHIN THE WATER ENVIRONMENT ..Animal Toxins, Eastern U. S., Lead, Marine Environments, Pollution Effects -see Water, 2.1697

HISTOPATHOLOGIC EFFECTS OF POLLUTANTS ON CELLS AND TISSUES OF MARINE INVERTEBRATES ..Crabs, Hippolyte, Lobsters, Marine Animals, Ostreidae (oyster), Physiological Effects, Zinc, ..2.1705

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ..Animal Productivity, Contamination - Water, Electric Power Plants, Environment Resistance-animals, Fish and Shellfish, Heat Recovery, Industrial, Ostreidae (oyster), Temperature (water), ..2.1762

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ..Acrolein, Algae - Chlorophyta, Canals, Copper Sulfate, Diquat, Farm Pond, Igran, Molluscicides -nonspecific, Pesticide Action on Plants, Pesticide Aquatic Cycling, Pesticide Residues, Plant Phenology, Southwest U. S., Tenoran, ..4.0013

PRESTICIDE INPUTS AND LEVELS IN MINNESOTA WATERS OF THE LAKE SUPERIOR BASIN ..Aquatic Ecology - Animal, Contamination - Water, Lake Superior, Pesticides -see Pesticide, Water Pollutants - Path of, ..4.0043

EFFECTS OF DISSOLVED OXYGEN, TEMPERATURE AND POTENTIAL TOXICANTS UPON MACROINVERTEBRATES (NON-ARTHROPODS) ..Animal Productivity, Aquatic Ecology - Animal, Gastropoda, Invertebrate Physiology, Temperature (water), ..4.0680

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ..Animal, Bioassay, Contamination - Water, Dursban, Environmental Geology, Fish, Laboratory Animals, Marine Biology - General, Percidae, Pesticide Formulation, Pesticide Toxicity on Animals, Physiological Effects, Salinity (water), Water Pollutants - Path of, ..4.0926

PESTICIDE MONITORING PROGRAM ..Aldrin, BHC, Chemical Analysis, Cooperative Systems, Dieldrin, Estuaries, Gas Chromatography, Heptachlor, Lindane, Methoxychlor, Ostreidae (oyster), Pesticide Evaluation, Pesticides -see Pesticide, Water Pollutant Identification, ..4.1014

Gastropoda

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ..Agricultural Runoff, Chemical Analysis, Depth (water), Fish, Irrigation, Organophosphorous Cpds., Pesticide in Food Chains, Pesticide Residues, Plankton, Soil Chemical Properties, ..2.0413

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ..Annelida, Benthic Fauna, Contamination - Water, Environmental Ecology, Missouri, Physical Water Properties, Taxonomy -animal, Water Quality -general, ..2.0659

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ..Algae -nonspecific, Aquatic Plants -nonspecific, Chromium, Contamination - Water, Crabs, Environmental Ecology, Fish, Gramineae, Iron, Marine Plants, Pollution Effects -see Water, Radioactivity, Zinc, ..2.0705

COHERENT AREA RESEARCH PROGRAM IN ECOLOGY ..Animal Behavioral Ecology, Animal Succession, Eutrophication, Invertebrate Physiology, Poecilid, ..2.1518

EFFECT OF WATER TEMPERATURE AND/OR DISSOLVED OXYGEN REQUIREMENTS ON SELECTED MOLLUSKS ..Aquatic Ecology - Animal, Environment Resistance-animals, Invertebrate Physiology, Temperature (water), Thermal Pollution, ..2.1589

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ..Acidity (water), Aquatic Plants -nonspecific, Copper Sulfate, D, 2,4-, Endothall, Fertilizers -aquatic, Lakes, Pesticide Evaluation, Pesticide Interaction With Env, Pesticides -see Pesticide, Pollution Effects -see Water, Sodium Arsenite, ..2.1594

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ..Annelida, Benthic Fauna, Contamination - Water, Environmental Ecology, Mollusca, Physical Water Properties, Taxonomy - animal, Water Pollution Sources, ..2.1623

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ..Acidity (water), Alkalinity (water), Color (water), Contamination - Water, Fish, Lead, Mineralogical Water Properties, Pollution Effects -see Water, Water Bacteria, Water Pollution Sources, Zinc, ..2.1628

EFFECT OF MUNICIPAL SEWAGE PLANT EFFLUENT UPON AQUATIC SNAIL POPULATIONS ..Aquatic Ecology - Animal, Chlorine, Ecological Effects, Lake Champlain, Mercury, Pollution Effects -see Water, Sewage, ..3.0053

PEST CONTROL OF AVOCADO ..Arachnida, Chlorphenamidine, Domestic Animals, Furadan, Insects - Beneficial, Liquids Or Sprays, Pesticide Action on Animals, Pesticide Phytotoxicity, Pesticides Compatibility, Pyrethrum, ..4.0233

EFFECTS OF DISSOLVED OXYGEN, TEMPERATURE AND POTENTIAL TOXICANTS UPON MACROINVERTEBRATES (NON-ARTHROPODS) ..Animal Productivity, Aquatic Ecology - Animal, Clams, Invertebrate Physiology, Temperature (water), ..4.0680

CORRELATION OF STRUCTURE VS. ACTIVITY OF POLLUTANTS OF FRESH WATER ..Analysis and Detection, Carbamates -see Pesticides, Fresh Water, Invertebrate Physiology, Pesticide Action on Animals, Water Pollutant Identification, ..4.0839

A STUDY OF THE PESTICIDE RESIDUES AND OF PARASITES IN BIG GAME MAMMALS OF SOUTH DAKOTA ..Animal Pharmacology, Anthelminth, Ovis, Pesticide Evaluation, Pesticides -nonspecific, ..4.0846

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ..Animal Life History Studies, Benthic Organisms - nonspecific, Biological Effects, Centrarchidae, Diquat, Fish, Hydrocharitaceae, Paraquat, Pesticide Evaluation, Pesticides -see Pesticide, Southeast U. S., Temperature (water), ..4.0940

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ..Algae -nonspecific, Annelida, Cesium, Environmental Ecology, Invertebrate Physiology, Plant Ecology -nonspecific, Plant Freshwater Ecology, Productivity of Freshwater, Radioactive Pollutants, Ruthenium, ..5.0069

RESPONSES OF ANIMALS TO IONIZING RADIATION ..Amphibians, Fish, Invertebrates, Radiation Effects - Man, X and Gamma Rays, ..5.0640

Ostreidae (oyster)

VIRAL CONTAMINATION ..Estuaries, Marine Animals, Pollution Effects -see Water, Viral Pollutant Sources, ..2.0104

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ..Animal Behavioral Ecology, Animal Productivity, Atomic Plants, Commercial Fishing, Cooperative Studies, Ecological Effects, Energy Conversion, Fish Food Supply -other, Iodine, Iron, Marine Biology - General, Pollution Effects -see Water, Water Pollution Sources, Zinc, ..2.0280

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ..Analysis and Detection, Bioindicators, Chlorine, Contamination - Water, Mercury, Organic Matter, Pesticides -nonspecific, Population Dynamics -general, Water Pollutant Identification, Zinc, ..2.0466

COMMERCIAL OYSTER FISHERY DEVELOPMENT INVESTIGATION ..Agricultural Economics, Captive Rearing, Coliforms -nonspecific, Commercial Fishing, Consumption, Contamination - Water, Shellfish Depuration, ..2.0561

THE IMPACT OF MICROORGANISMS ON OIL ..Bacterial Ecology, Biological Effects, Degradation -see Pesticide Deg, Food Contamination, Louisiana, Petroleum Wastes - Spillage, Water Pollutant Identification, ..2.0603

A STUDY OF THE DEPURATION PROCESS IN OYSTERS TAKEN FROM POLLUTED WATERS AND REBEDDED IN UNPOLLUTED WATERS ..Bacterial Pollutant Sources, Bioindicators, Mississippi, Shellfish Depuration, Water Pollutant Identification, ..2.0651

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ..Aquatic Distribution, Bacterial Pollutant Sources, Contamination - Water, Escherichia Sp, Gulf of Mexico, Mississippi, Pollution Effects -see Water, ..2.0652

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ..Algae -nonspecific, Aquatic Plants -nonspecific, Chromium, Contamination - Water, Crabs, Environmental Ecology, Fish, Gramineae, Iron, Marine Plants, Pollution Effects -see Water, Radioactivity, Zinc, ..2.0705

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ..Bacterial Pollutant Sources, Bacteriophage, Clams, Effluent-standards, Estuaries, Pseudomonas, Sewage Treatment Plant, Streptococcus Fecalis, Viral Pollutant Sources, Water Pollutant Identification, Water Quality -general, ..2.1331

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ..Animal Distribution, Captive Rearing, Clams, Contamination - Water, Environmental Ecology, Fish Farming, Invertebrate Physiology, Optical Properties of Water, Pesticides -nonspecific, Spawn Or Nesting Sites, Temperature (water), ..2.1516

ENVIRONMENTAL CONTROL SYSTEM FOR OYSTER FARMING ..Chemical Measurements (water), Circulation (water), Delaware, Nutrient Studies -animal, Salinity (water), Spawning & Nesting Sites, Temperature (water), ..2.1521

BIOGEOCHEMISTRY OF ESTUARINE ECOSYSTEM WITH EMPHASIS ON HEAVY METALS AND SHELLFISH ..Chemi-

cal Analysis (water), Contamination - Water, Geochemical Analysis (water), Organic Matter, Physiological Effects, 2.1578

HISTOPATHOLOGIC EFFECTS OF POLLUTANTS ON CELLS AND TISSUES OF MARINE INVERTEBRATES Clams, Crabs, Hippolyte, Lobsters, Marine Animals, Physiological Effects, Zinc, 2.1760

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS Animal Productivity, Bioassays, Brines, Commercial Fishing, Desalination, Effluents - Waste Water, Hippolyte, Marine Animals, Marine Pollution, Pollution Effects -see Water, Salinity (water), 2.1733

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT Animal Productivity, Clams, Contamination - Water, Electric Power Plants, Environment Resistance animals, Fish and Shellfish, Heat Recovery, Industrial, Temperature (water), 2.1762

LABORATORY BIOASSAYS Bioassay, Fish, Hippolyte, Marine Animals, Marine Pollution, Pesticides -nonspecific, 4.0995

PESTICIDE MONITORING PROGRAM Aldrin, BHC, Chemical Analysis, Cooperative Studies, Dieldrin, Estuaries, Gas Chromatography, Heptachlor, Lindane, Methoxychlor, Pesticide Evaluation, Pesticides -see Pesticide, Water Pollutant Identification, 4.1014

COLUMBIA RIVER STUDIES, 1970-1971 Atomic Plants, Columbia River, Energy Conversion, Ionizing Radiation -see Rad., Pollution Effects -see Water, Temperature (water), Water Pollution Sources, Zinc, 5.0762

Monitoring

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH Aerosols, Air Pollution Monitoring, Air Pollution-chemistry, Atmospheric Dynamics, Coal Research, Fuels, Industrial Wastes, Lead, Scrubbers, Waste Water -general, Water Standards & Baselines, 1.0018

AIR POLLUTION PROBLEMS IN THE NORTHEAST Air Pollution -see Specifics, Bioindicators, BP, Liquids Or Sprays, Mineral Nutrition, Nicotiana, Pesticide Evaluation, Pesticides -other, Pollutant Resistance, Zea Mays - Field Corn, 1.0338

CLIMATIC CHANGES THROUGH URBANIZATION Air Pollution Monitoring, Environmental Changes, Maryland, Micrometeorology, Noise -see Noise, Precipitation Modification, Temperature, Urban Environment, Urban Research, Urban Runoff, Water Pollution Effects, 1.0354

GLACIER NATIONAL PARK ABATEMENT STUDY - ASSESSMENT OF VEGETATION EFFECTS Air Pollution -see Specifics, Air Pollution-chemistry, Fluorine, Lung Damages - Recreation, Parks, 1.0389

MT STORM - W VIRGINIA - GARRETT COUNTY - MARYLAND ABATEMENT ACTION - FIELD INVESTIGATION Air Pollution-chemistry, Chemical Analysis -general, Dust, Fluorine, Industrial Pollution -general, Leaf Analysis, Nitrogen and Nitrogen Cpds., 1.0399

AIR POLLUTION PROBLEMS IN THE NORTHEAST Air Pollution -see Specifics, Chlorine, Industrial Pollution -general, Lycopersicum, Nicotiana, Northeast U.S., 1.0418

DYNAMIC PROCESSES Aerosols, Chemical Composition, Geophysical Analysis, Meetings, Turbulence, 1.0479

STUDIES PREPARATORY TO GLOBAL ENVIRONMENTAL MONITORING Air Pollution Monitoring, Environmental Geology, Meetings, Water Pollution Abatement, Water Quality -general, 1.0717

TECHNICAL SUPPORT TO FEDERAL FACILITIES - SOURCE SAMPLE ANALYSIS - AIR MONITORING - AND VEGETATION EFFECTS Air Pollution -see Specifics, Air Pollution Monitoring, Air Pollution Sampling, Air Pollution-chemistry, Chemical Analysis -general, 1.0776

AIR POLLUTION FROM MINING, PROCESSING, AND UTILIZATION OF MINERALS AND FUELS Air Pollution Monitoring, Combustion Air Pollution-gen, Mineral Processing Industry, Nitrogen and Nitrogen Cpds., Remote Sensing, 1.0842

NAVY ENVIRONMENT - TRACE ELEMENT DISTRIBUTION IN THE OCEANS & SEA FLOOR SEDIMENTS, THE CONTROLLING BIOCHEMICAL AND PHYSICAL PROCESSES Forecasting - Prediction, Marine Biology - General, Marine Geology, Marine Pollution, Sea Water Chemistry, Sea Water Properties, Trace Elements, 2.0186

ACID MINE POLLUTION Acid Mine Drainage, Biological Water Properties, Catostomidae, Mining Industry, Physical Water Properties, Rehabilitation -streams -lakes, Sediments, Strip Mines, Water Pollution Abatement, 2.0409

STANDARD MONITORING SECTIONS A-6 AND A-7 CRUISE AND AUGUST 1970 NERVE GAS DUMP SITE SURVEY Atlantic Ocean, Depth, Environmental Hazards, Marine Pollution, Ocean Currents, Salinity, Temperature, 2.0536

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN Marine Environments, Marine Geology, Marine Pollution, Pacific Ocean, 2.0743

REMOTE SENSING - TEKTITE, VIRGIN ISLANDS Man in the Sea Programs, Marine Environments, Marine Pollution, Puerto Rico, Spacecraft Sensory Devices, Virgin Islands, 2.0819

DEVELOPMENT OF AN IN SITU MARINE BIOASSAY WITH CLAMS Bioassays, Captive Rearing, Contamination - Water, Invertebrate Physiology, 2.0839

WATER QUALITY MONITORING STUDIES Aquatic Ecology - Animal, Dams -general, Fish and Shellfish, Population Dynamics -general, Water Quality -general, 2.0854

PHYTOPLANKTON NUTRITION AND PHOTOSYNTHESIS IN EUTROPHIC LAKES Algal Physiology, Eutrophic Lakes, Eutrophication, Phytoplankton, Sewage, 2.1050

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN Clay, Fish, Marine Pollution, Pacific Ocean, Polychlorinated Biphenyl Cpds., Water Standards & Baselines, 2.1191

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE Animal Distribution, Data Reduction and Analysis, Environmental Ecology, Eutrophication, Lake Erie, Plankton, Spawning & Nesting Sites, Stizostedion Vitreum Vitreum, Water Temperature Recorders, 2.1672

EFFECTS OF LOGGING ON SALMON POPULATIONS IN COASTAL STREAMS Animal Migration, Coastlines - Shorelines, Fish and Shellfish, Forest Watersheds, Lumbering - general, Oregon, Pseudotsuga, 2.1688

EFFECTS OF TOXICANTS UPON FISH MOVEMENT PATTERNS Contamination - Water, Effluents - Waste Water, Industrial Wastes, Pilot Plants, Water Pollutant Identification, 2.1764

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER Carbamates -nonspecific, Fertilizers, Land Use, Monitoring Systems, Nutrients, Pesticides -see Pesticide, Soil Analysis, 4.0056

PESTICIDE CONTAMINATION OF ENVIRONMENT Bottom Sampling, Chemical Analysis, Cyanides, Dieldrin, Fish, Guthion, Louisiana, Monitoring Systems, Oysters, Pesticide Evaluation, Pesticide Residues, Residues in Foods, Water Pollutants - Path of, 4.1038

INSTRUMENTATION AND METHODS FOR THE MEASUREMENT OF RADIOACTIVE AIR CONTAMINANTS Dosimetry, Radioactivity, Uranium, 5.0876

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS Air Pollution -see Specifics, Air Pollution Effects, Energy Conversion, Environmental Hazards, Occupational Hazards, Radiation Instruments, Radioactive Isotopes, Radiologic Health, 5.0877

Monolayers

STUDY OF IRRADIATED AIR POLLUTANTS ON SPREAD FILMS Additives, Air Pollution -see Specifics, Antioxidants - nonspecific, Gases, Natural Occurring Membranes, Radiation Sources -general, 1.0370

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE Aircraft Remote Sensing, Chesapeake Bay, Estuaries, Fluorometry, Petroleum Wastes - Spillage, Water Pollutants - Path of, Wind, 2.0411

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY Aircraft Remote Sensing, Animal Productivity, Chlorophyll, Em Radiation, Marine Biology - General, Polarimetry, Reflectance, Survey Studies (water), Water Pollutant Identification, 2.0499

GROSS EFFECTS OF HEXADECANOL AND PLASTIC SHEET BOTTOMS ON AQUATIC LIFE IN PONDS Aquatic Ecology - Animal, Chemical Water Properties, Environmental Ecology, Linings - Pavings, Physical Water Properties, Ponds, Water Quality -general, 4.0054

Montana

AEROBIOLOGICAL SURVEY IN THE NORTHERN ROCKY MOUNTAINS AND PLAINS Air Pollution -see Specifics, Biological Organisms, Contamination -see Air & Water Pollutn -

see Air Pollution, Seasonal Distribution, Vertical Distribution, ...1.0070

COMPLETE COLLECTION OF ANALYSES OF DATA ASSOCIATING HEALTH EFFECTS WITH EXPOSURE TO PB, AS, OR CD EMISSIONS FROM SMELTERS IN MONTANA & IDAHO ...Air Pollution -see Specifics, Arsenic, Chemical Analysis -general, Idaho, Lead, Miners, Occupational Hazards, ...1.0279

THE EFFECTS OF ATMOSPHERIC POLLUTION ON EPIPHYTES ...Air Pollution Monitoring, Bryophyta, Idaho, Iron & Steel Industry, Pseudotsuga, Range Or Territorial Distr., ...1.0421

ATOMIC ABSORPTION SPECTROSCOPY WITH A HIGH TEMPERATURE FURNACE ...Air Pollution Monitoring, Atomic Absorption, Clouds - Precipitation, Particulates and Aerosols, Snow, ...1.0737

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds, Benthic Fauna, Contamination - Water, Engineering Structures-general, Farm Structures & Design, Land Use, Modification Effects, Pilot Plants, Population Dynamics -general, Sediments, Soil Conservation-see Conserv., Stream Banks, Turbidity (water), Water Temperature Recorders, ...2.0229

WATER RESOURCES IN SOURDOUGH AND MIDDLE CREEK WATERSHEDS - A COMPARATIVE STUDY OF QUALITY AND HYDROLOGY ...Acidity (water), Erosion, Sedimentation, Suspension, Water Quality Control -general, Watersheds, ...2.0230

AN INVESTIGATION OF THE EXTENT AND CAUSE OF EUTROPHICATION OF CANYON FERRY RESERVOIR, MONTANA ...Algae - Cyanophyta, Eutrophication, Missouri River, Nutrients, Reservoirs and Impoundments, Zooplankton, ...2.0232

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific, Biological Water Properties, Evaporation, Oxygen Content (water), Phytoplankton, Productivity of Freshwater, Stratification (water), Wyoming, ...2.0233

NATURAL WATER SYSTEMS IN WESTERN MONTANA ...Aquatic Ecology - Animal, Chemical Water Properties, Plant Freshwater Ecology, Water Properties -general, ...2.0234

SILTATION RATES AND LIFE EXPECTANCIES OF SMALL HEADWATER RESERVOIRS IN MONTANA ...Chemical Water Properties, Geology -general, Morphology, Radioactive Fallout, Reservoirs and Impoundments, ...2.0235

TESTACEA (PROTOZOA - SARCODINA) AS INDICATORS OF WATER QUALITY IN WESTERN MONTANA ...Animal Habitat Studies, Bottom Sampling, Periphyton, Protozoa, Water Quality -general, ...2.0662

MERCURY CONCENTRATIONS IN THE AQUATIC LIFE FORMS AND THE WATERS OF THE UPPER CLARK FORK RIVER ...Crustacea, Fish, Mercury, Mollusca, Pollution Effects - see Water, Water Pollutant Identification, Water Pollution -see Specifics, ...2.0663

INFLUENCE OF SEDIMENTATION UPON THE PRODUCTION OF GAME FISHES ...Animal Productivity, Ecological Effects, Fish Food Organisms, Pollution Effects -see Water, Sediment Yield, Sediments, Turbidity (water), ...2.0881

TO STUDY THE ENVIRONMENTAL FACTORS AFFECTING REPRODUCTION IN OSPREYS OF FLATHEAD LAKE, MONTANA ...Calcification -vertebrate, Chemical Analysis, Environmental Physiology, Falconiformes, Pesticides -nonspecific, ...2.1486

STUDY OF POSSIBLE EFFECTS OF STRIP COAL MINING ON THE HYDROLOGICAL REGIMEN IN EASTERN MONTANA ...Coal, Groundwater, Mine Wastes, Rainfall - Runoff Relationship, Soil Tillage, Water Pollution Sources, Water Storage, ...2.1630

AN INVESTIGATION OF THE WATER QUALITY AND PRODUCTIVITY OF POLSON BAY, FLATHEAD LAKE, MONTANA ...Animal Productivity, Bays, Lakes, Plant Productivity -general, Water Quality -general, Water Utilization - domestic, ...2.1632

ENVIRONMENTAL PLANNING ALONG MONTANA'S 'BLUE-RIBBON' TROUT STREAMS ...Land Use, Modification Effects, Law Enforcement, Legislation, Salmonidae, State Government, Water Resources Planning, Water Standards & Baselines, ...2.1863

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection, Animal Productivity, Aquatic Plants -nonspecific, Chemical Analysis (water), Column Chromatography, Falconiformes, Fish, Lakes, Pesticide Toxicity to Microorg, Pesticides -see Pesticide, Population Dynamics - general, Water Pollutants - Path of, ...4.0752

Monte Carlo Methods

COMPUTE SIMULATION OF DIFFUSION STUDIES ...Computer Models, Differential Equations, Fluid Mechanics, Mathematical Analysis, Water Quality -general, ...2.1066

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis, Confidence Intervals, Digital Computer Applications, Hudson River, Optimization Technique, River Basins, Systems Analysis, Waste Treatment Economics, Water Purification, ...2.1883

SYSTEMS ECOLOGY ...Animal Predation, Computer Methods - general, Energy Budgets, Environmental Ecology, Plant Ecology - nonspecific, Plant Productivity -general, Radioactive Pollution -ns, Reactor Sites & Rad Waste, Systems Analysis, ...5.0074

LET DISTRIBUTIONS OF IONIZING RADIATION ...Biological Dosimetry, 5.0933

THEORETICAL RADIATION DOSIMETRY ...Dosimetry, Fast Neutrons, Particle Accelerators, Protons, Radiation -see Specifics, Radiation Penetration, Radioactive Hazard, ...5.0939

Motivation and Instinct

AIR POLLUTION TRAINING PROGRAM ...Air Pollution -see Specifics, Climates -general, Pesticide Action on Animals, Pesticides -nonspecific, Wildlife -nonspecific, ...1.0299

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology, Aquatic Ecology - Animal, Bullheads, Ecological Effects, Environmental Physiology, Marine Animals, Osteichthyes -other, Population Dynamics -general, Temperature Stress, ...3.1498

FISH BEHAVIOR AND PHYSIOLOGY ...Animal Migration, Behavior -vertebrate, Engineering Structures-general, Environmental Physiology, Fish & Shellfish Biology, Pollution Effects -see Water, Sensory & Perceptual Processes, Thermal Pollution, ...2.1761

RELATIONSHIPS BETWEEN SUBLETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ...Behavior - vertebrate, Cyprinodontidae, DDT -see Pesticides, Fish, Laboratory Animals, Pesticide Evaluation, Pesticides -nonspecific, Psychology, ...4.0598

RESEARCH PROGRAM IN DEVELOPMENTAL NEUROPSYCHOLOGY ...Exercise, Healing, Primates -nonspecific, Psychology, Radiation Effects - Biological, ...5.0321

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Animal Behavioral Ecology, Biological Rhythms, Odocoileus, Procyonidae, Rabbits, Range Or Territorial Distr., Teal, Green-winged, Vertebrates Excl Man, ...5.0413

ADAPTIVE SPECIALIZATIONS IN LEARNING AND MEMORY ...Evolution, Injury and Shock, Learning and Retention, Sensory & Perceptual Processes, Toxicology, ...5.0588

THE EFFECTS OF AGE, FOOD DEPRIVATION, AND WHITE NOISE ON READINESS TO EAT AND EXPLORATORY TENDENCIES IN RATS ...Auditory Stress, Learning and Retention, Muridae, ...6.0092

COMPARATIVE STUDY OF VOCAL LEARNING ...Birds, Learning and Retention, Psychology, Sensory & Perceptual Processes, Sound Production, ...6.0097

Mulches

CLADOPHORA AS RELATED TO POLLUTION IN WESTERN LAKE ERIE ...Algae - Chlorophyta, Algal Pollutant Sources, Contamination - Water, Lower Plants, Product Development Research, ...2.0726

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water), Effluents, Waste Water, Industrial Wastes, Lysimeters, Moisture Deficiency, Percolation (water), Sewage, Soil Analysis, Soil Conservation-see Conserv., Soil pH, Spoil Banks, Taste & Odor of Water, Water Pollution Sources, ...3.0040

CONSERVATION OF RESOURCES IN MUNICIPAL WASTES ...Bromacil, Cotoneaster, Pennantetum, Plant Residues, Humus, Compost, Soil - Crop Relationships, Soil Cover Crops, Trifluralin, ...3.0046

IMPROVED MARKETING PRACTICES AND MARKETS FOR LUMBER AND OTHER MANUFACTURED PRODUCTS OF EASTERN HARDWOODS ...Agricultural Economics, Consumption, Costs -see Economics Entries, Manufacturing, Processing, Supply, Tsuga, ...3.0344

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gemeriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

BARK RESIDUES AS SOIL CONDITIONER ...Lycopersicum; Ornamentals; Plant Waste Removal, Treatment; Soil Amendments; Soil Compaction Or Density; Vegetables; ...3.0375

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Tillage, Cropping Systems; Zea Mays - Field Corn; ...4.0138

APPLICATION PRINCIPLES AND DESIGN REQUIREMENTS FOR WEED CONTROL EQUIPMENT ...Cultural Control; Oryzeae; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; Physical Control; Soil Cover Crops; ...4.0222

WEED CONTROL IN NURSERY STOCK ...Herbicides -nonspecific; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Evaluation; Pesticide Persistance in Soils; Potted Plants - see Ornamentals; ...4.0286

DEVELOP METHOD OF REMOVING RADIO-ACTIVE CONTAMINANTS FROM AGRICULTURAL LAND ...Absorption (incl. Adsorption); Pesticides -other; Radioactive Fallout-cf Fallout; Soil Cover Crops; Zea Mays - Field Corn; ...5.0040

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

Mutation

Chemical Mutagenesis

CARCINOGENIC AND MUTAGENIC STUDIES ON ATMOSPHERIC POLLUTANTS ...Air Pollution; Air Pollution -see Specifics; Chemical Carcinogenesis; Environmental Carcinogenesis; Epidemiology; Muridae; Respiratory Irritants, Inhaled; ...1.0264

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES. 1. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE ...Algae - Chlorophyta; Cell Injury and Autolysis; Industrial Wastes; Metabolism of Algacides; Plant Ecology -nonspecific; Radiation Sources -general; X and Gamma Rays; ...2.0027

EFFECTS OF ENVIRONMENTAL CHANGES ON BLUE-GREEN ALGAE ...Algae - Cyanophyta; Algal Physiology; Cellular Metabolism - Controls; Eutrophication; Water Quality Control - general; ...2.0912

EFFECT OF POLLUTANTS ON AQUATIC MICROORGANISMS ...Microorgenisms; Microorganisms -nonspecific; Physical Mutagenesis; Physiological Effects; Radiation -see Specifics; Solar Radiation -sunshine; ...2.1469

ENVIRONMENT AND TECHNOLOGY ASSESSMENT ...Aquatic Soils; Costs -see Economics Entries; Government -see Federal Gov.; Social Aspects; Thermal Pollution; Water Pollution -see Specifics; ...2.1812

CYTOGENETIC EFFECTS OF HYDROGEN FLUORIDE ON CORN ...Hydrogen Fluoride; Industrial Pollution -general; Pesticide Action on Plants; Pollens -see Air Pollution; Zea Mays - Field Corn; ...4.0051

CYTOGENETIC EFFECTS OF ATRAZINE ON GRAIN SORGHUM ...Atrazine; D, 2,4-; Pesticide Action on Plants; Pesticide Phytotoxicity; Sorghum; ...4.0321

CYTOGENETIC EFFECTS OF FLUORIDE ...Air Pollution -see Specifics; Fluorine; Herbicides and Other Chem; Mutagenesis - nonspecific; Nicotiana; Pesticide Phytotoxicity; ...4.0488

DEVELOPMENT AND APPLICATION OF QUANTITATIVE CELL CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Bioassays; Cellular Viability; Hydrogen; Physiological Effects; Water Pollutant Identification; Zinc; ...4.0840

ENVIRONMENTAL MUTAGENESIS TESTING ...Bioassays; Environmental Effects - Human; Toxicology; ...4.0854

TOXIC EFFECTS OF AGRICULTURAL CHEMICALS ON REPRODUCTION IN ANIMALS ...Experimental Teratology; Lethal Mutation; Mammals -nonspecific; Pesticide Formulation; Pesticides -nonspecific; ...4.0867

INSECTICIDES AND REPRODUCTION OF COTURNIX QUAIL ...DDT; Genetic Resistance; Laboratory Animals; Malathion; Pesticide Tolerance Rate; Quail; ...4.0912

RADIOMIMETIC EFFECT OF DRUGS AND FOOD ADDITIVES ...Allium; Antioxidants -nonspecific; Cell Injury and Autolysis; Insecticides -nonspecific; Pathological Physiology; ...5.0033

PHOTODYNAMIC MUTAGENESIS ...Bacteriophage; Escherichia Coli; Microorganisms; Radiation; Reversion Mutation; Ultra Violet Radiation; ...5.0297

NEMATODE MUTANTS WITH DEFECTIVE BEHAVIORAL AND NEURONAL FUNCTION ...Developmental Physiology; Mutagenesis -nonspecific; Nematoda; Radiation Effects - Biological; ...5.0363

EFFECTIVENESS AND EFFICIENCY OF PHYSICAL AND CHEMICAL MUTAGENS ...Hordeum Vulgare; Neutron -see Radiation; Physical Mutagenesis; Radiation Effects -see Rad.; Temperature - Air; ...5.0613

THE EFFECTS OF RADIATIONS ON THE GENETIC SYSTEMS OF ORGANISMS IN RELATION TO THEIR PHYSICAL AND BIOCHEMICAL SYSTEMS ...Lethal Mutation; Physical Mutagenesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0707

A STUDY OF FACTORS GOVERNING PLANT RADIOSENSITIVITY ...Physical Mutagenesis; Plants; Respiration; X and Gamma Rays; ...5.0733

THE DETECTION AND ANALYSIS OF MUTAGENS ...Bacteria - nonspecific; Cell Injury and Autolysis; Evolution; Microorganisms; Radiation; ...5.0773

Lethal Mutation

TOXIC EFFECTS OF AGRICULTURAL CHEMICALS ON REPRODUCTION IN ANIMALS ...Chemical Mutagenesis; Experimental Teratology; Mammals -nonspecific; Pesticide Formulation; Pesticides -nonspecific; ...4.0867

X-RAY INDUCED CHANGES IN DROSOPHILA GERM CELLS ...Invertebrates; X and Gamma Rays; ...5.0177

VIRUS INDUCED MUTATION AND IRRADIATION ...Mutagenesis -nonspecific; Physical Mutagenesis; ...5.0225

THEORY OF AGING, MORTALITY AND RADIATION INJURY ...Injury -animal; Mammals -nonspecific; Radiation Effects - Biological; Radiation Sensitivity -man; Simulation Theory; Statistics; X and Gamma Rays; ...5.0286

PROTECTION AGAINST RADIATION DAMAGE TO CHROMOSOMES ...Adenosine Triphosphate; Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; ...5.0310

A QUANTITATIVE STUDY OF THE MUTAGENIC EFFECT OF TRANSMUTATION IN DROSOPHILA & THE HONEY BEE ...Carbon; Mutation Types -other; Physical Mutagenesis; Radiologic Health; Rate of Mutation; ...5.0339

MUTAGENIC EFFECT OF TRANSMUTATION FROM RADIONUCLIDES INCORPORATED INTO DNA OF DROSOPHILA MELANOGASTER ...Beta Particles; Carbon; Invertebrates; Phosphorus; ...5.0340

THE GENETIC EFFECTS OF IONIZING RADIATION IN DROSOPHILA MELANOGASTER ...Invertebrates; Neutron -see Radiation; X and Gamma Rays, ...5.0526

EFFECTIVENESS AND EFFICIENCY OF PHYSICAL AND CHEMICAL MUTAGENS ...Chemical Mutagenesis: Hordeum Vulgare; Neutron -see Radiation; Physical Mutagenesis; Radiation Effects -see Rad.; Temperature - Air; ...5.0613

CYTOLOGY AND TISSUE CULTURE IN GENETIC AND DEVELOPMENTAL STUDIES ...Muridae; Radiation Effects - Biological; Somatic Mutation; X and Gamma Rays; ...5.0635

THE EFFECTS OF RADIATIONS ON THE GENETIC SYSTEMS OF ORGANISMS IN RELATION TO THEIR PHYSICAL AND BIOCHEMICAL SYSTEMS ...Chemical Mutagenesis, Physical Mutagenesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0707

GENETIC EFFECTS OF CUMULATIVE IRRADIATION IN RATS ...Muridae; Physical Mutagenesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0764

Mutagenesis -nonspecific

ENHANCED CELLULASE PRODUCTION BY MUTATION ...Biodegradation-see Degradation; Catalysts; Costs -see Economics Entries; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Rate of Reaction; ...3.0381

PLANT RESPONSE TO ORGANIC CHEMICALS IN THE ROOT ENVIRONMENT ...Absorption (incl. Adsorption); Amiben; Cellular Catabolism-see Degrad; Dicamba; Pesticide Degradation -see Deg; Plant Resistance; ...4.0154

INVESTIGATIONS OF MINT DISEASES ...Benlate; Fumigants - nonspecific; Labiatae; Pesticide Evaluation; Solanum; Verticillium; ...4.0359

CYTOGENETIC EFFECTS OF FLUORIDE ...Air Pollution -see Specifics; Chemical Mutagenesis; Fluorine; Herbicides and Other Chem; Nicotiana; Pesticide Phytotoxicity; ...4.0488

ENVIRONMENTAL MUTAGEN INFORMATION CENTER (EMIC) ...Air Pollution -see Specifics; General Information Services; Information Science; Mercury; Pesticide Toxicity -general; Pesticides -nonspecific; ...4.0855

NAVY ENVIRONMENT - NONTHERMAL HAZARDS OF EXPOSURE TO RADIOFREQUENCY AND MICROWAVE FIELDS ...Environmental Effects - Human; Interaction With Matter; Microwave and Radiofrequency; Military Personnel; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0216

VIRUS INDUCED MUTATION AND IRRADIATION ...Lethal Mutation; Physical Mutagenesis; ...5.0225

RADIATION-INDUCED CHROMOSOMAL INVERSIONS IN MOUSE POPULATIONS ...Muridae; Vertebrates Excl. Man; X and Gamma Rays; ...5.0346

NEMATODE MUTANTS WITH DEFECTIVE BEHAVIORAL AND NEURONAL FUNCTION ...Chemical Mutagenesis; Developmental Physiology; Nematoda; Radiation Effects - Biological; ...5.0363

CAROTENOID PIGMENTS AND PHOTOTOXICITY AND PHOTOPROTECTION IN BACTERIA ...Bacterial Studies - general; Cell Injury and Autolysis; Light; Radiation -see Specifics; Sarcina -nonspecific; ...5.0385

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLET AND X-IRRADIATION DAMAGE ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Repair Mechanisms; Haemophilus Sp; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0455

BIOLOGICAL MECHANISMS OF NATURAL AND RADIATION-INDUCED AGING ...Aging; Muridae; Physical Mutagenesis; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; Somatic Mutation; ...5.0524

RADIATION CHEMISTRY AND RADIOBIOLOGY OF MEDIUM EFFECTS ...Aldehydes -nonspecific; Gas Chromatography; Microorganisms; Radiation; Radiation Dose Studies-general; Radiolysis; Thin Layer Chromatography; ...5.0590

GAMMA RAY EFFECTS ON DICTYOSTELIUM DISCOIDEUM ...Cellular Biosynthesis; Cellular Model Systems; Microorganisms; Myxomycetes; X and Gamma Rays; ...5.0594

THE EFFECTS OF FAST NEUTRONS ON PLANT GROWTH AND MUTATIONS ...Neutron -see Radiation; Plants; ...5.0665

Mutation Types -other

DEVELOPMENT AND APPLICATION OF QUANTITATIVE CELL CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Bioassays; Cellular Viability; Hydrogen; Physiological Effects; Water Pollutant Identification; Zinc; ...4.0840

A QUANTITATIVE STUDY OF THE MUTAGENIC EFFECT OF TRANSMUTATION IN DROSOPHILA & THE HONEY BEE ...Carbon; Lethal Mutation; Physical Mutagenesis; Radiologic Health; Rate of Mutation; ...5.0339

BASIC ASPECTS OF THE ACTION OF RADIATION ON MICROORGANISMS ...Bacillus Subtilis; Bacteriophage; Cell Injury and Autolysis; Cellular Repair Mechanisms; Microorganisms; Radiation Injury Prevention; Radiation Sources -general; ...5.0595

RADIATION MUTAGENESIS IN MAMMALIAN CELLS IN VITRO ...Cell Injury and Autolysis; Cellular Viability; Radiation; Radiation Sensitivity -man; Reversion Mutation; X and Gamma Rays; ...5.0630

Physical Mutagenesis

EFFECT OF POLLUTANTS ON AQUATIC MICROORGANISMS ...Chemical Mutagenesis; Microorganisms; Microorganisms -nonspecific; Physiological Effects; Radiation -see Specifics; Solar Radiation -sunshine; ...2.1469

ULTRAVIOLET LIGHT EFFECTS ON NUCLEIC ACID FORMATION AND GENETIC EVENTS IN BACTERIA ...Bacteria -nonspecific; Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0067

RADIATION EFFECTS ON DIFFERENTIATION AND TISSUE CONTROL ...Bacteria -nonspecific; Cell Injury and Autolysis; Fungi -nonspecific; Invertebrates; Radiation Carcinogenesis; Radiation, Low Level; X and Gamma Rays; ...5.0138

VIRUS INDUCED MUTATION AND IRRADIATION ...Lethal Mutation; Mutagenesis -nonspecific; ...5.0225

A CYTOLOGICAL STUDY OF RADIATION INDUCED ALTERATIONS IN CYTOPLASMIC FACTORS CONTROLLING MALE STERILITY IN CORN ...Crotalaria; Helminthosporium; Plants; Solanaceae; X and Gamma Rays; ...5.0245

TOXICITY OF TRITIUM-LABELED COMPOUNDS ...Beta Particles; Cell Membrane Permeability; Cellular Catabolism-see Degrad; Hydrogen; Radiation; Reactor Sites & Rad Waste; ...5.0280

PHOTODYNAMIC MUTAGENESIS ...Bacteriophage; Escherichia Coli; Microorganisms; Radiation; Reversion Mutation; Ultra Violet Radiation; ...5.0297

PROTECTION AGAINST RADIATION DAMAGE TO CHROMOSOMES ...Adenosine Triphosphate; Cell Injury and Autolysis; Cellular Repair Mechanisms; Lethal Mutation; Radiation; ...5.0310

GENETICS OF CANDIDA ALBICANS - NUTRITIONAL MUTAGENESIS AND COMPARATIVE SUSCEPTIBILITY TO ULTRAVIOLET IRRADIATION ...Candida; Cellular Repair Mechanisms; Evolution; Hansenula; Radiation; Taxonomy -plant; ...5.0335

A QUANTITATIVE STUDY OF THE MUTAGENIC EFFECT OF TRANSMUTATION IN DROSOPHILA & THE HONEY BEE ...Carbon; Lethal Mutation; Mutation Types -other; Radiologic Health; Rate of Mutation; ...5.0339

EFFECT OF X-IRRADIATION ON THE GERMINAL EPITHELIUM OF THE MALE MOUSE ...Cellular Repair Mechanisms; Muridae; Radiation Sensitivity -man; X and Gamma Rays; ...5.0345

EXPERIMENTAL ELECTROMAGNETIC RADIATION STUDIES ...Canidae; Electromagnetic Field; Escherichia Coli; Microwave and Radiofrequency; Primates -nonspecific; Radiation Sensitivity -man; ...5.0370

SOME ASPECTS OF THE MECHANISM OF BACTERIOPHAGE REPLICATION ...Bacteriophage; Cell Injury and Autolysis; Escherichia Coli; Microorganisms; X and Gamma Rays; ...5.0398

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Aging; Commelinaceae; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Radiation Sensitivity -man; Somatic Mutation; Temperature - Air; ...5.0408

BASIC EFFECTS OF MICROWAVES ON BIOCHEMICAL PROCESSES ...Interaction With Matter; Radiation Chemistry - biophys.; Radiation Effects - Biological; Radiation Sources - general; Thermodynamics -biophysics; ...5.0454

GENETIC EFFECTS OF X-RAY EXPOSURE ON REPRODUCTION .. Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0458

GENETIC EFFECTS OF X-RAY EXPOSURE ON LONGEVITY ...Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0464

BIOLOGICAL MECHANISMS OF NATURAL AND RADIATION-INDUCED AGING ...Aging; Muridae; Mutagenesis -nonspecific; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; Somatic Mutation; ...5.0524

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS (ABBREV) ...Arabidopsis; Fast Neutrons; Radiation Effects -see Rad.; Zea Mays - Field Corn; ...5.0533

RECOVERY OF A NATURAL PLANT COMMUNITY FOLLOWING EXPOSURE TO BETA RADIATION FROM SIMULATED FALLOUT PARTICLES ...Compositae; Plant Ecology -nonspecific; Plants; Radioactive Fallout-cf Fallout; Range Or Territorial Distr.; Seeds; ...5.0545

GENETIC EFFECTS OF ACUTE BETA IRRADIATION FROM SIMULATED FALLOUT PARTICLES UPON NATURAL POPULATIONS OF VIGUIERA PORTERI ...Beta Particles; Compositae; Plants; Radiation Effects -see Rad.; Seeds; ...5.0546

RADIATION GENETICS AND RADIATION RESISTANCE IN PEANUTS ...Arachis; Plants; Radiation Resistance; Radiation Sources -general; Temperature - Air; ...5.0554

GAMMA RAY EFFECTS ON DICTYOSTELIUM DISCOIDEUM ...Cellular Biosynthesis; Cellular Model Systems; Microorganisms; Myxomycetes; X and Gamma Rays; ...5.0594

STUDIES ON RADIATION-INDUCED HERITABLE LESIONS IN SOMATIC CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; X and Gamma Rays; ...5.0598

EFFECTIVENESS AND EFFICIENCY OF PHYSICAL AND CHEMICAL MUTAGENS ...Chemical Mutagenesis; Hordeum Vulgare; Neutron -see Radiation; Radiation Effects -see Rad.; Temperature - Air; ...5.0613

RESPONSE OF HORTICULTURAL PLANTS TO ACUTE GAMMA RADIATION ...Labiatae; Neutron -see Radiation; Plants; Radiation, Whole Body; Rate of Mutation; X and Gamma Rays; ...5.0614

CELL SPECIALIZATION IN SHOOT APICAL MERISTEMS AS RELATED TO RADIOSENSITIVITY AND HISTOGENESIS ...Caryophyllaceae; Euphorbiaceae; Labiatae; Plants; Radiation Sensitivity -man; X and Gamma Rays; Zea Mays - Field Corn; ...5.0615

RADIATION RESPONSE OF A SUB S SPERMATOGONIA ...Cell Injury and Autolysis; Kinetics; Radiation; Radiation Sources - general; Rate of Mutation; ...5.0642

CONTROL AND MODIFICATION OF SEED RADIOSENSITIVITY ...Allium; Hordeum Vulgare; Neutron -see Radiation; Oryzeae; Plants; ...5.0664

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Bacteria -nonspecific; Cell Injury and Autolysis; Gases; Microorganisms; Plants; Radiation; Temperature; X and Gamma Rays; ...5.0677

PHYSICO-CHEMICAL STUDIES ON IRRADIATED CELLS ...Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Radiation; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Radiation Sources -general; ...5.0678

CYTOGENETIC INJURY IN X-RAY IRRADIATED MICE ...Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0691

THE EFFECTS OF RADIATIONS ON THE GENETIC SYSTEMS OF ORGANISMS IN RELATION TO THEIR PHYSICAL AND BIOCHEMICAL SYSTEMS ...Chemical Mutagenesis; Lethal Mutation; Radiation Effects - Biological; X and Gamma Rays; ...5.0707

RADIOSENSITIVITY OF GENETIC STRUCTURES AND MOLECULAR BASIS OF RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIATIONS OF DIFFERENT QUALITIES ...Bacteria -nonspecific; Cell Injury and Autolysis; Radiation; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Yeasts -nonspecific; ...5.0712

DEATH FROM AGING, CANCER, IRRADIATION, AND OTHER STRESSES ...Aging; Canidae; Injury and Shock; Radiation Effects - Biological; Stressors, Physiological; ...5.0725

THE NATURE, INDUCTION AND REPAIR OF RADIATION-INDUCED GENETIC DAMAGE IN PLANTS ...Chlorophyll; Enzymes; Growth Substances; Hordeum Vulgare; Plants; Radiation Effects -see Rad.; Respiration; ...5.0732

A STUDY OF FACTORS GOVERNING PLANT RADIOSENSITIVITY ...Chemical Mutagenesis; Plants; Respiration; X and Gamma Rays; ...5.0733

FATE AND EFFECTS OF RADIONUCLIDES IN ALASKA ...Alaska; Cesium; Lichenes; Radiation Effects - Biological; Radiologic Health; Strontium; ...5.0736

GENETIC EFFECTS OF CUMULATIVE IRRADIATION IN RATS ...Lethal Mutation; Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0764

STUDIES ON THE EFFECT OF X-RAYS ON DNA SYNTHESIS IN POLYTENE CHROMOSOMES ...Cellular Biosynthesis; Cellular Metabolism - Controls; Cellular Repair Mechanisms; Hydrogen; Invertebrates; Ultra Violet Radiation; X and Gamma Rays; ...5.0765

THE DETECTION AND ANALYSIS OF MUTAGENS ...Bacteria - nonspecific; Cell Injury and Autolysis; Chemical Mutagenesis; Evolution; Microorganisms; Radiation; ...5.0773

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Ionizing Radiation - see Rad.; Microorganisms; Protons; Radiation -see Specifics; Radioactive Isotopes; X and Gamma Rays; Yeasts -nonspecific; ...5.0775

RADIATION-INDUCED MUTATIONS IN MICE ...Muridae; Radiation Effects - Biological; ...5.0935

Rate of Mutation

ENVIRONMENT AND TECHNOLOGY ASSESSMENT ...Aquatic Soils; Costs -see Economics Entries; Government -see Federal Gov.; Social Aspects; Thermal Pollution; Water Pollution -see Specifics; ...2.1812

THE ENVIRONMENT AND TECHNOLOGICAL ASSESSMENT ...Atomic Plants; Environmental Effects - Human; Filtration; Lake Tahoe; Management (water); ...2.1917

A QUANTITATIVE STUDY OF THE MUTAGENIC EFFECT OF TRANSMUTATION IN DROSOPHILA & THE HONEY BEE ...Carbon; Lethal Mutation; Mutation Types -other; Physical Mutagenesis; Radiologic Health; ...5.0339

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Growth; Plants; Plants - Monocotyledons; Radiation Effects -see Rad.; Radiation Sensitivity -man; Reproductive Physiology; X and Gamma Rays; ...5.0536

RESPONSE OF HORTICULTURAL PLANTS TO ACUTE GAMMA RADIATION ...Labiatae; Neutron -see Radiation; Physical Mutagenesis; Plants; Radiation, Whole Body; X and Gamma Rays; ...5.0614

RADIATION RESPONSE OF A SUB S SPERMATOGONIA ...Cell Injury and Autolysis; Kinetics; Radiation; Radiation Sources - general; ...5.0642

DEATH FROM AGING, CANCER, IRRADIATION, AND OTHER STRESSES ...Aging; Canidae; Injury and Shock; Radiation Effects - Biological; Stressors, Physiological; ...5.0725

Reversion Mutation

PHOTODYNAMIC MUTAGENESIS ...Bacteriophage; Escherichia Coli; Microorganisms; Radiation; Ultra Violet Radiation; ...5.0297

RADIATION MUTAGENESIS IN MAMMALIAN CELLS IN VITRO ...Cell Injury and Autolysis; Cellular Viability; Mutation Types -other; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0630

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Ionizing Radiation - see Rad.; Microorganisms; Protons; Radiation -see Specifics; Radioactive Isotopes; X and Gamma Rays; Yeasts -nonspecific; ...5.0775

Somatic Mutation

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Aging; Commelinaceae; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Radiation Sensitivity -man; Temperature - Air; ...5.0408

BIOLOGICAL MECHANISMS OF NATURAL AND RADIATION-INDUCED AGING ...Aging; Muridae; Mutagenesis -nonspecific; Physical Mutagenesis; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0524

RADIATION CYTOGENETICS OF HIGHER PLANTS ...Arabidopsis; Growth; Neutron -see Radiation; Protons; Zea Mays - Field Corn; ...5.0534

CYTOLOGY AND TISSUE CULTURE IN GENETIC AND DEVELOPMENTAL STUDIES ...Lethal Mutation; Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0635

TISSUE CULTURE STUDIES IN LARGE ANIMALS ...Neutron - see Radiation; Radiation Effects - Biological; Sus; ...5.0670

RBE OF 60 MEV-PROTONS FOR LATE SOMATIC EFFECTS IN MICE ...Muridae; Radiation Effects - Biological; Radiation, Whole Body; X and Gamma Rays; ...5.0930

Spontaneous Mutation

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Aging; Commelinaceae; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Radiation Sensitivity -man; Somatic Mutation; Temperature - Air; ...5.0408

Navigation

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Coastlines - Shorelines; Economic Geology -general; Infrared Radiation; Legal Studies-general; Tides; Tidewater Areas; Water Quality -general; ...2.0795

INSTRUMENTATION FOR ENGINEERING MANAGEMENT OF A MULTI-PURPOSE RIVER BASIN SYSTEM ...Automatic Data Aquisition; Data Acquisition; Flood Routing; River Basins; Texas; Water Quality -general; ...2.0814

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Recreation, Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization - domestic; ...2.1881

Nebraska

INVESTIGATION OF THE EUTROPHICATION PROCESS OF LAKE MCCONAUGHY, WESTERN NEBRASKA ...Eutrophication; Lakes; Literature Search; Nutrients; Survey Studies (water); Water Properties -general; ...2.0236

EUTROPHICATION OF SMALL RESERVOIRS IN THE GREAT PLAINS ...Algae -nonspecific; Chemical Water Properties; Flood Control Reservoirs; Great Plains Province; Physical Water Properties; Temporal Distribution; ...2.0238

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

HEAVY METAL RESIDUES IN CHANNEL CATFISH FROM SELECTED WATERSHEDS IN NEBRASKA ...Aquatic Ecology - Animal; Contamination - Water; Lead; Watersheds; ...2.0664

UTILIZATION OF THE STORAGE POTENTIAL OF RIVER VALLEY AQUIFERS ...Aquifers; Data Reduction and Analysis; Infiltration; Recharge (water); River Basins; Water Quality - general; Water Storage; ...2.0665

RIVER BASINS - SOUTH FORK DAM ...Agricultural Studies - general; Dams -general; Irrigation; Model Studies; Platte River; River Basins; ...2.0978

INFLUENCE OF FERTILIZER PRACTICES ON WATER AND THE QUALITY OF THE ENVIRONMENT ...Animal Wastes - Feed Lots; Groundwater; Mans Pollutional Activities; Soil - Crop Relationships; Soil Nutrient Cycling; Water Table; ...2.1635

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

COLLECTION, PROPAGATION, CULTURE AND EVALUATION OF PLANT MATERIALS ...Forest Environment -general; Noise; Plant Growth; Right-of-way -see Legal Study; Roads & Highways -see Highways; Snow and Ice Removal; Traffic Engineering; ...6.0039

Nematoda

STUDIES ON THE INTERACTIONS OF BACTERIA AND NEMATODES ...Animal Interrelationships -gen; Aquatic Ecology - Animal; Bacterial Pollutant Sources; Invertebrate Physiology; Plant Freshwater Ecology; ...2.0461

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Plant Ecology -nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

ECOLOGIC IMPACT OF HUMAN ACTIVITIES ON WATER RESOURCE ENVIRONMENTS ...Animal Pollutant Sources; Chemical Water Properties; Ecological Effects; Mans Pollutional Activities; Physical Water Properties; Water Pollutant Identification; ...2.0584

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling; Chlorine; Core Analysis; Industrial Wastes; Population Dynamics - general; Rural Areas; Size; ...2.0776

FACTORS INFLUENCING FREE-LIVING NEMATODES IN WATER SUPPLIES ...Animal Pollutant Sources; Chemical Measurements (water); Chlorination; Chlorine; Environmental Ecology; Mineralogical Water Properties; Sand Filters; ...2.0893

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries; Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

NEMATODES ASSOCIATED WITH SEWAGE TREATMENT AND THEIR SIGNIFICANCE ...Animal Pollutant Sources; Sewage; Taxonomy -animal; ...3.0108

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Pesticide Movement in Soils; Soil Chemical Properties; Soil Microbiology; ...4.0095

PRELIMINARY EXPLORATORY CITRUS RESEARCH AT CITRUS EXPERIMENT STATION ...Aliphatic Carbamates; Fruit, Nut, and Berry Crops; Literature Search; Pesticide Formulation; Pesticide Residues; Soil Depth; ...4.0096

SOIL FUMIGANT CHEMICALS AND THEIR EFFECTS ON SOIL MICROFLORA ...Bacteria -nonspecific; Pesticide Phytotoxicity; Plant Pathogenetic Fungi; Soil Depth; Soil Microbiology; Soil Moisture; ...4.0107

NEMATOCIDES AND POTENTIAL NEMATOCIDAL CHEMICALS RESIDUES IN PLANTS AND DIFFUSION IN SOIL ...Aliphatic Carbamates; Dichloropropene; Nemagon; Pesticide Persistance in Soils; ...4.0145

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Equipment; Labiatae; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

CONTROLS FOR MAJOR COTTON DISEASES IN SOUTHEASTERN U. S. INCLUDING RESISTANCE ...Fungal Resistance; Fusarium; Herbicides -nonspecific; Nematode Resistance; Pesticide Phytotoxicity; Verticillium; ...4.0208

CHEMISTRY OF NEMATODES AND NEMATOCIDES ...Invertebrate Physiology; Pathological Physiology; Pesticide Degradation -see Deg; Soil Microbiology; ...4.0229

CONTROL OF NEMATODES IN NURSERIES AND ON PLANT MATERIALS ...Aliphatic Carbamates; Methomyl; Pesticide Evaluation; Pesticides -other; V-c 13; ...4.0239

SUGAR BEET DISEASES ...Amaranthaceae; Cycloate; Pesticide Evaluation; Pesticide Interaction -gen.; Pyrazon; Tillam; ...4.0245

ACTION OF SELECTIVE CHEMICALS ON MICRO-ORGANISMS AND HIGHER PLANTS ...Capsicum; Pesticide Evaluation; Phaseolus; Temperature - Air; Vegetables; Xanthomonas; ...4.0255

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Iridaceae; Mocap; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

BIONOMICS OF THE PLANT NEMATODE TRICHODORUS CHRISTIEI ...Aliphatic Carbamates; Chrysanthemum; Mocap; Ornamentals; Pesticide Evaluation; Population Dynamics -general; Zinophos; ...4.0260

CHEMICAL CONTROL OF SOIL FUNGI, NEMATODES, AND WEEDS AFFECTING WATERMELONS ...Citrullus; Fumigants - nonspecific; Pesticide Evaluation; Pesticides -other; Pythium; Soil Fungi -nonspecific; ...4.0280

EVALUATION OF CHEMICAL COMPOUNDS AS NEMATOCIDES ...Bayer 25141; Mocap; Pesticide Phytotoxicity; Population Dynamics -general; Vegetables; ...4.0294

SURVEY OF NEW COMPOUNDS AND MIXTURES FOR BIOLOGICAL ACTIVITY ...Acer Species; Concentrates; Liquids Or Sprays; Pesticide Evaluation; Pesticide Safety Measures; Pyrethrum; Sbp 1382; ...4.0397

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Arthropods; Ethion; Organophosphorous Cpds.; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Trithion; ...4.0403

DISEASES OF CULTIVATED BLUEBERRIES IN NORTH CAROLINA ...Botryosphaeria; Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Pesticides -other; Temperature - Air; ...4.0428

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Fungal Resistance; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

TOBACCO PLANT BED MANAGEMENT RESEARCH ...Diphenamid; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0477

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Granules, Capsules; Insecticides - nonspecific; Nematocides -nonspecific; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales; Verticillium; ...4.0480

BIOLOGICAL METHODS OF CONTROL FOR INTERNAL PARASITES OF LIVESTOCK ...Animal Pharmacology; Chemical Analysis; Genetic Resistance; Immunology; Loxon; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0555

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Forturf; Fusarium; Morven; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

PESTICIDE RESIDUES AND PARASITES IN BIG GAME MAMMALS ...Antilocapridae; Cervus; Forest Environment -general; Ovis; ...4.0845

A STUDY OF THE PESTICIDE RESIDUES AND OF PARASITES IN BIG GAME MAMMALS OF SOUTH DAKOTA ...Animal Pharmacology; Antihelminth; Gastropoda; Ovis; Pesticide Evaluation; Pesticides -nonspecific; ...4.0846

NUTRITION AND PROPAGATION OF THE ATTWATER'S PRAIRIE CHICKEN ...Aspergillus; Captive Rearing; Endangered Species; Pathology; Pesticide Residues Removal; Protozoa; Tissue Accumulation Rates; ...4.0857

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

THE CONTROL OF TOBACCO DISEASES BY CULTURAL PRACTICES AND CHEMICALS ...Alternaria; Dd; Fungal Resistance; Peronosporaceae; Phytophthora; ...4.1090

NEMATODE MUTANTS WITH DEFECTIVE BEHAVIORAL AND NEURONAL FUNCTION ...Chemical Mutagenesis; Developmental Physiology; Mutagenesis -nonspecific; Radiation Effects - Biological; ...5.0363

BIOCHEMICAL AND IMMUNOLOGICAL STUDIES OF ENZYMES OF METAZOAN PARASITES ...Invertebrates; Mammals -nonspecific; ...5.0418

Netherlands

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Foreign Agriculture; Neutron -see Radiation; Plants; ...5.0419

Neutralization

SURVEY OF LAKE NO. 1, WINSLOW TRACT ...Aquatic Ecology - Animal; Chemical Analysis (water); Electro-fishing; Lakes; Nets; New Jersey; Water Utilization -animal; ...2.0679

BUFFER CAPACITY IN AQUATIC ECOSYSTEMS ...Acidity (water); Alkalinity (water); Biological Water Properties; Mathematical Models; Plant Freshwater Ecology; Water Quality Control -general; ...2.0889

FORMATION OF DENSE SETTLED SLUDGE BY LIME - TREATMENT OF SYNTHETIC ACID MINE DRAINAGE ...Acid Mine Drainage; Acid Mine Wastes; Lime Treatment; Oxidation; Waste Water Treatment -general; ...2.0934

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Aquatic Ecology - Animal; Chemical Water Properties; Ictalurus Punctatus; Lakes; Lime Treatment; Population Dynamics - general; Stocking of Fish & Shellfish; ...2.1027

ACID WATER TROUT STUDIES ...Acidity (water); Environmental Ecology; Population Dynamics -general; Water Pollutant Identification; Water Table; ...2.1059

NEUTRALIZATION EXPERIMENTS ...Acidity (water); Aquatic Ecology - Animal; Fish; Lime Treatment; New Jersey; Recreation, Water Resources; ...2.1060

DISPOSAL OF SLUDGE FROM ACID MINE DRAINAGE TREATMENT PLANTS ...Acid Mine Wastes; Aeration (water); Agricultural Runoff; Infiltration; Sprinkler Irrigation; Waste Disposal-see Solid Waste; ...2.1090

COLD WATER STUDIES - WALLUM LAKE ...Acidity (water); Bottom Sampling; Data Reduction and Analysis; Lakes; Lime Treatment; Rhode Island; ...2.1095

LIMESTONE DRUM PRODUCTIVITY STUDY -- POPULATION STUDY ...Acidity (water); Chemical Measurements (water); Contamination - Water; Environmental Ecology; Limestone-general; Population Dynamics -general; Spawn Or Nesting Sites; Stocking of Fish & Shellfish; ...2.1131

LIMESTONE DRUM PRODUCTIVITY STUDY-LIMNOLOGICAL STUDY ...Acidity (water); Benthic Fauna; Lakes; Limestone-general; Salmonidae; ...2.1132

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials; Coatings -see Materials; Dewatering, Effluents - Waste Water; Industrial Wastes; Metal Processing Wastes; Pilot Plants; Sludge; Waste Treatment Economics; ...2.1208

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Acid Mine Drainage; Algae -nonspecific; Chlorophyll; Organic Waste -see Waste Treat; Rehabilitation -streams -lakes; Strip Mines; Waste Water Degradation; Waste Water Treatment -general; ...2.1319

LIME-LIMESTONE NEUTRALIZATION OF ACID MINE DRAINAGE ...Acid Mine Wastes; Acidity (water); Coal; Drainage; Illinois; Lime Treatment; Limestone-general; ...2.1329

NEUTRALIZATION AND PRECOAT FILTRATION OF CONCENTRATION SLUDGES FROM MINE WATER ...Acid Mine Wastes; Benefit-cost Analysis; Drainage; Mining Industry; Waste Treatment Economics; ...2.1391

TREATMENT OF ACID MINE DRAINAGE-SULFUR AND IRON RECOVERY ...Acid Mine Wastes; Combustion; Distillation; Waste Material Recovery; Waste Water Treatment -general; ...2.1397

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Acid Mine Drainage; Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Lakes; Mining Industry; Physical Water Properties; Waste Water Treatment -general; ...2.1551

TREATMENT OF BEAN HOUSE WASTES FROM A VEGETABLE TANNERY ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Electrochemistry; Tannery Wastes; ...3.0262

NEUTRALIZATION OF ROTENONE WITH ACTIVATED CHARCOAL ...Carbon; Fish; Pesticide Residues Removal; Pesticides - see Pesticide; Rotenone; ...4.0776

Neutron -see Radiation

BIOLOGICAL EFFECTS OF IMPLANTED NUCLEAR ENERGY SOURCES FOR ARTIFICIAL HEART DEVICES (ABBREV) ...Californium; Canidae; Isotopes Development; Protons; Strontium; Yttrium; ...5.0054

TISSUE CULTURE RESEARCH AND PLANS FOR ITS EXTENSION ...Californium; Cellular Repair Mechanisms; Ionic Effect; Plants; Radiation Effects - Biological; Radium; ...5.0056

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Environmental Hazards; Ionizing Radiation -see Rad.; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

STUDIES ON THE EFFECTS OF NEUTRON IRRADIATION ON SEEDS ...Bulgaria; Foreign Agriculture; Hordeum Vulgare; Plants; Temperature - Air; ...5.0102

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Foreign Agriculture; Germany; Plants; ...5.0264

ANALYSIS OF PARAMETERS INFLUENCING CARCINOGENESIS ...Muridae; Radiation Carcinogenesis; X and Gamma Rays; ...5.0271

NEUTRON AND GAMMA RAY TOXICITY STUDIES EMPLOYING THE JANUS BIOLOGY REACTOR COMPLEX ...Accident; Aging; Digestive System - Human; Occupational Hazards; Radiation Effects - Biological; Radiation, Lethal Dose; Rodentia -other; ...5.0278

HISTOPATHOLOGICAL CHANGES IN LABORATORY ANIMALS EXPOSED TO PROTRACTED LOW-LEVEL TOTAL-BODY NEUTRONS AND GAMMA RAYS ...Mammals - nonspecific; Radiation, Low Level; Radiation, Whole Body; ...5.0306

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Plants; Radiation Effects -see Rad.; Seeds; ...5.0319

STUDIES ON NEUTRON IRRADIATION OF SEEDS ...Foreign Agriculture; Italy; Plants; ...5.0328

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

RADIATION EFFECTS ON MAMMALIAN TUMOR CELLS ...Cancer; Cellular Repair Mechanisms; Radiation; Radiation Sensitivity -man; Radiation, Lethal Dose; Radiation, Low Level; X and Gamma Rays; ...5.0360

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Foreign Agriculture; Netherlands; Plants; ...5.0419

INFLUENCE OF HIGH LET RADIATIONS ON DIVISION DELAY AND SURVIVAL OF MAMMALIAN CELLS IN VITRO ...Cancer; Cellular Repair Mechanisms; Cobalt; Ionic Effect; Vertebrates Excl. Man; X and Gamma Rays; ...5.0461

GENETIC EFFECTS OF X-RAY EXPOSURE ON LONGEVITY ...Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0470

RBE OF MONOENERGETIC NEUTRONS ...Bacteria -nonspecific; Invertebrates; Muridae; Radiation; Radiation, Low Level; ...5.0486

THEORETICAL INVESTIGATION OF ELECTRON LET SPECTRA AND DOSE RELATIONSHIP FOR IONIZING RADIATIONS ...Beta Particles; Dosimetry; Metabolism and Biochemistry; Permeability; Radiation Chemistry -biophys.; Spectrographic Techniques; ...5.0492

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Gases; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

THE GENETIC EFFECTS OF IONIZING RADIATION IN DROSOPHILA MELANOGASTER ...Invertebrates; Lethal Mutation; X and Gamma Rays; ...5.0526

EXPERIMENTAL RADIATION CARCINOGENESIS ...Beta Particles; Chemical Carcinogenesis; Co-carcinogenesis; Muridae; Radiation Carcinogenesis; Radiation Sensitivity -man; Radiation, Low Level; ...5.0531

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Plants; Radiation Effects -see Rad.; Seeds; ...5.0532

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS (ABBREV) ...Arabidopsis; Fast Neutrons; Physical Mutagenesis; Radiation Effects -see Rad.; Zea Mays - Field Corn; ...5.0533

RADIATION CYTOGENETICS OF HIGHER PLANTS ...Arabidopsis; Growth; Protons; Somatic Mutation; Zea Mays - Field Corn; ...5.0534

EFFECTS OF PRENATAL AND EARLY POSTNATAL IRRADIATION ...Aviation Medicine; Developmental Physiology; Muridae; Radiation Effects - Biological, Radiation, Whole Body; ...5.0571

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Foreign Agriculture; Philippines; Plants; ...5.0597

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Plants; Radiation Effects -see Rad.; Seeds; ...5.0601

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...China; Chlorophyll; Foreign Agriculture; Hordeum Vulgare; Oryzeae; Plants; X and Gamma Rays; ...5.0602

EFFECTIVENESS AND EFFICIENCY OF PHYSICAL AND CHEMICAL MUTAGENS ...Chemical Mutagenesis; Hordeum Vulgare; Physical Mutagenesis; Radiation Effects -see Rad.; Temperature - Air; ...5.0613

RESPONSE OF HORTICULTURAL PLANTS TO ACUTE GAMMA RADIATION ...Labiatae; Physical Mutagenesis; Plants; Radiation, Whole Body; Rate of Mutation; X and Gamma Rays; ...5.0614

NEOPLASMS AFTER FISSION NEUTRON IRRADIATION ...Muridae; Radiation Carcinogenesis; Radiation, Low Level; Radiation, Whole Body; Tumor Pathology; ...5.0623

COMPARISON OF DOSE FRACTIONATION AND PROTRACTION AND RBE FOR LATE SOMATIC EFFECTS IN MICE IRRADIATED WITH FAST NEUTRONS ...Muridae; Radiation Effects - Biological; Radiation, Whole Body; X and Gamma Rays; ...5.0636

LETHAL EFFECTS OF NEUTRONS TO THE MOUSE ZYGOTE AND EARLY EMBRYO ...Muridae; Radiation Effects - Biological, Radiation, Lethal Dose; X and Gamma Rays; ...5.0637

THE TIME COURSE OF RECOVERY FROM GAMMA RAYS AND FISSION NEUTRONS ...Injury -animal; Muridae; Vertebrates Excl. Man; X and Gamma Rays; ...5.0653

EARLY EFFECTS OF 14 MEV NEUTRON IRRADIATION IN SWINE ...Cell Injury and Autolysis; Injury and Shock; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0660

LATE EFFECTS OF WHOLE-BODY GAMMA AND MIXED NEUTRON-GAMMA IRRADIATION ON LARGE ANIMALS ...Equidae; Radiation, Lethal Dose; Radiation, Whole Body; Vertebrates Excl. Man; X and Gamma Rays; ...5.0661

CONTROL AND MODIFICATION OF SEED RADIOSENSITIVITY ...Allium; Hordeum Vulgare; Oryzeae; Physical Mutagenesis; Plants; ...5.0664

THE EFFECTS OF FAST NEUTRONS ON PLANT GROWTH AND MUTATIONS ...Mutagenesis -nonspecific; Plants; ...5.0665

TISSUE CULTURE STUDIES IN LARGE ANIMALS ...Radiation Effects - Biological, Somatic Mutation; Sus; ...5.0670

RADIATION EFFECTS ON MATURE CHICKENS ...Cobalt; Gallus Domesticus; Radiation, Lethal Dose; Radioactive Pollutions; Vertebrates Excl. Man; X and Gamma Rays; ...5.0680

BIOLOGICAL EFFECTS OF RADIATION EXPOSURES FROM LONG DURATION FLIGHTS AND REPEATED MISSIONS IN LOW DOSE LEVEL ENVIRONMENTS ...Altitude; Beta Particles; Military Personnel; Nuclear Warfare; Pilots; Radiation, Low Level; X and Gamma Rays; ...5.0704

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION OF SEEDS ...Foreign Agriculture; Plants; Venezuela; ...5.0728

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Plants; Radiation Effects -see Rad.; Seeds; ...5.0731

NEUTRON DOSE BELOW 500 KEV IN A CRITICALITY ACCIDENT (PART OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY) (ABBREV) ...Accident; Dosimetry; Energy Conversion; Fast Neutrons; Nuclear Reactors; Radioactive Hazard; ...5.0793

DEPTH DOSE PARAMETERS FOR FAST NEUTRONS IN TISSUE ...Cancer; Dosimetry; Fast Neutrons; Mammals -nonspecific; Radiation Injury Prevention; Yeasts -nonspecific; ...5.0797

RADIATION PROTECTION AND MEASUREMENT ...Disposal Methods; Food Contamination; Particle Accelerators; Radiation Shielding; Radioactive Isotopes; Strontium; X and Gamma Rays; ...5.0808

DOSIMETRY ...Americum; Fast Neutrons; Ionizing Radiation -see Rad.; Muridae; Plutonium; Radiation Penetration; X and Gamma Rays; ...5.0830

RESEARCH WITHIN THE FRAMEWORK OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY ...Accident; Dosimetry; Instrumentation; Radiation Instruments; Radiologic Health; ...5.0839

NEUTRON ACTIVATION ANALYSIS ...Activation Analysis; Dosimetry; Iodine; ...5.0857

RADIATION DOSIMETRY ...Beta Particles; Energy Conversion; Radiation Sources -general; Scintillation Counting; Thermal Neutrons; X and Gamma Rays; ...5.0861

BIOLOGICAL AND CLINICAL DOSIMETRY ...Atomic Particle Accelerators; Dosimetry; Fast Neutrons; Monitors and Automatic; Neutron Detectors; ...5.0872

INFLUENCE OF RADIATION QUALITY AND DOSE RATE ON EARLY AND LATE EFFECTS IN CELL-RENEWAL SYSTEMS IN THE MAMMAL ...Developmental Biology -general; Dose Rate, Dose Fractionation; Dosimetry; Fast Neutrons; Mammals - nonspecific; Radiation; X and Gamma Rays; ...5.0891

IN-VIVO NEUTRON ACTIVATION ...Americum; Calcium; Chlorine; Fast Neutrons; Iodine; Models (physical) of Anim.&man; Neutron Generator; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Radiation, Whole Body; ...5.0896

COMPUTER APPLICATIONS ...Californium; Computer Methods - general; Data & Statistics Info Storage; Data Reduction and Analysis; Dose Rate, Dose Fractionation; Man Machine Systems; ...5.0897

RELATIONSHIP OF PLOIDY, CHROMOSOME SIZE AND RADIOSENSITIVITY ...Cell Injury and Autolysis; Cobalt; Pollens -see Air Pollution; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0899

RADIATION DETECTORS FOR USE IN NUCLEAR/CRITICALITY ACCIDENT DOSIMETRY ...Accident; Detectors; Dosimetry; Instrumentation; Neutron Detectors; Radioactive Hazard; Sulfur; ...5.0916

RADIATION DOSIMETRY RESEARCH ...Alpha Particles; Detectors and Sensors; Fast Neutrons; Human Developmental Biology; Models (physical) of Anim.&man; Radiation Carcinogenesis; Radiologic Health; X and Gamma Rays; ...5.0924

HEALTH PHYSICS RESEARCH REACTOR AND MONOENERGETIC RADIATIONS FACILITY ...Dosimetry; Ionizing Radiation -see Rad.; Radiation Injury Prevention; Radioactive Hazard; Spectrographic Techniques; Van De Graaff Accelerator; X and Gamma Rays; ...5.0925

CORRELATION OF DEPTH DOSE DISTRIBUTION PATTERNS WITH BIOLOGICAL EFFECTS IN SWINE FOR CO-60 GAMMA RAYS, 14 MEV NEUTRONS AND FISSION NEUTRONS ...Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0941

RADIATION SAFETY COMMITTEE (U-109) ...Fast Neutrons; Ionizing Radiation -see Rad.; Radiation Injury Prevention; Radioactive Hazard; Radioisotopes -nonspecific; Radiologic Health, X and Gamma Rays; ...5.0950

INVESTIGATIONS OF THERMOLUMINESCENT RADIATION DOSIMETRY ...Chemical Dosimetry; Dosimetry; Instrumentation; Photochromism; Thermoluminescent Detectors; ...5.0964

Neutron Detectors

RADIATION DOSIMETRY ...Beta Particles; Energy Conversion; Neutron -see Radiation; Radiation Sources -general; Scintillation Counting; Thermal Neutrons; X and Gamma Rays; ...5.0861

BIOLOGICAL AND CLINICAL DOSIMETRY ...Atomic Particle Accelerators; Dosimetry; Fast Neutrons; Monitors and Automatic; ...5.0872

RADIATION DETECTORS FOR USE IN NUCLEAR/CRITICALITY ACCIDENT DOSIMETRY ...Accident; Detectors; Dosimetry; Instrumentation; Radioactive Hazard; Sulfur; ...5.0916

INVESTIGATIONS OF THERMOLUMINESCENT RADIATION DOSIMETRY ...Chemical Dosimetry; Dosimetry; Instrumentation; Neutron -see Radiation; Photochromism; Thermoluminescent Detectors; ...5.0964

Nevada

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Model Studies; Precipitation Forecasting; Radioactive Fallout; Seismology; Weather Forecasting; ...1.0021

GEOCHEMICAL EXPLORATION STUDIES OF VOLATILE ELEMENTS ...Arizona; Colorado; Maps -general; Utah; ...1.0029

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Carbonates; Chemical Effects; Forecasting - Prediction; Groundwater Movement; Mass Transfer; Nuclear; Petrology; Seismology; Water Pollutants - Path of; ...2.0062

LARGE IMPOUNDMENTS - EUTROPHICATION OF LAS VEGAS BAY, LAKE MEAD ...Arid and Desert Regions; Data Acquisition; Salinity (water); Water Quality Control -general; ...2.0064

GEOLOGIC INVESTIGATIONS, NEVADA TEST SITE ...Alluvium - Alluvial; Borehole Geophysics; Faults - Geology; Water Table; ...2.0070

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River; Mathematical Models; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; Zooplankton; ...2.0477

LIMNOLOGICAL INVESTIGATIONS OF LAKE MEAD ...Chemical Water Properties; Lakes; Physical Water Properties; Water Pollution Effects; Water Quality -general; ...2.0667

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Data Reduction and Analysis; Forecasting - Prediction; Groundwater; Land Use; Mans Pollutional Activities; Sewage; Waste Disposal-see Solid Waste; Water Quality -general; ...2.1054

EFFECT OF WATER MANAGEMENT ON QUALITY OF GROUND WATER AND SURFACE RECHARGE IN LAS VEGAS VALLEY ...Groundwater; Management (water); Recharge (water); Water Pollutants - Path of; Water Resources Planning; ...2.1866

USER ATTITUDES TOWARD WATER QUALITY AND PRICE ...Attitudes & Attitude Change; Price & Value -see Economics; Social Aspects; Survey Studies (water); Water Costs; Water Quality -general; ...2.1867

GEOCHEMISTRY OF MERCURY ...Genetic Relationships; Geochemical Investigations; Idaho; Mercury; Mineral Associations; Reconnaissance Studies; ...3.0023

METEOROLOGY FOR NUCLEAR TESTING ...Aleutian Islands; Computer Models; Forecasting - Prediction; Mississippi; Radioactive Fallout; Solar Radiation -sunshine; Weather Forecasting; ...5.0003

STUDIES OF DEPOSITION AND REDISTRIBUTION OF DEBRIS FROM SPECIFIC NUCLEAR EVENTS ...Air Pollution Analysis; Analytical Instruments; Atmospheric Dynamics; Micrometeorology; Model Studies; Radioactive Fallout; Radioactivity; ...5.0005

CENTRAL NEVADA GEOLOGIC INVESTIGATIONS ...Drilling and Coring; Geologic Maps; Geology -general; Local Stratigraphy; Maps -general; Seismology; Structural Analysis - Geology; ...5.0020

EFFECTS OF NUCLEAR TESTING ON VASCULAR PLANT AND RODENT POPULATIONS, NEVADA TEST SITE, NYE COUNTY, NEVADA ...Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Rodentia -other; X and Gamma Rays; Zygophyllaceae; ...5.0147

VASCULAR PLANT AND RODENT PARAMETERS IN 68 MOJAVE AND GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, SOUTHERN NEVADA, 1962-70 ...Animal Productivity; Deserts, Arid Lands; Plants; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Vertebrates Excl. Man; ...5.0148

A SURVEY OF CHEMICAL AND PHYSICAL PROPERTIES OF SOILS AT THE NEVADA TEST SITE ...Arid and Desert Regions; Plant Species Diversity; Soil Chemical Properties; Soil Types -also See Specifics; ...5.0153

EFFECTS OF RADIATION FROM NUCLEAR EXPLOSIONS ON NATURAL VEGETATION ...Geochemical Investigations; Nuclear Detonations; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Seismology; ...5.0203

HUMAN RADIATION STUDIES ...Atomic Bomb; Iodine; Radiation Dose Studies-general; Radiation Sensitivity -man; Respiratory Disease; ...5.0372

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Succession; Radiation Effects -see Rad.; Radioactive Contamination; Radioecology - Plants; Soil - Crop Relationships; Soil Environment -other; Translocation; ...5.0422

PRECIPITATION, AIR TEMPERATURES, SOIL MOISTURE, & GAMMA RADIATION, IN 68 MOJAVE & GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, 1962-70 (ABBREV) ...Air Pollution Sampling; Population Dynamics -general; Precipitation Amount; Radioactive Pollution -ns; Soil Moisture; Temperature; ...5.0787

New Hampshire

DEVELOPMENT OF ANALYTICAL METHODS FOR AIR POLLUTION ANALYSIS ...Air Pollution-chemistry; Trace Analysis; ...1.0715

WATER POLLUTION FROM SANITARY LANDFILLS ...Groundwater; Landfills -see Water Pollution; Massachusetts; Sanitary Landfills; Solid Waste; Waste Disposal on Soils; ...2.0181

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN NEW HAMPSHIRE ...Cooperative Studies; Mans Pollutional Activities; Permeability; Soil Permeability; Water Pollutants - Path of; ...2.0184

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ...Agricultural Watersheds; Deposition-general; Hydraulics; New England Province; Physical Properties; Sediments; Snowmelt; Suspension; ...2.0406

ENVIRONMENTAL REQUIREMENTS OF SELECTED ESTUARINE CILIATED PROTOZOA ...Estuaries; Marine Environments; Swamps - Marshes; Water Pollutant Identification; ...2.0668

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; Recreation, Water Resources; Sprinkler Irrigation; Types; Water Quality Control - general; ...2.1868

A COMPENDIUM OF WATER LAW AND ECONOMICS IN NEW HAMPSHIRE ...Easements - Right of Ways; Economic Efficiency; Economic Impact; Legal Review; Public Access; Water Quality -general; Water Transfer; ...2.1869

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology; Geological Exploration; Lead; Massachusetts; Rocks - Bedrock; Streams; Surveying; Waste Disposal-see Solid Waste; ...3.0162

New Jersey

CHANGING VEGETATION AND ATMOSPHERIC POLLEN ...Air Pollution -see Specifics; Economics of Natural Resources; Lakes; Plant Competition; Pollen -see Pollen; Rural Areas; Urban Environment; Wind -see Air Motion; ...1.0076

EVALUATION OF CONTRIBUTIONS OF VEHICULAR EXHAUST AND OTHER SOURCES TO ATMOSPHERIC LOADINGS OF POLLUTANTS IN THE N.Y.C. - N.J. AREA ...Air Pollution Sampling; Atmospheric Dynamics; Combustion; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0099

FACTORS IN RESPONSE OF AUSTRIAN PINE TO AIR POLLUTION ...Air Pollution -see Specifics; Herbicides and Other Chem; Pinus Nigra, ...1.0366

RELATIONSHIPS BETWEEN CERTAIN AIR POLLUTANTS AND VARIOUS METEOROLOGICAL FACTORS ...Air Pollution; Air Pollution -see Specifics; Climates -general; Mathematical Models; Models of Biological Systems; Weather Forecasting; Wind; ...1.0371

MEASURE AND COMPARE REACTIVITIES AND COMPOSITION OF AIR PARCELS FROM BAYONNE, LINDEN, WILLOWBROOK, AND BRONX (ABBREV) ...Air Pollution Sampling; Constants; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0903

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography; Forecasting - Prediction; Land Use; River Basins; Urban Environment; Urban Research; Water Pollution Sources; Water Utilization -domestic; ...2.0251

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ...Acidity (water); Aquatic Soils; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Plant Distribution; Temperature (water); ...2.0674

DYNAMICS OF BIOCHEMICAL OXYGEN DEMAND ...Benthic Organisms -nonspecific; Carbon; Model Studies; Nitrogen and Nitrogen Cpds.; Organic Matter; Scouring; ...2.0676

UPPER DELAWARE WASTE ASSIMILATIVE CAPACITY MODEL ...Acidity (water); Biological Water Properties; Delaware River; Sewage - Domestic; Waste Disposal-see Solid Waste; ...2.0678

SURVEY OF LAKE NO. 1, WINSLOW TRACT ...Aquatic Ecology - Animal; Chemical Analysis (water); Electro-fishing; Lakes; Nets; Water Utilization -animal; ...2.0679

TIME-OF-TRAVEL MEASUREMENTS IN NEW JERSEY STREAMS ...Dispersion (water); Dyes; Suspension; Water Pollutants - Path of; ...2.0680

RECOVERY, SEPARATION AND IDENTIFICATION OF PHENOLIC COMPOUNDS, NEW JERSEY ...Chemical Analysis (water); Distillation; Infrared Spectroscopy; Separation; Ultraviolet Spectroscopy; ...2.0681

TIDAL DISCHARGE RESEARCH, NEW JERSEY ...Data Acquisition; Estuaries; Suspension; Water Quality -general; ...2.0682

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

PHOTOSYNTHETIC REAERATION IN THE UPPER PASSAIC RIVER ...Aeration (water); Chemical Treatment (water); Oxygen Content (water); Photosynthesis; Streams & Rivers; Water Purification; ...2.1056

INSTREAM AERATION AND PARAMETERS OF NITROGENOUS BIOCHEMICAL OXYGEN DEMAND ...Aeration (water); Algal Physiology; Systems Analysis - Water Mgmt; Turbidity (water); Water Quality Control -general; ...2.1057

ACID WATER TROUT STUDIES ...Acidity (water); Environmental Ecology; Neutralization; Population Dynamics -general; Water Pollutant Identification; Water Table; ...2.1059

NEUTRALIZATION EXPERIMENTS ..Acidity (water); Aquatic Ecology - Animal; Fish; Lime Treatment; Recreation, Water Resources; ...2.1060

REACTION CAPACITY OF STREAMS IN NEW JERSEY ...Aeration (water); Water Quality Control -general; ...2.1061

HYDROGRAPHY OF NEW YORK BIGHT IN RELATION TO OFFSHORE WASTE DISPOSAL ...Atlantic Ocean; Density; Ocean Hydrodynamics; Salinity; Temperature; Waste Disposal-see Solid Waste; Water Movement -general; ...2.1332

DEEPWATER PILOT PLANT ENGINEERING AND INTERCEPTOR FEASIBILITY STUDY ...Biochemical Oxygen Demand; Delaware Bay; Dye Wastes; Industrial Wastes; Pilot Plants; Waste Treatment Economics; ...2.1340

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bays; Ecological Effects; Energy Conversion; Invertebrate Physiology; Long Island Sound; Mollusca; Population Dynamics - general; Temperature (water); Zooplankton; ...2.1638

EFFECTS OF SEWAGE SLUDGE ON FINFISH AND BENTHIC AND PLANKTONIC COMMUNITIES ...Atlantic Ocean; Benthic Organisms -nonspecific; Ecological Effects; Sewage; ...2.1639

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fish; Industrial Wastes; Marine Animals; Mineralogical Water Properties; Physiological Effects; Zooplankton; ...2.1640

New Mexico

EUTROPHICATION OF PONDS IN SOME NEW MEXICO LAVA BEDS ...Eutrophication; Petrology; Plant Productivity -general; Ponds; Primary Productivity - Plants; ...2.0059

SOIL AND WATER MANAGEMENT FOR SALINITY CONTROL - PHASE II ...Groundwater; Leaching; Pesticides -nonspecific; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; Water Pollutants - Path of; ...2.0253

POLLUTION STUDIES OF THE REGIONAL OGALLALA AQUIFER AT PORTALES, NEW MEXICO ...Aquifers; Bacterial Pollutant Sources; Coliforms -nonspecific; Pseudomonas; Sewage Bacteria; ...2.0254

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Bed Load; Conservation -see Soil Conser.; Erosion; Gully Or Channel Erosion; Sediment Yield; Semi - Arid Regions; Streams; ...2.0255

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Bioassays; Coliforms -nonspecific; Data Reduction and Analysis; Microorganisms -nonspecific; Rumen Bacteria; Water Pollution -see Specifics; Water Quality -general; Water Utilization -domestic; ...2.0684

EVALUATION OF PUMPING EFFECTS IN MALAGA BEND AREA, NEW MEXICO ...Aquifers; Brines; Desalination; Saline Water Intrusion; Seepage (water); Water Table; ...2.0920

CHANNELIZATION STUDIES ...Channel Geometry; Fluid Mechanics; Reservoirs and Impoundments; Sedimentation; Sediments; Water Resources Protection; ...2.1062

GEOLOGY OF URBAN DEVELOPMENT ...Building Design; Environmental Geology; Land Use; Urban Research -general; ...2.1803

FATE OF POLLUTANTS IN GROUND WATER ...Aquifers; Groundwater; Pesticides -see Pesticide; Texas; Water Wells; ...4.0062

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

New York

THERMAL MODIFICATION ...Aerosols; Cirrus; Great Lakes -see Specific Lake; Heat Balance - Budget; Humidity - Water Vapor; Solar Radiation -sunshine; Temperature; Weather Modification; ...1.0024

A STUDY OF THE FACTORS CONTROLLING THE FORMATION OF LARGE NUMBERS OF CONDENSATION NUCLEI IN CLEAN GLOBAL AIR ...Adirondack Province; Effects; Fog, Haze, Mist; Heat Transmission; Nucleation; Nucleation Physics; Organic Compounds; ...1.0082

EVALUATION OF CONTRIBUTIONS OF VEHICULAR EXHAUST AND OTHER SOURCES TO ATMOSPHERIC LOADINGS OF POLLUTANTS IN THE N.Y.C. - N.J. AREA ...Air Pollution Sampling; Atmospheric Dynamics; Combustion; New Jersey; Nitrogen and Nitrogen Cpds.; Urban Research - general; ...1.0099

RESPIRATORY FINDINGS AND URBAN LIVING ...Air Pollution -see Specifics; District of Columbia; Maryland; Respiratory Disease; Urban Environment; ...1.0207

AIR POLLUTION AND EMERGENCY ROOM VISITS ...Air Pollution; Air Pollution -see Specifics; Community Health Services; ...1.0227

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN NEW YORK CITY, NEW YORK ...Air Pollution -see Specifics; Air Pollution Monitoring; Urban Environment; Weather Data; ...1.0229

CONTINUE QUANTITATIVE STUDIES OF RAGWEED POLLEN IN SARATOGA SPRINGS, NEW YORK IN RELATION TO DIURNAL VARIATIONS, LOCATION AND OTHER CONDITIONS ...Air Pollution Sampling; Atmospheric Dynamics; Diel,

Diurnal Distribution; Humidity - Water Vapor; Pollen -see Pollen; Temperature d Air; ...1.0256

EFFECTS OF PARTICULATES ON SOILING OF BUILDING MATERIALS ...Air Pollution-chemistry; Alabama; Construction Materials; Corrosion, Deterioration; Particulates - Air Pollution; ...1.0387

THE ORGANIZATIONAL FACTORS IN AIR POLLUTION CONTROL ...Air Pollution; Air Pollution -see Specifics; Government - see Federal Gov.; Legal Studies; Organizational Research; Urban Environment; Urban Research -general; ...1.0483

STUDY OF THE LEGAL AND INSTITUTIONAL ARRANGEMENTS FOR AIR POLLUTION CONTROL IN THE NEW YORK METROPOLITAN AREA ...Air Pollution; Legal Studies-general; ...1.0493

AIR POLLUTION CONTROL IN THE NEW YORK METROPOLITAN AREA ...Air Pollution; Legal Studies; Urban Environment; Urban Research -general; ...1.0494

MEASURE AND COMPARE REACTIVITIES AND COMPOSITION OF AIR PARCELS FROM BAYONNE, LINDEN, WILLOWBROOK, AND BRONX (ABBREV) ...Air Pollution Sampling; Constants; New Jersey; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0903

CHEMISTRY OF ATMOSPHERIC PRECIPITATION ...Chemical Analysis -general; Chemical Water Properties; North Carolina; Precipitation; Virgin Islands; ...2.0092

CANADARAGO LAKE EUTROPHICATION STUDY ...Agricultural Runoff; Biological Water Properties; Data Acquisition; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Soil Tillage; Urban Runoff; ...2.0256

BUFFALO RIVER OIL POLLUTION PROGRAM ...Data Reduction and Analysis; Oil Removal; Petroleum Wastes - Spillage; Water Pollution Abatement; ...2.0258

EUTROPHICATION TIDAL WATERS ...Algal Physiology; Brackish Water; Estuaries; Marine Plants; Optical Properties of Water; Tidewater Areas; ...2.0262

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Algal Physiology; Environmental Influences; Eutrophication, Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Phytoplankton; Temperature (water); ...2.0263

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological Effects; Eutrophication; Microorganisms -nonspecific; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus - nonspecific; ...2.0264

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Cladocera; Eutrophication; Percidae; Plankton Sampling; Primary Productivity - Plants; Zooplankton; ...2.0265

EUTROPHICATION AS A PROBLEM IN THE FINGER LAKES ...Acidity (water); Chlorophyll; Eutrophication; Oxygen Content (water); Transparency; Water Properties -general; ...2.0267

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Coastal Engineering -general; Eutrophic Lakes; Eutrophication; General Recreation Studies; Plant Productivity -general; Turbidity (water); Waves -see Ocean Waves; ...2.0271

EXTENT OF LAKE ONTARIO POLLUTION CAUSED BY THE OSWEGO RIVER ...Aquatic Ecology - Animal; Ecological Effects; Lakes; Marine Environments; Pollution Effects -see Water; Range Or Territorial Distr.; Waste Dilution- Self Purifying; ...2.0272

URBANIZATION AND ITS EFFECT ON STREAM TEMPERATURE ...Heat Balance - Budget; Mans Pollutional Activities; Radiation Instruments -atmos.; Thermal Pollution; Urban Research -general; ...2.0407

POLLUTION CONTROL IN THE MARITIME ENVIRONMENT ...Harbors; Marine Pollution; Water Pollution Sources; ...2.0533

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; Land Use; Plants - Dicotyledons; Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

A STUDY OF THE NUTRIENT INPUTS INTO CAYUGA LAKE AND SENECA LAKE ...Chemical Analysis (water); Lakes; Nutrients; Precipitation; Watersheds; ...2.0690

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Habitat Studies; Boat Discharges; Forecasting - Prediction; Mathematical Models; Swamps - Marshes; Water Bacteria; Waterfowl -nonspecific; ...2.0693

MONITORING WATER EFFLUENTS FROM A NUCLEAR POWER PLANT ...Atomic Plants; Effluents - Waste Water; Energy Conversion; Water Pollutants - Path of; ...2.0697

ECOLOGY OF YEASTS IN LAKE CHAMPLAIN ...Acidity (water); Bioindicators; Plant Freshwater Ecology; Temperature (water); Water Pollutant Identification; ...2.0700

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties -general; Water Standards & Baselines; ...2.0701

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

EVALUATION OF LOW-FLOW AUGMENTATION ON THE CHEMISTRY AND BIOLOGY OF THE BUFFALO RIVER, BUFFALO, NEW YORK ...Biological Water Properties; Chemical Analysis (water); Chemical Water Properties; Industrial Wastes; Sediments; Sewage; Water Supply Augmentation; ...2.1064

WASTE DISPOSAL BY HYDRAULIC FRACTURING ...Drilling and Coring; Radioisotopes; Recovery - Production; Seismology; Waste Disposal, Underground; Water Pollution Sources; ...2.1165

ADVANCED WASTE TREATMENT FOR WATER RECLAMATION AND REUSE BY INJECTION ...Aquifers; Effluent-standards; Groundwater; Optimization, Economic; Water Reuse; ...2.1347

COORDINATED MANAGEMENT AND DESIGN OF METROPOLITAN AREA WATER SUPPLY AND WASTE WATER DISPOSAL NETWORKS - A LINKED SYSTEMS ANALYSIS ...Management (water); Model Studies; Optimization, Economic; Sewer Systems; Systems Analysis - Water Mgmt; Urban Research -general; Water Distribution Systems; ...2.1349

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Benthic Organisms -nonspecific; Disposal; Harbors; Industrial Wastes; Marine Biology - General; Marine Pollution; Ocean Dumping; Sea Water Properties; Solid Waste; ...2.1353

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology - Animal; Embryology -basic; Environmental Physiology; Fish Food Supply -other; Micropterus Salmoides; Temperature (water); Water Pollution Effects; Water Quality -general; ...2.1649

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER ...Aquaria; Captive Rearing; Energy Conversion; Fish Farming; Marine Animals; Temperature (water); Water Utilization -animal; ...2.1653

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING ...Benefit-cost Analysis; Demand and Use -recreation; Fishing; Recreation, Outdoor; Recreation, Water Resources; Survey - Recreation; Urban Environment; User Expenditures; ...2.1877

A STUDY OF POTENTIAL INSTITUTIONAL ARRANGEMENTS FOR WATER POLLUTION CONTROL IN THE HUDSON-MOHAWK RIVER BASIN ...Administration and Management; Government -see Federal Gov.; Hudson River; Organizational Research; River Basins; Water Quality -general; Water Resources Development; ...2.1878

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Recreation, Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization -domestic; ...2.1881

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Confidence Intervals; Digital Computer Applications; Hudson River; Monte Carlo Methods; Optimization Technique; River Basins; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

EFFECT OF MUNICIPAL SEWAGE PLANT EFFLUENT UPON AQUATIC SNAIL POPULATIONS ...Aquatic Ecology - Animal; Chlorine; Ecological Effects; Lake Champlain; Mercury; Pollution Effects -see Water; Sewage; ...3.0053

WEST COXSACKIE PROJECT - HIGH-PERFORMANCE BIO-TREATMENT OF MUNICIPAL SEWAGE ...Activated Sludge; Aerobic Waste Water Treatment; Chlorination; Oxidation; Precipitation; Process Design; Sewage - Domestic; ...3.0225

A PRESSURE SEWER SYSTEM DEMONSTRATION ...Public Utilities; Pumps; Sanitary Sewage Quantity; Sewer Interceptor Station; Sewer Systems; Storm Sewer Quantity; ...3.0226

ACID EMULSION BREAKING - ACTIVATED SLUDGE FOR BAKERY WASTE ...Activated Sludge; Disposal; Groundwater; Waste Water Treatment -general; ...3.0230

PEAT STUDIES ...Environmental Geology; Maryland; Peat; Pennsylvania; Sediment Lithification; West Virginia; ...3.0365

AN EVALUATION OF THE INSECTICIDE 'SEVIN' AS A WATERSHED POLLUTANT ...Environment Accumulation Rates; Pesticide Residues; Population Dynamics -general; Soil Types -also See Specifics; Water Pollutants - Path of; ...4.0057

New Zealand

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE ...Activation Analysis; Atmospheric Dynamics; Bromine; Chlorine; Iodine; Trace Elements; Urban Research - general; ...1.0137

DISTRIBUTION OF RADIONUCLIDES IN A SERIES OF OCEAN WATER PROFILES AND SURFACE WATER STATIONS IN THE SOUTH PACIFIC OCEAN ...Pacific Ocean; Radioactivity; ...2.0278

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish; Marine Animals; Marine Environments; Marine Photography-Television; Ocean Circulation -general; Ocean Currents; Pacific Ocean; Radioactivity; Vertical Distribution; ...2.0972

Nitrogen and Nitrogen Cpds.

COMBUSTION GAS COMPOSITION ...Air Pollution-chemistry; Chromatography; Combustion; Engines; Infrared Spectroscopy; Mass Spectroscopy; Ultraviolet Spectroscopy; ...1.0065

AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Combustion; Energy Conversion; Fuels; Mass Spectroscopy; Photochemical Reactions; Wall Effects; ...1.0069

KINETICS OF NO AND CO FORMATION IN COMBUSTION GASES ...Air Pollution-chemistry; Cars; Combustion; Fuels; Rate of Reaction; Turbines; ...1.0060

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Combustion Air Pollution-gen; Gases; Macrometeorology; Meetings; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics; ...1.0061

NITROGEN-OXIDE KINETICS IN AUTO COMBUSTION EXHAUST ...Air Pollution Control Systems; Air Pollution-chemistry; Combustion; Engines; Kinetics; ...1.0074

GASOLINE COMPOSITION AND VEHICLE EXHAUST GAS POLYNUCLEAR AROMATIC CONTENT ...Air Cleaning Devices; Air Pollution-chemistry; Chemical Analysis -general; Combustion; Engines; Fuels; ...1.0075

NON-EQUILIBRIUM EFFECTS IN AN INTERNAL COMBUSTION ENGINE ...Air Pollution-chemistry; Combustion; Engines; Kinetics; ...1.0083

ASSIST OCS IN THE DEVELOPMENT OF COMPUTERIZED SYSTEM FOR PROJECTING MOTOR VEHICLE EMISSIONS AND SUPPLY ADJUNCT ANALYSES ...Air Pollution, Characteristics; Engine; Traffic Engineering; Trucks; ...1.0093

TESTING OF CONVENTIONAL AND EXPERIMENTAL OIL AND GAS BURNERS ...Air Pollution-chemistry; Boilers; Burners; Fuels; Furnaces and Incinerators; Heating Units; Photography; ...1.0096

UPDATE NAPCA DATA FILE OF NATION-WIDE EMISSIONS ...Air Pollution-chemistry; Combustion; Fluorine; Lead; Particulates - Air Pollution; Refuse Dumps; Statistics; ...1.0098

EVALUATION OF CONTRIBUTIONS OF VEHICULAR EXHAUST AND OTHER SOURCES TO ATMOSPHERIC LOADINGS OF POLLUTANTS IN THE N.Y.C. - N.J. AREA ...Air Pollution Sampling; Atmospheric Dynamics; Combustion; New Jersey; Urban Research -general; ...1.0099

ENGINEERING STUDIES RELATED TO THE TECHNIQUES AND INSTRUMENTATION USED FOR FUEL AND FUEL ADDITIVE EVALUATIONS ...Air Pollution Monitoring; Air Pollution Sampling; Air Pollution-chemistry; Chemical Analysis - general, Combustion; Fuels; Meteorological Studies; ...1.0100

URBAN RADIATION ...Air Pollution-chemistry; Humidity - Water Vapor; Radiation -terrestrial; Solar Radiation -sunshine; ...1.0103

EVALUATE FEASIBILITY AND NATURE OF A POSSIBLE PARTICULATE STANDARD FOR MOTOR VEHICLES ...Air Pollution; Cars; Fuels; Lead; Particulates - Air Pollution; Visibility; ...1.0108

MODEL RESIDUAL OIL COMBUSTOR ...Air Pollution-chemistry; Combustion; Fuels; Particulates - Air Pollution; ...1.0114

PRODUCTS OF COMBUSTION OF DISTILLATE FUELS FOR MOTIVE POWER ...Buses; Combustion; Diesel Equipment; Fuels; Odor; Trucks; ...1.0124

CHARACTERISTICS AND PHOTOCHEMICAL REACTIVITY OF FUEL COMPONENTS AND COMBUSTION PRODUCTS ...Air Pollution-chemistry; Combustion; Gas Chromatography; Photochemical Reactions; Rate of Reaction; ...1.0127

RESEARCH INITIATION - PHOTOOXIDATION IN HYDROCARBON-NITROGEN OXIDE SYSTEMS. A CHARCTERIZATION OF REACTOR WALL EFFECTS ...Air Pollution-chemistry; Oxidation; Photochemical Reactions; Radiation; Reactors; Temperature; Wall Effects; ...1.0129

KINETICS OF NITRIC OXIDE AT HIGH TEMPERATURES ...Air Pollution-chemistry; Combustion; Degradation; Mechanism Determination; Rate of Reaction; Temperature; ...1.0130

CATALYTIC DECOMPOSITION OF NITROGEN OXIDES ...Catalysts; Combustion; Degradation; Fuels; Inert Atmosphere; Infrared Spectroscopy; ...1.0133

VENTILATION DURING TUNNEL CONSTRUCTION ...Air Pollution-chemistry; Dust; Legal Studies-general; Particulate Matter - Air Poll.; Smoke -see Air Pollution; Tunnels; ...1.0140

TVA PLUME STUDIES ...Air Pollution-chemistry; Combustion; Furnace and Incinerator Design; Particulates - Air Pollution; Power Plants; ...1.0141

CONDUCT A STUDY OF EMISSIONS FROM OFF HIGHWAY INTERNAL COMBUSTION ENGINES (GASOLINE AND DIESEL) ...Air Pollution-chemistry; Combustion; Engines; Fuels; Spark Ignition; ...1.0148

PARAMETRIC STUDY OF PETROL ENGINE PERFORMANCE, EFFICIENCY AND EXHAUST COMPOSITION ...Air Pollution-chemistry; Combustion; Engine; Engines; Spark Ignition; ...1.0150

ATMOSPHERIC FLUIDS PROVENANCE USING STABLE ISOTOPES ...Air Pollution; Air Pollution-chemistry; Chemical Composition; Isotope Tracer -see Tracers; ...1.0153

KINETICS OF NITROGEN-OXIDE AUTOMOTIVE POLLUTION ...Air Pollution-chemistry; Combustion; Degradation; Engine; Engines; Fuels; Rate of Reaction; ...1.0163

CHEMISTRY OF SULFUR IN HOT COMBUSTION GASES ...Adsorption; Air Pollution-chemistry; Catalysis, Heterogeneous; Chemical Mechanisms & Kinetics; Kinetics; Oxidation; Temperature Effects; ...1.0164

COMBUSTION PROCESS ANALYSIS ...Combustion; Engine; Engines; Kinetics; ...1.0166

INTERACTION OF ELECTRON ACCEPTORS WITH CHLORPROMAZINE ...Air Pollution-chemistry; Electroanalyses; Muridae; Spectrographic Techniques; Sulfur Dioxide; Temperature - Human Body; ...1.0177

INHALATION OF WHOLE SMOKE, SYNTHETIC SMOG, & AMBIENT AIR ON THE RESPIRATORY TRACT & OTHER ORGANS OF PATHOGEN-FREE MICE (ABBREV) ...Aerosols; Carbon Monoxide; Muridae; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0179

RESPIRATORY TRACT AIR POLLUTANTS AND BIOLOGICAL AGENTS ...Air Pollution -see Specifics; Caviidae; Diplococcus Pneumoniae; Muridae; Pleuropneumonia Group; Respiratory Disease; Smog -see Air Pollution; Sulfur Dioxide; ...1.0180

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aircraft; Aviation Medicine; Detectors and Sensors; Military Personnel; Sulfur Dioxide; Tobacco -cigars; Toxic Substances; ...1.0194

STUDIES OF ENVIRONMENTAL AIR POLLUTANTS ...Air Pollution -see Specifics; Amphibians; Carbon; Experimental Teratology; Mammals -nonspecific; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0198

O3 & NO2 TOXICITY IN NORMAL & ANTIOXIDANT-FED ANIMALS ...Air Pollution -see Specifics; Muridae; Radioisotopes -nonspecific; ...1.0202

FUNCTIONAL ADAPTATIONS TO ATMOSPHERIC CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution-chemistry; Carbon Monoxide; Mammals -nonspecific; Psychology; Toxicology; ...1.0210

PULMONARY REACTIONS TO GASEOUS ENVIRONMENTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Gases; Respiratory Irritants, Inhaled; Toxicology; ...1.0222

INFLUENCE OF AIRBORNE FACTORS ON LUNG CLEARANCE ...Aerosols; Asbestos; Respiratory Disease; Sulfur Dioxide; ...1.0235

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE USE OF REACTIVITY SCALES FOR PREDICTING CHEMI-

CAL REACTIVITIES OF HC-NOX MIXTURES ...Aerosols; Air Pollution -see Specifics; Aldehydes -nonspecific; Dosimetry; Light-catalyzed; Ultra Violet Radiation; ...1.0238

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE REACTIVITY OF BENZALDEHYDE-NO AIR MIXTURES ...Aerosols; Air Pollution-chemistry; Chemical Analysis -general; Combustion; Light-catalyzed; Oxidants; ...1.0239

A REPORT ON THE RELATIONSHIP BETWEEN NO2 AIR POLLUTION & LOWER RESPIRATORY TRACT INFECTIONS (ABBREV) ...Air Pollution -see Specifics; Respiratory Disease; ...1.0251

IMMINENT AND SUBSTANTIAL ENDANGERMENT TO HEALTH ...Air Pollution; Air Pollution -see Specifics; Air Pollution Effects; Environmental Hazards; Fluorine; Lead; ...1.0263

CONTINUE COLLECTION OF DATA ON THE EFFECTS OF CHRONIC EXPOSURE OF BEAGLE DOGS TO NITROGEN OXIDES AND/OR AUTO EXHAUST ...Air Pollution -see Specifics; Auto Exhaust -see Air Poll.; Canidae; Respiratory Irritants, Inhaled; ...1.0271

A STUDY OF ACUTE RESPIRATORY ILLNESS IN RELATION TO NITROGEN OXIDES AIR POLLUTION LEVELS IN CHATTANOOGA, TENNESSEE ...Air Pollution; Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Respiratory Disease; Respiratory Irritants, Inhaled; Tennessee; ...1.0274

STUDIES DESIGNED TO IDENTIFY & QUANTIFY THE EFFECTS OF OXIDANT, NOX AND HYDROCARBON AIR POLLUTANTS ON HUMAN HEALTH (ABBREV) ...Air Pollution -see Specifics; Air Pollution Effects; ...1.0275

PHAGOCYTOSIS AND BACTERIAL KILLING BY ALVEOLAR MACROPHAGES ...Air Pollution -see Specifics; Amino Triazole, Laboratory Animals; Mammals -nonspecific; Pesticide Action on Animals; Phagocytosis; Sulfur Dioxide; ...1.0282

EYE IRRITATION RESPONSE MEASUREMENTS FOR EVALUATION OF PHOTOCHEMICAL REACTIVITIES OF HYDROCARBON-NO-AIR AND BENZALDEHYDE-NO-AIR MIXTURES ...Air Pollution -see Specifics; Air Pollution-chemistry; Aldehydes -nonspecific; Oxidants, Photochemical Reactions; Radiation -see Specifics; Sulfur Dioxide; ...1.0283

ABSORPTION OF POLLUTANTS IN THE RESPIRATORY TRACT ...Air Pollution -see Specifics; Felidae; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0290

ESR STUDIES OF BIOCHEMICAL EFFECTS OF ATMOSPHERIC POLLUTANTS ...Air Pollution-chemistry; Free Radical Reactions; Gases; Respiratory Irritants, Inhaled; Tobacco -cigarettes; Tobacco Products &/or Smoking; ...1.0299

AIR POLLUTION EFFECTS ON AIRBORNE RESPIRATORY DISEASE ...Air Pollution -see Specifics; Respiratory Irritants, Inhaled; Sulfur Dioxide; Temperature & Humidity Effects; Urban Environment; ...1.0304

A BIOLOGIC INDICATOR FOR AIR POLLUTION ...Air Pollution -see Specifics; Cavidae; Environmental Effects - Human; Occupational Hazards; Rural Areas; ...1.0317

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY - COTTON ...Aging; Air Pollution -see Specifics; Gossypium; Herbicides and Other Chem. Nitrogen Metabolism; Pathological Physiology; Plant Pathology - Env. Relat.; ...1.0322

EFFECT OF AIR POLLUTANTS AND OF OTHER ENVIRONMENTAL FACTORS ON PLANT CELL AND TISSUE GROWTH ...Air Pollution -see Specifics; Cellular Biosynthesis; Growth; Nicotiana; Plant Response to Env. -ns; ...1.0323

INFLUENCE OF ENVIRONMENT, CHEMICAL ADDITIVES AND AIR POLLUTANTS ON APPARENT PHOTOSYNTHESIS AND RESPIRATION ...Absorption (incl. Adsorption); Industrial Pollution -general; Lactuca; Parathion; Phaseolus; Respiration; ...1.0324

THE TOTAL EFFECT OF AIR POLLUTANTS ON BEARING CITRUS ...Air Pollution -see Specifics; California; Citrus; Fluorine; Fruit, Nut, and Berry Crops; Herbicides and Other Chem; Plant Response to Env. -ns; ...1.0325

PHYSIOLOGICAL RESPONSES OF PLANTS TO TOXIC AIR POLLUTANTS ...Adenosine Triphosphate; Enzymes; Lycopersicum; Mineral Nutrition; Pathological Physiology; Pinus Nigra, Respiration; Vegetables; ...1.0365

MT STORM - W VIRGINIA - GARRETT COUNTY - MARYLAND ABATEMENT ACTION - FIELD INVESTIGATION ...Air Pollution-chemistry; Chemical Analysis -general; Dust; Fluorine, Industrial Pollution -general; Leaf Analysis; Monitoring; ...1.0399

CONTROLLED ENVIRONMENT STUDIES ON METAL CORROSION CAUSED BY AIR POLLUTION ...Air Pollution Effects; Coatings -see Materials; Gases; X-ray Spectroscopy; ...1.0405

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Chlorine; Industrial Pollution -general; Lycopersicum; Nicotiana; Northeast U. S.; ...1.0418

EFFECTS AND FATE OF AIR POLLUTANTS ...Absorption (incl. Adsorption); Carbon Monoxide; Growth; Herbicides and Other Chem; Plant Physiological Ecology; Sulfur Dioxide; Transpiration and Evap; ...1.0430

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Mathematical Models; Moisture; Urban Research -general; ...1.0433

DEVELOPMENT OF A PACKAGE OF ECONOMICALLY IMPORTANT MATERIALS TO MONITOR THE DAMAGING EFFECTS OF AIR POLLUTION ...Air Pollution Effects; Air Pollution Monitoring, Air Pollution-chemistry; Corrosion, Deterioration; Particulates - Air Pollution; ...1.0460

DEVELOP REFERENCE AIR QUALITY VALUES ...Air Pollution -see Specifics; Air Pollution-chemistry; Carbon Monoxide; Fluorine; Lead; Respiratory Irritants, Inhaled; ...1.0524

DEVELOPMENT OF REFERENCE AIR QUALITY STANDARDS ...Air Pollution -see Specifics; Air Pollution Effects; Fluorine; Lead; ...1.0525

REVIEW AND PREPARATION OF CRITERIA DOCUMENTS FOR NO, F, ODORS (INCLUDING H2S) HCL, CL2 (GAS) ...Chlorine; Corrosion, Deterioration; Fluorine; Gases; Noise -see Noise; ...1.0526

AIR POLLUTION CONTROL BY CATALYSIS ...Air Pollution-chemistry; Catalysts; Combustion; Fuels; Oxidation; Reduction Reactions; ...1.0535

REDUCTION OF NITRIC OXIDE BY GRAPHITE ...Adsorption; Air Pollution-chemistry; Combustion; Kinetics; Rate of Reaction; Reduction Reactions; ...1.0540

RESEARCH INITIATION - APPLICATION OF HIGH VOLTAGE ELECTRIC FIELDS TO THE REMOVAL OF SO2 AND NO2 FROM COMBUSTION EFFLUENT ...Combustion; Electric Field; Energy Conversion; Humidity; Sulfur Dioxide Removal; ...1.0549

REDUCTION OF ATMOSPHERIC POLLUTION BY THE APPLICATION OF FLUIDIZED-BED COMBUSTION ...Coal; Combustion Air Pollution-gen; Gases; Mechanism Determination; Oil and Natural Gas - Sulfur; ...1.0550

A MODEL FOR AIR POLLUTION CONTROL ...Air Poilution; Air Pollution-chemistry; Economic Theory; Gases; Mathematical Models; Model Studies; Particulates - Air Pollution; Weather Data; ...1.0551

FUNDAMENTAL STUDIES ON THE PROCESS FOR REMOVING NOX FROM FLUE GASES ...Chemical Effects; Chemical Mechanisms & Kinetics; Combustion; Scrubbers; Sulfur Dioxide Removal; ...1.0555

CONTROL OF NOX EMISSIONS FROM AIRCRAFT GAS TURBINES ...Air Pollution-chemistry; Combustion; Turbines; ...1.0557

SO2 AND NOX REMOVALS FROM STACKS GASES BY CO ...Air Pollution-chemistry; Catalysis, Heterogeneous; Catalytic; Combustion; Kinetics; ...1.0561

RECOVERY OF NITROGEN AND SULFUR OXIDES FROM BOILER FLUE GASES ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Pilot Plants; Waste Material Recovery; ...1.0565

ADSORPTION RATE STUDIES - AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Gases; Packed Bed Reactor; Sulfur Dioxide Removal; ...1.0569

CATALYTIC MEDIA TO REDUCE NOX EMISSIONS FROM GASOLINE ...Air Pollution-chemistry; Catalysts; Combustion; Fuels; ...1.0578

FUEL INJECTION ...Air Cleaning Devices; Combustion; Engines; Fuel Induction Devices; Spark Ignition; ...1.0579

SYSTEMS STUDY OF NITROGEN OXIDES CONTROL METHODS FOR STATIONARY SOURCES ...Air Pollution-chemistry; Energy Storage -general; Furnaces and Incinerators; ...1.0586

FUEL MODIFICATION FOR ABATEMENT OF AIRCRAFT ENGINE EMISSIONS ...Air Pollution-chemistry; Catalysts; Combustion; Fuels; ...1.0589

REVERSIBLE METAL COMPLEXES WITH AIR POLLUTANTS ...Absorption - Chemistry; Air Pollution-chemistry; Catalysts; Chelation & Complexing; Kinetics; Sulfur Dioxide Removal; ...1.0597

GAS CLEANING PROCESS STUDIES ...Adsorption; Air Cleaning Devices; Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Kinetics; Scrubbers; Waste Material Recovery; ...1.0602

CONTROL OF COMBUSTION CHEMISTRY - KINETICS AND CATALYST ...Air Pollution-chemistry; Catalysts; Combustion;

Combustion Air Pollution-gen; Fuels; Kinetics; Particulates - Air Pollution, ...1.0607

APPLIED SCRUBBER RESEARCH FOR CONTROL OF SOX AND NOX ...Adsorption; Mass Transfer; Pilot Plants; Rate of Reaction; Scrubbers; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0609

SOME TRANSITION METAL CHEMISTRY AND STRUCTURES OF COMPLEXES INVOLVING TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Chelation & Complexing; Infrared Spectroscopy; Rate of Reaction; Ultraviolet Spectroscopy; ...1.0619

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Chemical Regeneration; Combustion; Reduction Reactions; Thermal Regeneration; ...1.0633

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GAS--PART C ...Adsorption; Catalysts; Energy Conversion; Mass Spectroscopy; Spectrographic Techniques; Waste Material Recovery; ...1.0635

INCLUSION ADDUCTS FOR AIR PURIFICATION ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Phosphorus and Phosphorus Cpds; ...1.0636

USE OF ELECTRIC FIELDS IN COMBUSTION ...Air Pollution-chemistry; Combustion; Electric Field; Furnace and Incinerator Design; Furnaces; Incineration; Pilot Plants; ...1.0638

THE BINDING AND ACTIVATION OF SMALL COVALENT MOLECULES BY TRANSITION METAL COMPLEXES ...Air Pollution-chemistry; Chelation & Complexing; ...1.0641

STUDIES ON AEROSOLS OF SIZES DOWN TO 0.05 MICRON ...Aerosols; Air Pollution-chemistry; Coalescence; Light-catalyzed; Photolysis; ...1.0649

DEFINE AND DEVELOP UNIFORM PROCEDURES FOR MEASURING PERFORMANCE EVALUATION PROCEDURES FOR CONTINUOUS ATMOSPHERIC ANALYZERS ...Absorption - Chemistry; Air Pollution Analysis; Air Pollution-chemistry; Detectors and Sensors; Gases; Instrument Services; Oxidants; ...1.0671

HIGH RESOLUTION IR ABSORPTION SPECTRA OF GAS POLLUTANTS AT AMBIENT CONDITIONS AND TO INCLUDE SO2, NO, NO2, NH3, HNO3, C2H4 INITIALLY ...Air Pollution-chemistry; Infrared Spectroscopy; ...1.0685

DETERMINE THE FEASIBILITY OF USING NO2 PERMEATION TUBES AS PRIMARY STANDARDS FOR TRACE GAS ANALYSIS ...Air Pollution-chemistry; Trace Analysis; ...1.0693

USE OF SOLID STATE DETECTORS IN AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Detectors and Sensors; Electrical Phenomena; Lead; Trace Analysis; ...1.0709

FEASIBILITY OF RAMAN SCATTER TECHNIQUE FOR REMOTE MONITORING OF NO AND SO2 IN STACK EMISSIONS ...Air Pollution-chemistry; Combustion; Detectors and Sensors; ...1.0718

ENGINE EXHAUST EMISSIONS MEASUREMENT SYSTEM ...Engines; Turbines; ...1.0719

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution Control Systems; Air Pollution-chemistry; Chemical Analysis - general; Combustion; Energy Conversion; Engines; Inorganic Gases; Radiometric Analysis; ...1.0721

ADAPTATION OF OXIDES OF NITROGEN ANALYTICAL METHOD TO LIGHT DUTY VEHICLE EXHAUST EMISSION PROCEDURE ...Air Pollution; Air Pollution Analysis; Cars; Chemical Analysis -general; Combustion; Gases; ...1.0726

DEVELOPMENT OF ANALYTICAL TECHNIQUES BASED ON HOMOGENEOUS GAS PHASE LUMINESCENT REACTIONS ...Air Pollution-chemistry; Chemical Analysis -general; ...1.0736

EMISSION INVENTORIES OF FEDERAL FACILITIES IN AQCR'S ...Air Pollution-chemistry; Combustion; Data Reduction and Analysis; Exhaust; Combustion -see Auto; Furnaces; Smoke - see Air Pollution; Statistics; ...1.0768

OPERATE A NATIONAL NETWORK FOR INTERMITTENT SAMPLING OF GASEOUS POLLUTANTS ...Absorption - Chemistry; Air Pollution-chemistry; Data & Statistics Info Storage; Mercury; ...1.0772

DEVELOPMENT OF HEAVY HYDROCARBON ANALYZER AND EVALUATION OF CONTINUOUS OXIDES OF NITROGEN ANALYZER FOR ADVANCED POWER PLANT STUDIES ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Fuels; Power Plants -see Specifics; ...1.0778

EVALUATION OF METHODS FOR DETERMINATION OF NITROGEN OXIDES IN AUTOMOTIVE EMISSIONS ...Air Pollution-chemistry; Combustion; Electroanalyses; Infrared Spectroscopy; Ultraviolet Spectroscopy; ...1.0795

DEFINITION OF OXIDE OF NITROGEN STANDARD ...Air Pollution-chemistry; Chemical Analysis -general; ...1.0796

ANALYZE SAMPLES FOR SO2 AND NO2 ...Absorption - Chemistry; Air Pollution-chemistry; Data & Statistics Info Storage; ...1.0801

EVALUATION OF ADVANCED SPECTROSCOPIC TECHNIQUES ...Air Pollution-chemistry; Microwave Spectroscopy; ...1.0804

DEVELOP TECHNIQUES FOR STORING CHEMICAL INFORMATION PROPORTIONAL TO 24-HOUR AVERAGE CONCENTRATIONS OF SO2 AND NOX ...Absorption - Chemistry; Air Pollution Monitoring; Air Pollution-chemistry; Gases; ...1.0805

DEVELOPMENT AND TESTING OF A FLAME PHOTOMETRIC DETECTOR DESIGNED TO MEASURE OXIDES OF NITROGEN ...Air Pollution-chemistry; Detectors and Sensors; Emission Spectroscopy; ...1.0806

FRABRICATION AND EVALUATION OF A PORTABLE FLAME PHOTOMETRIC DETECTOR DESIGNED TO MEASURE SO2 AND NOX IN STACK PLUMES ...Air Pollution-chemistry; Combustion; Detectors and Sensors; Emission Spectroscopy; ...1.0807

EVALUATION OF ELECTROCHEMICAL SENSORS FOR SOURCE CONCENTRATIONS OF SO2 AND NOX ...Air Pollution-chemistry; Combustion; Electroanalyses; Energy Conversion; Sulfur Dioxide Removal; ...1.0808

DEVELOP NOX MEASUREMENT PROCEDURE FOR FEDERAL REGISTER ...Air Pollution-chemistry; Chemical Analysis - general; ...1.0811

DEVELOP EMISSION RATES FOR MOBILE SOURCES ...Combustion; Lead; Sulfur Dioxide Removal; ...1.0812

DETERMINE TIME-CONCENTRATION-FREQUENCY RELATIONSHIPS IN AQCR'S FOR SOX, PARTICULATES, NO, HC, CO AND OXIDANTS ...Atmospheric Dynamics; Chemical Analysis -general; Energy Conversion; Gases; Oxidants; Particulates - Air Pollution; Sulfur Dioxide Removal; ...1.0813

ANALYZE SAMPLES FOR SO2 AND NO2 ...Absorption - Chemistry; Air Pollution-chemistry; Data & Statistics Info Storage; ...1.0823

AIR MONITORING INSTRUMENT LOAN AND CONSULTATION TO ESTABLISH DATA BASE IN AQAR'S ...Air Pollution Monitoring; Air Pollution-chemistry; Fuels; Oxidation; Particulates - Air Pollution; ...1.0828

DEVELOPMENT OF A MULTICOMPONENT DEVICE FOR 24-HOUR CUMULATIVE MEASUREMENTS OF SO2 AND NOX ...Detectors and Sensors; Electroanalyses; Energy Conversion; Sulfur Dioxide Removal; ...1.0838

AIR POLLUTION FROM MINING, PROCESSING, AND UTILIZATION OF MINERALS AND FUELS ...Air Pollution Monitoring; Combustion Air Pollution-gen; Mineral Processing Industry; Monitoring; Remote Sensing; ...1.0842

DEVELOP & IMPLEMENT OPERATIONAL SYSTEM FOR EVALUATING & COLLABORATIVELY TESTING METHODS RECOMMENDED FOR AIR POLLUTION MEASUREMENT (ABBREV) ...Air Pollution; Air Pollution Analysis; Aldehydes - nonspecific; Carbon Monoxide; Lead; Methane; Particulates - Air Pollution; ...1.0843

HETEOGENEOUS REACTIONS IN AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Corrosion, Deterioration; Oxidation; Zinc; ...1.0861

PHOTOCHEMISTRY OF SUBSTANCES PRESENT IN URBAN AIR ...Air Pollution-chemistry; Mechanism Determination; Oxidation; Photochemical Reactions; Rate of Reaction; Spectrographic Techniques; Urban Research -general; ...1.0862

CATALYTIC REDUCTION OF OXIDES OF NITROGEN ...Air Pollution-chemistry; Catalysis, Heterogeneous; Catalytic; Rate of Reaction; ...1.0863

PHOTOLYTIC OXIDATION IN THE PRESENCE OF NO2 ...Air Pollution-chemistry; Light-catalyzed; Mechanism Determination; Oxidation; Photolysis; Rate of Reaction; Urban Research -general; ...1.0864

CATALYSTS FOR AUTOXIDATION OF TOXIC GASES ...Air Pollution-chemistry; Autooxidation; Catalysts; Catalytic; Chelation & Complexing; ...1.0866

MECHANISMS OF PHOTOCHEMICAL REACTIONS IN URBAN AIR ...Aerosols; Air Pollution-chemistry; Lead; Oxidation; Particulates - Air Pollution; Photochemical Reactions; Urban Research -general; ...1.0869

PHOTOCHEMICAL REACTIONS IN A FLOW REACTOR ...Aerosols; Flow Reactor; Infrared Spectroscopy; Light-catalyzed; Photochemical Reactions; ...1.0871

AIR POLLUTION CHEMISTRY BY PHOTOFRAGMENT SPECTROSCOPY ...Air Pollution-chemistry; Functions and Properties; Photolysis; ...1.0873

TRACER STUDIES IN AIR POLLUTION - SULFUR DIOXIDE ...Aerosols; Catalysis, Heterogeneous; Energy Conversion; Isotope Tracer -see Tracers; Rate of Reaction; ...1.0875

OXIDATION MECHANISMS ON SUPPORTED CHROMIA CATALYSTS ...Air Pollution-chemistry; Catalysis, Heterogeneous; Combustion; Infrared Spectroscopy; Oxidation; Photochemical Reactions; ...1.0884

ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF THE REACTION KINETICS OF MAJOR AIR POLLUTANTS ...Air Pollution; Chemical Mechanisms & Kinetics; Fuels; Kinetics; Shock-wave; ...1.0885

E.P.R. STUDY OF PHOTOREACTIONS IN THE ATMOSPHERE ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Oxidation; Spectrographic Techniques; ...1.0895

ASPECTS OF CHEMICAL REACTIONS OF AIR POLLUTANTS ...Air Pollution-chemistry; Degradation; Kinetics; Photochemical Reactions; ...1.0900

STUDY OF THE EFFECT OF CARBON MONOXIDE ON THE RATE OF PHOTOOXIDATION OF HYDROCARBONS IN THE PRESENCE OF ULTRAVIOLET LIGHT & OXIDES OF NITROGEN ...Air Pollution-chemistry; Impurity; Light-catalyzed; Oxidation; Rate of Reaction; ...1.0901

EVALUATION OF THE EFFECTS OF SO2 AND NO ON THE PHOTOCHEMICAL REACTIVITY OF AIR PARCELS OF THE N.Y.C. - N.J. AREA ...Air Pollution-chemistry; Oxidants; Photochemical Reactions; Rate of Reaction; ...1.0902

MEASURE AND COMPARE REACTIVITIES AND COMPOSITION OF AIR PARCELS FROM BAYONNE, LINDEN, WILLOWBROOK, AND BRONX (ABBREV) ...Air Pollution Sampling; Constants; New Jersey; Rate of Reaction; ...1.0903

TRANSITION METAL CHEMISTRY OF TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Catalysis, Heterogeneous; Chelation & Complexing; Oxidation; Reduction Reactions; ...1.0904

ELEMENTARY REACTIONS IN PHOTOCHEMICAL SMOG ...Air Pollution-chemistry; Atmospheric Dynamics; Photochemical Reactions; Rate of Reaction; Smog; ...1.0907

MECHANISMS OF PHOTOCHEMICALLY INITIATED OXIDATION ...Air Pollution-chemistry; Mechanism Determination; Oxidation; Photochemical Reactions; Rate of Reaction; ...1.0908

MATRIX-ISOLATED SPECTRA OF NITROGEN OXIDES ...Air Pollution-chemistry; Kinetics; Light-catalyzed, Photolysis; Temperature Effects; ...1.0909

CONVERSION OF NO TO NO2 IN POLLUTED ATMOSPHERES ...Air Pollution-chemistry; Oxidation; Photochemical Reactions; Photolysis; Quantum Yield; Rate of Reaction; Urban Research - general; ...1.0912

THE REACTON OF METALLOPORPHYRINS WITH AIR POLLUTANTS ...Air Pollution-chemistry; Degradation; Spectrographic Techniques; ...1.0913

DYNAMICS OF THE NITROGEN CYCLE IN LAKES ...Algal Physiology; Analysis and Detection; Denitrification -see Nitrogen; Eutrophication; Hydrogen; Nitrogen Cycle -see Denitrif.; Plant Productivity -general; Sub - Polar Regions; ...2.0009

THE INFLUENCE OF DECOMPOSING SALMON ON WATER CHEMISTRY ...Alaska; Chemical Water Properties; Food Processing Industries; Nutrients; Physiological Effects; Water Pollutants - Path of; ...2.0010

DISTRIBUTION OF ORGANICS FROM SALMON DECOMPOSITION ...Alaska; Carbon; Chemical Effects; Estuaries; Nitrogen; Organic Matter; Water Pollutants - Path of; ...2.0011

CHEMISTRY OF ATMOSPHERIC PRECIPITATION ...Chemical Analysis -general; Chemical Water Properties; New York; North Carolina; Precipitation; Virgin Islands; ...2.0092

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; Water Quality -general; ...2.0098

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

A STUDY OF THE EFFECTS OF ISLAND DEVELOPMENT ON LAKE WATER QUALITY ...Acidity (water); Economics -recreation; Lakes; Plankton; Recreation, Water Resources Types of Resources; ...2.0115

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AS AFFECTED BY IRRIGATION ...Aquifers; Chemical Analysis (water); Fertilizers; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.0121

ROLE OF NITROGEN FERTILIZERS IN WATER POLLUTION, AS AFFECTED BY RATE AND TIME OF APPLICATION ...Drainage; Fertilizers; Illinois; Water Pollutants - Path of; ...2.0135

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water); Alkalinity (water); Chemical Water Properties: Drainage; Drainage Engineering; Mineralogical Water Properties; Pesticide Residues; Phosphorus and Phosphorus Cpds; Zea Mays - Field Corn; ...2.0149

WATER POLLUTION AND ITS CONTROL BY MICROBIAL METABOLIC ACTIVITIES ...Acid Mine Drainage; Cellular Metabolism - Controls; Chemical Effects; Nitrogen Bacteria; Sulfur Bacteria; Water Quality Control -general; ...2.0160

THE COLIFORM BACTERIA, PLANKTON, & RELATED PHYSICO-CHEMICAL FACTORS IN LAKE PONTCHARTRAIN AT NEW ORLEANS, LA ...Acidity (water); Bottom Sampling; Louisiana; Physical Water Properties; Sediments; Water; ...2.0164

WATER QUALITY DEGRADATION BY SEPTIC TANK DRAINAGE ...Degradation -see Pesticide Deg; Maine; Phosphorus and Phosphorus Cpds; Septic Tanks; Water Quality Control -general; ...2.0165

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control -general; ...2.0166

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Estuaries; Marine Environments; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Urban Research -general; ...2.0180

AN IN SITU EVALUATION OF NUTRIENT EFFECTS IN LAKES ...Chelation & Complexing; Ecological Effects; Lakes; Sewage; ...2.0192

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Sediments; Water Depth, Water Levels; ...2.0205

DEVELOPMENT OF A MATHEMATICAL MODEL TO PREDICT THE ROLE OF SURFACE RUNOFF AND GROUND WATER FLOW IN OVERFERTILIZATION OF SURFACE WATERS ...Agricultural Runoff; Eutrophication; Groundwater; Mathematical Models; Minnesota; Phosphorus and Phosphorus Cpds; Water Balance - Budget; ...2.0208

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Biological Effects; Cooperative Studies; Estuaries; Invertebrates -nonspecific; Mineralogical Water Properties; Size; Texture; ...2.0210

STUDIES ON INORGANIC NUTRIENT ASSIMILATION RATES IN ESTUARINE PONDS ...Estuaries; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Ponds; ...2.0212

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Loess; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Erosion; Forecasting - Prediction; Leaching; Model Studies; Rain; Soil Moisture; Temperature - Air; ...2.0250

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Algal Physiology; Environmental Influences; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Phytoplankton; Temperature (water); ...2.0263

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological Effects; Eutrophication; Microorganisms -nonspecific; Physical Water Properties; Streptococcus -nonspecific; ...2.0264

WATER CONTAMINATION BY FERTILIZER NITROGEN AND PHOSPHORUS ...Agricultural Runoff; Fertilizers; North Carolina; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Subsurface Runoff; ...2.0294

NUTRIENT EXCHANGES AND SOURCES OF NITROGEN AND PHOSPHORUS IN THE UPPER SHEYENNE RIVER WATERSHED ...Lakes; North Dakota; Nutrients; Phosphorus and Phosphorus Cpds; Reservoirs and Impoundments; Water Pollutant Identification; Watersheds; ...2.0296

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Chemical Properties; Eutrophication; Geochemical Analysis (water); Mineralogical Water Properties; Nutrients; Organic Properties; Soil Chemical Properties; Water Bacteria; ...2.0336

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

EFFECT OF DREDGING ON THE NUTRIENT LEVELS AND BIOLOGICAL POPULATIONS OF A LAKE ...Acidity (water); Biological Water Properties; Lakes; Nutrients; Phytoplankton; Silting (water) -see Sediment; Turbidity (water); ...2.0364

CHANGES IN WATER QUALITY PARAMETERS OF RESERVOIRS DURING REGULATED FLOW CONDITIONS ...Acidity (water); Chemical Analysis (water); Eutrophication; Organic Matter; Tennessee; Water Bacteria; Water Quality -general; ...2.0369

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Data Reduction and Analysis; Geology -general; Hydraulics; Texas; Water Pollution Sources; Water Supply -general; Water Wells; ...2.0375

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Chemical Oxygen Demand; Precipitation Gages; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Water Quality -general; ...2.0385

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

DETECTION OF LIMITING AND SURPLUS NUTRIENTS IN ALGAE ...Algae -nonspecific; Algal Physiology; Ecological Effects; Environmental Influences; Phosphorus and Phosphorus Cpds; ...2.0440

NITROGEN TRANSFORMATIONS IN LAKE SEDIMENTS ...Aquatic Soils; Eutrophic Lakes; Eutrophication; Lake Deposits; Nutrients; ...2.0445

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection; Chemical Water Properties; Growth; Lakes; Phosphorus and Phosphorus Cpds; Stratification (water); Temperature; ...2.0448

EUTROPHIC EVALUATION OF A SMALL MULTI-LAND USE WATERSHED ...Environmental Geology; Lake Michigan; Phosphorus and Phosphorus Cpds; Small Watersheds; Urban Environment; Wisconsin; ...2.0455

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Sampling; Types of Resources; Urban Research -general; Water Pollution Sources; ...2.0479

TASTES AND ODORS IN WATER SUPPLIES ...Actinomycetes - nonspecific; Algal Pollutant Sources; Potable Water; Taste & Odor of Water; Water Pollution -see Specifics; Water Quality - general; ...2.0486

ANALYTIC AND PROCESS CLASSIFICATION OF EFFLUENTS (ORGANIC NITROGEN IN ACTIVATED CARBON EFFLUENTS) ...Effluent-standards; Electrodialysis; Electrophoresis; Organics; Total Organic Carbon; Waste Water Treatment - general; ...2.0528

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU ...Aquatic Distribution; Bacterial Ecology; Bays; Hawaii; Intestinal Bacteria; Sewage; Water Pollutant Identification; ...2.0563

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Gases; Marine Biology - General; Marine Environments; Mass Spectroscopy; Ocean; Organic Water Properties; Particle - Gas Transfer; Radioactivity; Waste Management -see Specific; ...2.0564

QUALITY OF TILE EFFLUENT ...Chemical Analysis (water); Drainage; Effluents - Waste Water; Floods; Phaseolus; Phosphorus and Phosphorus Cpds; Soil Analysis; Zea Mays - Field Corn; ...2.0587

SEDIMENTOLOGY OF LOUISIANA'S ESTUARIES ...Aquatic Soils; Chemical Properties; Drilling and Coring; Louisiana; Sedimentation; Size; ...2.0604

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

PHYTOPLANKTONIC NITROGEN AS AN INDEX OF CULTURAL EUTROPHICATION ...Algal Physiology; Eutrophic Lakes; Eutrophication; Model Studies; Phytoplankton; Water Pollutant Identification; ...2.0637

NITRIFICATION IN SURFACE WATERS ...Algal Physiology; Chemical Analysis (water); Michigan; Nitrification; ...2.0638

A STUDY OF THE FACTORS DETERMINING THE OXYGEN UPTAKE OF BENTHAL STREAM DEPOSITS ...Acidity (water); Analysis and Detection; Exchange Capacity; Nutrients; Size; Water Properties -general; ...2.0675

DYNAMICS OF BIOCHEMICAL OXYGEN DEMAND ...Benthic Organisms -nonspecific; Carbon; Model Studies; New Jersey; Organic Matter; Scouring; ...2.0676

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

UPPER DELAWARE WASTE ASSIMILATIVE CAPACITY MODEL ...Acidity (water); Biological Water Properties; Delaware River; New Jersey; Sewage - Domestic; Waste Disposal-see Solid Waste; ...2.0678

DEVELOPMENT OF PROVISIONAL ALGAL ASSAY PROCEDURE ...Algae -nonspecific; Algal Physiology; Bioindicators; Nutrients; Phosphorus and Phosphorus Cpds; Statistics; Water Pollutant Identification; ...2.0707

DISSOLVED INORGANIC REMOVAL BIOASSAY OF ALGAL GROWTH POTENTIAL ...Algae -nonspecific; Algal Pollutant Sources; Cellular Metabolism - Controls; Tertiary Treatment; ...2.0718

DETECTION OF NUTRIENT LIMITATIONS OF ALGAL GROWTH IN SURFACE WATERS ...Algae -nonspecific; Algal Physiology; Eutrophication; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; ...2.0765

SURVIVAL OF INDICATOR ORGANISMS AND ENTERIC BACTERIA IN WATER ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Dyes; Lakes; Nutrients; Streptococc - Fecalis; Waste Water Treatment -general; ...2.0801

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Analysis and Detection; Element Ratios; Fluid Mechanics; Gulf of Mexico; Lakes; Organic Matter; Tracers; Water Pollution Sources; ...2.0823

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Columbia River; Electric Power Plants; Fishing; Heat Flow (water); Recreation, Water Resources; Types of Resources; Water Storage; ...2.0841

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; Sewage; ...2.0848

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algae -nonspecific; Algal Physiology; Contamination - Water; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Plant Physiological Ecology; Plant Species Diversity; Seasonal Distribution; Wisconsin; ...2.0853

NITROGEN REMOVAL AND IDENTIFICATION FOR WATER QUALITY CONTROL ...Analysis and Detection; Chemical Analysis (water); Nitrogen Bacteria; Ultrasonics; ...2.0956

LIMNOLOGY--NUTRIENT-BIOTIC RELATIONSHIPS IN THE UPLAKE REGION OF BEAVER RESERVOIR ...Animal Productivity; Benthic Organisms -nonspecific; Eutrophication; Phosphorus and Phosphorus Cpds; Plankton; Reservoirs and Impoundments; Water Properties -general; ...2.0961

THE INFLUENCE OF SOILS ON POLLUTION ...Adsorption; Drainage; Nutrients; Pesticide Degradation -see Deg; Pesticides - nonspecific; Soil Fertility; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1046

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon; Environmental Influences; Mineralogical Water Properties; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

NUTRIENT ASSIMILATION RATES - FIELD STUDIES ...Channels; Estuaries; Nutrients; Phosphorus and Phosphorus Cpds; Ponds; ...2.1052

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge, Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

A STUDY OF THE REMOVAL OF CARBONACEOUS, NITROGENOUS AND PHOSPHORUS MATERIALS FROM CONCENTRATED PROCESS WASTE STREAMS ...Digestion; Phosphorus and Phosphorus Cpds; Process Design; Waste Water Treatment -general; ...2.1164

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Algae -nonspecific; Environmental Influences; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Pilot Plants; Process Design; Turbidity (water); Waste Water Treatment - general; ...2.1170

DRAIN DESIGN FOR NITRATE REDUCTION IN GROUND WATER ...California; Drainage Engineering; Soil Organic Content; Water Table - Depth of; ...2.1171

NUTRIENT REMOVAL FROM AGRICULTURAL WASTE WATER ...Algae -nonspecific; Drainage; Groundwater; Nutrients; Water Pollution Sources; .2.1176

EFFECT OF PHOSPHORUS REMOVAL PROCESSES ON ALGAL GROWTH ...Algae -nonspecific; Eutrophication; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Waste Water Treatment -general; Water Resources Protection; ...2.1177

A STUDY OF THE EFFECT OF ULTRASONIC ENERGY ON WASTE WATER ...Acoustics; Disinfection; Fluid Mechanics; Organics; Ultrasonic Engineering; ...2.1178

BIOLOGICAL REMOVAL OF NITRATE ION ON BEDS OF ACTIVATED CARBON OR SAND ...Denitrification -see Nitrogen; Sand Filters; Waste Water Treatment -general; ...2.1186

STABILIZATION POND OPERATION IN TROPICAL AREAS ...Algae -nonspecific; Sewage Lagoons; Waste Management -see Specific; Water Depth, Water Levels; ...2.1216

ARMOUR INDUSTRIAL CHEMICAL SECONDARY WASTEWATER TREATMENT ...Aerobic Waste Water Treatment; Chemical Industry; Chemical Oxygen Demand; Food Processing Industries; Local Government; Pilot Plants; Water Pollution -see Specifics; ...2.1243

BIOMASS PRODUCTION FOR THE IMPROVEMENT OF THE QUALITY OF FOOD PROCESSING PLANT EFFLUENTS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Industrial Wastes; Waste Water Treatment - general; ...2.1260

REMOVAL OF ORGANIC AND EUTROPHYING POLLUTANTS BY COMBINED CHEMICAL AND BIOLOGICAL TREATMENT ...Biological Treatment-general; Chemical Treatment - general; Denitrification -see Nitrogen; Eutrophication; Organics; Sewage - Domestic; Waste Management -see Specific; ...2.1268

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Food Processing Industries; Gallus Domesticus; Infiltration; Percolation (water); Phosphorus and Phosphorus Cpds; Soil Moisture; Sprinkler Irrigation; Water Quality -general; ...2.1287

THE RATE OF NITROGEN AND PHOSPHORUS STRIPPING FROM SEWAGE LAGOONS BY AQUATIC ANGIOSPERMS ...Absorption (incl. Adsorption); Ceratophyllaceae; Haloragaceae; Nymphaeaceae; Phosphorus and Phosphorus Cpds; Ranunculaceae; Waste Water Treatment -general; ...2.1304

DEMONSTRATION OF THE CHANNEL AERATION PROCESS IN TREATMENT OF SEWAGE ...Aeration (water); Aquatic Plants -nonspecific; Effluents - Waste Water; Nutrients; Sewage; Viral Pollutant Sources; ...2.1310

FORAGE CROP IRRIGATION WITH OXIDATION POND EFFLUENT ...Agricultural Runoff; Coliforms -nonspecific; Furrow Irrigation; Mississippi; Phosphorus and Phosphorus Cpds; Sorghum; Storm Water; Water Table; ...2.1316

EVALUATION OF CURRENT TECHNIQUES OF NUTRIENT REMOVAL FROM WASTE WATERS ...Biological Treatment-general; Chemical Treatment -general; Phosphorus and Phosphorus Cpds; Waste Treatment Economics; ...2.1318

A NEW APPROACH FOR WATER RECLAMATION - COMPLETE TREATMENT OF WASTE WATER BY PHYSICO-CHEMICAL PROCESSES ...Bacteria; Denitrification -see Nitrogen; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Waste Water Treatment -general; ...2.1324

PERFORMANCE OF INTERMITTENT SAND FILTERS ...Effluents - Waste Water; Phosphorus and Phosphorus Cpds; Sand Filters; Water Pollution Abatement; ...2.1342

TERTIARY TREATMENT OF ANIMAL WASTE WATERS ...Aerobic Waste Water Treatment; Bos; Denitrification -see Nitrogen; Farm Animal Wastes; Precipitation; ...2.1346

REMOVAL OF NITROGEN COMPOUNDS FROM MUNICIPAL WASTEWATER ...Aeration; Biochemical Oxygen Demand; Denitrification -see Nitrogen; Pilot Plants; Urban Environment; Waste Water Treatment -general; ...2.1367

USE OF GRANULAR ACTIVATED CARBON IN TREATMENT OF WASTE WATERS ...California; Photometry; Thermal Regeneration; Waste Water Treatment -general; ...2.1368

PRECIPITATION OF PHOSPHATES FROM WATER WITH FERROUS SALTS ...Biochemical Oxygen Demand; Chemical Treatment -general; Flotation; Precipitation; ...2.1377

DEMONSTRATING THE EFFECT OF NUTRIENTS IN OXIDATION POND RECEIVING STREAMS ...Biochemical Oxygen Demand; Lagoon; Nutrients; Phosphorus and Phosphorus Cpds; Pond; Waste Water Treatment -general; ...2.1383

REMOVAL OF NITROGENOUS COMPOUNDS FROM A FERTILIZER PLANT EFFLUENT USING A MODIFIED OPERATION OF CONVENTIONAL WASTE TREATMENT SYSTEMS ...Aeration (water); Denitrification -see Nitrogen; Ion Exchange; Precipitation; Trickling Filters; ...2.1417

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Amaranthaceae; Effluent-standards; Eutrophication; Hydrocharitaceae; Physiography -general; Pontederiaceae, Sewage; ...2.1467

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Biological Water Properties; Circulation (water); Ecological Effects; Optical Properties of Water; Physical Water Proper-

ties; Plant Freshwater Ecology; Soil Tillage; Water Properties - general; ...2.1494

EFFECTS OF NUTRIENTS AND POLLUTANTS ON THE GROWTH OF MARINE PHYTOPLANKTON ...Algal Physiology; Marine Biology - General; Marine Pollution; Optical Properties of Water; Pacific Ocean; Temperature (water); ...2.1499

THE EFFECT OF POLLUTION ON THE DISTRIBUTION OF ALGAL PHYCO-VIRUSES IN RELATION TO POLLUTION OF THE CHRISTINA RIVER ...Acidity (water); Delaware; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.1522

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Pollution Effects -see Water; Pre-impoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1575

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

TOXIC ACTION OF WATER SOLUBLE POLLUTANTS ON FRESHWATER FISH ...Aquatic Ecology - Animal; Contamination - Water; Fresh Water; Physiological Effects; Pollution Effects -see Water; Salmo Gairdneri; ...2.1591

EFFECTS OF THERMAL AND OTHER FORMS OF POLLUTION ON SOME ANADROMOUS FISHES ...Aquatic Ecology - Animal; Environment Resistance-animals; Fresh Water; Pollution Effects -see Water; Salinity (water); Thermal Pollution; ...2.1641

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae; Eutrophication; Fertilizers -aquatic; Hydrocharitaceae; Nutrients; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Potamogetonaceae; ...2.1650

BIOLOGICAL NITROGEN FIXATION IN LAKES, PHASE II ...Algae - Cyanophyta; Eutrophic Lakes; Eutrophication; Hydrogenation; Nitrogen Metabolism; Water Utilization -plant; ...2.1779

PLANNING AND SPECIAL STUDIES ...Aeration (water); Meetings, Toxic Minerals; Water Quality -general; Water Resources Planning; ...2.1802

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

SLIME CONTROL ASSOCIATED WITH PULP MILL EFFLUENTS ...Bacterial Pollutant Sources; Carbon; Industrial Wastes; Process Design; Pulp and Paper Wastes; ...3.0038

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange; Maps -general; Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Sus; Wind -see Air Motion; ...3.0069

WASTE DISPOSAL IN RURAL AREAS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Connecticut; Farm Animal Wastes; Rural Areas; Septic Tanks; Waste Disposal on Soils; Water Pollutant Identification; ...3.0098

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Biochemical Oxygen Demand; Environment Resistance-animals; Farm Animal Wastes; Phosphorus and Phosphorus Cpds; Sewage Lagoons; Space Requirements; Taste & Odor of Water; ...3.0132

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Chemical Oxygen Demand; Farm Animal Wastes; Lagoon; Noise -see Noise; Recycle Water; Sus; ...3.0145

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Animal Wastes - Feed Lots; Chlorine; Farm Animal Wastes; Lysimeters; Percolation (water); Sprinkler Irrigation; Water Application Methods; ...3.0166

THE ELECTRO-OXIDATION OF AMMONIA IN SEWAGE TO NITROGEN ...Electrochemistry; Electrolytic; Sewage; Waste Water Treatment -general; ...3.0177

MICROBIOLOGY OF SLUDGE - DNA ANALYSIS AND N2 REMOVAL ...Activated; Cellular Viability; Denitrification -see Nitrogen; Hyperthermal; ...3.0207

WASTE MANAGEMENT, CONTROL, AND DISPOSAL IN MIDWEST BEEF FEEDLOTS ...Animal Wastes - Feed Lots; Farm Animal Wastes; Rainfall - Runoff Relationship; Storm Water; Waste Water Treatment -general; ...3.0212

VOLUME REDUCTION AND STABILIZATION OF WASTES FROM SWINE ...Animal Wastes - Feed Lots; Bacteria -nonspecific; Biochemical Oxygen Demand; Farm Animal Wastes; Fungi -nonspecific; Landfill; Waste Disposal on Soils; ...3.0216

CATTLE FEEDLOT PEN DESIGN ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Phosphorus and Phosphorus Cpds; Sludge; Water Quality Control -general; ...3.0273

UTILIZATION OF BARK WASTE ...Additives; Casting of Materials; Gas Chromatography; Inspection and Control; Plant Waste Removal, Treatment; Pseudotsuga; Pulp-waste; ...3.0277

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Groundwater; Plant Waste Removal, Treatment; Trickling Filters; Waste Disposal on Soils; Water Quality Control -general; ...3.0279

RESEARCH ON AN ANIMAL-WASTE POLLUTION CONTROL SYSTEM ...Air Pollution; Animal Wastes - Feed Lots; Dewatering; Farm Animal Wastes; Gas Chromatography; Infrared Spectroscopy; Waste Water Treatment -general; ...3.0289

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification, Disposal; Forest Pathology; Irrigation; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Sewage; South Dakota; Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Analysis and Detection; Biochemical Oxygen Demand; Effluent-standards; Phosphorus and Phosphorus Cpds; Septic Tanks; Silty Soils; Water Pollutant Identification; ...3.0350

BROILER MANAGEMENT ...Aflatoxins; Gallus Domesticus; Phosphorus and Phosphorus Cpds; Waste Disposal on Soils; ...3.0358

SCRAP AND RECYCLE RESEARCH ...Automotive Application; Electrical, Electronic Mtl.; Mechanism Determination; Oxidation; Photography; ...3.0382

UTILIZATION OF WASTE BARK ...Phenols; Plant Waste Removal, Treatment; Product Development Research; ...3.0397

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources; Aquatic Soils; Growth; Haloragaceae; Mineral Nutrition; Photoperiodism; Plant Tissue Analysis -chem.; Temperature (water); ...4.0053

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Carbamates -nonspecific; Fertilizers; Land Use; Monitoring Systems; Nutrients; Pesticides -see Pesticide; Soil Analysis; ...4.0056

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Carbon; Chemical Analysis; Growth Substances; Metabolism of Algacides; Pesticide Degradation -see Deg; Plant Growth Regulators -ns.; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

FACTORS AFFECTING THE TOXICITY AND SELECTIVITY OF PRE-EMERGENCE SOIL HERBICIDES ...Anaerobic Bacteria;

Pesticide Movement in Soils; Pesticide Residues Removal; Pyrazon; Soil Fungi -nonspecific; Soil Types -also See Specifics; ...4.0247

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

CULTURE AND PHYSIOLOGY OF FLUE-CURED TOBACCO ...Air Pollution-chemistry; Growth Substances; Nicotiana; Pesticide Action on Plants; Pesticides -other; Tillage, Cropping Systems; ...4.0295

POTENTIAL EFFECTS OF HERBICIDES ON PLANT METABOLITES AND RESIDUES IN CROPS AND SOIL ...Bioassay; Herbicides -nonspecific; Pesticide Application Rates; Pesticide Phytotoxicity; Plant; ...4.0301

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Secale; Solanum; Vicia; ...4.0469

EFFECT OF PHOSPHORUS INSECTICIDES ON QUALITY OF ALFALFA HAY ...Demeton; Malathion; Pesticide Action on Plants; Pesticide Residues; Phosphorus and Phosphorus Cpds; Temperature - Air; Tissue Accumulation Rates; ...4.0521

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. -(1 Or ; Foreign Agriculture; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

STUDIES ON THE ECOLOGICAL PHYSIOLOGY OF MID-WATER CRUSTACEANS ...Carbon; Crustacea; Invertebrate Physiology; Pesticides -nonspecific; Vertical Distribution; ...4.0576

PESTICIDE EFFECTS ON NITROGEN METABOLISM IN TELEOSTS ...Chemical Analysis; Fish; Pesticide Action on Animals; Pesticide Application Rates; Pesticides -nonspecific; Pesticides -see Pesticide; ...4.0725

EFFECT OF METHYLENEDIOXYPHENYL SYNERGISTS AND RELATED COMPOUNDS ON MICROSOMAL DRUG METABOLIZING ENZYMES ...Environmental Effects - Human; Laboratory Animals; Pesticide Action on Animals; Piperonyl Butoxide; Toxic Substances; Toxicology; ...4.0782

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; Trifluralin; ...4.0950

MECHANISMS OF THE OXIDATIVE DEGRADATION OF PESTICIDE MALEIC-HYDRAZIDE ...Chemical Analysis; Environment Accumulation Rates; Isotope Tracer -see Tracers; Oxidation; Pesticide Action on Plants; Pesticide Residues; Thin Layer Chromatography; ...4.1068

COMPARISON OF NUTRIENTS OF PEANUTS FROM SOILS WITHOUT AND WITH LINDANE TREATMENT ...Arachis; Fruit Analysis; Herbicides and Other Chem; Lindane; Mineral Nutrition; Pesticide Phytotoxicity; Residues in Foods; ...4.1119

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

CORRELATIVE ACTION OF THE GAMMA-IRRADIATED LEAF ON ROOT INITIATION IN COLEUS ...Grafting & Other Nonsex Prop; Growth Substances; Labiatae; Nucleic Acid Compounds; Radiation Effects -see Rad ; X and Gamma Rays; ...5.0277

PREPARATION AND PROPERTIES OF SUBCELLULAR FRACTIONS ...Muridae; Radiation; Radiation Injury Prevention; Sulfhydryl Compounds; X and Gamma Rays; ...5.0294

METABOLIC PROBLEM IN SECONDARY DISEASE ...Digestive System - Human; Immunology; Muridae; Primates -nonspecific; Radiation, Whole Body; X and Gamma Rays; ...5.0618

PHYSICAL AND PHYSIOLOGICAL COMPONENTS OF RADIATION EFFECTS IN CELLS ...Bacillus Megaterium; Bacterial Morphology; Cell Injury and Autolysis; Microorganisms; Radiation; Staphylococcus Aureus; ...5.0829

IN-VIVO NEUTRON ACTIVATION ...Americum; Calcium; Chlorine; Fast Neutrons; Iodine; Models (physical) of Anim.&man; Neutron Generator; Phosphorus and Phosphorus Cpds; Radiation, Whole Body; ...5.0896

Nitrogen Cycle -see Denitrif.

DYNAMICS OF THE NITROGEN CYCLE IN LAKES ...Algal Physiology; Analysis and Detection; Denitrification -see Nitrogen; Eutrophication; Hydrogen; Nitrogen and Nitrogen Cpds.; Plant Productivity -general; Sub - Polar Regions; ...2.0009

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

CONTROL OR PREVENTION OF SOIL AND WATER POLLUTION FROM FERTILIZERS ...Aquatic Soils; Groundwater; Microorganisms -nonspecific; Rock - Soil Pollution; Soil Chemical Properties; Soil Microbiology; Water Quality Control -general; ...2.0170

NITROGEN TRANSFORMATIONS IN LAKE SEDIMENTS ...Aquatic Soils; Eutrophic Lakes; Eutrophication; Lake Deposits; Nitrogen and Nitrogen Cpds.; Nutrients; ...2.0445

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Computer Models; Drainage; Fertilizers; Impaired Water Use; Mathematical Models; Soil Chemical Properties; Soil Moisture; Soil Water Plant Relationships; ...2.0513

PHYTOPLANKTONIC NITROGEN AS AN INDEX OF CULTURAL EUTROPHICATION ...Algal Physiology; Eutrophic Lakes; Eutrophication; Model Studies; Nitrogen and Nitrogen Cpds.; Phytoplankton; Water Pollutant Identification; ...2.0637

MINIMIZING NITRATE POLLUTION OF GROUNDWATER AND STREAMS ...Absorption (incl. Adsorption); Groundwater; Rhizosphere; Soil Profile; ...2.1013

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

ECOLOGY AND NITROGEN CYCLE IN A MARINE PLANT COMMUNITY ...Alaska; Bering Sea; Lagoons; Physiological Effects; Plant Physiological Ecology; Primary Productivity - Plants; ...2.1476

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Contamination - Soil; Farm Animal Wastes; Groundwater; Playas; Rock - Soil Pollution; Soil Microbiology; Sorghum; Water Pollutants - Path of; ...3.0320

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

Ammonification Or Decay

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

THE ROLE OF RHIZOSPHERE MICROORGANISMS IN THE ACTION OF HERBICIDES ON PLANTS ...Fungicides -nonspecific; Insecticides -nonspecific; Nitrification; Pesticide Interaction With Env; Pesticides Compatibility; Rhizosphere; ...4.0468

Denitrification

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Freezing & Below; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

FATE OF SURFACE-APPLIED NITROGEN FERTILIZERS ...Agricultural Runoff; Fertilizer Losses; Microorganisms -nonspecific; Non-symbiotic N-fixation; Soil Microbiology; Water Pollutants - Path of; ...2.0141

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Contamination - Soil; Farm Animal Wastes; Groundwater; Snowmelt

Runoff; Soil Microbiology; Urine; Water Pollutants - Path of; ...2.0242

WATER QUALITY HYDROLOGY OF LANDS RECEIVING FARM ANIMAL WASTES ...Agricultural Runoff; Bos; Farm Animal Wastes; Plowing; Waste Disposal on Soils; ...2.0379

MINIMIZING SOIL AND WATER POLLUTION FROM FERTILIZERS AND IRRIGATION WATERS--RIO GRANDE PLAIN ...Effluents - Waste Water; Groundwater; Rio Grande River; Soil Analysis; Soil Profile; ...2.0391

NITRATE REDUCTION IN THE VICINITY OF TILE DRAINS ...Drainage; Drainage Engineering; Effluents - Waste Water; Filtration; ...2.0894

DENITRIFICATION AS A PATHWAY FOR NITRATE REMOVAL IN RIVERS AND PONDS ...Carbon; Organic Water Properties; Population Dynamics -general; Temperature; Water Properties -general; ...2.1016

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

APPLICATION OF SEWAGE SLUDGE TO FIELD CROPS ...Disposal; Microorganisms -nonspecific; Sewage; Waste Digestion; ...2.1548

SOIL AND WATER MANAGEMENT SYSTEMS FOR DISPOSAL OF DAIRY AND POULTRY WASTES ...Animal Wastes - Feed Lots; Groundwater; Soil Organic Content; Waste Disposal on Soils; ...3.0076

NITRATE POLLUTION FROM DISPOSAL OF DAIRY WASTE ...Animal Wastes - Feed Lots; Drainage; Groundwater; Mineral Nutrition; Soil Profile; Waste Disposal on Soils; ...3.0077

MICROBIOLOGY OF SLUDGE - DNA ANALYSIS AND N2 REMOVAL ...Activated; Cellular Viability; Denitrification -see Nitrogen Hyperthermal; Nitrogen and Nitrogen Cpds.; ...3.0207

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Animal Wastes - Feed Lots; Lime Treatment; Soil Microbiology; ...3.0237

SUBSURFACE DISPOSAL OF ANIMAL MANURE ...Animal Wastes - Feed Lots; Chlorine; Farm Animal Wastes; Feces; Plant Tissue Analysis -chem.; Soil Fertility; Waste Disposal, Underground; ...3.0296

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0298

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

Nitrification

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

EFFECTS OF FURROW, SPRINKLER AND SUBIRRIGATION METHODS ON POTENTIAL POLLUTION OF GROUNDWATER BY NITRATES AND OTHER SOLUTES ...Economic Feasibility; Furrow Irrigation; Irrigation; Soil Moisture; Subsurface Irrigation; Water Pollutants - Path of; ...2.0381

NITRIFICATION IN SURFACE WATERS ...Algal Physiology; Chemical Analysis (water); Michigan; Nitrogen and Nitrogen Cpds.; ...2.0638

APPLICATION OF SEWAGE SLUDGE TO FIELD CROPS ...Denitrification; Disposal; Microorganisms -nonspecific; Sewage; Waste Digestion; ...2.1548

EFFECTS OF GARBAGE COMPOST ON SOIL AND CROP PRODUCTION ...Avena Sativa; Plant Waste Removal, Treatment; Soil - Crop Relationships; Soil Chemical Properties; Soil Microbiology; Soil pH; Waste Disposal on Soils; ...3.0003

SOIL AND WATER MANAGEMENT SYSTEMS FOR DISPOSAL OF DAIRY AND POULTRY WASTES ...Animal Wastes - Feed Lots; Denitrification; Groundwater; Soil Organic Content; Waste Disposal on Soils; ...3.0076

NITRATE POLLUTION FROM DISPOSAL OF DAIRY WASTE ...Animal Wastes - Feed Lots; Drainage; Groundwater; Mineral Nutrition; Soil Profile; Waste Disposal on Soils; ...3.0077

EFFECTS OF GARBAGE COMPOST ON SOIL PROCESSES ...Florida; Soil Amendments; Soil Microbiology; Soil Organic Content; Waste Disposal on Soils; ...3.0366

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi - nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Endrin; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain; Soil Chemical Properties; Soil Depth; Trifluralin; ...4.0099

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Contamination - Soil; Dalapon; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Pseudomonas; Soil Fungi -nonspecific; Soil Microbiology; ...4.0330

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Cdaa; Glycine; Pesticides Compatibility; Rhizosphere; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

THE ROLE OF RHIZOSPHERE MICROORGANISMS IN THE ACTION OF HERBICIDES ON PLANTS ...Ammonification Or Decay; Fungicides -nonspecific; Insecticides -nonspecific; Pesticide Interaction With Env; Pesticides Compatibility; Rhizosphere; ...4.0468

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Competition Among Thallophytes; Gibberella; Gliotoxin; Nematocides -nonspecific; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Soil Microbiology; Viridin; ...4.0945

EQUIPMENT AND METHODS FOR DECONTAMINATION AND DISPOSAL OF PESTICIDES AND PESTICIDE CONTAINERS ...Combustion; Formulations -nonspecific; Incineration; Pesticide Degradation -see Deg; Sevin; Waste Water Degradation; ...4.1052

Nitrogen Fixation

Natural N-fixation -other

DYNAMICS OF THE NITROGEN CYCLE IN LAKES ...Algal Physiology; Analysis and Detection; Denitrification -see Nitrogen; Eutrophication; Hydrogen; Nitrogen and Nitrogen Cpds.; Nitrogen Cycle -see Denitrif.; Plant Productivity -general; Sub - Polar Regions; ...2.0009

CHEMICAL CONTROL OF NEMATODE ROOT ROT COMPLEX OF SHADE-GROWN TOBACCO ...Aliphatic Carbamates; Furadan; Nicotiana; Vorlex; ...4.0282

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Cdaa; Glycine; Nitrification; Pesticides Compatibility; Rhizosphere; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

Non-symbiotic N-fixation

FATE OF SURFACE-APPLIED NITROGEN FERTILIZERS ...Agricultural Runoff; Fertilizer Losses; Microorganisms -nonspecific; Soil Microbiology; Water Pollutants - Path of; ...2.0141

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants -

nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Contamination - Soil; Dalapon; Nitrification; Pesticide Phytotoxicity; Pseudomonas; Soil Fungi -nonspecific; Soil Microbiology; ...4.0330

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Competition Among Thallophytes; Gibberella; Gliotoxin; Nematocides -nonspecific; Pesticide Phytotoxicity; Soil Microbiology; Viridin; ...4.0945

Symbiotic Nitrogen Fixation

BIOLOGICAL NITROGEN FIXATION IN LAKES, PHASE II ...Algae - Cyanophyta; Eutrophic Lakes; Eutrophication; Hydrogenation; Nitrogen Metabolism; Water Utilization -plant; ...2.1779

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; ...4.0159

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Translocation; ...4.0256

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; Trifluralin; ...4.0950

Noise

CALIFORNIA ASSEMBLY - STEAM BUS ...Buses -see Transportation; Costs -see Economics Entries; Engine; Engines; External Combustion Engines; Spark Ignition; ...1.0017

COMPILATION OF READINGS AND CASE MATERIALS ON TECHNOLOGY ASSESSMENT ...Air Pollution -see Specifics; Demography; Government -see Federal Gov.; Public Health; Solid Waste; Technology - Social Impact; Water Pollution -see Specifics; ...3.0048

A STUDY OF LASER DAMAGE TO BIOLOGICAL MATERIALS ...Cell Injury and Autolysis; Laser Effects -bioeffects; Radiation Effects - Biological; ...3.0019

SOUND PROPAGATION AND ATTENUATION CHARACTERISTICS OVER A HEAVILY VEGETATED TERRAIN ...Audio Frequencies -see Noise; Electromagnetic Propagation; Electronic Detection, Tracking; Signal Analysis; Sound Attenuation Acoustics; Terrain Analysis; Topography; ...6.0001

THEORETICAL ACOUSTICS ...Acoustics; Atlantic Ocean; Ocean Meteorological Studies; Sound Attenuation Acoustics; Turbulence; ...6.0005

OPTIMIZATION OF AUDITORY PERFORMANCE IN NAVAL AVIATION ...Signal Analysis; ...6.0006

METROPOLITAN AIRCRAFT NOISE ABATEMENT STUDY (LOGAN INTERNATIONAL AIRPORT) ...Economic Impact; Land Use; Massachusetts; Noise Abatement; Urban Research - general; ...6.0007

INVESTIGATION OF GEARBOX DESIGN MODIFICATIONS FOR REDUCING HELICOPTER GEARBOX NOISE ...Noise Abatement; ...6.0009

WHOLE-BODY EFFECTS OF AIR FORCE NOISE ON PEOPLE ...Auditory Physiology; Aviation Medicine; Infra Red; Performance - Behavioral Study; Sensory & Perceptual Processes; Ultrasonic -bioeffects; ...6.0010

MECHANISMS OF NOISE GENERATION, PROPAGATION AND RECEPTION AS RELATED TO AIR FORCE BIOACOUSTIC PROBLEMS ...Acoustics; Aircraft; Aviation Medicine; Communication; Sensory & Perceptual Processes; Sound Attenuation Acoustics; ...6.0011

QUIET PROPELLER CONCEPT EVALUATION ...Rotors - Propellers; ...6.0012

CONTROL OF HUMAN EXPOSURE TO ACOUSTIC ENERGY GENERATED BY AIR FORCE ACTIVITIES ...Aviation Medicine; Electronic Control Systems; Environmental Effects - Human; Noise Abatement; ...6.0013

AIR CREW PERSONNEL NOISE EXPOSURE ...Aerospace Studies; Aircraft; Aviation Medicine; Fatigue; Noise Abatement; Pilots; Sensory & Perceptual Processes; ...6.0014

ACOUSTIC INTERFERENCE WITH COCKPIT COMMUNICATIONS ...Aerospace Studies; Pulse Modulation; Sensory & Perceptual Processes; Signal Analysis; ...6.0015

INVESTIGATION OF NOISE GENERATION ON A HOVERING ROTOR ...Rotors - Propellers; Sound Attenuation Acoustics; ...6.0017

INVESTIGATION OF LOW SPEED AERODYNAMICS AND NOISE GENERATION MECHANISMS FOR DESIGN OF QUIET RECONNAISSANCE AIRCRAFT ...Aerodynamic Configuration; Flights; Noise Abatement; ...6.0018

ENGINE AND PROPELLER NOISE ...Engines; Noise Abatement; Rotors - Propellers; Signal Analysis; Turbines; ...6.0019

TURBOFAN ...Engines; Turbines; ...6.0020

PSYCHOACOUSTIC ASPECTS OF AIRCRAFT NOISE AND SONIC BOOM ...Noise Abatement; ...6.0021

IMPACTS AND ALLEVIATION OF TRANSPORTATION NOISE ...Costs -see Economics Entries; Noise Abatement; Social Aspects; Urban Research -general; ...6.0022

STUDY OF THE NOISE PRODUCED BY TRANSPORTATION EQUIPMENT, DEVICES POWERED BY INTERNAL COMBUSTION ENGINES - STUDY OF COMMUNITY NOISE ...Engine; Environmental Effects - Human; Sound Attenuation Acoustics; Spark Ignition; ...6.0023

TRAFFIC NOISE NEAR HIGHWAYS AND THE EFFECTS OF DESIGN AND ENVIRONMENTAL VARIABLES ...Geometric Design; ...6.0024

RAPID TRANSIT DESIGN & OPERATION STUDIES ...Engineering Mechanics; Rapid Transit; ...6.0025

ESTABLISHMENT OF STANDARDS FOR HIGHWAY NOISE LEVELS ...Handbooks; Landscape and Roadside Studies; Transportation Design; ...6.0026

TIRE SOUND GENERATION INVESTIGATION ...Automobiles; Sensory & Perceptual Processes; Tires; ...6.0028

SELECTION AND DEVELOPMENT OF ANTI-SKID SURFACES ...Pavement; ...6.0029

VENTILATION, ILLUMINATION, AND NOISE CONTROL IN TUNNELS ...Building Construction; Model Studies; Traffic Engineering; Transportation Buildings; Transportation Design; Tunnels; ...6.0032

TRAFFIC NOISE ...Pavement; Structural Design; Tires; ...6.0033

THE EFFECT OF A TUNNEL COVER ON SOUND ABSORPTION IN THE TUNNEL ...Building Acoustics -see Noise; Transportation Buildings; Tunnels; ...6.0034

A STUDY FOR RESEARCH AND REPORTING ON MASS TRANSPORTATION SYSTEMS (SUBWAYS) ACOUSTICAL ENVIRONMENT ...Mass Transit; Railroads -see Transportation; ...6.0035

POLLUTION OF MICHIGAN URBAN ATMOSPHERES BY HIGHWAY GENERATED NOISE ...Characteristics; Highway Classification; Michigan; Urban Research -general; ...6.0036

TREES AND SHRUBS FOR NOISE ABATEMENT ...Forest Environment -general; Plant Growth; Wind -see Air Motion; ...6.0037

COLLECTION, PROPAGATION, CULTURE AND EVALUATION OF PLANT MATERIALS ...Forest Environment -general; Nebraska; Plant Growth; Right-of-way -see Legal Study; Roads & Highways -see Highways; Snow and Ice Removal; Traffic Engineering; ...6.0039

SUPPORT OF SOCIETY OF AUTOMOTIVE ENGINEERS, INCORPORATED, NOISE RESEARCH STUDY ...Noise Abatement; Signal Analysis; Urban Research -general; ...6.0040

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels, Altitude; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

TRAFFIC NOISE STANDARDS ...Building Acoustics -see Noise; Urban Environment; Urban Research -general; Vibration Instruments; ...6.0042

CONCRETE BASE FOR RAILWAY TRACKS ...Engineering Mechanics; Mathematical Models; Pavement; Railroads -see Transportation; Structural Mechanics; Tunnels; ...6.0043

DEVELOPMENT OF HYDROSTATIC POWER TRANSMISSIONS SYSTEMS TO IMPROVE PERFORMANCE - INVESTIGATION OF PARAMETERS WHICH INTRODUCE NOISE ...Automobile & Components; Hydraulics; ...6.0044

TRAFFIC NOISE ...Audio Frequencies -see Noise; Traffic Engineering; ...6.0045

TRAFFIC NOISE ...Automobile & Components; Highway Classification; Passenger Service; ...6.0046

NOISE FROM MOTOR VEHICLES ...Automobile & Components; ...6.0047

CORROSION OF EXHAUST SILENCERS IN SERVICE ...Automobile & Components; Automotive Application; Characteristics; Coatings -see Materials; Control Devices; Corrosion, Deterioration; ...6.0048

REDUCTION OF COMMERICAL-VEHICLE ENGINE NOISES BY ACOUSTIC TREATMENTS APPLIED TO THE VEHICLE ...Acoustic Instrumentation; Automobile & Components; Engine; Spark Ignition; ...6.0049

MEASUREMENT OF NOISE EMITTED BY MOTOR VEHICLES ...Automobile & Components; Legal Studies; ...6.0050

RESEARCH INTO VARIOUS ASPECTS OF MOTOR VEHICLES INCLUDING NOISE, DYNAMIC BEHAVIOR, SAFETY, AERODYNAMICS AND AIR POLLUTION ...Automobile & Components; Engine; Engineering Mechanics; Engines; Fluid Mechanics; ...6.0051

A STUDY OF THE MAGNITUDE OF TRANSPORTATION NOISE GENERATION AND POTENTIAL ABATEMENT ...Legal Studies; Noise Abatement; Traffic Engineering; ...6.0052

THE DETERMINANTS OF REAL ESTATE VALUES ...Air Pollution -see Specifics; Building Construction; Heating Units; Location Choice; Noise -see Noise; Residential Buildings; Value; Zoning; ...6.0053

PLANNING STANDARDS FOR APPLICATION WITH THE LAND USE ACTIVITY ALLOCATION MODEL (LUAAM) ...Land Use; Residential Buildings; Right-of-way -see Legal Study; Transportation; Transportation Management; Zoning; ...6.0056

IMPORTANCE OF NOISE AND ITS POTENTIAL EFFECT ON WOOD USE IN GARDEN APARTMENTS ...Building Acoustics -see Noise; Building Construction; Construction Materials; Farm Structures & Design; Home Economics; Residential Buildings; Structural Mechanics; ...6.0057

STUDY OF NOISE PRODUCED BY CONSTRUCTION EQUIPMENT AND BUILDING EQUIPMENT AND HOME APPLIANCES ...Acoustic Instrumentation; Building Acoustics -see Noise; Building Construction; Sound Attenuation Acoustics; ...6.0058

STUDY OF OUTSIDE NOISE GENERATED BY INDUSTRIAL PLANTS ...Building Acoustics -see Noise; Manufacturing Buildings; Noise -see Noise; Sound Attenuation Acoustics; ...6.0059

MANAGEMENT AND CONTROL OF URBAN NOISE ...Environmental Effects - Human; Urban Environment; Urban Research - general; ...6.0060

ENVIRONMENTAL INFLUENCES ON BEHAVIOR ...Auditory Stress; Crowding; Personality; Social Pressures; Social Psychology; Urban Environment; ...6.0061

ENVIRONMENTAL FACTORS IN RELATION TO TRAFFIC ...Air Pollution -see Specifics; Geometric Design; Residential Buildings; Smoke -see Air Pollution; Traffic Engineering; ...6.0063

NOISE ...Building Design; Freeways; Planning; Traffic Engineering; Urban Research -general; ...6.0064

INTRAMETROPOLITAN RESIDENTIAL MOBILITY ...Air Pollution; California; Environmental Hazards; Floods; Social Aspects; ...6.0068

PHYSIOLOGICAL AND PSYCHOLOGICAL ADJUSTMENT TO NOISE ...Auditory Stress; Personality; Psychology; Sensory & Perceptual Processes; ...6.0069

NOISE INDUCED DEAFNESS - MASKING AND SPEECH PERCEPTION ...Auditory Physiology; Auditory Stress; Hearing Loss and Deafness; Learning and Retention; Occupational Hazards; Psychology; Sensory & Perceptual Processes; ...6.0070

HH-43B HELICOPTER NOISE REDUCTION FEASIBILITY DEMONSTRATION PROGRAM ...Noise Abatement; ...6.0074

DEVELOPMENT OF DAMAGE RISK CRITERIA AND HABITABILITY STANDARDS FOR EXPOSURE TO SONAR TRANSMISSIONS ...Auditory Physiology; Signal Analysis; Sound Attenuation Acoustics; Submarine & Diving Medicine; ...6.0075

SURVEY OF EXISTING FEDERAL, STATE AND LOCAL NOISE CONTROL ORDINANCES ...Education -see Training; Electronic Control Systems; Legal Studies; ...6.0076

PERSONNEL TECHNOLOGY - NAS/NRC ADVISORY SERVICES ON OPERATIONAL PROBLEMS OF VISION AND HEARING ...Acoustics; Aviation Medicine; Consultants, Advisory Services; Military Personnel; Pilots; Vibrations, -bioeffects; ...6.0077

STUDY OF NOISE MEASUREMENT AND CRITERIA, THE EFFECT OF NOISE ON PROPERTY, AND THE SOCIAL AND ECONOMIC IMPACT OF NOISE ...Literature Search; ...6.0078

OPTIMIZATION OF SPEECH COMMUNICATIONS IN NAVAL AVIATION ...Aviation Medicine; Military Personnel; Pilots; Stressors, Physiological; ...6.0079

BEHAVIORAL TOXICITY OF NOISE IN IMMATURE MICE ...Auditory Stress; Hearing Loss and Deafness; Psychology; Vibrations, -bioeffects; ...6.0080

TRAUMATIC ORIGINS OF HEARING LOSS ...Auditory Physiology; Hearing Loss and Deafness; Monkey; Toxic Substances; Trauma; Vibrations, -bioeffects; ...6.0083

HEARING AND VOCAL OUTPUT ...Auditory Physiology; Muridae; Psychological Response; Sensory & Perceptual Processes; Sonic Spectrograph; Sound Production; ...6.0084

IMPROVED WEAPON NOISE EXPOSURE CRITERIA ...Consultants, Advisory Services; Military Personnel; Occupational Hazards; ...6.0085

SMALL BOAT NOISE REDUCTION ...Noise Abatement; ...6.0086

RESPONSE OF CAGED MINK TO SONIC BOOM ...Engineering Mechanics; Farm Structures & Design; Mustelidae; Signal Analysis; Vibrations, -bioeffects; ...6.0087

STUDY OF THE EFFECT OF NOISE ON HUMANS ...Environmental Effects - Human; Vibrations, -bioeffects; ...6.0091

COMFORTABLE LISTENING LEVELS FOR NOISE ...Sensory & Perceptual Processes; ...6.0094

EFFECTS OF SONIC BOOM ON MINK ...Behavior -vertebrate; Environmental Physiology; Mustelidae; ...6.0095

ACOUSTICAL SOCIETY OF AMERICA STANDARDS ACTIVITIES ON NOISE ...Acoustics; Noise -see Noise; ...6.0096

DISSIPATION RATES OF SELECTED NOISE LEVELS ENCOUNTERED IN OUTDOOR RECREATION ENVIRONMENTS ...General Recreation Studies; ...6.0099

EFFECTS OF AIR FORCE NOISES ON POPULATIONS SURROUNDING AIR BASES ...Airplanes; Noise -see Noise; Psychology; Sensory & Perceptual Processes; ...6.0100

RESEARCH ON PERMANENT AND TEMPORARY SHIFTS IN HEARING THRESHOLD PRODUCED BY EXPOSURE TO AIR FORCE NOISE ...Auditory Physiology; Hearing Loss and Deafness; Stressors, Physiological; ...6.0101

AUDITORY RESPONSES TO ACOUSTIC ENERGY EXPERIENCED IN AIR FORCE ACTIVITIES ...Acoustics; Auditory Physiology; Hearing Loss and Deafness; Trauma; ...6.0102

PSYCHOLOGICAL AND PHYSIOLOGICAL ADAPTATION TO SIMULATED SONIC BOOMS - PHASE I ...Auditory Stress; Fatigue; Performance - Behavioral Study; Stressors, Physiological; ...6.0104

BIOCHEMICAL CORRELATES IN ENVIRONMENTAL STRESS ...Acceleration Effects - Human; Ceboidea; Cellular Biosynthesis; Environmental Effects - Human; Muridae; Radiation -see Specifics; Stressors, Physiological; ...6.0108

THE CLIMATE LABORATORY IN LUND (1967) ...Auditory Stress; Building Construction; Stressors, Physiological; Temperature & Humidity Effects; ...6.0109

THE EFFECTS OF NOISE ON BEHAVIOR ...Auditory Stress; Muridae; Psychology; Sensory & Perceptual Processes; ...6.0111

LITERATURE SEARCH TO DETERMINE THE EFFECTS OF NOISE ON WILDLIFE ...Literature Search; Wildlife -nonspecific; ...6.0112

SPECIALIZED ENGINEERING RESEARCH EQUIPMENT - ACOUSTIC NOISE STUDIES ...Building Acoustics -see Noise; Railroads -see Transportation; Structural Mechanics; ...6.0113

EFFECTS OF NOISE ON AIR FORCE PERSONNEL IN OPERATIONAL ENVIRONMENTS ...Communication; Hearing Loss and Deafness; Military Personnel; Pilots; Sensory & Perceptual Processes; Space Medicine - Exobiology; ...6.0114

RESEARCH INTO ACOUSTIC MEASUREMENTS, HEARING AND PSYCHOACOUSTICS, AND THE INVESTIGATION OF VARIOUS NOISE PROBLEMS, INCLUDING MOTOR VEHICLES ...Acoustics; Auditory Physiology; Automobile & Components; Automobiles; Noise Abatement; Sensory & Perceptual Processes; ...6.0115

EFFECTS OF NOISE EXPOSURE ON VEHICLE OCCUPANTS ...Automobiles; Passenger Service; ...6.0116

SONIC BOOM EFFECTS ...Building Acoustics -see Noise; Engineering Mechanics; Noise Abatement; Structural Mechanics; ...6.0117

Noise Abatement

SMALL TURBINE ENGINE NOISE REDUCTION ...Engines; Turbines; ...6.0002

PREDICTION OF NEAR-FIELD NOISE FROM FIGHTER, TRANSPORT AND OTHER MILITARY CONFIGURED VTOL AIRCRAFT ...Signal Analysis; ...6.0004

METROPOLITAN AIRCRAFT NOISE ABATEMENT STUDY (LOGAN INTERNATIONAL AIRPORT) ...Economic Impact; Land Use; Massachusetts; Noise; Urban Research -general; ...6.0007

INVESTIGATION OF GEARBOX DESIGN MODIFICATIONS FOR REDUCING HELICOPTER GEARBOX NOISE ...Noise; ...6.0009

CONTROL OF HUMAN EXPOSURE TO ACOUSTIC ENERGY GENERATED BY AIR FORCE ACTIVITIES ...Aviation Medicine; Electronic Control Systems; Environmental Effects - Human; Noise; ...6.0013

AIR CREW PERSONNEL NOISE EXPOSURE ...Aerospace Studies; Aircraft; Aviation Medicine; Fatigue; Noise; Pilots; Sensory & Perceptual Processes; ...6.0014

INVESTIGATION OF LOW SPEED AERODYNAMICS AND NOISE GENERATION MECHANISMS FOR DESIGN OF QUIET RECONNAISSANCE AIRCRAFT ...Aerodynamic Configuration; Flights; Noise; ...6.0018

ENGINE AND PROPELLER NOISE ...Engines; Noise; Rotors - Propellers; Signal Analysis; Turbines; ...6.0019

PSYCHOACOUSTIC ASPECTS OF AIRCRAFT NOISE AND SONIC BOOM ...Noise; ...6.0021

IMPACTS AND ALLEVIATION OF TRANSPORTATION NOISE ...Costs -see Economics Entries; Noise; Social Aspects; Urban Research -general; ...6.0022

SUPPORT OF SOCIETY OF AUTOMOTIVE ENGINEERS, INCORPORATED, NOISE RESEARCH STUDY ...Noise; Signal Analysis; Urban Research -general; ...6.0040

A STUDY OF THE MAGNITUDE OF TRANSPORTATION NOISE GENERATION AND POTENTIAL ABATEMENT ...Legal Studies; Noise; Traffic Engineering; ...6.0052

HH-43B HELICOPTER NOISE REDUCTION FEASIBILITY DEMONSTRATION PROGRAM ...Noise; ...6.0074

SMALL BOAT NOISE REDUCTION ...Noise; ...6.0086

SYSTEMS STUDY OF HELICOPTER NOISE REQUIREMENTS ...Aerodynamic Configuration; Aircraft; Signal Analysis; ...6.0089

TURBOJET ENGINE OUT OF AIRFRAME STATIC RUN-UP NOISE SUPPRESSOR ...Engines; Turbines; ...6.0106

RESEARCH INTO ACOUSTIC MEASUREMENTS, HEARING AND PSYCHOACOUSTICS, AND THE INVESTIGATION OF VARIOUS NOISE PROBLEMS, INCLUDING MOTOR VEHICLES ...Acoustics; Auditory Physiology; Automobile & Components; Automobiles; Noise; Sensory & Perceptual Processes; ...6.0115

SONIC BOOM EFFECTS ...Building Acoustics -see Noise; Engineering Mechanics; Noise; Structural Mechanics; ...6.0117

North Carolina

URBAN RADIATION ...Air Pollution-chemistry; Humidity - Water Vapor; Nitrogen and Nitrogen Cpds.; Radiation -terrestrial; Solar Radiation -sunshine; ...1.0103

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN CHARLOTTE, NORTH CAROLINA ...Air Pollution -see Specifics; Air Pollution Monitoring; Urban Research -general; Weather Data; ...1.0250

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN GREENSBORO, NORTH CAROLINA ...Air Pollution -see Specifics; Air Pollution Monitoring; Data Acquisition; Urban Research -general; ...1.0280

CHEMISTRY OF ATMOSPHERIC PRECIPITATION ...Chemical Analysis -general; Chemical Water Properties; New York; Precipitation; Virgin Islands; ...2.0092

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases; Marine Plants; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Estuaries; Fish; Iron; Marine Animals; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

WATER QUALITY MANAGEMENT OF IMPOUNDMENTS ...Aeration (water); Destratification; Engineering Structures-general; Eutrophication; Lakes; Management (water); Reservoirs and Impoundments; ...2.0287

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

SOURCE, FATE AND EFFECT OF NUTRIENTS ADDED TO NORTH CAROLINA ESTUARIES ...Estuaries; Industrial Wastes; Nutrients; Water Pollutants - Path of; Water Pollution Sources; ...2.0290

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Algal Physiology; Estuaries; Eutrophication; Marine Plants; Phosphorus and Phosphorus Cpds; Phytoplankton; Water Pollutant Identification; ...2.0291

WATER CONTAMINATION BY FERTILIZER NITROGEN AND PHOSPHORUS ...Agricultural Runoff; Fertilizers; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Subsurface Runoff; ...2.0294

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

THE RELATION OF ESTUARINE ALGAE TO WATER QUALITY ...Algae -nonspecific; Aquatic Distribution; Estuaries; Plankton Sampling; Range Or Territorial Distr.; ...2.0709

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity; Cellular Catabolism-see Degrad; Estuaries; Microorganisms -nonspecific; Plankton; Plant Productivity -general; Ponds; Primary Productivity - Plants; Water Pollution Sources; ...2.1069

MICROBIAL DEGRADATION OF HYDROCARBONS ...Bacterial Studies -general; Contamination - Water; Petroleum -see Oil; Water Bacteria; ...2.1070

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS ...Aquatic Soils; Coastlines - Shorelines; Degradation -see Pesticide Deg; Marine Biology - General; Petroleum -see Oil; Swamps - Marshes; Water Chemistry; ...2.1072

CONCENTRATION OF PHOSPHATES FROM INDUSTRIAL WASTES BY BLUE-GREEN ALGAE ...Algae - Cyanophyta; Algal Physiology; Estuaries; Marine Plants; Waste Water Treatment -general; ...2.1073

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency; Flow Characteristics (water); Industrial Wastes; Model Studies; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Protection; ...2.1104

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Benthic Fauna; Energy Conversion; Estuaries; Fish & Shellfish Biology; Maine; Physical Water Properties; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1568

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

ENVIRONMENTAL EFFECTS OF COASTAL ZONE POWER GENERATION ...Animal Habitat Studies; Consultants, Advisory Services; Energy Conversion; Environmental Ecology; Federal Government; Power Development; ...2.1664

INSTITUTIONAL SEA GRANT SUPPORT ...Acipenseridae; Dredging; Estuaries; Legal Review; Marine Animals; Serranidae; Water Resources Development; ...2.1886

ENVIRONMENTAL CONSIDERATIONS IN LAND AND WATER USE PLANNING IN RIVER BASINS ...Land Use; Plant Ecology -nonspecific; Recreation, Water Resources; River Basins; Types of

Resources; Urban Environment; Water Resources Planning; ...2.1887

MULTI-DISCIPLINARY RESEARCH IN POLLUTION ...Air Pollution; Marine Pollution; Water Quality -general; ...2.1888

MULTIPURPOSE REGIONAL MARINE SCIENCE CENTER (SEA LAB) ...Agricultural Economics; Economics & Technology; Management; Marketing; Oceanography -general; Water Pollution Effects; ...2.1889

PUBLIC PARTICIPATION IN WATER POLLUTION CONTROL POLICY AND DECISION MAKING ...Community - Social Studies; Government -see Federal Gov.; Social Aspects; Water Quality Control -general; Water Resources Planning; ...2.1891

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; Lakes; Soil Cover Crops; Surveying; Urban Research -general; Water Quality -general; Water Yield; Weather Data; ...2.1892

ANIMAL WASTE COMPOSTING WITH CARBONACEOUS MATERIAL ...Farm Animal Wastes; Mineral Nutrition; Panicum -other; Plant Residues, Humus, Compost; Soil Amendments; Triticum; Waste Disposal on Soils; ...3.0252

TREATMENT AND UTILIZATION OF WASTES ...Algae -nonspecific; Farm Animal Wastes; Industrial Wastes; Nutrients; Product Development Research; Waste Water Treatment -general; Water Pollution Sources; ...3.0393

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

North Central U. S.

THE CLIMATIC RESOURCES OF THE NORTH CENTRAL REGION ...Agricultural Studies -general; Atmospheric Dynamics; Radiation Sources -general; Weather Data; ...1.0734

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

MATERIALS HANDLING SYSTEMS FOR NORTH CENTRAL FARMS ...Bos; Farm Animal Wastes; Farm Structures & Design; Humidity; Temperature - Air; Wind -see Air Motion; ...3.0198

North Dakota

ATMOSPHERIC DUST AND MOLD SPORE STUDIES ...Air Pollution -see Specifics; Dust; Health & Geographic Factors; Mercury; Phosphorus and Phosphorus Cpds; ...1.0115

NUTRIENT EXCHANGES AND SOURCES OF NITROGEN AND PHOSPHORUS IN THE UPPER SHEYENNE RIVER WATERSHED ...Lakes; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Reservoirs and Impoundments; Water Pollutant Identification; Watersheds; ...2.0296

INFLUENCE OF WATER QUALITY IN MAINTAINING WHITENESS WHEN LAUNDERING WHITE FABRICS ...Bleaching, Coloring; Fibers; Home Economics; Materials -properties; Mineralogical Water Properties; Organic Matter; Water Quality - general; ...2.0297

THE IMPORTANCE OF THE FOOD CHAIN IN BOTULISM INTOXICATION AMONG WATERFOWL LAKES AND SLOUGHS OF THE DEVILS LAKE REGION IN NORTH DAKOTA ...Animal Productivity; Bacillus Licheniformis; Clostridium Botulinum; Lakes; Pathology; Waterfowl -nonspecific; ...2.0299

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Tillage, Cropping Systems; Waste Water Treatment -general; Water Pollution Effects; ...2.1665

DISTRIBUTION AND ECOLOGY OF RIVER MOLLUSKS IN CENTRAL AND WESTERN NORTH DAKOTA ...Animal Distribution; Atlantic Ocean; Chlorine; Molluscs; Paleontology; Pollution Effects -see Water; Water Pollution Effects; ...2.1667

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indians; Irrigation; Lakes; Legal Studies; Riparian Rights; Water Depth, Water Levels; Water Quality Control - general; Water Rights; ...2.1813

WASTE TREATMENT FACILITIES DEMONSTRATION ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Livestock -nonspecific; Pilot Plants; Red River; ...3.0258

Northeast U. S.

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Bioindicators; B9; Liquids Or Sprays; Mineral Nutrition; Nicotiana; Pesticide Evaluation; Pesticides -other; Pollutant Resistance; Zea Mays - Field Corn; ...1.0338

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Abscission; Air Pollution -see Specifics; Computer Methods -general; Herbicides and Other Chem; Pollutant Resistance; ...1.0357

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Humidity; Permeability; Solanaceae; Vegetables; ...1.0369

AIR POLLUTION PROBLEMS IN NORTHEAST ...Air Pollution; Air Pollution -see Specifics; Climates -general; Nicotiana; Synoptic Weather Observations; Wind -see Air Motion; ...1.0378

RELATIONSHIP OF AIR POLLUTION TO HARDWOOD FORESTS OF THE NORTHEASTERN UNITED STATES ...Air Pollution -see Specifics; Air Pollution Sampling; Deciduous Forests; Forest Pathology; Plant Pathology - Env. Relat.; Temperature - Air; ...1.0412

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Chlorine; Industrial Pollution -general; Lycopersicum; Nicotiana; ...1.0418

ECONOMICS OF ENVIRONMENTAL EFFECTS ON SEASONAL HOMES ...Access; Cost-benefit Analysis; Environmental Effects - Human; Landscaping; Methods - Recreation; Recreation, Water Resources; Water Pollution -see Specifics; ...1.0441

CHEMISTRY OF ATMOSPHERIC PRECIPITATION ...Chemical Analysis -general; Chemical Water Properties; New York; North Carolina; Precipitation; Virgin Islands; ...2.0092

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Bacterial Morphology; Chemical Reactions; Lagoons; Marine Biology - General; Marine Fouling; Marine Pollution; Plant Productivity -general; Thiorhodaceae; ...2.0188

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond; Management (water); Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of, Water Quality -general; ...2.0349

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply - general; Watersheds; ...2.1089

PROCESSING PLANT EFFLUENTS FOR IRRIGATION IN COASTAL PLAINS OF NORTHEAST ...Biological Effects; Effluents - Waste Water; Food Processing Wastes; Industrial Wastes; Irrigation; Lye, Plant Waste Removal, Treatment; Soil Chemical Properties; Water Reuse; ...2.1443

A STUDY OF LEGAL AND ADMINISTRATIVE PRACTICES RELATING TO LAKE POLLUTION IN THE NORTHEAST ...Connecticut; Eutrophication; Federal Government; Legal Review; Legislation - Zoning; State Government; ...2.1806

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Air Pollution -see Specifics; Cost-benefit Analysis; Economics of Natural Resources; Types of Resources; ...2.1837

DATA COLLECTION ECONOMICS FOR WATER POLLUTION CONTROL STUDIES ...Data Acquisition; Economic Efficiency; Statistics; Water Quality Control -general; ...2.1845

ANIMAL WASTE COMPOSTING EQUIPMENT FOR THE NORTHEAST ...Animal Wastes - Feed Lots; Farm Animal Wastes; ...3.0164

HANDLING AND DISPOSAL OF POULTRY WASTES ...Aeration; Animal Wastes - Feed Lots; Farm Animal Wastes; Waste Disposal on Soils; ...3.0234

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT; Pesticide Residues; Preventative Measures; Sediments; Water Pollutant Identification; Water Quality Control -general; Water Wells; ...4.0037

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels, Altitude; Evapotranspiration; Forest Environment -general; Land Use; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

Northwest U. S.

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Biological Water Properties; Chemical Water Properties; Chlorine; Drainage; Fertilizers; Irrigation; Mineralogical Water Properties; Soil Chemical Properties; Temperature (water); Water Quality -general; ...2.0120

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AS AFFECTED BY IRRIGATION ...Aquifers; Chemical Analysis (water); Fertilizers; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.0121

INFLUENCE OF LOG RAFTING ON WATER QUALITY ...Degradation -see Pesticide Deg; Forest Debris; Fresh Water; Lumbering -general; Pulp and Paper Wastes; ...2.0327

CHARACTERIZATION OF FOOD PROCESSING WASTEWATERS ...Biochemical Oxygen Demand, Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Food Processing Wastes, Industrial Wastes; Plant Waste Removal, Treatment; ...2.1388

APPRAISAL OF WATER MANAGEMENT INSTITUTIONS - SURVEY OF OREGON WATER LAW ...Administrative Organizations; Legal Review; Survey Studies (water); Water Standards & Baselines; ...2.1901

NORTHWEST TREE FRUIT INSECTS ...Acaricides -nonspecific; Arachnida; DDT; Insect Resistance; Invertebrate Physiology; Pesticide Action on Animals; Pesticide Residues; Radiation Sources -general; ...4.0993

Nozzles

LIVESTOCK FARMSTEAD WATER SYSTEMS ...Chemical Treatment (water); Farm Structures & Design; Flow Characteristics (water); Mathematical Models; Pumps; Water Distribution Systems; Water Utilization -general; ...2.0901

PESTICIDE APPLICATION EQUIPMENT IN RELATION TO DRIFT OF PESTICIDE AND PEST CONTROL ...Cab-o-sil; Dyes -nonspecific; Medicago; Methoxychlor; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; ...4.0009

DRIFT CONTROL OF PESTICIDES ...Aerosols - Smokes, Fogs, Steam; Liquids Or Sprays; Pesticide Application Equip.; Pesticides -nonspecific; Spray Devices; ...4.0063

Nuclear Detonations

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Radioactive Fallout; Radiotracers -see Tracers; Snow; Troposphere; ...1.0002

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Model Studies; Nevada; Precipitation Forecasting; Radioactive Fallout; Seismology; Weather Forecasting; ...1.0021

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Contamination - Water; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Seismology; Strontium; ...1.0025

CONTUNUOUS MEASUREMENTS OF AIRBORNE AND PRECIPITATION RADIOACTIVITY AND METEOROLOGICAL APPLICATION ...Atmospheric Dynamics; Fallout -see Radioactive; Radioactive Fallout; Scintillation Counting; Spectrographic Techniques; Tracers; Troposphere; ...1.0044

FALLOUT PHENOMENOLOGY ...Atmospheric Dynamics; Fallout -see Radioactive; Heat Balance - Budget; Mesometeorology; Radioactive Fallout; Tracers; Wind; ...1.0138

LABORATORY STUDIES OF NON-THERMAL ENERGY TRANSFER PROCESSES BETWEEN ATMOSPHERIC MOLECULES ...Molecules; Upper Atmospheric Chemistry; ...1.0090

CHARACTERIZATION OF RADIOACTIVE PARTICLES PRODUCED BY NUCLEAR DETONATION ...Air Pollution Analysis; Fallout -see Radioactive; Radiation Effects - Biological; Radioactive Fallout; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Spectrographic Techniques; ...5.0007

HIGH TEMPERATURE STUDIES OF RADIOACTIVE FALLOUT PARTICLE FORMATION ...Chemical Mechanisms & Kinetics; Diffusion; Fallout -see Radioactive; Furnaces and Incinerators; Mechanism Determination; Radiation; Rate of Reaction; ...5.0046

AEC OFF-SITE RADIOLOGICAL SAFETY PROGRAM ...Atomic Plants; Food Contamination; Radioactive Fallout; Radioactivity; Thermoluminescent Detectors; ...5.0050

RADIATION PATHWAYS STUDIES ...Environmental Aspects; Hydrogen; Iodine; Radiation Injury Prevention; Radioactivity; Recovery - Production; Zinc; ...5.0061

CIVIL DEFENSE IMPLICATIONS OF A NUCLEAR POWER REACTOR IN A THERMONUCLEAR TARGET AREA ...Atomic Plants; Civil Defense; Core Reactors; Fission Products-see Radioact.; Nuclear Power; Radiation, Lethal Dose; X and Gamma Rays; ...5.0070

WEAPONRY--RADIATION DAMAGE BY NUCLEAR BLASTS ...Catalysis, Heterogeneous; Hmx; Nuclear; Photolysis; Propellants; Radiation Induced Chem. React.; Radiation Shielding; ...5.0166

EFFECTS OF RADIATION FROM NUCLEAR EXPLOSIONS ON NATURAL VEGETATION ...Geochemical Investigations; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Seismology; ...5.0203

WEAPONRY RADIATION PENETRATION IN MATTER FOR EVALUATING ATOMIC WEAPONS' EFFECTS ...Fast Neutrons; Plasmas; Radiation Penetration; X and Gamma Rays; ...5.0348

EFFECTS OF NUCLEAR ELECTROMAGNETIC PULSE (EMP) ON CIVIL SYSTEMS ...Electromagnetic Field; Electronic Components; Radiation Shielding; ...5.0641

HASTY RURAL SHELTERS AND IMPROVISED LIFE-SUPPORT EQUIPMENT ...Building Construction; Building Design; Fission Products-see Radioact.; Pumps; Rural Areas; ...5.0934

SPECTRAL MEASUREMENT OF NUCLEAR THERMAL OUTPUT FOR HAZARD PREDICTION ...Heat Transmission; Military Sciences; Radiation -see Specifics; Radiation Injury Prevention; ...5.0944

Nuclear Power

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Energy Conversion; Heat Recovery, Industrial; Plant Freshwater Ecology; Public Utilities; Social Aspects; Thermal Pollution; ...2.0352

REDUCTION OF RADIOISOTOPES IN HANFORD REACTOR EFFLUENTS ...Atomic Plants; Effluents - Waste Water; Energy Conversion; Nuclear Reactors; Radioactive Isotopes; Water Pollution Sources; ...2.1445

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Conflicts; Ecological Effects; Electric Power Plants; Environmental Geology; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...2.1755

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Generators; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...California; Data Reduction and Analysis; Fluid Mechanics; Ocean; Ocean Waves -see Waves; Pacific Ocean; Salinity; Sewer Systems; Thermal Properties; ...5.0048

REACTOR SITE INVESTIGATIONS ...Foundations; Geology - general; Nuclear Reactors; Power Plants -see Specifics; Seismology; Structure Sites; ...5.0029

CIVIL DEFENSE IMPLICATIONS OF A NUCLEAR POWER REACTOR IN A THERMONUCLEAR TARGET AREA ...Atomic Plants; Civil Defense; Core Reactors; Fission Products-see Radioact.; Nuclear Detonations; Radiation, Lethal Dose; X and Gamma Rays; ...5.0070

Nuclear Reactors

METEOROLOGY FOR NUCLEAR REACTORS ...Atmospheric Dynamics; Automatic Weather Stations; Fluid Mechanics; Ohio; Radioactivity; Urban Research -general; ...1.0027

REDUCTION OF RADIOISOTOPES IN HANFORD REACTOR EFFLUENTS ...Atomic Plants; Effluents - Waste Water; Energy Conversion; Nuclear Power; Radioactive Isotopes; Water Pollution Sources; ...2.1445

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies; Atomic Plants; Effluents - Waste Water; Environmental Physiology; Invertebrate Physiology; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1708

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aqustic Ecology - Animal; Atomic Plants; Conflicts; Ecological Effects; Electric Power Plants; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...2.1755

SIMULATION MODELING OF ENVIRONMENTAL EFFECTS OF THERMAL GENERATION ...Atomic Plants; Columbia River; Electric Power Plants; Environment; Great Lakes -see Specific Lake; Model Studies; Simulation Theory; ...2.1759

TREATMENT AND DISPOSAL OF CONDENSATE WASTES FROM HIGH LEVEL WASTE SOLIDIFICATION PROCESSES ...Atomic Plants; Crystallization; Distillation; Fuel; Temperature Effects; Waste Management -see Specific; 3.0339

RESEARCH ON FAULTS AND FAULT ACTIVITY FOR LAND-USE PLANNING ...Environmental Geology; Environmental Hazards; Faults - Geology; Literature Search; Planning; Transportation Management; ...5.0015

MICROFLORA IN THE SURROUNDINGS OF REACTORS, IRRADIATION PLANTS, & OTHER AREAS WITH A HIGH LEVEL OF IRRADIATION OVER A LONG DURATION (ABBREV) ...Air Pollution Sampling; Impact on Environment; Microorganisms; Microorganisms -nonspecific; Radiation; Radiation Sensitivity -man; Radiation Sources -general; ...5.0026

REACTOR SITE INVESTIGATIONS ...Foundations; Geology - general; Nuclear Power; Power Plants -see Specifics; Seismology; Structure Sites; ...5.0029

NEUTRON DOSE BELOW 500 KEV IN A CRITICALITY ACCIDENT (PART OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY) (ABBREV) ...Accident; Dosimetry; Energy Conversion; Fast Neutrons; Neutron -see Radiation; Radioactive Hazard; ...5.0793

RADIATION SAMPLING IN ANTARCTICA ...Antarctica; Atomic Plants; Energy Conversion; Spectrographic Techniques; Waste Disposal; Water Pollution Sources; ...5.0810

ARMY PULSE RADIATION FACILITY (REACTOR OPERATION) ...Core Reactors; Military Sciences; Radiation Shielding; ...5.0849

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate, Dose Fractionation; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies -general; Water Pollution Sources; ...5.0881

RADIATION DETECTORS FOR USE IN NUCLEAR/CRITICALITY ACCIDENT DOSIMETRY ...Accident; Detectors; Dosimetry; Instrumentation; Neutron Detectors; Radioactive Hazard; Sulfur; ...5.0916

Breeder Reactors

SIMULATION MODELING OF ENVIRONMENTAL EFFECTS OF THERMAL GENERATION ...Atomic Plants; Columbia River; Electric Power Plants; Environment; Great Lakes -see Specific Lake; Model Studies; Simulation Theory; ...2.1759

Core Reactors

CIVIL DEFENSE IMPLICATIONS OF A NUCLEAR POWER REACTOR IN A THERMONUCLEAR TARGET AREA ...Atomic Plants; Civil Defense; Fission Products-see Radioact.; Nuclear Detonations; Nuclear Power; Radiation, Lethal Dose; X and Gamma Rays; ...5.0070

ARMY PULSE RADIATION FACILITY (REACTOR OPERATION) ...Military Sciences; Nuclear Reactors; Radiation Shielding; ...5.0849

Criticality

RADIATION DETECTORS FOR USE IN NUCLEAR/CRITICALITY ACCIDENT DOSIMETRY ...Accident; Detectors; Dosimetry; Instrumentation; Neutron Detectors; Radioactive Hazard; Sulfur; ...5.0916

Fuel

TREATMENT AND DISPOSAL OF CONDENSATE WASTES FROM HIGH LEVEL WASTE SOLIDIFICATION PROCESSES ...Atomic Plants; Crystallization; Distillation; Nuclear Reactors; Temperature Effects; Waste Management -see Specific; ...3.0339

Research Reactors

DIAMOND ORDNANCE RADIATION FACILITY OPERATION ...Radiation Sources -general; Thermal Neutrons; X and Gamma Rays; ...5.0027

RADIATION DOSIMETRY ...Beta Particles; Energy Conversion; Neutron -see Radiation; Radiation Sources -general; Scintillation Counting; Thermal Neutrons; X and Gamma Rays; ...5.0861

HEALTH PHYSICS RESEARCH REACTOR AND MONOENERGETIC RADIATIONS FACILITY ...Dosimetry; Ionizing Radiation -see Rad.; Radiation Injury Prevention; Radioactive Hazard; Spectrographic Techniques; Van De Graaff Accelerator; X and Gamma Rays; ...5.0925

Nuclear Structure

NUCLEAR PHYSICS PROGRAM ...Contamination -see Air & Water; Mercury; ...2.0196

ATOMIC AND NUCLEAR RESEARCH WITH ACCELERATORS ...Attenuation; Fission Products-see Radioact.; Ionizing Radiation -see Rad.; Residues in Foods; ...4.0320

RADIATION CARCINOGENESIS ...Digestive System - Human; Muridae; Radiation Carcinogenesis; Radioactive Isotopes; Radioisotopes -nonspecific; Tumor Pathology; X and Gamma Rays; ...5.0378

THEORETICAL DOSIMETRY AND RADIOLOGICAL PHYSICS ...Beta Particles; Dosimetry; Radiation Injury Prevention; Radiation Penetration; Radiation Shielding; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0809

NAVY ENVIRONMENT--RADIOISOTOPE STUDIES ...Beta Particles; Radiation Penetration; Radiation Shielding; ...5.0890

Nuclear Warfare

PREDICTION OF TOTAL CONSUMPTION OF FALLOUT RADIONUCLIDES BY HUMANS FROM MILK (ABBREV) ...Cesium; Food Contamination; Iodine; Mathematical Models; Radiologic Health; Radiologic Warfare; Strontium; ...5.0055

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - BASIC RADIATION ESTIMATES ...Atomic Bomb; Japan; Radiologic Health; X and Gamma Rays; ...5.0227

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - POPULATION STUDIES ...Atomic Bomb; Demography; Radiation Effects - Biological; X and Gamma Rays; ...5.0228

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - GROWTH AND DEVELOPMENT STUDIES ...Aging; Atomic Bomb; Digestive System - Human; Japan; Radiation Effects - Biological; ...5.0229

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - MORTALITY STUDIES ...Aging; Atomic Bomb; Human Developmental Biology; Japan; ...5.0230

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - SPECIFIC DISEASES OR DISORDERS STUDIES ...Atomic Bomb; Digestive System - Human; Exercise; Human Developmental Biology; Japan; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0232

AIRCREW VISUAL IMPAIRMENT/INJURY THRESHOLDS FROM NUCLEAR WEAPONS ...Cell Injury and Autolysis; Mam-

mals -nonspecific; Radiation; Radiation Dose Studies-general; Radiologic Health; ...5.0357

EFFECTS OF THERMAL RADIATION ON PERSONNEL IN NUCLEAR WARFARE ...Burns; Mathematical Models; Military Personnel; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; Toxic Substances; ...5.0373

OCULO-VISUAL EFFECTS - PHYSICAL STIMULUS IN NUCLEAR WARFARE ...Burns; Military Personnel; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; ...5.0374

TOXICITY OF INHALED 90SR CHLORIDE IN THE BEAGLE DOG ...Aerosols; Canidae; Respiratory Irritants, Inhaled; Urine; ...5.0428

BIOMEDICAL EFFECTS OF EXPLOSIONS ...Atomic Bomb; Civil Defense; Injury and Shock; Radioisotopes -nonspecific; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0437

STATISTICAL ANALYSIS OF LONGITUDINAL GROWTH DATA ON ADOLESCENTS EXPOSED IN UTERO TO THE ATOMIC BOMBS, HIROSHIMA & NAGASAKI ...Atomic Bomb; Environmental Effects - Human; Human Developmental Biology; Radiation Effects - Biological; ...5.0488

OPTIC LENS OF MAN - INCIDENCE OF MINUTE, DISCRETE SUBCAPSULAR OPACITIES WITH AGING OR FOLLOWING IRRADIATION ...Aging; Atomic Bomb; Occupational Hazards; Radiation Effects - Biological; Radiation, Low Level; Radiologic Health; X and Gamma Rays; ...5.0515

EFFECTS OF IRRADIATION UPON AIRCREW EQUILIBRIUM ...Aviation Medicine; Environmental Effects - Human; Pilots; Radiologic Health; ...5.0698

RADIATION EFFECTS ON CREW-TYPE MULTIPLE TASKS ...Environmental Effects - Human; Primates -nonspecific; Radiation Effects - Biological; X and Gamma Rays; ...5.0699

COMPUTER DATA REDUCTION FOR AIRCREW FLASHBLINDNESS PREDICTION ...Burns; Computer Methods - general; Occupational Hazards; Radiation -see Specifics; Radiation Injury Prevention; Spectrographic Techniques; 5.0701

BIOLOGICAL EFFECTS OF RADIATION EXPOSURES FROM LONG DURATION FLIGHTS AND REPEATED MISSIONS IN LOW DOSE LEVEL ENVIRONMENTS ...Altitude; Beta Particles; Military Personnel; Pilots; Radiation, Low Level; X and Gamma Rays; ...5.0704

NAVY RADIOLOGICAL CONTROL TEAM ...Accident; Cooperative Studies; Military Personnel; Occupational Hazards; Radiation Injury Prevention; ...5.0854

Nucleation

A STUDY OF THE FACTORS CONTROLLING THE FORMATION OF LARGE NUMBERS OF CONDENSATION NUCLEI IN CLEAN GLOBAL AIR ...Adirondack Province; Effects; Fog, Haze, Mist; Heat Transmission; New York; Nucleation Physics; Organic Compounds; ...1.0882

HOMOGENEOUS NUCLEATION IN CONTAMINATED ATMOSPHERES ...Adsorption; Condensation Physics; Gases; Humidity - Water Vapor; Particulates - Air Pollution; ...1.0882

Nutrient Studies -animal

ENVIRONMENTAL INVENTORY, AQUATIC AND TERRESTRIAL, BELEWS CREEK-BELEWS LAKE, N.C. ...Aquatic Ecology - Animal; Chemical Water Properties; Electric Power Plants; Ponds; Power Reservoirs, Pre-impoundment Sites; Water Standards & Baselines; ...2.0286

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties; Contamination - Water; Environmental Influences; Mineral Nutrition; Photosynthesis; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines; ...2.0298

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Atomic Plants; Columbia River; Energy Conversion, Fish; Periphyton; Phosphorus and Phosphorus Cpds, Water Pollution Sources; Zinc; ...2.0420

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Animal Productivity; Aquatic Plants -nonspecific; Glaciology; Mineralogical Water Properties; Nutrients; Plant Productivity -general; Sub - Polar Regions; Wild Rivers; ...2.0472

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; Zooplankton; ...2.0477

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

MAYFLY DISTRIBUTION AS A WATER QUALITY INDEX ...Animal Habitat Studies; Animal Productivity; Environmental Ecology; Mississippi River; Range Or Territorial Distr.; Turbidity (water); Water Quality -general; ...2.0648

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants; Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Organic Matter; Plant Productivity - general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

ENVIRONMENTAL CONTROL SYSTEM FOR OYSTER FARMING ...Chemical Measurements (water); Circulation (water); Delaware; Salinity (water); Spawning & Nesting Sites; Temperature (water); ...2.1521

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Animal Productivity; Aquatic Soils; Environmental Changes; Fish; Lakes; Population Dynamics -general; Water Analysis; ...2.1587

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants; Induced Temperature; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

Nutrition

FLUOROSIS IN PLANTS AND ANIMALS ...Air Pollution -see Specifics; Bovidae -other; Equidae; Injury -animal; Ovis; ...1.0428

EFFECT OF NITRATE AND NITRITE IN THE DRINKING WATER ON PERFORMANCE OF MARKET TURKEYS ...Contamination - Water; Melliagris; Mineralization; Potable Water; Water Supply -general; Water Utilization -animal; ...2.0156

EFFECTS OF SODIUM NITRATE AND WATER CONTAMINANTS ON TURKEY PERFORMANCE ...Animal Pharmacology; Contamination - Water; Environmental Physiology; Melliagris; Physiological Effects; Pollution Effects -see Water; Water Utilization -animal; ...2.1513

CHRONIC EFFECTS OF HEAVY METALS ON FISH ...Animal Pharmacology; Contamination - Water; Lepomis Macrochirus; Percidae; Pollution Effects -see Water; Radioisotopes -nonspecific; Zinc; ...2.1597

EFFECTS OF CHEMICALLY AND BIOLOGICALLY MODIFIED PULPING EFFLUENTS ON THE PRODUCTION OF FISH ...Animal Productivity; Effluents - Waste Water; Fish and Shellfish, Irrigation, Pollution Effects -see Water; Tides; Water Purification; ...2.1676

METABOLIC ROLE OF INORGANIC ELEMENTS IN SALMONIDS - 15 - EFFECT OF TOXIC LEVELS OF COPPER OR ENZYME ACTIVITIES ...Adenosine Triphosphate; Contamination - Water; Mineralogical Water Properties; Salmonidae; Stress Effects; ...2.1750

EVALUATE PERFORMANCE OF POULTRY AS AFFECTED BY WATER QUALITY ...Biological Effects; Chlorine; Filtration; Ponds; Water Utilization -animal; West Virginia; ...2.1774

PESTICIDE DEPOSITION IN POULTRY ...Chemical Analysis; DDT; Food Contamination; Laboratory Animals; Pesticide in Food Chains; Pesticide Residues in Feeds; Residues in Foods; ...4.0538

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Bioassay; Estuaries; Methoxychlor; Pesticide Action on Animals; Pesticide Application Rates; ...4.0545

EFFECTS OF THE CHEMOSTERILANT, TEPA, ON INSECTIVOROUS SONGBIRDS ...Birds; Insect Chemosterilants -ns.; Passeriformes; Population Dynamics -general; Washington; ...4.0576

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...DDT; Lindane; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.0612

RESPONSE OF RATS TO DIETS CONTAINING MULTIPESTICIDE COMPONENTS ...DDT; Muridae; Parathion; Pesticide Interaction -gen.: Zinc; ...4.0615

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...Bioassays; DDT; Malathion; Methoxychlor; Muridae; Pesticide in Food Chains; Residues in Foods; ...4.0634

FUR ANIMAL STUDIES (MINK) ...Chemical Analysis; DDT; Domestic Animals; Muridae; Mustelidae; Pesticide Formulation; Pesticide Residues Removal; TDE; ...4.0664

THE UPTAKE OF AND BIOLOGICAL RESPONSES TO AROCLORS IN CHANNEL CATFISH ...Aroclor; Fish; Ictalurus Punctatus; Oral; Pesticide Action on Animals; ...4.0695

EFFECTS OF CHEMICAL POLLUTANTS ON AVIAN REPRODUCTION ...Birds; Calification -vertebrate; Chlorinated Hydrocarbons; Dove; Pesticide Action on Animals; Pesticide in Food Chains; ...4.0767

TO DETERMINE LEVELS OF DDT AND METABOLITES IN SERUM, MUSCLE AND WHOLE FISH OF STRAINS OF SALMONIDS (ABBREV) ...Bioassay; Chemical Analysis; DDT; Pesticide Action on Animals; Salmo Gairdneri; Salmo Trutta; ...4.0831

CHEMICAL RESIDUES IN MILK ...Bos; Domestic Animals; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.0850

PHOSPHOROUS INSECTICIDES EFFECT ON SULFATE FIXATION ...Calcium Sulfamate; Laboratory Animals; Malathion; Muridae; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0851

CAUSES OF ABORTIONS IN DAIRY CATTLE WITH PARTICULAR REFERENCE TO PESTICIDES AND MOLD TOXINS ...Aspergillus; Domestic Animals; Gibberella; Pesticides -nonspecific; ...4.0917

CHRONIC TOXICITY OF PESTICIDES TO COLD-WATER FISH ...Animal Pharmacology; Fish; Pesticide Residues; Pesticides -see Pesticide; Shock -animal; ...4.0920

SWEET CLOVER TOXICITY AND CHEMICAL AND PHYSIOLOGICAL STUDIES ON DICUMAROL AND WARFARIN ...Animal Pharmacology; Chemical Analysis; Laboratory Animals; Muridae; Pesticide Action on Animals; Warfarin; ...4.0996

Food Processing - Additive

DEVELOPMENT OF PROCESSES FOR IMPROVED FEEDS FROM AGRICULTURAL WASTES ...Farm Animal Wastes; Plant Waste Removal, Treatment; Product Development Research; ...3.0361

Germ-free State

MECHANISM OF DIVALENT ION ABSORPTION ...Arsenic; Cobalt; Gallus Domesticus; Iron; Mercury; Whole Body; Zinc; ...5.0256

Radiation Effects

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Bos; Copper; Iodine; Laboratory Animals; Muridae; Sus; X and Gamma Rays; ...5.0246

MECHANISM OF DIVALENT ION ABSORPTION ...Arsenic; Cobalt; Gallus Domesticus; Iron; Mercury; Whole Body; Zinc; ...5.0256

ANIMAL METABOLISM OF FISSION PRODUCTS AND RELATED NUCLIDES ...Beta Particles; Calcium; Ovis; Radioactive Fallout-cf Fallout; Rumen Bacteria; Sus; Yttrium; ...5.0611

RADIOTOXICITY OF FISSION PRODUCT ELEMENTS ...Beta Particles; Injury -animal; Radioactive Pollution -as; Vertebrates Excl. Man; Yttrium; Zinc; ...5.0612

IRRADIATION OF MILK COWS ...Bos; Vertebrates Excl. Man; X and Gamma Rays; ...5.0621

RADIATION STUDIES ON LIVESTOCK UNDER SIMULATED FALLOUT CONDITIONS ...Animal Productivity; Bos; Radioactive Fallout-cf Fallout; Sus; X and Gamma Rays; ...5.0659

RADIOIODINE AND LARGE ANIMALS ...Bos; Iodine; Radiation Dose Studies-general: Vertebrates Excl. Man; ...5.0671

THE METABOLISM OF STRONTIUM AND RELATED NUCLIDES IN POULTRY ...Calcium; Gallus Domesticus; Phosphorus; Phosphorus and Phosphorus Cpds; Strontium; Vertebrates Excl. Man; X and Gamma Rays; ...5.0673

Stress Effects

METABOLIC ROLE OF INORGANIC ELEMENTS IN SALMONIDS - 15 - EFFECT OF TOXIC LEVELS OF COPPER ON ENZYME ACTIVITIES ...Adenosine Triphosphate; Contamination - Water; Mineralogical Water Properties; Nutrition; Salmonidae; ...2.1750

Occupational Hazards

COMBUSTION PRODUCTS FROM THE INCINERATION OF PLASTICS ...Air Pollution -see Specifics; Toxic Substances; Toxicology; ...1.0065

ATMOSPHERIC DUST AND MOLD SPORE STUDIES ...Air Pollution -see Specifics; Dust; Health & Geographic Factors; Mercury; North Dakota; Phosphorus and Phosphorus Cpds; ...1.0115

ACUTE TOXICITY OF HEATED ASBESTOS ...Air Pollution -see Specifics; Asbestos; Muridae; Respiratory Irritants, Inhaled; Toxicology; ...1.0181

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aircraft; Aviation Medicine; Detectors and Sensors; Military Personnel; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Tobacco - cigars; Toxic Substances; ...1.0194

EXPERIMENTAL INFECTIVE PNEUMOCONIOSIS ...Air Pollution -see Specifics; Asbestos; Bacterial Population Surveys; India; Miners; Respiratory Bacteria; Respiratory Irritants, Inhaled; ...1.0203

RESPIRATORY DISEASE AND ENVIRONMENTAL EXPOSURES ...Air Pollution -see Specifics; Asbestos; Environmental Effects - Human; Factory Workers; Respiratory Disease; Respiratory Irritants, Inhaled; Tobacco -cigarettes; ...1.0214

FACTORS AFFECTING EXCRETION OF INDUSTRIAL POISONS ...Air Pollution-chemistry; Biochemical Analysis - Tissues; Toxic Substances; Toxicology; Urine; ...1.0215

TOXIC EFFECTS OF AIR FORCE CHEMICALS AND MATERIALS ...Air Pollution -see Specifics; Aviation Medicine; Environmental Effects - Human; Mammals -nonspecific; Military Personnel; Toxic Substances; Toxicology; ...1.0218

URBAN CHRONIC DISEASE EPIDEMIOLOGICAL STUDY PROGRAM ...Air Pollution -see Specifics; Environmental Effects - Human; Social Aspects; Urban Environment; ...1.0224

ASBESTOS EXPOSURE-RISK IN DEFINED HUMAN POPULATIONS ...Air Pollution -see Specifics; Asbestos; Respiratory Irritants, Inhaled; ...1.0226

MODE OF ACTION OF ALKYLATING CARCINOGENS ...Air Pollution -see Specifics; Chemical Carcinogenesis; Muridae; ...1.0233

INVESTIGATIONS INTO THE TOXICOLOGY OF FLUORIDE ...Air Pollution -see Specifics; Fluorine; Muridae; Toxicology; ...1.0237

COMPLETE COLLECTION OF ANALYSES OF DATA ASSOCIATING HEALTH EFFECTS WITH EXPOSURE TO PB, AS, OR CD EMISSIONS FROM SMELTERS IN MONTANA & IDAHO ...Air Pollution -see Specifics; Arsenic; Chemical Analysis -general; Idaho; Lead; Miners; ...1.0279

OCCUPATIONAL HEALTH HAZARDS OF RUBBER DUST ...Air Pollution -see Specifics; Cercopithecoidea; Elastomers; Medical, Dental Materials; Toxicology; ...1.0287

BRITISH-NORWEGIAN MIGRANT STUDY ...Air Pollution -see Specifics; Health & Geographic Factors; Respiratory Disease; Respiratory Irritants, Inhaled; Tobacco Products &/or Smoking; ...1.0291

ENVIRONMENTAL ASSESSMENT OF AIR-BORNE COTTON AND FLAX DUSTS ...Air Pollution -see Specifics; Factory Workers; Foreign Agriculture; Gossypium; Linaceae; Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0302

HUMAN ADAPTATION OF CARDIO-PULMONARY FUNCTION TO HYPOBARIC, AQUATIC AND INDUSTRIAL ENVIRONMENTS ...Air Pollution -see Specifics; Anoxia and Hypoxia; Environmental Effects - Human; Metabolism & Metab. Diseases; Pressure; Temperature & Humidity Effects; ...1.0305

A BIOLOGIC INDICATOR FOR AIR POLLUTION ...Air Pollution -see Specifics; Caviidae; Environmental Effects - Human; Rural Areas; ...1.0317

THE APPLICATION OF THE DIFFRACTION SIZE FREQUENCY ANALYSER TO THE ASSESSMENT OF DUST HAZARDS IN CANADIAN INDUSTRY ...Air Pollution Sampling; Canada; Dust; Particulates - Air Pollution; ...1.0681

ANALYSIS OF CREW STATION BREATHING ATMOSPHERES ...Air Pollution -see Specifics; Space Science and Technology; ...1.0691

DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR THE MEASUREMENT OF TRACE CONTAMINANTS IN AIR FORCE MANNED WEAPON SYSTEMS ...Aviation Medicine; Controlled Atmosphere; Electron Spectroscopy; Military Personnel; Respiratory Irritants, Inhaled; Trace Analysis; ...1.0848

NAVY ENVIRONMENT SUITABILITY OF SALIVA SAMPLING FOR MONITORING BLOOD LEVELS OF INHALED POISONS AND OF ADMINISTERED MEDICATION ...Digestive System - Human; Environmental Effects - Human; Military Personnel; Respiratory Irritants, Inhaled; Toxic Substances; Toxicology; ...1.0853

AIDS FOR WASTEWATER SYSTEM PERSONNEL SAFETY AND ADVANCEMENT ...Consultants, Advisory Services; Waste Treatment; Water Quality Control -general; ...2.1814

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Air Pollution -see Specifics; Food Contamination; Pesticide Toxicity in Humans; Physiological Effects; Radiation, Low Level; Residues in Foods; Toxicology; Water Pollution -see Specifics; ...4.0658

ANALYSIS OF BIO-ACTIVE CHEMICALS FOR POSSIBLE HAZARDOUS PROPERTIES ...Air Pollution -see Specifics; Chemical Analysis; Insecticides -nonspecific; Pesticide Toxicity in Humans; Preventative Measures; ...4.0672

COMMUNITY STUDY ON PESTICIDES ...Air Pollution -see Specifics; DDT; Methyl Parathion; Parathion; Pesticide Rates - general; Pesticide Toxicity in Humans; Toxicology; ...4.0686

BLOOD CHOLINESTERASE IN AERIAL APPLICATOR CREWS ...Accident; Organophosphorous Cpds.; Pesticide Toxicity in Humans; Pilots; Toxicology; ...4.0812

TOLERANCE TO CHOLINESTERASE INHIBITORS - EFFECTS OF ANTIDOTES ON TOLERANCE AND RECOVERY ...Disulfoton; Muridae; Organophosphorous Cpds.; Pesticide Safety Measures; Physiological Resistance; Toxicology; ...4.0817

RADON PROGENY INHALATION EXPOSURES TO URANIUM MINERS ...Environmental Carcinogenesis; Lead; Polonium; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0023

NAVY ENVIRONMENT--EPIDEMIOLOGICAL STUDY OF MICROWAVE INJURY IN NAVAL PERSONNEL ...Human Developmental Biology; Interaction With Matter; Microwave and Radiofrequency; Radiation Effects - Biological; Radiologic Health; ...5.0028

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Colorado; Environmental Effects - Human; Miners; Radiation Carcinogenesis; Radiation Sources - general; Radon; Respiratory Irritants, Inhaled; Uranium; ...5.0044

INTERAGENCY REVIEW OF THE HEALTH HAZARDS OF URANIUM MINING - COMPARISON OF EXPERIMENTAL TO EMPIRICAL RESULTS ...Epidemiology; Miners; Radiation Carcinogenesis; Radiologic Health; Tumor Pathology; ...5.0060

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine, Environmental Hazards; Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

RADIATION INJURY ASSOCIATED WITH HIGH ALTITUDE FLIGHTS AND SPACE OPERATIONS ...Altitude; Beta Particles; Injury and Shock; Mammals -nonspecific; Protons; Radiation Effects - Biological; Radiologic Health; X and Gamma Rays; ...5.0079

NAVY ENVIRONMENT--EVALUATION OF THE SAFETY EXPOSURE LIMITS OF RADAR USED BY NAVAL PERSONNEL ...Interaction With Matter; Microwave and Radiofrequency; Military Personnel; Radar; Radiation Effects - Biological; Radiologic Health; ...5.0083

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

METABOLIC WARD ...Biochemical Analysis - Tissues; Carbon; Disaster; Radiation Injury Prevention; Urine; ...5.0112

THE EFFECT OF LASER ENERGY ON CELLS IN TISSUE CULTURES ...Cell Injury and Autolysis; Laser Effects -bioeffects; Military Personnel; ...5.0173

THE CYTOGENETICS OF URANIUM MINERS EXPOSED TO RADON 222 ...Bioassays; Body Isotope Burden; Radiation Carcinogenesis; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0207

NAVY ENVIRONMENT - NONTHERMAL HAZARDS OF EXPOSURE TO RADIOFREQUENCY AND MICROWAVE FIELDS ...Environmental Effects - Human; Interaction With Matter; Microwave and Radiofrequency; Military Personnel; Mutagenesis -nonspecific; Radiation Effects - Biological; Radiologic Health; ...5.0216

RESPONSE OF CELLS DERIVED FROM SITS INJURED BY PHYSICAL TRAUMA, RADIATION OR INFECTIOUS AGT EXPOSURE ...Biological Dosimetry; Cell Injury and Autolysis; Cercopithecoidea; Military Personnel; Radiation; Radiologic Health; Trauma; ...5.0241

LASER SAFETY IN MILITARY TRAINING DEVICES ...Accident; Cell Injury and Autolysis; Laser Effects -bioeffects; Lasers and Masers; Military Personnel; ...5.0248

NAVY ENVIRONMENT - EFFECTS OF MICROWAVE RADIATION ON NAVAL PERSONNEL ...Interaction With Matter; Microwave and Radiofrequency; Military Personnel; Radiation Effects - Biological; Radiologic Health; ...5.0262

NEUTRON AND GAMMA RAY TOXICITY STUDIES EMPLOYING THE JANUS BIOLOGY REACTOR COMPLEX ...Accident; Aging; Digestive System - Human; Radiation Effects - Biological; Radiation, Lethal Dose; Rodentia -other; ...5.0278

MEASUREMENTS OF RADIOACTIVITY IN VIVO AND APPLICATIONS IN HUMAN RADIOBIOLOGY ...Accident; Promethium; Radiation, Low Level; Radiologic Health; Radium; ...5.0285

RADIATION DAMAGE TO RADIUM-BURDENED HUMANS ...Factory Workers; Radiation Carcinogenesis; Radium; ...5.0291

STUDY OF OCULAR EFFECTS OF CHRONIC EXPOSURE TO LASER RADIATION ...Injury and Shock; Laser Effects -bioeffects; Mammals -nonspecific; ...5.0337

CURRENT TRENDS IN SURVIVORSHIP OF RADIOLOGISTS ...Aging; Medical, Professional; Radiation Injury Prevention; Radiologic Health; ...5.0351

AIRCREW VISUAL IMPAIRMENT/INJURY THRESHOLDS FROM NUCLEAR WEAPONS ...Cell Injury and Autolysis; Mammals -nonspecific; Nuclear Warfare; Radiation; Radiation Dose Studies-general; Radiologic Health; ...5.0357

STUDY OF THE CANCER EXPERIENCE OF NON-URANIUM HARD ROCK MINERS IN THE ROCKY MOUNTAIN AREA ...Environmental Carcinogenesis; Miners; Radiation Sources - general; Respiratory Disease; Rocky Mountain System; ...5.0362

EFFECTS OF THERMAL RADIATION ON PERSONNEL IN NUCLEAR WARFARE ...Burns; Mathematical Models; Military Personnel; Nuclear Warfare; Radiation Injury Prevention; Radiologic Health; Toxic Substances; ...5.0373

OCULO-VISUAL EFFECTS - PHYSICAL STIMULUS IN NUCLEAR WARFARE ...Burns; Military Personnel; Nuclear Warfare; Radiation Injury Prevention; Radiologic Health; ...5.0374

EFFECT OF URANIUM ON THE TRACHEOBRONCHIAL TREE ...Colorado; Meetings; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0423

METABOLISM AND DOSIMETRY OF 90SR INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Canidae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Yttrium; ...5.0427

DISTRIBUTION AND EXCRETION OF 137 CS INHALED IN FUSED CLAY PARTICLES BY THE DOG ...Aerosols; Cerium; Fission Products-see Radioact.; Radiation Injury Prevention; Radioactive Isotopes; Strontium; ...5.0429

RADIATION DOSE PATTERNS ASSOCIATED WITH INHALATION OF ALPHA-EMITTING RADIONUCLIDES BY THE BEAGLE DOG ...Aerosols; Canidae; Digestive System - Human; Radiologic Health; ...5.0432

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Biochemical Analysis - Tissues; Fission Products-see Radioact.; Radiation Injury Prevention; Radioactive Isotopes; Respiratory Irritants, Inhaled; ...5.0436

IN VIVO MEASUREMENT OF PLUTONIUM LUNG BURDENS IN HUMANS ...Factory Workers; Gas Filled Detectors; Plutonium; Radiation Effects - Man; Radioactive Isotopes; Radiologic Health; Scintillation Counting; ...5.0457

FATE OF RADIUM AND OTHER RADIONUCLIDES IN LIVING ORGANISMS ...Body Isotope Burden; Canidae; Lead; Radium; Tungsten; ...5.0499

OPTIC LENS OF MAN - INCIDENCE OF MINUTE, DISCRETE SUBCAPSULAR OPACITIES WITH AGING OR FOLLOWING IRRADIATION ...Aging; Atomic Bomb; Nuclear Warfare; Radiation Effects - Biological; Radiation, Low Level; Radiologic Health; X and Gamma Rays; ...5.0515

CORRELATION OF LIFETIME HEALTH & MORTALITY EXPERIENCE OF AEC & CONTRACTOR EMPLOYEES WITH OCCUPATIONAL RADIATION EXPOSURE (ABBREV) ...Atomic Bomb; Radiation Sources -general; Radiation, Low Level; Radioactive Hazard; Radiologic Health; ...5.0589

COMPUTER DATA REDUCTION FOR AIRCREW FLASHBLINDNESS PREDICTION ...Burns; Computer Methods - general; Nuclear Warfare; Radiation -see Specifics; Radiation Injury Prevention; Spectrographic Techniques; ...5.0701

BIOLOGICAL EFFECTS OF RADIATION EXPOSURES FROM LONG DURATION FLIGHTS AND REPEATED MISSIONS IN LOW DOSE LEVEL ENVIRONMENTS ...Altitude; Beta Particles; Military Personnel; Nuclear Warfare; Pilots; Radiation, Low Level; X and Gamma Rays; ...5.0704

LASER DAMAGE THRESHOLDS IN LIVING CELLS FOR OPERATIONAL SAFETY CRITERIA ...Cell Injury and Autolysis; Laser Effects -bioeffects; Radiation Dose Studies-general; ...5.0706

HUMAN BODY INTERACTION TO RF ENVIRONMENTS ...Data Reduction and Analysis; Electromagnetic Field; Interaction With Matter; Microwave and Radiofrequency; Statistics; ...5.0730

SPACE NUCLEAR SYSTEMS STUDIES ...Aerosols; Body Isotope Burden; Chemical Mechanisms & Kinetics; Plutonium; Radiation Dose Studies-general; Radioactive Hazard; Space Medicine - Exobiology; Sus; ...5.0735

URANIUM MINERS EXFOLIATIVE PATHOLOGY ...Canidae; Plutonium; Radiation Effects - Biological; Radon; Tobacco - cigarettes; Uranium; ...5.0737

NAVY ENVIRONMENT--PHYSIOLOGICAL, PATHOLOGICAL AND BEHAVIORAL EFFECTS OF MICROWAVE RADIATION ...Microwave and Radiofrequency; Microwave Engineering; Military Personnel; Radiation Effects - Biological; Radiologic Health; ...5.0740

INHALATION HAZARDS TO URANIUM MINERS, BIOLOGICAL STUDIES ...Air Pollution -see Specifics; Canidae; Co-carcinogenesis; Miners; Radiation Carcinogenesis; Radon; Tobacco - cigarettes; ...5.0754

U.S. TRANSURANIUM REGISTRY OF AEC, AEC CONTRACTOR AND LICENSEE EMPLOYEES ...Americum; Mammals - nonspecific; Plutonium; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0756

CHRONIC RADIATION EXPOSURE - CORRELATION OF RADIATION EXPOSURE WITH BIOLOGICAL EFFECTS ON MAN ...Injury and Shock; Radiation Effects - Man; Radiation, Low Level; Radiologic Health; ...5.0757

STUDIES ON THE EFFECTS (BIOCHEMICAL, MORBIDITY AND MORTALITY) OF RADIOACTIVE CONSTITUENTS OF URANIUM ORE ON HEALTH OF WORKERS ...Air Pollution - see Specifics; Miners; Radiation Carcinogenesis; Respiratory Disease; Tobacco -cigarettes; Uranium; ...5.0770

HIGH FREQUENCY ELECTROMAGNETIC HAZARD MEASUREMENTS ...Biological Dosimetry; Dosimeters -see Dosimetry; Electromagnetic Field; Instrumentation; Monkey; Radiation Sources -general; ...5.0800

RADON PROGENY INHALATION STUDY ...Air Pollution -see Specifics; Miners; Radiologic Health; Radon; Respiratory Irritants, Inhaled; Whole Body; ...5.0802

INSTRUMENTATION FOR IN VIVO DETERMINATION OF INSOLUBLE PLUTONIUM IN THE LUNG ...Alpha Particles; Instrumentation; Plutonium; Radiologic Health; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0822

SINUS DOSIMETRY IN RADIUM POISONING CASES ...Alpha Particles; Radiation Carcinogenesis; Radium; ...5.0827

RESEARCH WITHIN THE FRAMEWORK OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY ...Accident; Dosimetry; Instrumentation; Neutron -see Radiation; Radiation Instruments; Radiologic Health; ...5.0839

EVALUATION OF THERMOLUMINESCENT DOSIMETERS AS A HEALTH PHYSICS TOOL ...Cancer; Dosimetry; Radiologic Health; X and Gamma Rays; ...5.0846

NAVY RADIOLOGICAL CONTROL TEAM ...Accident; Cooperative Studies; Military Personnel; Nuclear Warfare; Radiation Injury Prevention; ...5.0854

RELATIONSHIP BETWEEN THE PHYSICAL PROPERTIES OF INHALED AEROSOLS AND RESPIRATORY DEPOSITION ...Aerosols; Miners; Models (physical) of Anim.&man; Radiation Injury Prevention; Radiologic Health; Radium; Respiratory Irritants, Inhaled; ...5.0874

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution Effects; Energy Conversion; Environmental Hazards; Radiation Instruments; Radioactive Isotopes; Radiologic Health; ...5.0877

STUDIES OF URANIUM MINER HAZARDS ASSOCIATED WITH RADON ...Bioassays; Feces; Lead; Radiation Effects - Biological; Radon; Urine; ...5.0885

IN-VIVO MEASUREMENT OF RADIONUCLIDES IN MAN ...Calcium; Metabolism and Biochemistry; Potassium; Radiologic Health; X and Gamma Rays; ...5.0894

NAVY ENVIRONMENT - MEASUREMENT OF TISSUE DAMAGE IN NAVY PERSONNEL EXPOSED TO IONIZING RADIATION IN THE LINE OF DUTY ...Cell Injury and Autolysis; Ionizing Radiation -see Rad.; Radioactive Hazard; X and Gamma Rays; ...5.0913

REMOVAL OF AM-241 FROM HUMANS WITH DTPA ...Americum; Plutonium; Radiation Injury Prevention; Radioactive Hazard; Radiologic Health; Scintillation Counting; ...5.0914

PERSONNEL EXPOSURE CRITERIA FOR OPERATIONAL RADIOFREQUENCY RADIATION ENVIRONMENTS ...Interaction With Matter; Microwave and Radiofrequency; Radiation Dose Studies-general; Radiation Injury Prevention; Radiologic Health; ...5.0945

SPECULATED RISK TO BONE AND LIVER FROM 239PU ...Canidae; Digestive System - Human; Models (physical) of Anim.&man; Plutonium; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0953

BONE CANCER INDUCTION BY RADIONUCLIDES INCIDENCE VS DOSE ...Alpha Particles; Canidae; Muridae; Plutonium; Radiation, Low Level; Strontium; ...5.0954

INTERNAL DEPOSITIONS OF RADIONUCLIDES IN MAN ...Muridae; Plutonium; Promethium; Radiation Injury Prevention; Radiologic Health; Respiratory Irritants, Inhaled; Samarium; ...5.0957

INHALATION HAZARDS TO URANIUM MINERS - RADIOCHEMICAL STUDIES ...Aerosols; Mammals -nonspecific; Radiation Injury Prevention; Radioactive Isotopes; Radium; Scintillation Counting, Spectrographic Techniques; ...5.0961

WHOLE-BODY EFFECTS OF AIR FORCE NOISE ON PEOPLE ...Auditory Physiology; Aviation Medicine; Infra Red; Noise; Performance - Behavioral Study; Sensory & Perceptual Processes; Ultrasonic -bioeffects; ...6.0010

NOISE INDUCED DEAFNESS - MASKING AND SPEECH PERCEPTION ...Auditory Physiology; Auditory Stress; Hearing Loss and Deafness; Learning and Retention; Noise; Psychology; Sensory & Perceptual Processes; ...6.0070

IMPROVED WEAPON NOISE EXPOSURE CRITERIA ...Consultants, Advisory Services; Military Personnel; Noise; ...6.0085

Ocean Circulation -general

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - SUBPROJECT I - DETAILED EXPLORATION OF CS-137 AND CS-133 IN THE OCEAN ...Atmospheric Dynamics; Marine Environments; Pacific Ocean; Radioactivity; Sea Water Mass & Ocean Fronts; Trace Elements; ...2.0050

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Radioactive Fallout; Radioactivity; ...2.0187

STRONTIUM-90 FALLOUT OVER THE OCEAN ...Atlantic Ocean; Marine Environments; Ocean Mixing; Precipitation Gages; Radioactivity; Rain; Sea Water Sampling; ...2.0270

GEOSECS - OPERATIONS STAFF ...Data Reduction and Analysis; Man Machine Systems; Particle - Gas Transfer; Sampling; Sea Water Properties; Ships and Cruises; ...2.0503

OCEAN CIRCULATION ...Air Pollution; Atlantic Ocean; Marine Environments; Mathematical Models; Model Studies; Ocean Currents; Ocean Turbulence; Temperature; ...2.0508

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Gulf of Mexico; Marine Environments; Marine Pollution; Ocean Currents; Ocean Hydrodynamics; Sea Water Chemistry; Ships and Cruises; Temperature; Water Movement -general; ...2.0509

GEOSECS RADIOCARBON AND TRITIUM MEASUREMENTS ...Animal Productivity; Industrial Wastes; Marine Biology - General; Organics; Plant Productivity -general; Sea Water Chemistry; Sea Water Sampling; ...2.0548

GEOSECS - PREPARATIONS R/V KNORR, CONSTRUCTION GEOSECS BUILDING, PROVISION SHIPBOARD EQUIPMENT, AND THE GEOSECS SUMMER INSTITUTES ...Animal Productivity; Marine Biology - General; Marine Pollution; Ocean Mixing; Plant Productivity -general; Research Facilities; Sea Water Properties; Ships and Cruises; ...2.0621

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Gas Chromatography; Industrial Wastes; Marine Biology - General; Organics; Radioactivity; Sea Water Properties; Water Standards & Baselines; ...2.0699

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Carbon; Industrial Wastes; Marine Biology - General; Organics; Primary Productivity - Plants; Sea Water Chemistry; Sea Water Properties; ...2.0742

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish; Marine Animals; Marine Environments; Marine Photography-Television; Ocean Currents; Pacific Ocean; Radioactivity; Vertical Distribution; ...2.0972

STUDY OF WATER CURRENTS AND MOVEMENTS IN LAKE ERIE ...Energy Conversion; Lake Erie; Ocean Hydrodynamics; Stratification (water); Thermal Pollution; Water Pollution Abatement; ...2.1076

HORIZONTAL DISPERSION IN SHALLOW ESTUARIES OF IRREGULAR SHAPE ...Circulation (water); Development of Models; Dispersion (water); Estuaries; Gulf of Mexico; Model Studies; Water Quality -general; ...2.1107

Ocean Coring and Dredging

ELECTRICAL LOGGING IN AQUATIC ENVIRONMENTS ...Computer Models; Mapping; Marine Geology; Marine Pollution; Ocean Mining; ...2.0818

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1525

Ocean Currents

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; India; Marine Biology - General; Radioactivity; Radioecology - Plants; Salinity; Vertebrates Excl. Man; Water Pollution Sources; ...2.0136

OCEAN CIRCULATION ...Air Pollution; Atlantic Ocean; Marine Environments; Mathematical Models; Model Studies; Ocean Turbulence; Temperature; ...2.0508

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Gulf of Mexico; Marine Environments; Marine Pollution; Ocean Hydrodynamics; Sea Water Chemistry; Ships and Cruises; Temperature; Water Movement -general; ...2.0509

STANDARD MONITORING SECTIONS A-6 AND A-7 CRUISE AND AIGIST 1970 NERVE GAS DUMP SITE SURVEY ...Atlantic Ocean; Depth; Environmental Hazards; Marine Pollution; Salinity; Temperature; ...2.0536

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish; Marine Animals; Marine Environments; Marine Photography-Television; Ocean Circulation -general; Pacific Ocean; Radioactivity; Vertical Distribution; ...2.0972

COASTAL DIFFUSION OF POLLUTANTS ...Industrial Wastes; Ocean; Oregon; Physical Models; Pulp and Paper Wastes; Wind; ...2.1084

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

Ocean Hydrodynamics

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Gulf of Mexico; Marine Environments; Marine Pollution; Ocean Currents; Sea Water Chemistry; Ships and Cruises; Temperature; Water Movement -general; ...2.0509

SPACECRAFT OCEANOGRAPHY PROJECT ...Data Acquisition; Electronic Detection, Tracking; Management; Marine Pollution; Microwave Radiation; Sea Ice; Space Science and Technology; Spacecraft Sensory Devices; Visible Light; ...2.0541

STUDY OF WATER CURRENTS AND MOVEMENTS IN LAKE ERIE ...Energy Conversion; Lake Erie; Ocean Circulation -general; Stratification (water); Thermal Pollution; Water Pollution Abatement; ...2.1076

HYDROGRAPHY OF NEW YORK BIGHT IN RELATION TO OFFSHORE WASTE DISPOSAL ...Atlantic Ocean; Density; New Jersey; Salinity; Temperature; Waste Disposal-see Solid Waste; Water Movement -general; ...2.1332

Ocean Meteorological Studies

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Beta Particles; Canals; Dredging; Gamma Spectroscopy; Harbors; Marine Geology; Radioactivity; Seismology; ...2.0424

THEORETICAL ACOUSTICS ...Acoustics; Atlantic Ocean; Noise; Sound Attenuation Acoustics; Turbulence; ...6.0005

Ocean Mining

ELECTRICAL LOGGING IN AQUATIC ENVIRONMENTS ...Computer Models; Mapping; Marine Geology; Marine Pollution; Ocean Coring and Dredging; ...2.0818

GEO-ENVIRONMENTAL AND MINERAL RESOURCES PROGRAM ...Acoustical Properties; Great Lakes -see Specific Lake; Manganese; Ocean Profiles; Water Pollution Sources; ...2.0863

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ...Aquaria; Industrial Wastes; Mining Industry; Physiological Effects; Salinity (water); Temperature; Turbidity; Water Pollution Effects; ...2.1487

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Contamination - Water; Marine Animals; Marine Biology - General; Marine Environments; Marine Geology; Marine Pollution; Oil; Pacific Ocean; Sea Water Mass & Ocean Fronts; Ships and Cruises; ...2.1794

Ocean Mixing

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - SUBPROJECT I - DETAILED EXPLORATION OF CS-137 AND CS-133 IN THE OCEAN ...Atmospheric Dynamics; Marine Environments; Ocean Circulation -general; Pacific Ocean; Radioactivity; Sea Water Mass & Ocean Fronts; Trace Elements; ...2.0050

WORKSHOP ON EFFECTS OF ATOMIC RADIATION ON OCEANOGRAPHY ...Environmental Hazards; Marine Environments; Meetings; Radioactive Fallout; Sea Water Chemistry; ...2.0091

STRONTIUM-90 FALLOUT OVER THE OCEAN ...Atlantic Ocean; Marine Environments; Ocean Circulation -general; Precipitation Gages; Radioactivity; Rain; Sea Water Sampling; ...2.0270

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Marine Geology; Mercury; Pacific Ocean; Radioactivity; Sea Water Sampling; Trace Analysis; ...2.0418

LEAD IN AQUATIC ENVIRONMENTS ...Air Pollution; Estuaries; Industrial Wastes; Lead; Puget Sound; Seasonal Studies; Water Cycle; Water Standards & Baselines; ...2.0425

RADIOCARBON IN THE SEA ...Carbon; Marine Biology - General; Polar Oceanic Areas; Radioactivity; Ships and Cruises; Wind; ...2.0427

GEOSECS - ACQUISITION AND CONSTRUCTION OF SHIPBOARD ANALYTICAL EQUIPMENT AND HYDROGRAPHIC AND SAMPLING SYSTEMS ...Gas Chromatography; Marine Biology - General; Organics; Radioactivity; Sea Water Properties; ...2.0502

GEOSECS - OPERATIONS STAFF ...Data Reduction and Analysis; Man Machine Systems; Ocean Circulation -general; Particle - Gas Transfer; Sampling; Sea Water Properties; Ships and Cruises; ...2.0503

MEASUREMENTS OF BOMB-PRODUCED RADIOCARBON IN THE SURFACE AND SUB-SURFACE WATER OF THE PACIFIC OCEAN ...Indian Ocean -general; Marine Environments; Pacific Ocean; Particle - Gas Transfer; Radioactivity; Sea Water Sampling; Seismology; ...2.0505

OCEAN CIRCULATION ...Air Pollution; Atlantic Ocean; Marine Environments; Mathematical Models; Model Studies; Ocean Currents; Ocean Turbulence; Temperature; ...2.0508

GEOSECS RADIOCARBON AND TRITIUM MEASUREMENTS ...Animal Productivity; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Plant Productivity -general; Sea Water Chemistry; Sea Water Sampling; ...2.0548

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC

CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Gases; Marine Biology - General; Marine Environments; Mass Spectroscopy; Ocean; Organic Water Properties; Particle - Gas Transfer; Radioactivity; Waste Management -see Specific; ...2.0564

GEOSECS - PREPARATIONS R/V KNORR, CONSTRUCTION GEOSECS BUILDING, PROVISION SHIPBOARD EQUIPMENT, AND THE GEOSECS SUMMER INSTITUTES ...Animal Productivity; Marine Biology - General; Marine Pollution; Plant Productivity -general; Research Facilities; Sea Water Properties; Ships and Cruises; ...2.0621

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Gas Chromatography; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Radioactivity; Sea Water Properties; Water Standards & Baselines; ...2.0699

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Carbon; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Primary Productivity - Plants; Sea Water Chemistry; Sea Water Properties; ...2.0742

MIXING, DIFFUSION AND CIRCULATION RATES IN OCEAN WATERS ...Atlantic Ocean; Chemical Reactions; Gases; Marine Environments; Ocean Turbulence; Radioactivity; Sea Water Mass & Ocean Fronts; ...2.1067

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships -gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...California; Data Reduction and Analysis; Fluid Mechanics; Ocean; Ocean Waves -see Waves; Pacific Ocean; Salinity; Sewer Systems; Thermal Properties; ...3.0068

Ocean Profiles

VENTURA CALIFORNIA COOP ...Aquifers; Fresh Water; Groundwater Basins; Mapping; Marine Geology; Salinity; Seismology; Tectonic History - Mountains; ...2.0038

GEO-ENVIRONMENTAL AND MINERAL RESOURCES PROGRAM ...Acoustical Properties; Great Lakes -see Specific Lake; Manganese; Water Pollution Sources; ...2.0863

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

Ocean Turbulence

OCEAN CIRCULATION ...Air Pollution; Atlantic Ocean; Marine Environments; Mathematical Models; Model Studies; Ocean Currents; Temperature; ...2.0508

ANALYTICAL PHYSICAL MODEL ...Bays; Biological Water Properties; Marine Pollution; Mathematical Analysis; Mathematical Models; Physical Models; Rhode Island; Thermodynamics; ...2.0777

NAVY ENVIRONMENT--TURBULENT DIFFUSION AND EXCHANGE PROCESSES IN ESTUARINE, COASTAL AND OCEAN WATERS ...Estuaries; Forecasting - Prediction; Marine Environments; Radioactivity; Radiotracers -see Tracers; ...2.1034

MIXING, DIFFUSION AND CIRCULATION RATES IN OCEAN WATERS ...Atlantic Ocean; Chemical Reactions; Gases; Marine Environments; Radioactivity; Sea Water Mass & Ocean Fronts; ...2.1067

Ocean Waves -see Waves

INVESTIGATION OF RECOVERY OF LARGE MARINE OIL SPILLS BY USE OF A VORTEX ASSISTED AIR LIFT ...Fluid Mechanics; Hydraulics; Oil; Oil Removal; Petrolcum Wastes - Spillage; Physical Modes; Ships and Cruises; ...2.1444

A NEW LOOK AT THE OCEAN RECREATION MARKET ...Coastlines - Shorelines; Environment; Erosion; Recreation, Water Resources; Shoreline Structures; Types of Resources; Water Resources Planning; ...2.1924

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...California: Data Reduction and Analysis; Fluid Mechanics; Ocean; Pacific Ocean; Salinity; Sewer Systems; Thermal Properties; ...3.0068

THEORETICAL ACOUSTICS ...Acoustics; Atlantic Ocean; Noise; Ocean Meteorological Studies; Sound Attenuation Acoustics; Turbulence; ...6.0005

Oceanography -general

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII ...Activation Analysis; Air Pollution; Air Pollution Sampling; Antarctica; Atomic Absorption; Lead; Pacific Ocean; Trace Analysis; ...1.0138

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Energy Conversion; Heat Recovery, Industrial; Nuclear Power; Plant Freshwater Ecology; Public Utilities; Social Aspects; Thermal Pollution; ...2.0352

TRACE ELEMENT ANALYSIS BY DIRECT DETERMINATION ON ION EXCHANGE RESINS ...Analysis and Detection; Ion Exchange; Salt Water; Water Quality -general; X-ray Spectroscopy; ...2.0554

TURBULENCE IN A STRATIFIED FLOW ...Fluid Mechanics; Water Quality -general; Wind Tunnels; ...2.1044

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal; Bays; Florida; Social Aspects; Urban Environment; Urban Planning; Urban Research -general; Water Quality -general; Water Resources Planning; ...2.1809

MULTIPURPOSE REGIONAL MARINE SCIENCE CENTER (SEA LAB) ...Agricultural Economics; Economics & Technology; Management; Marketing; Water Pollution Effects; ...2.1889

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Benefit-cost Analysis; Demand and Use -recreation; Estuaries; Land Use; Rhode Island; Survey Studies (water); Water Quality Control -general; ...2.1911

Offshore Oil

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils; Benthic Organisms -nonspecific; Marine Animals; Marine Environments; Marine Geology; Pesticides -nonspecific; Petroleum -see Oil; Zooplankton; ...2.0560

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS ...Aquatic Soils; Coastlines - Shorelines; Degradation -see Pesticide Deg; Marine Biology - General; North Carolina; Petroleum -see Oil; Swamps - Marshes; Water Chemistry; ...2.1072

NAVY ENVIRONMENT - BIODEGRADATION OF OIL POLLUTANTS BY YEAST AND YEAST LIKE FUNGI ...Ascomycetes - nonspecific; Cellular Catabolism-see Degrad; Marine Plants; Yeasts -nonspecific; ...3.0025

NAVY ENVIRONMENT - BIODEGRADATION OF OIL SLICKS IN MARINE ENVIRONMENT ...Cellular Catabolism-see Degrad; Marine Biology - General; Oil; Petroleum -see Oil; Ship Wastes; Waste Water Degradation; ...3.0031

NAVY ENVIRONMENT ENZYMATIC REMOVAL OF OIL IN THE MARINE ENVIRONMENT ...Cellular Catabolism-see Degrad; Marine Biology - General; Petroleum -see Oil; ...3.0034

Ohio

METEOROLOGY FOR NUCLEAR REACTORS ...Atmospheric Dynamics; Automatic Weather Stations; Fluid Mechanics; Radioactivity; Urban Research -general; ...1.0027

THE EFFECTS OF ENVIRONMENTAL POLLUTANTS IN GERMFREE RODENTS ...Air Pollution -see Specifics; Cooperative Studies; Environmental Physiology; Muridae; ...1.0204

COMPLETE ANALYSIS OF DATA & PREPARE A REPORT ON THE RELATIONSHIP OF SOX & PARTICULATE AIR POLLUTION LEVELS TO SCHOOL ABSENCES IN CINCINNATI ...Air Pollution Effects; Air Pollution Monitoring; Social Aspects; Weather Data; ...1.0241

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Aerosols; Air Pollution Effects; Atmospheric Dynamics; Energy-radiation; Heat Balance - Budget; Parametric Statistics; Tectonics; Visibility; ...1.0409

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

STRIP-MINING AND WATER QUALITY ...Chemical Analysis (water); Mine Wastes; Spoil Banks; Strip Mines; Water Quality - general; ...2.0304

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks, Tectonics; Weathering Products; ...2.0308

STRIP-MINING AND WATER QUALITY ...Acidity (water); Chemical Analysis (water); Coal; Erosion; Mine Wastes; Rainfall Simulators; Spoil Banks; Thermal Poll. -see Water Poll.; ...2.0309

URBAN RUNOFF CHARACTERISTICS ...Mathematical Models; Sewer Systems; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0720

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water); Animal Productivity; Chemical Water Properties; Physical Water Properties; River Basins; Systems Analysis - Water Mgmt; Taxonomy -plant; Water Pollutant Identification; ...2.0722

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Aquatic Ecology - Animal; Eutrophic Lakes; Eutrophication; Plant Habitat Studies; Reservoirs and Impoundments; Survey Studies (water); Vertical Distribution; ...2.0729

A SYSTEMATIC AND ECOLOGICAL SURVEY OF THE ZOOPLANKTON AND PHYTOPLANKTON OF NORTHEASTERN OHIO GLACIAL LAKES ...Biological Water Properties; Ecological Effects; Eutrophication; Glaciology; Nutrients; Physical Water Properties; ...2.0730

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Aquatic Ecology - Animal; Biological Water Properties; Chemical Analysis (water); Data Acquisition; Fish; Organic Water Properties; Pollution Effects -see Water; Survey Studies (water); ...2.0731

FLORISTIC AND FAUNISTIC SURVEY IN THE CUYAHOGA RIVER WATERSHED ...Algae -nonspecific; Aquatic Ecology - Animal; Fish; Plant Freshwater Ecology; River Basins; ...2.0732

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage; Alkalinity (water); Automatic Data Aquisition; Chemical Water Properties; Mine Drainage Control; Mineralogical Water Properties; Water Properties -general; Zinc; ...2.0733

EFFECTS OF AUGMENTED STREAM FLOW ON WATER QUALITY ...Alkalinity (water); Chemical Analysis (water); Coliforms -nonspecific; Fluorine; ...2.0734

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

A SOCIO-ENVIRONMENTAL STUDY OF A RIVER VALLEY ...Costs -see Economics Entries; Mammals -nonspecific; River Basins; Social Aspects; Towns; ...2.1894

CONVERSION OF EXISTING ANAEROBIC DIGESTERS TO AEROBIC DIGESTERS - FULL PLANT SCALE ...Activated Sludge; Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Digestion; Filtration; Pulp and Paper Wastes; ...3.0267

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Aldrin; Dieldrin, Ictaluridae; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...4.0807

Ohio River

AUTOMATED FORECAST PROCEDURES FOR RIVER QUALITY MANAGEMENT ...Automatic Data Aquisition; Forecasting - Prediction; Mathematical Models; Storm Water; Water Quality - general; ...2.0714

COMBINED STEEL MILL AND MUNICIPAL WASTEWATERS TREATMENT ...Industrial Wastes; Iron and Steel Industry; Rainfall - Runoff Relationship; Sewage - Domestic; Sewage Treatment Plant; Water Pollution Sources; Water Standards & Baselines; ...2.1454

SIMULATION MODELING OF THERMAL EFFECTS ON SELECTED RIVER SYSTEMS ...Atomic Plants; Development of Models; Energy Conversion; Illinois River; Model Studies; River Basins; Water Pollution Effects; ...2.1754

REGIONAL MODELING OF SURFACE WATER TEMPERATURES FROM PROJECTED POWER GROWTH ...Atomic Plants; Computer Models: Forecasting - Prediction; Mississippi River; River Basins; Thermal Pollution; ...2.1760

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Effluents - Waste Water; Industrial Wastes; Management (water); Potomac River; Systems Analysis - Water Mgmt; Water Costs; Water Quality Control -general; ...2.1905

THE UPTAKE OF DIELDRIN IN THE THREE RIDGED NAIAD, AMBLEMA PLICATA ...Aquatic Ecology - Animal; Dieldrin; Molluscs; Pollution Effects -see Water; Water Pollutant Identification; ...4.0808

Oil and Natural Gas - Sulfur

REDUCTION OF ATMOSPHERIC POLLUTION BY THE APPLICATION OF FLUIDIZED-BED COMBUSTION ...Coal; Combustion Air Pollution-gen; Gases; Mechanism Determination; ...1.0550

GEOCHEMISTRY OF OILFIELD BRINES ...Analysis and Detection; Bromine; Gas -natural; Mineralogical Water Properties; Origin; Petroleum Wastes - Spillage; Trace Analysis; ...2.0312

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Drilling Operation; Groundwater; Iron; Pennsylvania; Underground Workings; Water Table; ...2.0340

ARCTIC ENGINEERING GEOLOGY (NASA) ...Alaska; Freight Service; Infrared Radiation; Petroleum Research; Surveying; Transportation Management; ...2.0497

COMPLETION OF AN ECOLOGICAL SURVEY CRUISE IN THE SOUTHEASTERN CHUKCHI SEA ...Alaska; Aquatic Plants - nonspecific; Marine Biology - General; Sea Water Properties; Water Standards & Baselines; ...2.0538

CHARACTERISTICS OF CRUDE OILS ...Alaska; Data & Statistics Info Storage; Fluid Properties; Rocky Mountain System; Wyoming; ...3.0410

Drilling Operation

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Groundwater; Iron; Pennsylvania; Underground Workings; Water Table; ...2.0340

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological Water Properties; Construction Land Use Effects; Environmental Ecology; Geological Exploration; Lakes; Marine Biology - General; Sea Ice; Water Standards & Baselines; ...2.0470

Fluid Dynamics - Migration

FEASIBILITY OF SUBSURFACE LIQUID-WASTE DISPOSAL IN PENNSYLVANIA ...Environment; Geology -general; Literature Search; Pennsylvania; Waste Disposal, Underground; ...2.1248

Fluid Properties

GEOCHEMISTRY OF OILFIELD BRINES ...Analysis and Detection; Bromine; Gas -natural; Mineralogical Water Properties; Origin; Petroleum Wastes - Spillage; Trace Analysis; ...2.0312

REHABILITATION OF A BRINE-POLLUTED AQUIFER ...Agricultural Studies -general; Aquifers; Arkansas; Brines; Irrigation; Water Pollution Abatement; Water Utilization -domestic; ...2.0962

CONSERVATION OF FRESH-WATER RESOURCES BY DEEP-WELL DISPOSAL OF LIQUID WASTES ...Burial; Engineering Geology; Geophysical Analysis; Mathematical Models; Porosity; Subsurface; ...2.1148

COMPATIBILITY OF SUBSURFACE RESERVOIRS WITH INJECTED LIQUID WASTES ...Chemical Analysis (water);

Economic Efficiency; Industrial Wastes; Porosity; Sediment Lithification; ...2.1149

CHARACTERISTICS OF CRUDE OILS ...Alaska; Data & Statistics Info Storage; Rocky Mountain System; Wyoming; ...3.0410

Origin

CHEMISTRY OF MINERALIZED WATERS ...Arsenic; Bromine; Chlorine; Fluorine; Geology -general; Iodine; Water Quality - general; ...2.0311

GEOCHEMISTRY OF OILFIELD BRINES ...Analysis and Detection; Bromine; Gas -natural; Mineralogical Water Properties; Petroleum Wastes - Spillage; Trace Analysis; ...2.0312

Recovery - Production

PROCESSING RETORTING WATERS AND GASES FOR POLLUTION CONTROL ...Effluents - Waste Water; Oil Shale; Waste Material Recovery; Water Costs; ...1.0664

SALINE WATER RESOURCES OF INDIANA ...Cooperative Studies; Groundwater; Indiana; Saline Water Intrusion; Water Pollutants - Path of; ...2.0138

SEISMOLOGICAL STUDIES - SANTA BARBARA ...California; Channels; Faults - Geology; Petroleum Wastes - Spillage; Seismology; Tectonics; ...2.0498

MINING-POLLUTION CONTROL TECHNOLOGY - OIL PRODUCTION GROUND-WATER RECLAMATION BY SELECTIVE PUMPING ...Brines; Groundwater Basins; Petroleum Industry; Petroleum Research; Waste Material Recovery; ...2.1082

WASTE DISPOSAL BY HYDRAULIC FRACTURING ...Drilling and Coring; New York; Radioisotopes; Seismology; Waste Disposal, Underground; Water Pollution Sources; ...2.1105

RECOVERY OF IRON IN A MORE DENSE FORM FROM COAL MINE DRAINAGE ...Acid Mine Wastes; Bench Scale; Mine Drainage Control; Mineral Processing Industry; Waste Material Recovery; ...2.1393

ARCTIC ENGINEERING GEOLOGY (TAPS) ...Alaska; Environmental Hazards; Geology -general; Permafrost - Frozen Soils; Polar Regions; Remote Sensing; ...3.0017

RADIATION PATHWAYS STUDIES ...Environmental Aspects; Hydrogen; Iodine; Nuclear Detonations; Radiation Injury Prevention; Radioactivity; Zinc; ...5.0061

Reservoir Characteristics

GEOCHEMISTRY OF OILFIELD BRINES ...Analysis and Detection; Bromine; Gas -natural; Mineralogical Water Properties; Origin; Petroleum Wastes - Spillage; Trace Analysis; ...2.0312

CONSERVATION OF FRESH-WATER RESOURCES BY DEEP-WELL DISPOSAL OF LIQUID WASTES ...Burial; Engineering Geology; Geophysical Analysis; Mathematical Models; Porosity; Subsurface; ...2.1148

Underground Storage

PLOWSHARE SPECIAL STUDIES ...Arizona; Copper; Geology - general; Management (water); Seismology; Soil Tillage; ...5.0021

Oil Shale

PROCESSING RETORTING WATERS AND GASES FOR POLLUTION CONTROL ...Effluents - Waste Water; Recovery - Production; Waste Material Recovery; Water Costs; ...1.0664

VEGETATIVE STABILIZATION OF MINE TAILINGS, WASTES, AND SPOILS ...Climates -general; Gramineae -other; Mineral Nutrition; Setaria; Soil Chemical Properties; Spoil Banks; ...2.0077

PROCESSING RETORTING WASTE WATERS ...Chemical Manufacturing Wastes; Oil Removal; Petroleum Wastes - Spillage; Process Design; Waste Disposal-see Solid Waste; Waste Material Recovery; ...2.1464

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

EFFECTS OF CHEMICAL VARIATIONS IN AQUATIC ENVIRONMENTS ...Aluminum; Chemical Analysis (water); Colorado River; Data Acquisition; Lead; Salinity (water); ...2.1512

PROJECT B - CONVERSION OF OIL SHALE AND SHALE OIL - PART 2 - IN SITU RETORTING OF OIL SHALE ...Energy Conversion; Petroleum Research; ...3.0408

Oklahoma

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Acid Mine Drainage; Aquatic Plants - nonspecific; Biological Effects; Iowa; Lakes; Population Dynamics -general; Strip Mines; ...2.0024

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Remote Sensing; Soil Moisture; Soil Thermal Properties; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

STREAM REAERATION ...Aeration (water); Flow Characteristics (water); Nutrients; Organic Matter; Physiological Effects; Southwest U. S.; ...2.1080

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS ...Animal Predation; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Industrial Wastes; Petroleum Industry; Population Dynamics -general; Water Pollutant Identification; ...2.1674

Operations Research

PREDICTION MODELS FOR WATER QUALITY PARAMETERS ...Forecasting - Prediction; River Basins; Systems Analysis - Water Mgmt; Water Standards & Baselines; ...2.0556

HEAT AND MOISTURE CONDUCTION IN UNSATURATED SOILS ...Atomic Plants; Energy Conversion; Mathematical Models, Saturated - Unsaturated Soils; Soil Thermal Properties; Thermal Pollution; ...2.1160

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Model Studies; Optimization, Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

DATA COLLECTION ECONOMICS FOR WATER POLLUTION CONTROL STUDIES ...Data Acquisition; Economic Efficiency; Northeast U. S.; Statistics; Water Quality Control -general; ...2.1845

WATER RESOURCE OPERATIONS STUDY ...Economic Theory; Water Cycle; Water Quality -general; Water Resources Development; Water Transfer; Water Utilization -general; Wyoming; ...2.1941

Optical Detectors

AERONOMY AND OTHER ATMOSPHERIC STUDIES ...Aerosols; Color - Brightness; Lasers and Masers; Photography; Plasmas; Weather Radar; ...1.0694

FEASIBILITY STUDY OF WATER RESOURCE POLLUTANT IDENTIFICATION BY DIGITAL COMPUTER ANALYSIS OF REMOTE INFRARED SENSOR SPECTRAL INTENSITIES ...Aircraft Remote Sensing; Industrial Wastes; Instrument Services; Man Machine Systems; Radiation Detectors; Thermal Pollution; ...2.0793

THREE DIMENSIONAL DISPERSION FROM POINT SOURCES OF CHEMICAL OR THERMAL POLLUTION IN OPEN CHANNELS ...Channels; Lasers - Masers; Mathematical Models; Radiation Detectors; Scattering; Thermal Pollution; Water Pollutant Identification; ...2.0990

Optical Properties

BACKGROUND AEROSOL LIGHT SCATTERING ...Aerosols; Heat Balance - Budget; ...1.0432

INFLUENCE OF AEROSOL CHARACTERISTICS ON VISIBILITY ...Aerosols; Air Pollution Monitoring; Chemical Composition; Visibility; ...1.0856

Atmosphere

HIGH SPEED INTERFEROMETER EXPERIMENT DEVELOPMENT ...Air Pollution Analysis; Interferometry; Resolution; Spacecraft Sensory Devices; Trace Analysis; ...1.0678

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution; Air Pollution Monitoring; Attenuation; Connecticut; Solar Radiation -sunshine; ...1.0689

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution -see Specifics: Connecticut; Particulates - Air Pollution; Scattering; Urban Research -general; ...1.0690

Attenuation

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution; Air Pollution Monitoring; Connecticut; Solar Radiation -sunshine; ...1.0699

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution -see Specifics; Atmosphere; Connecticut; Particulates - Air Pollution; Scattering; Urban Research -general; ...1.0690

EEI-PHS STUDY ON REMOTE SENSING OF PARTICULATE EMISSIONS FROM POWER PLANT PLUMES--EVALUATION OF PLUME-LIDAR MONITORING SYSTEM (ABBREV) ...Air Pollution Monitoring; Lasers - Masers; Lasers and Masers; Particulates and Aerosols; Scattering; Weather Radar; ...1.0766

DETECTION OF SMALL AMOUNTS OF SO2 IN ATMOSPHERE ...Air Pollution Analysis; Energy Conversion; Gases; Reflection; Ultra - Violet Radiation; ...1.0852

ATOMIC AND NUCLEAR RESEARCH WITH ACCELERATORS ...Fission Products-see Radioact.; Ionizing Radiation -see Rad.; Nuclear Structure; Residues in Foods; ...4.0320

Coherence

SUB-MILLIMETER RESEARCH ...Air Pollution; Effects; Energy-radiation; Interferometry; Lasers and Masers; Resonance; Weather Radar; ...1.0686

Dispersion

APPLICATION OF SOLID STATE DIODE LASERS TO VERY HIGH RESOLUTION SPECTROSCOPY OF GAS POLLUTANTS - SO2, CH2O, O3 ...Air Pollution-chemistry; Gases; Interferometry; Lasers and Masers; Particulates and Aerosols; Resolution; Windows; ...1.0716

Electro-optics

SOLID STATE RADIATION DOSIMETRY ...Dosimeters -see Dosimetry; Dosimetry; Ionizing Radiation -see Rad.; Lasers and Masers; Solid State Engineering; Thermoluminescent Detectors; ...5.0824

Emissivity

NAVY ENVIRONMENT--SURFACE FILM EFFECTS ON APPARENT INFRARED TEMPERATURES ...Heat Measurement; Reflection; Water; ...2.1583

Intensity

ULTRAVIOLET RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Energy-radiation; Model Studies; Polarization; Transfer Phenomena; Ultraviolet Radiation; ...1.0310

Interaction With Matter

NAVY ENVIRONMENT--EPIDEMIOLOGICAL STUDY OF MICROWAVE INJURY IN NAVAL PERSONNEL ...Human Developmental Biology; Microwave and Radiofrequency; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0028

NAVY ENVIRONMENT--EVALUATION OF THE SAFETY EXPOSURE LIMITS OF RADAR USED BY NAVAL PERSONNEL ...Microwave and Radiofrequency; Military Personnel; Occupational Hazards; Radar; Radiation Effects - Biological; Radiologic Health; ...5.0083

NAVY ENVIRONMENT - NONTHERMAL HAZARDS OF EXPOSURE TO RADIOFREQUENCY AND MICROWAVE FIELDS ...Environmental Effects - Human; Microwave and Radiofrequency; Military Personnel; Mutagenesis -nonspecific; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0216

NAVY ENVIRONMENT - EFFECTS OF MICROWAVE RADIATION ON NAVAL PERSONNEL ...Microwave and Radiofrequency; Military Personnel; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0262

PARENTAL RADIATION EXPOSURE AND DOWN'S SYNDROME, WITH PARTICULAR ATTENTION TO IONIZING RADIATION AND RADAR (21) ...Human Developmental Biology; Ionizing Radiation -see Rad.; Microwave and Radiofrequency; Radiation Effects - Biological; ...5.0349

BASIC EFFECTS OF MICROWAVES ON BIOCHEMICAL PROCESSES ...Physical Mutagenesis; Radiation Chemistry - biophys.; Radiation Effects - Biological; Radiation Sources - general; Thermodynamics -biophysics; ...5.0454

HUMAN BODY INTERACTION TO RF ENVIRONMENTS ...Data Reduction and Analysis; Electromagnetic Field; Microwave and Radiofrequency; Occupational Hazards; Statistics; ...5.0730

MICROWAVE EXPOSURE SYSTEM AND MICROWAVE DOSIMETRY ...Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Sources -general; ...5.0962

PERSONNEL EXPOSURE CRITERIA FOR OPERATIONAL RADIOFREQUENCY RADIATION ENVIRONMENTS ...Microwave and Radiofrequency; Occupational Hazards; Radiation Dose Studies-general; Radiation Injury Prevention; Radiologic Health; ...5.0945

Liquids

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER ...Analysis and Detection; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reflection; Soil Fertility; Water; ...2.1618

Particulates and Aerosols

LIDAR STUDY ...Atmospheric Dynamics; Lasers and Masers; Particulates - Air Pollution; Pennsylvania; Power Plants; Weather Radar; ...1.0012

STUDY OF EFFECT OF ATMOSPHERIC TURBIDITY ON SATELLITE SOUNDINGS ...Aerosols; Energy-radiation; Infrared Radiation; Model Studies; Particulates - Air Pollution; Polarization; Scattering; ...1.0316

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution -see Specifics; Atmosphere; Connecticut; Particulates - Air Pollution; Scattering; Urban Research -general; ...1.0690

APPLICATION OF SOLID STATE DIODE LASERS TO VERY HIGH RESOLUTION SPECTROSCOPY OF GAS POLLUTANTS - SO2, CH2O, O3 ...Air Pollution-chemistry; Gases; Interferometry; Lasers and Masers; Resolution; Windows; ...1.0716

ATOMIC ABSORPTION SPECTROSCOPY WITH A HIGH TEMPERATURE FURNACE ...Air Pollution Monitoring; Atomic Absorption; Clouds - Precipitation; Montana; Snow; ...1.0737

EEI-PHS STUDY ON REMOTE SENSING OF PARTICULATE EMISSIONS FROM POWER PLANT PLUMES--EVALUATION OF PLUME-LIDAR MONITORING SYSTEM (ABBREV) ...Air Pollution Monitoring; Lasers - Masers; Lasers and Masers; Scattering; Weather Radar; ...1.0766

FIELD APPLICATION OF DIRECT LASER BACKSCATTER FROM PLUME PARTICULATE FOR DEVELOPING DESIGN & PERFORMANCE CRITERIA FOR FIELD INSTRUMENT (ABBREV) ...Air Pollution Monitoring; Backscatter; Lasers and Masers; Particulates - Air Pollution; Power Plants; Weather Radar; ...1.0767

FORMATION OF NONVOLATILE PARTICULATES FROM ORGANIC VAPORS ...Air Pollution-chemistry; Electromagnetic Radiation; Humidity - Water Vapor; Organic Compounds; Solar Radiation -sunshine; ...1.0831

Photometry

CHROMATOGRAPHIC SEPARATION OF URANIUM AND PLUTONIUM FROM REPROCESSING PLANT LIQUID WASTE ...Chromatography; Detectors and Sensors; Energy Conversion; Nuclear Radiation; Radioactive Isotopes; Safety Design - Radioisotopes; Waste Management -see Specific; ...5.0080

Polarization

ULTRAVIOLET RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Energy-radiation; Model Studies; Transfer Phenomena; Ultraviolet Radiation; ...1.0310

STUDY OF EFFECT OF ATMOSPHERIC TURBIDITY ON SATELLITE SOUNDINGS ...Aerosols; Energy-radiation; Infrared Radiation; Model Studies; Particulates - Air Pollution; Scattering; ...1.0316

LIDAR PROBING OF THE ATMOSPHERE ...Aerosols; Analytical Instruments; Atmosphere Composition; Lasers and Masers; Scattering; Weather Radar; ...1.0666

Reflection

DETECTION OF SMALL AMOUNTS OF SO2 IN ATMOSPHERE ...Air Pollution Analysis; Attenuation; Energy Conversion; Gases; Ultra - Violet Radiation; ...1.0852

NAVY ENVIRONMENT--SURFACE FILM EFFECTS ON APPARENT INFRARED TEMPERATURES ...Emissivity; Heat Measurement; Water; ...2.1583

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER ...Analysis and Detection; Herbicides -nonspecific; Liquids; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Fertility; Water; ...2.1618

Refraction

Index of Refraction

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER ...Analysis and Detection; Herbicides -nonspecific; Liquids; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reflection; Soil Fertility; Water; ...2.1618

INVESTIGATION OF LIGHT SENSITIVE MATERIALS FOR FLASH BLINDNESS PROTECTION ...Materials -properties; Optical; Radiation -see Specifics; Transmission; . 5.0393

Resolution

HIGH SPEED INTERFEROMETER EXPERIMENT DEVELOPMENT ...Air Pollution Analysis; Atmosphere; Interferometry; Spacecraft Sensory Devices; Trace Analysis; ...1.0678

APPLICATION OF SOLID STATE DIODE LASERS TO VERY HIGH RESOLUTION SPECTROSCOPY OF GAS POLLUTANTS - SO2, CH2O, O3 ...Air Pollution-chemistry; Gases; Interferometry; Lasers and Masers; Particulates and Aerosols; Windows; ...1.0716

Resonance

SUB-MILLIMETER RESEARCH ...Air Pollution; Effects; Energy-radiation; Interferometry; Lasers and Masers; Weather Radar; ...1.0686

Scattering

STUDY OF EFFECT OF ATMOSPHERIC TURBIDITY ON SATELLITE SOUNDINGS ...Aerosols; Energy-radiation; Infrared Radiation; Model Studies; Particulates - Air Pollution; Polarization; ...1.0316

LIDAR PROBING OF THE ATMOSPHERE ...Aerosols; Analytical Instruments; Atmosphere Composition; Lasers and Masers; Polarization; Weather Radar; ...1.0666

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution -see Specifics; Atmosphere; Connecticut, Particulates - Air Pollution; Urban Research -general; ...1.0690

EEI-PHS STUDY ON REMOTE SENSING OF PARTICULATE EMISSIONS FROM POWER PLANT PLUMES--EVALUATION OF PLUME-LIDAR MONITORING SYSTEM (ABBREV) ...Air Pollution Monitoring; Lasers - Masers; Lasers and Masers; Particulates and Aerosols; Weather Radar; ...1.0766

THREE DIMENSIONAL DISPERSION FROM POINT SOURCES OF CHEMICAL OR THERMAL POLLUTION IN OPEN CHANNELS ...Channels; Lasers - Masers; Mathematical Models; Radiation Detectors; Thermal Pollution; Water Pollutant Identification; ...2.0990

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ...Chelation & Complexing; Colloidal Phenomena; Filtration; Fluid Mechanics; Mathematical Models; New England Province; Rhode Island; Sedimentation; ...2.1411

Backscatter

FIELD APPLICATION OF DIRECT LASER BACKSCATTER FROM PLUME PARTICULATE FOR DEVELOPING DESIGN & PERFORMANCE CRITERIA FOR FIELD INSTRUMENT (ABBREV) ...Air Pollution Monitoring; Lasers and Masers; Particulates - Air Pollution; Particulates and Aerosols; Power Plants; Weather Radar; ...1.0767

Mie Scattering

STUDY OF EFFECT OF ATMOSPHERIC TURBIDITY ON SATELLITE SOUNDINGS ...Aerosols; Energy-radiation; Infrared Radiation; Model Studies; Particulates - Air Pollution; Polarization; Scattering; ...1.0316

Scintillation, Twinkle

LOCALIZATION OF LOW CONCENTRATIONS OF GAMMA RAY EMITTERS IN MAN ...Mathematical Analysis; Scintillation Counting; Solids; Transmission; ...5.0825

PRACTICAL HIGH SENSITIVITY THERMOLUMINESCENT DOSIMETRY ...Dosimeters -see Dosimetry; Dosimetry; Ionizing Radiation -see Rad.; Plastics; X and Gamma Rays; ...5.0831

Solids

LOCALIZATION OF LOW CONCENTRATIONS OF GAMMA RAY EMITTERS IN MAN ...Mathematical Analysis; Scintillation Counting; Scintillation, Twinkle; Transmission; ...5.0825

Transmission

EEI-PHS STUDY ON REMOTE SENSING OF PARTICULATE EMISSIONS FROM POWER PLANT PLUMES--EVALUATION OF PLUME-LIDAR MONITORING SYSTEM (ABBREV) ...Air Pollution Monitoring; Lasers - Masers; Lasers and Masers; Particulates and Aerosols; Scattering; Weather Radar; ...1.0766

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER ...Analysis and Detection; Herbicides -nonspecific; Liquids; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reflection; Soil Fertility; Water; ...2.1618

INVESTIGATION OF LIGHT SENSITIVE MATERIALS FOR FLASH BLINDNESS PROTECTION ...Index of Refraction; Materials -properties; Optical; Radiation -see Specifics; ...5.0393

LOCALIZATION OF LOW CONCENTRATIONS OF GAMMA RAY EMITTERS IN MAN ...Mathematical Analysis; Scintillation Counting; Scintillation, Twinkle; Solids; ...5.0825

Transparency

EUTROPHICATION AS A PROBLEM IN THE FINGER LAKES ...Acidity (water); Chlorophyll; Eutrophication; New York; Oxygen Content (water); Water Properties -general; ...2.0267

Water

SUB-MILLIMETER RESEARCH ...Air Pollution; Effects; Energy-radiation; Interferometry; Lasers and Masers; Resonance; Weather Radar; ...1.0686

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Lime Treatment; Model Studies; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0142

THE COLIFORM BACTERIA, PLANKTON, & RELATED PHYSICO-CHEMICAL FACTORS IN LAKE PONTCHARTRAIN AT NEW ORLEANS, LA ...Acidity (water); Bottom Sampling; Louisiana; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Sediments; ...2.0164

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Wisconsin; ...2.0189

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Algal Physiology; Environmental Influences; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Phytoplankton; Temperature (water); ...2.0263

EUTROPHICATION AS A PROBLEM IN THE FINGER LAKES ...Acidity (water); Chlorophyll; Eutrophication; New York; Oxygen Content (water); Transparency; Water Properties -general; ...2.0267

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Zooplankton; ...2.0828

NAVY ENVIRONMENT--SURFACE FILM EFFECTS ON APPARENT INFRARED TEMPERATURES ...Emmsivity; Heat Measurement; Reflection; ...2.1583

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER ...Analysis and Detection; Herbicides -nonspecific; Liquids; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reflection; Soil Fertility; ...2.1618

Windows

APPLICATION OF SOLID STATE DIODE LASERS TO VERY HIGH RESOLUTION SPECTROSCOPY OF GAS POLLUTANTS - SO2, CH2O, O3 ...Air Pollution-chemistry; Gases; Interferometry; Lasers and Masers; Particulates and Aerosols; Resolution; ...1.0716

Optical Properties of Water

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Elevation Levels, Altitude; Erosion; Forest Watersheds; Mineralogical Water Properties; Oligotrophic Lakes; Recreation, Water Resources; Temperature Or Heat Budgets; Turbidity (water); ...2.0032

A STUDY OF THE EFFECTS OF ISLAND DEVELOPMENT ON LAKE WATER QUALITY ...Acidity (water); Economics -recreation; Lakes; Nitrogen and Nitrogen Cpds.; Plankton; Recreation, Water Resources; Types of Resources; ...2.0115

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Lime Treatment; Model Studies; Organic Water Properties; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0142

THE COLIFORM BACTERIA, PLANKTON, & RELATED PHYSICO-CHEMICAL FACTORS IN LAKE PONTCHARTRAIN AT NEW ORLEANS, LA ...Acidity (water); Bottom Sampling; Louisiana; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Sediments; Water; ...2.0164

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

EUTROPHICATION TIDAL WATERS ...Algal Physiology; Brackish Water; Estuaries; Marine Plants; New York; Tidewater Areas; ...2.0262

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Algal Physiology; Environmental Influences; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phytoplankton; Temperature (water); ...2.0263

EUTROPHICATION AS A PROBLEM IN THE FINGER LAKES ...Acidity (water); Chlorophyll; Eutrophication, New York; Oxygen Content (water); Transparency; Water Properties -general; ...2.0267

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

STUDIES ON EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Chemical Water Properties; Forest Cutting Operations; Forest Watersheds; Periphyton; Primary Productivity - Plants; Suspension; ...2.0321

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Animal Productivity; Chemical Water Properties; Eutrophication; Fish; Nutrients; Phytoplankton; Plant Population Dynamics - gen; Primary Productivity - Plants; Zooplankton; ...2.0363

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Copepods; Eutrophication; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Puget Sound; Tides; Wind; ...2.0423

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River; Mathematical Models; Nevada; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; Zooplankton; ...2.0477

AN ECOLOGICAL STUDY OF THE LOWER HOUSATONIC RIVER - PHASE I - SURVEY OF THE CHEMICAL ASPECTS OF THE RIVER ...Alkalinity (water); Chemical Water Properties; Connecticut; Ecological Effects; Survey Studies (water); Zinc; ...2.0523

TAXONOMY AND PHYSIOLOGY OF PROTOZOA IN CAVE STREAMS AND POOLS ...Animal Distribution; Aquatic Ecology - Animal; Groundwater; Invertebrate Physiology; Pollution Effects -see Water; Taxonomy -animal; Water Pollution Sources; ...2.0600

POTENTIAL ALGAL PRODUCTIVITY AS MEASURED BY A TURBIDOSTAT ...Algae -nonspecific; Analysis and Detection; Nutrients; Primary Productivity - Plants; Turbidity (water); ...2.0625

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Periphyton; Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

DEVELOPMENT NEUTRON ACTIVATION TECHNIQUES FOR INVESTIGATION OF WATER CLARIFICATION ...Activation Analysis; Coagulation; Flocculation; Soil Filters; Zeta Potential; ...2.0915

STUDY OF ASSIMILATIVE CAPACITY OF ARCTIC AND SUBARCTIC STREAMS ...Animal Habitat Studies; Degradation -see Pesticide Deg; Plant Habitat Studies; Sub - Polar Regions; Water Pollution Effects; ...2.0959

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Algae -nonspecific; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Pilot Plants; Process Design; Turbidity (water); Waste Water Treatment -general; ...2.1170

EDDY DIFFUSION AND BACTERIAL REDUCTION IN WASTE FIELDS ...Bacteria; Coliforms -nonspecific; Light; Marine Plants; Waste Treatment - Radiation; ...2.1181

FACTORS INFLUENCING THE PRODUCTION OF PLANKTONIC AND BENTHIC PLANTS ...Algal Physiology; Chemical Water Properties; Effluents - Waste Water; Nutrients; Phytoplankton; Plant Succession; Water Pollution Sources; ...2.1473

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Biological Water Properties; Circulation (water); Ecological Effects; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Plant Freshwater Ecology; Soil Tillage; Water Properties - general; ...2.1494

EFFECTS OF NUTRIENTS AND POLLUTANTS ON THE GROWTH OF MARINE PHYTOPLANKTON ...Algal Physiology; Marine Biology - General; Marine Pollution; Nitrogen and Nitrogen Cpds.; Pacific Ocean; Temperature (water); ...2.1499

LIGHT EXTINCTION IN LAKE WATERS ...Canada; Eutrophication; Lakes; ...2.1503

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Contamination - Water; Environmental Ecology; Fish Farming; Invertebrate Physiology; Pesticides -nonspecific; Spawn Or Nesting Sites; Temperature (water); ...2.1516

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ...Acidity (water); Captive Rearing; Contamination - Water; Environmental Influences; Fish Food Organisms; Mollusca; Pesticide Toxicity to Microorg; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; ...2.1517

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER ...Analysis and Detection; Herbicides -nonspecific; Liquids; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reflection; Soil Fertility; Water; ...2.1618

PHYSIOLOGICAL ADAPTATION OF TWO SPECIES OF FISHES, FUNDULUS HETEROCLITUS AND SALMO GAIRDNERI, TO ALTERED WATER QUALITY PARAMETERS ...Contamination - Water; Environmental Physiology; Salinity (water); Salmo Gairdneri; Vertebrate Anatomy; ...2.1647

MARINE FISHERIES - ESTUARINE ALGAL COMMUNITIES ...Animal Interrelationships -gen; Commercial Fishing; Estuaries; Marine Plants; Plant Productivity -general; Salinity (water); Training Grants, Fellowships; Water Standards & Baselines; ...2.1682

THERMAL EFFECTS IN FLOWING STREAMS ...Currents (water); Electric Power Plants; Nutrients; Pollution Effects -see Water; Turbidity (water); ...2.1706

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants; Induced Temperature; Nutrient Studies -animal; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Aquatic Plants -nonspecific; Carbon; Endrin; Environmental Physiology; Fish; Pesticide Action on Animals; Soil Types -also See Specifics; ...4.0532

STUDIES ON THE ECOLOGICAL PHYSIOLOGY OF MIDWATER CRUSTACEANS ...Carbon; Crustacea; Invertebrate Physiology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Vertical Distribution; ...4.0570

EFFECTS OF IRRADIATION, TEMPERATURE AND OTHER ENVIRONMENTAL FACTORS ON SALMONID EMBRYOS ...Embryology -basic; Radiation Effects - Biological; Temperature (water); X and Gamma Rays; ...5.0763

Optimization, Economic

MODELING AND OPTIMIZATION OF THERMAL POLLUTION CONTROL SYSTEMS ...Computer Models; Electric Power Plants; Forecasting - Prediction; Mathematical Models; Thermal Pollution; ...2.0157

OPTIMAL RECREATIONAL DEVELOPMENT IN URBAN RIVERINE AREAS ...Costs -see Economics Entries; Industrial Wastes; Reservoirs and Impoundments; Savings and Investment; Urban Environment; Urban Research -general; ...2.0346

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Columbia River; Electric Power Plants; Fishing; Heat Flow (water); Nitrogen and Nitrogen Cpds.; Recreation, Water Resources; Types of Resources; Water Storage; ...2.0841

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis; Management (water); Multiple Purpose Reservoirs; Potable Water; Regional Economics; Social Aspects; Waste Water Treatment -general; Water Resources Planning; ...2.0967

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Colorado; Federal Government; Legal Studies; Management (water); State Government; Water Quality Control -general; ...2.0981

METHODOLOGY FOR SYNTHESIS AND OPTIMIZATION OF DIFFUSION PATTERNS IN FLOW SYSTEMS ...Dispersion (water); Fluid Mechanics; Tracers; Water Pollutants - Path of; Water Pollution Sources; ...2.1011

OPTIMIZING STRATEGY FOR STATE WATER POLLUTION CONTROL IN THE POST 'PLAN OF IMPLEMENTATION' PERIOD ...Administrative Organizations; Massachusetts; Survey Studies (water); Wate. Quality Control -general; Water Resources Planning; ...2.1039

WHITE WATER CLARIFICATION AND REUSE ...Electrochemistry; Flocculation; Pulp and Paper Wastes; Waste Treatment Economics; Water Reuse; ...2.1244

EXPERIMENTAL OPTIMIZATION OF STEP AERATION WASTE TREATMENT SYSTEMS ...Aeration (water); Development of Models; Mathematical Models; Systems Analysis - Water Mgmt; ...2.1276

OPTIMAL DESIGN OF WASTE TREATMENT SYSTEMS ...Activated Sludge; Anaerobic Wastewater Treatment; Process Design; Waste Treatment; ...2.1277

ADVANCED WASTE TREATMENT FOR WATER RECLAMATION AND REUSE BY INJECTION ...Aquifers; Effluent-standards; Groundwater; Water Reuse; ...2.1347

COORDINATED MANAGEMENT AND DESIGN OF METROPOLITAN AREA WATER SUPPLY AND WASTE WATER DISPOSAL NETWORKS - A LINKED SYSTEMS ANALYSIS ...Management (water); Model Studies; Sewer Systems; Systems Analysis - Water Mgmt; Urban Research - general; Water Distribution Systems; ...2.1349

DEVELOPMENT AND OPTIMIZATION OF THE LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Drainage; Acid Mine Wastes; Drainage; Lime Treatment; Limestone-general; Process Design; Waste Treatment Economics; ...2.1394

WATER RESOURCE SYSTEM OPTIMIZATION BY GEOMETRIC PROGRAMMING ...Channels; Economic Theory; Mathematical Analysis; Optimization Technique; Pipelines; Process Design; ...2.1426

A SYSTEMS APPROACH FOR THE STUDY AND CONTROL OF FACTORS AFFECTING WATER POLLUTION ...Literature Search; Model Studies; River Basins; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Pollution Sources; Water Quality Control -general; ...2.1610

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

WATER QUALITY MODEL DERIVED FROM SYSTEM ANALYSES ...Management (water); Model Studies; River Basins; Systems Analysis - Water Mgmt; Water Quality -general; ...2.1826

ECONOMIC EVALUATION OF THE EFFECT OF SELECTED CROP PRACTICES ON NON-AGRICULTURAL USES OF WATER ...Agricultural Studies -general; Costs -see Economics Entries; Mathematical Models; Sediments; Water Costs; Water Quality -general; ...2.1828

ECONOMIC ANALYSIS OF OPTIMAL WATER QUALITY MANAGEMENT ...Economic Theory; Indiana; Management; Management (water); Model Studies; Systems Analysis - Water Mgmt; Water Quality Control -general; ...2.1830

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Model Studies; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

A METHODOLOGY FOR PLANNING OPTIMAL REGIONAL WASTE MANAGEMENT SYSTEMS ...Management (water); Systems Analysis - Water Mgmt; Waste Treatment Economics; Water Resources Planning; ...2.1841

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER

QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Expenditures; Finance -see Economics Entries; Lakes; Massachusetts; Model Studies; Riparian Rights; Water Pollution Abatement; Water Resources Planning; ...2.1843

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Community - Social Studies; Effluents - Waste Water; Legal Studies; Water Costs; Water Resources Planning; Water Standards & Baselines; Welfare Economics; ...2.1844

ECONOMICS OF WATER QUALITY CONTROL IN THE UPPER MISSISSIPPI RIVER (MINNESOTA) ...Benefit-cost Analysis; Disposal Wastes; Minnesota; Model Studies; Waste Treatment Economics; Water Purification; Water Resources Planning; ...2.1860

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Confidence Intervals; Digital Computer Applications; Hudson River; Monte Carlo Methods; Optimization Technique; River Basins; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

COST-REDUCING TECHNIQUES OF WASTE DISPOSAL AND OPTIMUM USE OF WATER RESOURCES ...Canning Wastes - see Food Proc.; Food Processing Industries; Industrial Wastes; Waste Treatment; Waste Water Treatment -general; Water Quality Control -general; ...2.1890

SOME LEGAL, SOCIAL AND ECONOMIC PROBLEMS OF GROUNDWATER POLLUTION ...Attitudes & Attitude Change; Legal Studies; Sewage Treatment Plant; Water Costs; Water Quality Control -general; ...2.1910

USE OF ADVANCED WATER RESOURCES PLANNING TECHNIQUES IN THE DEVELOPMENT OF REGIONAL WATER MANAGEMENT PROGRAMS ...Industrial Wastes; Model Studies; River Basins; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Planning; ...2.1912

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Cost-benefit Analysis; Land Use; Recreation, Outdoor; Texas; User Characteristics -rec.; Water Resources Planning; Water Resources Protection; ...2.1920

OPTIMIZATION OF SEWER SYSTEMS ...Canada; Location; Outlets; Sanitary Sewage Quantity; Sewer Systems; Storm Sewer Quantity; Urban Environment; ...3.0080

ECONOMIC OPTIMIZATION OF SECONDARY TREATMENT AND DETERMINATION OF LOAD TO CONTROL BIOLOGICAL GROWTHS IN A STREAM ...Aeration (water); Lagoon; Secondary Treatment; Waste Treatment Economics; ...3.0336

SEWAGE PHOSPHORUS REMOVAL BY AN ACTIVATED SLUDGE PLANT ...Activated Sludge; Aeration; ...3.0353

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Animal Wastes - Feed Lots; Economic Efficiency; Environment; Erosion; Livestock - nonspecific; Pesticides -nonspecific; Sediments; Welfare Economics; ...4.1013

Ore Deposits

GEOCHEMICAL EXPLORATION TECHNIQUES IN ALPINE AND SUBALPINE ENVIRONMENTS ...Cars; Geochemical Investigations; Geological Exploration; Geophysical Analysis; Mining Industry; Rock - Soil Pollution; Water Pollution Effects; ...1.0330

ABSORPTION OF CHROMIUM BY CLAYS ...Activation Analysis; Adsorption; Demineralization; Metal Processing Wastes; Waste Material Recovery; Waste Treatment; Waste Water Treatment - general; ...2.1233

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Atomic Absorption; Lead Mineralogy; Pond; Precipitation; Waste Water Treatment -general; X-ray Spectroscopy; ...2.1322

Copper

STUDIES OF COPPER TAILINGS ...Algae - Cyanophyta; Drainage; Lakes; Mine Wastes; Spoil Banks; Toxic Minerals; ...2.0206

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Erosion; Graminoae -other; Leguminoae; Mine Wastes; Soil Chemical Properties; Soil Fertility; Soil Moisture; Water Pollution Sources; ...3.0029

FLOWSHARE SPECIAL STUDIES ...Arizona; Geology -general; Management (water); Seismology; Soil Tillage; Underground Storage; ...3.0021

Iron

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Drilling Operation; Groundwater; Pennsylvania; Underground Workings; Water Table; ...2.0340

FLOCCULATION AND CLARIFICATION OF MINERAL SUSPENSIONS ...Electrochemistry; Flocculation; Minnesota; Streaming Potential; ...2.1311

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Erosion; Graminoae -other; Leguminoae; Mine Wastes; Soil Chemical Properties; Soil Fertility; Soil Moisture; Water Pollution Sources; ...3.0029

STORAGE AND DISPOSAL OF WASTES RESULTING FROM THE CONCENTRATION OF LOW GRADE IRON ORE ...Disposal Wastes; Management (water); Michigan; Pond; Tertiary Treatment; Water Reuse; ...3.0189

Lead

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Analysis and Detection; Atomic Absorption; Contamination - Water; Mine Hydrology; Missouri; Pollution Effects -see Water; Water Pollution Effects; Zinc; ...2.0226

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Atomic Absorption; Mineralogy; Ore Deposits; Pond; Precipitation; Waste Water Treatment -general; X-ray Spectroscopy; ...2.1322

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Aquatic Ecology - Animal; Atomic Absorption; Geochemical Analysis (water); Precipitation; Water Pollution Effects; Water Purification; Zinc; ...2.1626

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Contamination - Water; Fish; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; Zinc; ...2.1628

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology; Geological Exploration; Massachusetts, Rocks - Bedrock; Streams; Surveying; Waste Disposal-see Solid Waste; ...3.0162

Manganese

GEO-ENVIRONMENTAL AND MINERAL RESOURCES PROGRAM ...Acoustical Properties; Great Lakes -see Specific Lake; Ocean Profiles; Water Pollution Sources; ...2.0863

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Catostomidae; Effluents - Waste Water; Mining Industry; Pollution Effects -see Water; Sediments; Toxic Minerals; Water Purification; ...2.1746

Mercury

GEOCHEMICAL EXPLORATION STUDIES OF VOLATILE ELEMENTS ...Arizona; Colorado; Maps -general; Nevada; Utah; ...1.0029

GEOCHEMISTRY OF MERCURY ...Genetic Relationships; Geochemical Investigations; Idaho; Mineral Associations; Nevada; Reconnaissance Studies; ...3.0023

INSTRUMENT DEVELOPMENT LABORATORY ...E M Radiation-general; Gases; Geochemical Investigations; ...5.0022

Silver

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology; Geological Exploration; Lead; Massachusetts; Rocks - Bedrock; Streams; Surveying; Waste Disposal-see Solid Waste; ...3.0162

Titanium

CHEMICAL PROCESSING OF TITANIUM SCRAP AND RESIDUES. TITANIUM CHLORINATION RESIDUES ...Acid Mine Wastes; Chlorination; Mine Wastes; Waste Material Recovery; ...5.0390

Uranium

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Element Ratios; Environmental Geology; Evolution; Genetic Relationships; Geochemical Investigations; Lead; Petrology; Radiochemical Analysis; ...5.0016

SEQUENTIAL RADIOCHEMICAL DETERMINATION OF RADIUM-226, 228, ACTINIUM-227 AND THORIUM-230 IN ENVIRONMENTAL AND PROCESS WASTE SAMPLES ...Actinium A C; Dosimetry; Mine Wastes; Radium; Thorium; ...5.0020

CHARACTERISTICS OF URANIUM MINE ATMOSPHERES ...Aerosols; Air Pollution Monitoring; Mine Atmosphere Conditions; Particulates - Air Pollution; Radioactivity; ...5.0075

INSTRUMENTATION AND METHODS FOR THE MEASUREMENT OF RADIOACTIVE AIR CONTAMINANTS ...Dosimetry; Monitoring; Radioactivity; ...5.0076

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Aerosols; Balloons; Electrical Phenomena; Gamma Radiation; Mineral Processing Industry; Radiation -terrestrial; Radioactivity; ...5.0079

Zinc

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Analysis and Detection; Atomic Absorption; Contamination - Water; Lead; Mine Hydrology; Missouri; Pollution Effects -see Water; Water Pollution Effects; ...2.0226

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Aquatic Ecology - Animal; Atomic Absorption; Geochemical Analysis (water); Lead; Precipitation; Water Pollution Effects; Water Purification; ...2.1626

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Contamination - Water; Fish; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; ...2.1628

Oregon

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics, Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0037

BENTHAL SULFIDE RELEASE IN AQUATIC SYSTEMS ...Aquatic Soils; Chemical Analysis -general; Detectors and Sensors; Marine Environments; Tidewater Areas; ...2.0317

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Bacterial Ecology; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Eutrophic Lakes; Kinetics; Water Bacteria; ...2.0323

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Bacterial Ecology; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Eutrophication; Lake Deposits; Water Bacteria; ...2.0324

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research -general; ...2.0329

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Erosion; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Soil Chemical Properties; Surface Active-other; Water Pollutants - Path of; ...2.0330

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Contamination - Water; Data Acquisition; Fish; Marine Pollution; Pollution Effects -see Water; Salinity (water); Temperature (water); ...2.0335

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Chemical Properties; Eutrophication; Geochemical Analysis (water); Mineralogical Water Properties; Nutrients; Organic Properties; Soil Chemical Properties; Water Bacteria; ...2.0336

AN IMPROVED TEMPERATURE PREDICTION MODEL FOR SMALL STREAMS ...Forecasting - Prediction; Model Studies; Models of Biological Systems; Pulp and Paper Wastes; Temperature (water); Water Standards & Baselines; ...2.0740

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Data Reduction and Analysis; Management (water); Plant Freshwater Ecology; Survey Studies (water); Water Quality -general; Watersheds; ...2.0744

STUDY OF AN UNSPOILED ESTUARY ...Bays; Management (water); Tides; Water Quality -general; Water Supply Development; ...2.0745

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

COASTAL DIFFUSION OF POLLUTANTS ...Industrial Wastes; Ocean; Ocean Currents; Physical Models; Pulp and Paper Wastes; Wind; ...2.1084

ESTUARINE DIFFUSION OF POLLUTANTS ...Bays; Fluid Mechanics; Fresh Water; Stratification (water); ...2.1085

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Chemical Analysis -general; Dispersion (water); Effluents - Waste Water; Industrial Wastes; Marine Photography- Television; Pulp and Paper Wastes; Sea Water Sampling; Surveying; ...2.1678

HYDROLOGY OF SMALL MOUNTAIN STREAMS ...Flow Characteristics (water); Forest Debris; Hydrographs; Lumbering - general; Pulp and Paper Wastes; ...2.1680

IMMEDIATE EFFECTS OF LOGGING ON THE FRESHWATER ENVIRONMENT OF SALMONIDS ...Acidity (water); Circulation (water); Forest Debris; Lumbering -general; Population Dynamics -general; Salmonidae; Temperature (water); ...2.1681

PHYSICAL FACTORS AFFECTING OREGON COASTAL POLLUTION ...Circulation (water); Density; Marine Environments; Tides; ...2.1683

EFFECTS OF PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Animal Productivity; Biological Effects; Contamination - Water; Fish and Shellfish; Population Dynamics -general; ...2.1685

EFFECTS OF LOGGING ON SALMON POPULATIONS IN COASTAL STREAMS ...Animal Migration; Coastlines - Shorelines; Fish and Shellfish; Forest Watersheds; Lumbering - general; Pseudotsuga; ...2.1688

MATHEMATICAL AND COMPUTER SERVICES FOR THE ANALYSIS OF DATA AND DESIGN OF EXPERIMENTS FOR CERTAIN FWQA PROGRAMS ...Coastlines - Shorelines; Electric Power Plants; Facilities; Marine Environments; Pulp and Paper Wastes; ...2.1897

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Demand and Use -recreation; Economic Efficiency; Eutrophication; Recreation, Water Resources; Types of Resources; Water Quality Control -general; ...2.1898

ECONOMIC EVALUATION OF WATER POLLUTION CONTROL ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Management (water); Model Studies; Recreation, Water Resources; Water Quality Control -general; Welfare Economics; ...2.1899

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Regional Economics; Water Demand; Welfare Economics; ...2.1900

APPRAISAL OF WATER MANAGEMENT INSTITUTIONS - SURVEY OF OREGON WATER LAW ...Administrative Organizations; Legal Review; Northwest U. S.; Survey Studies (water); Water Standards & Baselines; ...2.1901

FOOD PROCESSING WASTES ...Disposal; Food Processing Wastes; Plant Waste Removal, Treatment; Recoverable Materials;

Waste Material Recovery; Waste Water Treatment -general; ...3.0035

ENVIRONMENTAL POLLUTION PROBLEMS AND ABATEMENT CONTROL ALTERNATIVES ...Air Pollution -see Specifics; Government -see Federal Gov.; Political Processes & Systems, ...3.0278

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Equipment; Labiatae; Nematoda; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Organic Content; Soil Profile; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

PESTICIDE RESIDUES ...Climates -general; Environment Accumulation Rates; Herbicides -nonspecific; Herbicides and Other Chem; Pesticide Action on Animals; Pesticide Persistance in Soils; Pesticides -nonspecific; ...4.0979

Organic Soils -see Soils

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

ORGANIC MATTER RELATIONSHIPS OF SPOIL BANKS ...Animal Productivity; Forest Litter, Duff & Humus; Quercus; Soil Chemical Properties; Soil Microbiology; Soil pH; ...3.0033

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Loam -see Soil Types; Pesticide Persistance in Soils; Silty Soils, Soil Moisture; Soil Temp. -non-specific; ...4.0084

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Persistance in Soils; Plant Resistance; Soil Aeration; Soil Moisture; Temperature - Air; ...4.0091

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils, Pesticide Residues Removal; Pesticides -see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture, Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam -see Soil Types; Pesticide Formulation; Pesticide Volatility; Physical Degradation, Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin, Erosion; Lindane; Low Temp - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

STRUCTURAL CHEMISTRY OF SOIL HUMIC SUBSTANCES ...Adsorption; Chelation & Complexing; Hydrolysis, Esterification; Pesticides -nonspecific; Reduction Reactions; Soil Chemical Properties; Soil Microbiology; ...4.0106

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds, Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants, Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

MECHANISM OF ADSORPTION OF VARIOUS HERBICIDES BY SOIL HUMIC SUBSTANCES ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Kinetics; Pesticide Persistance in Soils; Soil Amendments; Soil Chemical Properties; ...4.0171

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Pesticide Interaction With Env; Pesticide Residues, Pyrazon; Soil Microbiology; Soil Temp. -non-specific; ...4.0248

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganism-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates, Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

INFLUENCE OF SOIL HEATING ON THE GROWTH AND ELEMENTAL COMPOSITION OF BEAN PLANTS ...High Temp. - 85f Or Above; Mineral Nutrition; Plants; Radioactive Contamination; Soil Chemical Properties; ...5.0013

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE: THE MINERALIZATION OF ORGANIC NITROGEN IN SOILS FROM VOLCANIC MATERIAL ...Alluvium - Alluvial; Humid Climates; Radiation Effects - Biological; Sediment Lithification; Soil Chemical Properties; Soil Organic Content; ...5.0219

Organic Waste -see Waste Treat

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Turbidity (water); Water Pollution Sources; Water Quality Control - general; ...2.0402

DEVELOPMENT OF INSTRUMENTAL TECHNIQUES FOR THE ANALYSIS OF TRACE ORGANIC CONSTITUENTS IN WATER ...Chromatography; Gas Chromatography; Odor; Potable Water; Trace Analysis; ...2.0525

THE SEPARATION AND IDENTIFICATION OF TRACE ORGANICS OF INDUSTRIAL ORIGIN IN NATURAL WATERS ...Adsorption; Concentration; Gas Chromatography; Infrared Spectroscopy, Organic Matter; Spectrographic Techniques; ...2.0581

IDENTIFICATION AND CONTROL OF PETROCHEMICAL POLLUTANTS INHIBITORY TO ANAEROBIC TREATMENT ...Anaerobic Wastewater Treatment; Lagoon; Petroleum Wastes - Spillage; Waste Dilution- Self Purifying; Waste Water Degradation; Waste Water Treatment -general; ...2.0851

METAL ION-CATALYZED OXIDATION OF PHENOLS AND AROMATIC AMINES ...Catalysis, Homogeneous; Chelation & Complexing; Isotope Tracer -see Tracers; Mechanism Determination; Organics; Oxygen; ...2.1109

EXPLORATORY STUDIES ON DISPOSING OF OP RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment - general; Water Pollution -see Specifics; ...2.1163

THE CATALYTIC OXIDATION OF ORGANICS IN WASTEWATER ...Catalysts; Chemical Industry; Chemical Treatment (water); Kinetics; Organic Matter; Oxidation; ...2.1211

REVERSE OSMOSIS TREATMENT OF WASTEWATERS ...Coagulation; Electrochemistry; Membranes; Organics; Reverse Osmosis; Sewage - Domestic; Waste Water Treatment -general; ...2.1294

DEMONSTRATION OF THE RECONDITION AND RE-USE OF ORGANICALLY CONTAMINATED BRINES FROM CHEMICAL PROCESS INDUSTRIES ...Brines; Chemical Manufacturing Wastes; Organic Matter; Recycle Water; Waste Water Treatment -general; ...2.1307

REMOVAL OF COLLOIDAL MATTER FROM WASTE WATER ...Organic Matter; Organics; Waste Water Treatment -general; ...2.1313

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Acid Mine Drainage; Algae -nonspecific; Chlorophyll; Neutralization; Rehabilitation -streams -lakes; Strip Mines; Waste Water Degradation; Waste Water Treatment -general; ...2.1319

THE ORGANIC CONCENTRATION GRADIENT IN AN AERATION COLUMN ...Aeration (water); Bubbles; Organic Matter; Organic Water Properties; Separation; Surfactants -see Detergents; ...2.1337

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Industrial Wastes; Organic Matter; Seepage (water); Sewage Lagoons; Waste Management -see Specific; Water Pollutants - Path of; Water Quality -general; ...2.1360

GEIGY CHEMICAL WASTE TREATMENT FACILITY ...Chemical Industry; Effluent-standards; Trickling Filters; Waste Water Treatment -general; ...2.1413

EFFECTS OF HEAVY METALS ON ALGAL GROWTH AND ORGANIC REMOVAL EFFICIENCY IN STABILIZATION PONDS ...Industrial Wastes; Oxygention; Pond; Sewage - Domestic; Waste Management -see Specific; ...3.0170

Organic Water Properties

MECHANISM FOR THE WATER-TO-AIR TRANSFER AND CONCENTRATION OF BACTERIA ...Bacterial Ecology; Bacterial Pollutant Sources; Bubbles; Water Bacteria; ...1.0080

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

WATER QUALITY AND NUTRIENTS, SACRAMENTO-SAN JOAQUIN RIVER SYSTEM ...Animal Productivity; California; Eutrophication; Fish; Nutrients; Plankton; Tides; ...2.0041

ORGANIC DEBRIS ON CONNECTICUT BEACHES AND SHORES ...Bacterial Identification; Cellular Catabolism-see Degrad; Connecticut; Marine Plants; Organic Matter; Physical Water Properties; Salinity (water); ...2.0084

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Lime Treatment; Model Studies; Optical Properties of Water; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0142

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

FISH-MERCURY STUDIES IN THE GREAT LAKES ...Chemical Analysis; Contamination - Water; Fish; Great Lakes -see Specific Lake; Mercury; Pesticide in Food Chains; Waterfowl -nonspecific; ...2.0190

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Animal Productivity; Density; Dystrophic Lakes; Nutrients; Phosphorus and Phosphorus Cpds; Plant Productivity -general; Stratification (water); ...2.0195

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Algal Physiology; Eutrophic Lakes; Mineral Nutrition; Photosynthesis, Plant Epiphytic Relationships; Plant Productivity -general; Submerged Plants; ...2.0198

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; Water Depth, Water Levels; ...2.0205

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

NUTRIENT BUDGETS, RECYCLING, AND WATER TRANSPORT IN LAKE CHAMPLAIN ...Biochemical Oxygen Demand; Chlorine; Lake Champlain; Lakes; Mineralogical Water Properties; Nutrients; Vermont; ...2.0404

ORGANIC COMPOUNDS IN ALASKA PERMAFROST GROUNDWATER ...Alaska; Groundwater; Permafrost - Frozen Soils; Thin Layer Chromatography; Water Pollutant Identification; ...2.0471

ORGANIC SUBSTANCES IN WATER ...Analysis and Detection; Chemical Analysis (water); Chlorinated Hydrocarbons; Distillation, Herbicides -nonspecific; Organic Matter; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0496

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Bacterial Ecology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Mathematical Models; Nutrients; Rehabilitation -streams -lakes; Sewage; Water Pollution -see Specifics; ...2.0552

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Gases; Marine Biology - General; Marine Environments; Mass Spectroscopy; Ocean; Particle - Gas Transfer; Radioactivity; Waste Management -see Specific; ...2.0564

TAXONOMY AND PHYSIOLOGY OF PROTOZOA IN CAVE STREAMS AND POOLS ...Animal Distribution; Aquatic Ecology - Animal; Groundwater; Invertebrate Physiology; Optical Properties of Water; Pollution Effects -see Water; Taxonomy -animal; Water Pollution Sources; ...2.0600

DETECTION, IDENTIFICATION, AND DETERMINATION OF OILS, TARS, AND SLIMES BY REFLECTANCE SPECTROSCOPY ...California; Chemical Properties; Internal Reflection; Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0630

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Aquatic Ecology - Animal; Biological Water Properties; Chemical Analysis (water); Data Acquisition; Fish; Pollution Effects -see Water; Survey Studies (water); ...2.0731

THE BEHAVIOR OF SMALLMOUTH BASS AS RELATED TO ARTIFICIAL COVER ...Acidity (water); Aquatic Ecology - Animal; Fish Food Supply -other; Mining Industry; Population Dynamics -general; Water Pollutant Identification; ...2.0762

THE INSECT ORDER PLECOPTERA AS A BIOLOGICAL INDEX OF FRESH WATER QUALITY ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fresh Water; Rhode Island; Temperature (water); Water Pollutant Identification; ...2.0771

PRECISION RATIO GAS-SOURCE MASS SPECTROMETER ...Bauxite; Chemical Analysis -general; Geochemical Investigations; Mineralogical Properties; Salinity; Sedimentary History; Water Quality -general; ...2.0815

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Analysis and Detection; Element Ratios; Fluid Mechanics; Gulf of Mexico; Lakes; Organic Matter; Tracers; Water Pollution Sources; ...2.0823

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants; Mineralogical Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

EFFECTS OF INTERACTIONS OF CHEMICALS FOR WATER TREATMENT ...Bacterial Pollutant Sources; Chemical Water Properties; Chlorine; Potable Water; Turbidity (water); ...2.0908

DENITRIFICATION AS A PATHWAY FOR NITRATE REMOVAL IN RIVERS AND PONDS ...Carbon; Denitrification; Population Dynamics -general; Temperature; Water Properties - general; ...2.1016

REMOVAL OF SUSPENDED MATTER AND TURBIDITY FROM WATER BY FLOCCULATION ...Colloidal Phenomena; Electrochemistry; Floods; Israel; Salinity (water); Suspension; Water Chemistry; ...2.1022

EFFECT OF CHEMICAL STRUCTURE ON BIODEGRADABILITY OF ORGANIC MOLECULES ...Analysis and Detection; Biodegradation-see Degradation; Degradation; Microorganism-see Cell. Catab.; Water Pollution Sources; ...2.1065

PHARMACOLOGY ...Air Pollution -see Specifics; Animal Pharmacology; Biochemical Analysis - Tissues; Evolution; Marine Animals; Marine Plants; ...2.1091

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Atomic Absorption; Lead; Mineralogy; Ore Deposits; Pond; Precipitation; Waste Water Treatment -general; X-ray Spectroscopy; ...2.1322

THE ORGANIC CONCENTRATION GRADIENT IN AN AERATION COLUMN ...Aeration (water); Bubbles; Organic Matter; Separation; Surfactants -see Detergents; ...2.1337

WINERY WASTEWATER - CHARACTERIZATION AND TREATMENT ...Acidity (water); Activated Sludge; Anaerobic Bacteria; Contamination - Water; Food Processing Industries; Sewer Systems; Waste Treatment; ...2.1348

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Chemical Water Properties; Ecological Effects; Environmental Influences; India; Lower Plants; Physiological Effects; ...2.1549

DETERMINE THE EFFECT OF ORGANIC WATER POLLUTION AS IT EXISTS IN THE AREA OF DES MOINES, IOWA, ON GROWTH OF THE TURTLE CHRYSEMYS PICTA. ...Contamination - Water; Environmental Ecology; Environmental Physiology; Iowa; Reptiles; ...2.1555

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1575

INTERACTION BETWEEN MARINE ORGANISMS AND OIL POLLUTION ...Animal Migration; Contamination - Water; Environmental Geology, Marine Biology - General; Petroleum -see Oil; ...2.1584

EFFECTS OF LIMNOLOGICAL FACTORS ON UPTAKE OF 137CS BY FISH ...Acidity (water); Analysis of Variance; Aquatic Ecology - Animal; Chemical Analysis (water); Lakes; Regression Analysis; ...2.1593

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries; Marine Animals; Marine Environments; Marine Pollution; Space Requirements; ...2.1652

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology; Degradation -see Pesticide Deg; Energy Conversion; Fish; Heat Recovery, Industrial; Induced Temperature; Phytoplankton; Primary Productivity - Plants; ...2.1736

MACRO-FAUNA IN WASTE STABILIZATION LAGOONS ...Animal Habitat Studies; Aquatic Ecology - Animal; Organic Matter; Sewage Lagoons; Waste Water Degradation; ...3.0283

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water; Infiltration; Pilot Plants; Safety -see Farm Safety; South Carolina; Waste Management -see Specific; Water Purification; ...3.0310

CHLORINATED ORGANIC CONTAMINANTS IN THE MILWAUKEE RIVER ...Analysis and Detection; Bioassays; Degradation -see Pesticide Deg; Lake Michigan; Polychlorinated Biphenyl Cpds.; ...4.0076

Organizational Research

THE ORGANIZATIONAL FACTORS IN AIR POLLUTION CONTROL ...Air Pollution; Air Pollution -see Specifics; Government - see Federal Gov.; Legal Studies; Urban Environment; Urban Research -general; ...1.0483

DECISION PROCESSES IN WATER QUALITY MANAGEMENT ...Administration and Management; Computer Models; Management; Model Studies; Simulation Theory; ...2.0963

COLLABORATIVE PROGRAMS WITH GOVERNMENT AND PRIVATE AGENCIES FOR SOLUTION OF ENVIRONMENTAL PROBLEMS ...Air Pollution; Cooperative Studies; Government -see Federal Gov.; Water Quality -general; ...2.1852

A SURVEY OF ATTITUDES TOWARDS THE MISSISSIPPI RIVER AS A TOTAL RESOURCE IN MINNESOTA ...Attitudes & Attitude Change; Legal Studies; Mississippi River; Social Aspects; Water Quality Control -general; Water Standards & Baselines; ...2.1856

A STUDY OF POTENTIAL INSTITUTIONAL ARRANGEMENTS FOR WATER POLLUTION CONTROL IN THE HUDSON-MOHAWK RIVER BASIN ...Administration and Management; Government -see Federal Gov.; Hudson River; River Basins; Water Quality -general; Water Resources Development; ...2.1878

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Cost-benefit Analysis; Land Use; Optimization, Economic; Recreation, Outdoor; Texas; User Characteristics -rec.; Water Resources Planning; Water Resources Protection; ...2.1920

INTERORGANIZATIONAL STRUCTURE RELATING TO WATER QUALITY ADMINISTRATION AND POLICY ...Administration and Management; Administrative Organizations; Data Acquisition; Government -see Federal Gov.; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1939

Ornamental Nurseries

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

INVESTIGATIONS WITH ORNAMENTAL PLANTS ...Climates - general; Dichlobenil; Kansas; Ornamentals; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0322

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganism-see Cell. Catab.; Mylone; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

Ornamentals

LEAD AND SODIUM CONTAMINATION OF TREES AND SHRUBS IN URBAN ENVIRONMENTS ...Air Pollution -see Specifics; Lead; Mercury; Plant Tissue Analysis -chem.; ...1.0336

EFFECT OF FLUORIDE ON PLANTS ...Air Pollution -see Specifics; Enzymes; Fluorine; Herbicides and Other Chem; Iridaceae; Medicago; ...1.0343

ACTION OF AIR POLLUTANTS ON PLANTS AND METHODS OF DAMAGE CONTROL ESPECIALLY THROUGH RESISTANCE ...Air Pollution -see Specifics; Cellular Biosynthesis; Phaseolus; Pigments; Polygonaceae; ...1.0351

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Humidity; Northeast U. S.; Permeability; Solanaceae; Vegetables; ...1.0369

EFFECTS OF AIR POLLUTANTS ON PLANT SYSTEMS ...Absorption (incl. Adsorption); Aging; Climates -general; Growth; Humidity; Respiration; ...1.0383

EFFECT OF NATURAL GAS ON SOIL ECO-SYSTEMS IN AN URBAN ENVIRONMENT ...Air Pollution -see Specifics; Fuels; Leakage; Soil Analysis; Urban Environment; ...1.0393

RESPONSE OF SELECTED FIELD PLANTS TO AMBIENT POLLUTANTS IN WASHINGTON, D.C. ...Air Pollution -see Specifics; Air Pollution Effects; Bioindicators; District of Columbia; Growth; Losses Due to Pollution; Urban Research -general; ...1.0397

ACCUMULATION OF HEAVY METALS IN PLANTS NEAR LOW AND HIGH TRAFFIC DENSITIES ...Auto Exhaust -see Air Poll.; Herbicides and Other Chem; ...1.0403

PENNSYLVANIA POWER PLANT STUDY ...Air Pollution-chemistry; Farm Pond; Industrial Pollution -general; Lead; Pinus Strobus; Power Plants -see Specifics; Sulfur Dioxide; Wind -see Air Motion; ...1.0407

SHADE TREE IMPROVEMENT THROUGH BREEDING AND SELECTION ...Air Pollution -see Specifics; Contamination - Soil; Radioisotopes -nonspecific; Virus Resistance; ...1.0413

BREEDING TREES RESISTANT TO AIR POLLUTANTS ...Air Pollution -see Specifics; Pinus Sylvestris; Plant Resistance; Plant Response to Env. -ns; Pollutant Resistance; Soil Environment - other; Sulfur Dioxide; ...1.0417

CONTROL OF ETHYLENE-INDUCED SEPAL WILT OF ORCHIDS ...Air Cleaning Devices; Carbon; Filters; Humidity; Orchidaceae; ...1.0590

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff; Arizona; Impaired Water Use; Irrigation; Parks; Runoff (water); Turf; Waste Disposal on Soils; ...2.1156

MANAGEMENT GUIDES UNDER ACCELERATED RECREATION DEMANDS AND INTENSIVE LAND USE ...Air Pollution -see Specifics; Demand and Use -recreation; Forest Management; Landscaping; Recreation, Water Resources; Skiing; ...2.1788

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways - see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

BARK RESIDUES AS SOIL CONDITIONER ...Lycopersicum; Plant Waste Removal, Treatment; Soil Amendments; Soil Compaction Or Density; Vegetables; ...3.0375

DETERMINATION OF HERBICIDAL RESIDUES IN PLANTS AND SOILS, AND FATE OF HERBICIDES IN CERTAIN SOILS ...Degradation; Patoran; Pesticide Movement in Soils; Pesticide Phytotoxicity; Phaseolus; Turf; Vegetables; ...4.0133

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

CONTROL OF NEMATODES IN NURSERIES AND ON PLANT MATERIALS ...Aliphatic Carbamates; Methomyl; Nematoda; Pesticide Evaluation; Pesticides -other; V-c 13; ...4.0239

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

BIONOMICS OF THE PLANT NEMATODE TRICHODORUS CHRISTIEI ...Aliphatic Carbamates; Chrysanthemum; Mocap; Pesticide Evaluation; Population Dynamics -general; Zinophos; ...4.0260

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. -(i Or ; Fore ; Kelthane; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates, Dieldrin; Disulfoton; Granules, Capsules; Meta - Systox; Pesticide Action on Plants; Pesticide Interaction With Env; Temporal Distribution; ...4.0289

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Rain; Sulfhydryl Compounds; Vegetables; ...4.0309

FUNGICIDAL & FUNGISTATIC PROPERTIES OF ANTI-OXIDANTS AND RELATED COMPOUNDS ...Antioxidants -nonspecific; Botrytis; Dusts; Pesticide Evaluation; Pesticides -other; Zea Mays - Field Corn; ...4.0310

INVESTIGATIONS WITH ORNAMENTAL PLANTS ...Climates - general; Dichlobenil; Kansas; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0322

SOUTHEAST KANSAS EXPERIMENTAL FIELD ...Carya, Drainage; Fruit, Nut, and Berry Crops; Juglans; Pesticide Evaluation; Pesticide Residues; Vegetables; ...4.0326

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Euphorbiaceae; Lycopersicum; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0355

NUTRITION AND ENVIRONMENT OF FLORAL CROPS ...Botrytis; Exotherm; Mineral Nutrition, esticide Phytotoxicity; ...4.0357

DUTCH ELM DISEASE ...Benlate; Biological Control; Fungal Resistance; Pesticide Evaluation; Pesticide Residues; ...4.0358

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Aquifoliaceae; Conifers; Granules, Capsules; Pesticide Application Rates; Pinus (other Specifics); Senecio; Soil Types -also See Specifics; Washington; ...4.0510

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Forturf; Fusarium; Morven; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganism-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

Overflow -see Fluid Mechanics

STUDY OF CAUSES AND CONTROL OF GROUND WATER INFILTRATION INTO SEWERS ...Canada; Infiltration; Sewer Systems; Survey Studies (water); ...2.0123

TREATMENT OF PEAK WET WEATHER WASTEWATER FLOWS, AND RATE CONTROL OF ALL WASTEWATER DISCHARGES TO INTERCEPTOR SEWERS ...Aeration (water); Infiltration; Sewage Lagoons; Sewer Systems; Storm Sewer Quantity; Waste Water Treatment -general; .. 2.1190

STUDY OF METHODS FOR REDUCING WATER POLLUTION FROM STORM SEWER AND COMBINATION DISCHARGES THROUGH DEFINED PUBLIC WORKS PRACTICES ...Air Pollution; Pesticides -see Pesticide; Snow and Ice Removal; Urban Environment; Urban Research -general; Water Quality Control - general; ...2.1242

USE OF POLYMERS TO REDUCE OR ELIMINATE SEWER OVERFLOW IN THE BACHMAN CREEK SEWER ...Electrochemistry; Infiltration; Pipe; Storm Sewer Quantity; Storm Water; ...2.1428

Oxidation

ATOMIC REACTION KINETICS ...Air Pollution-chemistry; Combustion; Mass Spectroscopy; Rate of Reaction; ...1.0035

SULFUR DIOXIDE OXIDATION ...Air Pollution-chemistry; Catalytic; Gases; Mechanism Determination; Rate of Reaction; ...1.0088

KINETICS OF SULFUR-OXIDE FORMATION IN FLAMES ...Air Pollution-chemistry; Combustion; Kinetics; Sulfur Dioxide Removal; Vacuum Techniques; ...1.0118

RESEARCH INITIATION - PHOTOOXIDATION IN HYDROCARBON-NITROGEN OXIDE SYSTEMS: A CHARCTERIZATION OF REACTOR WALL EFFECTS ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Radiation; Reactors; Temperature; Wall Effects; ...1.0129

THIRTEENTH INTERNATIONAL SYMPOSIUM ON COMBUSTION ...Chemical Mechanisms & Kinetics; Combustion; Fluid Mechanics; Meetings; Propellants; ...1.0131

CHEMISTRY OF SULFUR IN HOT COMBUSTION GASES ...Adsorption; Air Pollution-chemistry; Catalysis, Heterogeneous; Chemical Mechanisms & Kinetics; Kinetics; Nitrogen and Nitrogen Cpds.; Temperature Effects; ...1.0164

BIOCHEMICAL EFFECTS OF AIR POLLUTANT OXIDANTS ...Air Pollution -see Specifics; Air Pollution-chemistry; Cell Injury and Autolysis; Gases; ...1.0183

AIR POLLUTION CONTROL BY CATALYSIS ...Air Pollution-chemistry; Catalysts; Combustion; Fuels; Reduction Reactions; ...1.0535

PILOT PLAN STUDY OF LIMESTONE-WET SCRUBBING IN A TURBULENT CONTACT ABSORBER ...Absorption - Chemistry; Coal Research; Combustion; Pilot Plants; Scrubbers; Sulfur Dioxide Removal; ...1.0594

INTERACTION OF FLUE GASES WITH CARBON SURFACES ...Air Pollution-chemistry; Catalysis, Heterogeneous; Combustion; Impurity; Porosity; Reduction Reactions; Sulfur Dioxide Removal; ...1.0642

GENERATION AND DECAY OF SMALL IONS ...Aerosols; Air Pollution-chemistry; Coagulation; Detectors and Sensors; Electroanalyses; Heat Transmission; Photochemical Reactions; ...1.0731

AIR MONITORING INSTRUMENT LOAN AND CONSULTATION TO ESTABLISH DATA BASE IN AQAR'S ...Air Pollution Monitoring; Air Pollution-chemistry; Fuels; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0828

DEVELOP & IMPLEMENT OPERATIONAL SYSTEM FOR EVALUATING & COLLABORATIVELY TESTING METHODS RECOMMENDED FOR AIR POLLUTION MEASUREMENT (ABBREV) ...Air Pollution; Air Pollution Analysis; Aldehydes - nonspecific; Carbon Monoxide; Lead; Methane; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0843

HETEOGENEOUS REACTIONS IN AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Corrosion, Deterioration; Nitrogen and Nitrogen Cpds.; Zinc; ...1.0861

PHOTOCHEMISTRY OF SUBSTANCES PRESENT IN URBAN AIR ...Air Pollution-chemistry; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Rate of Reaction; Spectrographic Techniques; Urban Research -general; ...1.0862

PHOTOLYTIC OXIDATION IN THE PRESENCE OF NO2 ...Air Pollution-chemistry; Light-catalyzed; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Photolysis; Rate of Reaction; Urban Research -general; ...1.0864

MECHANISMS OF PHOTOCHEMICAL REACTIONS IN URBAN AIR ...Aerosols; Air Pollution-chemistry; Lead; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Photochemical Reactions; Urban Research -general; ...1.0869

STUDIES OF O ATOM REACTIONS OF ATMOSPHERIC IMPORTANCE ...Air Pollution-chemistry; Gas Chromatography; Mass Spectroscopy; Mechanism Determination; Rate of Reaction; Spectrographic Techniques; ...1.0876

OXIDATION MECHANISMS ON SUPPORTED CHROMIA CATALYSTS ...Air Pollution-chemistry; Catalysis, Heterogeneous; Combustion; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; ...1.0884

NUMERICAL MODELING OF OXIDATION REACTION SCHEMES ...Carbon Monoxide; ...1.0887

PHOTOSENSITIZED OXYGENATIONS ...Air Pollution -see Specifics; Isotope Effects; Mechanism Determination; Photoactivation and React; Pollution Effects -see Water; Vertebrates - nonspecific; ...1.0889

THE RELATION BETWEEN IONIC AND RADICAL BOND CLEAVAGE ...Cycloaddition; Free Radical Reactions; Kinetic Isotope Effects; Mechanism Determination; ...1.0891

CHEMISTRY OF SINGLET OXYGEN FROM OZONE SOURCES ...Air Pollution-chemistry; Gases; Ozonization; Photochemical Reactions; Smog; ...1.0894

E.P.R. STUDY OF PHOTOREACTIONS IN THE ATMOSPHERE ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Nitrogen and Nitrogen Cpds.; Spectrographic Techniques; ...1.0895

PERACETOXYL RECOMBINATION ...Chemical Mechanisms & Kinetics; Photoinitiators; ...1.0898

STUDY OF THE EFFECT OF CARBON MONOXIDE ON THE RATE OF PHOTOOXIDATION OF HYDROCARBONS IN THE PRESENCE OF ULTRAVIOLET LIGHT & OXIDES OF NITROGEN ...Air Pollution-chemistry; Impurity; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0901

TRANSITION METAL CHEMISTRY OF TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Catalysis, Heterogeneous; Chelation & Complexing; Nitrogen and Nitrogen Cpds.; Reduction Reactions; ...1.0904

ELEMENTARY REACTIONS IN POLLUTED ATMOSPHERES ...Air Pollution-chemistry; Degradation; Free Radical Reactions; Mechanism Determination; Photochemical Reactions; Photolysis; Rate of Reaction; ...1.0905

MECHANISMS OF PHOTOCHEMICALLY INITIATED OXIDATION ...Air Pollution-chemistry; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Rate of Reaction; ...1.0908

CONVERSION OF NO TO NO2 IN POLLUTED ATMOSPHERES ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Photolysis; Quantum Yield; Rate of Reaction; Urban Research -general; ...1.0912

TOTAL ORGANIC CARBON AS A POLLUTION CONTROL PARAMETER IN SUB-ARCTIC WATERS ...Alaska; Chemical Oxygen Demand; Organic Matter; Polar Regions; Water Pollutant Identification; ...2.0007

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0308

BEHAVIOR OF PLATINUM ELECTRODES AS REDOX POTENTIAL INDICATORS IN METALLURGICAL SYSTEMS ...Analysis and Detection; Electrical, Electronic Mtl.; Electrochemistry; Infrared Spectroscopy; Metal Processing Wastes; Water Pollutant Identification; ...2.0640

EVALUATION OF PYRITIC OXIDATION BY NUCLEAR METHODS ...Acid Mine Drainage; Autotrophic Bacteria; Cellular Catabolism-see Degrad; Mechanism Determination; ...2.0758

THE EFFECTIVENESS OF CONTACT FILTER FOR THE REMOVAL OF IRON FROM GROUND WATER ...Filtration; Flocculation; Groundwater; Pilot Plants; Water Chemistry; ...2.0871

EFFECTS OF INTERACTIONS OF CHEMICALS FOR WATER TREATMENT ...Bacterial Pollutant Sources; Chemical Water Properties; Chlorine; Organic Water Properties; Potable Water; Turbidity (water); ...2.0908

WATER QUALITY IMPROVEMENT - KINETICS AND MECHANISM OF THE CHLORINATION-DEGRADATION OF UREA AND URIC ACID ...Chlorination; Chlorine; Light Visible Specroscopy; Sterilants; Water Chemistry; ...2.0926

DISINFECTION OF RENOVATED WASTEWATER ...Chlorination; Disinfection; General Recreation Studies; Ozonization; Sewage - Domestic; Water Reuse; ...2.0931

FORMATION OF DENSE SETTLED SLUDGE BY LIME - TREATMENT OF SYNTHETIC ACID MINE DRAINAGE ...Acid Mine Drainage; Acid Mine Wastes; Lime Treatment; Neutralization; Waste Water Treatment -general; ...2.0934

CARTRIDGE FILTRATION FOR IRON AND MANGANESE REMOVAL ...Coagulation; Demineralization; Filtration; Groundwater; Ion Exchange; Pollutant Removal; ...2.0939

CHEMISTRY OF HYDROSOLIC METALS IN NATURAL WATER ...Aeration (water); Demineralization; Geochemical Analysis (water); Precipitation; Water Chemistry; Water Supply - general; ...2.0968

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Diffusion; Groundwater Movement; Organic Matter; Polarography; Septic Tanks; Soil Chemical Properties; Soil Moisture; ...2.0969

CORROSION AND ENCRUSTATION MECHANISMS IN WATER SUPPLIES ...Corrosion, Deterioration; Demineralization; Mineralization; Thermodynamics; Water Wells; ...2.0991

COOLING TOWER STUDY ...Cooling Towers; Energy Conversion; Fog, Haze, Mist; Legislation - Zoning; Thermal Pollution; Weather Modification; ...2.1003

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general, Water Pollution -see Specifics; ...2.1163

THE CATALYTIC OXIDATION OF ORGANICS IN WASTE-WATER ...Catalysts; Chemical Industry; Chemical Treatment (water); Kinetics; Organic Matter; ...2.1211

DIATOM REMOVAL BY FLOCCULATION ...Algal Pollutant Sources; Contamination - Water; Flocculation; Pollutant Removal; Temperature (water); ...2.1251

BIOLOGICAL TREATMENT OF BEEF ANIMAL WASTES TO REDUCE WATER POLLUTION ...Aeration (water); Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; ...2.1278

AN INVESTIGATION OF LIGHT-CATALYZED CHLORINE FOR TREATMENT OF WASTE WATER ...Chlorination; Chlorine; Light-catalyzed; Organics; Waste Treatment Economics; Waste Water -general; Waste Water Treatment -general; ...2.1321

RECLAMATION OF METAL VALUES FROM METAL-FINISHING WASTE TREATMENT SLUDGES ...Degradation; Industrial Wastes; Reduction Reactions; Sludge; Waste Treatment; ...2.1333

OPERATIONAL DEMONSTRATION OF OXIDATION DITCH METHOD OF WASTE TREATMENT ...Lagoon; Pond; Process Design; Waste Treatment; Waste Water Treatment -general; ...2.1361

MICROBIOLOGICAL REMOVAL OF IRON FROM MINE DRAINAGE WATERS ...Acid Mine Wastes; Demineralization; Mine Drainage Control; Reduction Reactions; Waste Water Treatment -general; ...2.1384

A STUDY OF SOME OF THE FACTORS WHICH INFLUENCE THE EFFICIENCY OF OXIDATION PONDS IN THE TERTIARY TREATMENT OF WASTE WATER ...Pond; Tertiary Treatment; Texas; Waste Water Treatment -general; ...2.1420

THE EFFECT OF SALINITY ON THE OXIDATION OF HYDROCARBONS IN ESTUARINE ENVIRONMENTS ...Biodegradation-see Degradation; Cellular Physiology- Env. Eff.; Estuaries; Oil Removal; Petroleum Wastes - Spillage; Salinity (water); Size; ...2.1611

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Model Studies; Optimization, Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

CHEMICAL REACTIONS OF WOODS AND BARKS ...California; Combustion; Fuels; Industrial Wastes; Pulp and Paper Wastes; Pulp-waste; Water Chemistry; Wet Oxidation; ...3.0065

TECHNIQUES FOR IMPROVING THE AMOUNT AND EFFICIENCY OF OXYGEN INCORPORATION INTO RAPID-RATE BIOLOGICAL WASTE TREATMENT SYSTEMS ...Activated Sludge; Rapid Reactions; Sewage Bacteria; Waste Treatment; Waste Treatment Economics; ...3.0087

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Biochemical Oxygen Demand; Environment Resistance-animals; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage Lagoons; Space Requirements; Taste & Odor of Water; ...3.0132

LIVESTOCK WASTE TREATMENT AND DISPOSAL ...Aeration (water); Anaerobic Wastewater Treatment; Antibiotics -nonspecific; Feces; Noise -see Noise; Sewage Lagoons; Waste Disposal on Soils; ...3.0141

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Climates -general; Farm Animal Wastes; Microorganisms - nonspecific; Solid Waste; Waste Disposal on Soils; ...3.0197

WEST COXSACKIE PROJECT - HIGH-PERFORMANCE BIO-TREATMENT OF MUNICIPAL SEWAGE ...Activated Sludge; Aerobic Waste Water Treatment; Chlorination; New York; Precipitation; Process Design; Sewage - Domestic; ...3.0225

PULP INDUSTRY POLLUTION ABATEMENT THROUGH PROCESS MODIFICATION ...Chemical Treatment (water); Forest Industry; Kinetics; Process Design; Pulp and Paper Wastes; Recycle Water; ...3.0254

ULTIMATE DISPOSAL OF SLUDGES BY SURFACE SPREADING ...Dewatering; Disposal; Percolation (water); Pipelines; Soil Microbiology; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0259

DEMONSTRATION OF A NEW PROCESS FOR THE TREATMENT OF HIGH POLLUTANT CONCENTRATION TEXTILE AND FINISHING WASTES ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Industrial Wastes; Rhode Island; Textile Industry; Waste Treatment Economics; Waste Water Treatment -general; ...3.0307

BIOLOGICAL TREATMENT OF SPENT VEGETABLE TANNINS ...Color (water); Industrial Wastes; Rate of Reaction; Tannery Wastes; Waste Water Treatment -general; ...3.0343

SCRAP AND RECYCLE RESEARCH ...Automotive Application; Electrical, Electronic Mtl.; Mechanism Determination; Photography; ...3.0382

SUPPORTING RESEARCH FOR IN SITU RESEARCH ...Kinetics; Mechanism Determination; Petroleum Research; Photochemical Reactions; ...3.0409

CHEMISTRY OF NEMATODES AND NEMATOCIDES ...Invertebrate Physiology; Nematoda; Pathological Physiology; Pesticide Degradation -see Deg; Soil Microbiology; ...4.0229

BEHAVIOR OF DILUTE SOLUTIONS OF MERCURIC SALTS ...Catalysts; Mechanism Determination; Mercury; Reduction Reactions; Thermodynamics -biophysics; Toxicology; Water Pollution Sources; ...4.0779

MECHANISMS OF THE OXIDATIVE DEGRADATION OF PESTICIDE MALEIC-HYDRAZIDE ...Chemical Analysis; Environment Accumulation Rates; Isotope Tracer -see Tracers; Pesticide Action on Plants; Pesticide Residues; Thin Layer Chromatography; ...4.1068

EFFECT OF RADIATION ENERGY ON THE ESSENTIAL AROMATIC AMINO ACIDS ...Ionizing Radiation -see Rad.; Photochemical Reactions; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0392

GROSS ALPHA DETERMINATION IN ENVIRONMENTAL AND BIOLOGICAL SAMPLES ...Alpha Particles; Californium; Feces; Polonium; Radioactive Isotopes; Reduction Reactions; Urine; ...5.0823

Air

AIR OXIDATION OF ORGANIC COMPOUNDS IN AQUEOUS SYSTEMS ...Chemical Mechanisms & Kinetics; Kinetics; Organics; Pressure; Temperature; Wet Oxidation; ...2.1204

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Alum Waste Water Treatment; Chlorination; Disinfection; Electrical Phenomena; Fluid Mechanics; Pilot Plants; Tertiary Treatment; Waste Water Treatment -general; ...2.1221

REMOVAL OF BOD AND NUTRIENTS BY BIOLOGICAL SLIMES ...Biochemical Oxygen Demand; Denitrification -see Nitrogen; Organics; Pilot Plants; Sewage - Domestic; ...2.1338

Autooxidation

CATALYSTS FOR AUTOXIDATION OF TOXIC GASES ...Air Pollution-chemistry; Catalysts; Catalytic; Chelation & Complexing; Nitrogen and Nitrogen Cpds.; ...1.0866

Catalytic

SULFUR DIOXIDE OXIDATION ...Air Pollution-chemistry; Gases; Mechanism Determination; Rate of Reaction; ...1.0088

CATALYTIC REDUCTION OF OXIDES OF NITROGEN ...Air Pollution-chemistry; Catalysis, Heterogeneous; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0863

CATALYSTS FOR AUTOXIDATION OF TOXIC GASES ...Air Pollution-chemistry; Autooxidation; Catalysts; Chelation & Complexing; Nitrogen and Nitrogen Cpds.; ...1.0866

THE CATALYTIC OXIDATION OF ORGANICS IN WASTE-WATER ...Catalysts; Chemical Industry; Chemical Treatment (water); Kinetics; Organic Matter; Oxidation; ...2.1211

APPLICABILITY OF ARDOX CATALYSTS TO THE OXIDATION OF MUNICIPAL SEWAGE EFFLUENTS AND OF WASTES PRODUCED DURING MANNED SPACE FLIGHT ...Catalysts; Effluent-standards; Sewage - Domestic; Sewer Systems; Solid Waste Management; Waste Disposal-see Solid Waste; ...3.0052

Electrolytic

ELECTROCHEMICAL ACTIVATION AND REGENERATION OF CARBON SURFACES FOR TERTIARY WATER TREATMENT ...Chemical Regeneration; Electrochemistry; Organics; Tertiary Treatment; Waste Water Treatment -general; ...2.0930

THE ELECTRO-OXIDATION OF AMMONIA IN SEWAGE TO NITROGEN ...Electrochemistry; Nitrogen and Nitrogen Cpds.; Sewage; Waste Water Treatment -general; ...3.0177

IMPROVEMENT OF TREATMENT OF FOOD INDUSTRY WASTE ...Electrochemistry; Farm Animal Wastes; ...3.0242

CHEMICAL PULPING AND BLEACHING ...Air Pollution-chemistry; Industrial Pollution -general; Materials -properties; Pulp and Paper Wastes; Reduction Reactions; Water Chemistry; ...3.0351

Oxidants

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Air Pollution-chemistry; Combustion; Effects; Mechanism Determination; Photochemical Reactions; Solar Radiation -sunshine; ...1.0006

METEOROLOGY FOR URBAN AID POLLUTION ...Air Pollution-chemistry; Applied Climatology; Atmospheric Dynamics; California; Gases; Urban Research -general; ...1.0023

AIR & WATER POLLUTION PPBS-20-55-12 FUELS COMBUSTION RESEARCH ...Combustion; Diesel; Engines; Fuels; Gas Chromatography; ...1.0125

CHARACTERISTICS AND PHOTOCHEMICAL REACTIVITY OF FUEL COMPONENTS AND COMBUSTION PRODUCTS ...Air Pollution-chemistry; Combustion; Gas Chromatography; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Rate of Reaction; ...1.0127

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Catalysts; Combustion; Fire Research -see Forest Fire; Food Contamination; Fuels; Mass Spectroscopy; Pyrolysis; Thin Layer Chromatography; ...1.0149

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE USE OF REACTIVITY SCALES FOR PREDICTING CHEMICAL REACTIVITIES OF HC-NOX MIXTURES ...Aerosols; Air Pollution -see Specifics; Aldehydes -nonspecific; Dosimetry; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Ultra Violet Radiation; ...1.0238

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE REACTIVITY OF BENZALDEHYDE-NO AIR MIXTURES ...Aerosols; Air Pollution-chemistry; Chemical Analysis -general; Combustion; Light-catalyzed; Nitrogen and Nitrogen Cpds.; ...1.0239

EYE IRRITATION RESPONSE MEASUREMENTS FOR EVALUATION OF PHOTOCHEMICAL REACTIVITIES OF HYDROCARBON-NO-AIR AND BENZALDEHYDE-NO-AIR MIXTURES ...Air Pollution -see Specifics; Air Pollution-chemistry; Aldehydes -nonspecific; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Radiation -see Specifics; Sulfur Dioxide; ...1.0283

STUDY OF IRRADIATED AIR POLLUTANTS ON SPREAD FILMS ...Additives; Air Pollution -see Specifics; Antioxidants - nonspecific; Gases; Natural Occurring Membranes; Radiation Sources -general; ...1.0370

ADEQUACIES OF ELEMENTS OTHER THAN CONTROL REGULATIONS IN PLANS FOR SO2, PARTICULATES, CO, HYDROCARBONS & OXIDANTS (ABBREV) ...Air Pollution-chemistry; Gases; ...1.0503

THE STATES NECESSARY CHANGES AND MODIFICATIONS IN THE IMPLEMENTATION PLANS FOR SO2 - PARTICULATES - CO - HC AND OXIDANTS (ABBREV) ...Gases; Particulates - Air Pollution; Sulfur Dioxide Removal; ...1.0504

DETERMINE IF THE CONTROL REGULATIONS WILL ACHIEVE THE AIR QUALITY STANDARDS FOR SO2 - PARTICULATES - CO - HC AND OXIDANTS (ABBREV) ...Gases; Model Studies; Particulates - Air Pollution; Sulfur Dioxide Removal; ...1.0505

STATE ASSISTANCE IN STANDARDS FORMULATION ...Air Pollution; Air Pollution-chemistry; Legal Studies-general; Particulates - Air Pollution; ...1.0522

EVALUATION OF ADOPTED AIR QUALITY STANDARDS ...Air Pollution; Air Pollution-chemistry; Legal Studies-general; Particulates - Air Pollution; ...1.0523

USE OF ELECTRIC FIELDS IN COMBUSTION ...Air Pollution-chemistry; Combustion; Electric Field; Furnace and Incinerator Design; Furnaces; Incineration; Nitrogen and Nitrogen Cpds.; Pilot Plants; ...1.0638

DEFINE AND DEVELOP UNIFORM PROCEDURES FOR MEASURING PERFORMANCE EVALUATION PROCEDURES FOR CONTINUOUS ATMOSPHERIC ANALYZERS ...Absorption - Chemistry; Air Pollution Analysis; Air Pollution-chemistry; Detectors and Sensors; Gases; Instrument Services; Nitrogen and Nitrogen Cpds.; ...1.0671

FEASIBILITY STUDIES TO DETERMINE THE USE OF VARIOUS MATERIALS AS STANDARD REFERENCES FOR AIR POLLUTION MEASUREMENTS ...Air Pollution Monitoring; Energy Conversion; Inorganic Gases; Particulates - Air Pollution; ...1.0692

DETERMINE TIME-CONCENTRATION FREQUENCY RELATIONSHIPS IN AQCR'S FOR SOX, PARTICULATES, NO, HC, CO AND OXIDANTS ...Atmospheric Dynamics; Chemical Analysis -general; Energy Conversion; Gases; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Sulfur Dioxide Removal; ...1.0813

SINGLET MOLECULAR OXYGEN - OXIDATION IN POLLUTED AIR ...Air Pollution -see Specifics; Atmospheric Dynamics; Detectors and Sensors; Infrared Spectroscopy; Photosensitizer; Spectrographic Techniques, ...1.0870

EVALUATION OF THE EFFECTS OF SO2 AND NO ON THE PHOTOCHEMICAL REACTIVITY OF AIR PARCELS OF THE N.Y.C. - N.J. AREA ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Rate of Reaction; ...1.0902

MEASURE AND COMPARE REACTIVITIES AND COMPOSITION OF AIR PARCELS FROM BAYONNE, LINDEN, WILLOWBROOK, AND BRONX (ABBREV) ...Air Pollution Sampling; Constants; New Jersey; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0903

PREPARATION AND EVALUATION OF STARCH DERIVATIVES FOR DETERGENT BUILDERS ...Algae -nonspecific; Chelation & Complexing; Detergent Builders; Home Economics; Polymerization; Water Chemistry; ...2.0126

PHOTOCHEMICAL METHODS FOR PURIFYING WATER ...Chemical Oxygen Demand; Effluents - Waste Water; Pesticide Residues Removal; Pesticides -nonspecific; Photolysis; Pilot Plants; Washington; ...2.0877

METAL ION-CATALYZED OXIDATION OF PHENOLS AND AROMATIC AMINES ...Catalysis, Homogeneous; Chelation & Complexing; Isotope Tracer -see Tracers; Mechanism Determination; Organics; Oxygen; ...2.1109

PHOTOLYSIS MECHANISMS FOP POLLUTION ABATEMENT ...Organics; Photolysis; Solar Radiation -sunshine; Water Pollution Abatement; ...2.1245

CHEMICAL PULPING AND BLEACHING ...Air Pollution-chemistry; Electrolytic; Industrial Pollution -general; Materials -properties; Pulp and Paper Wastes; Reduction Reactions; Water Chemistry; ...3.0351

DETERMINE LIGNIN STRUCTURE AND BIOSYNTHESIS ...Aldehydes -nonspecific; Enzymes; Forest Industry; Hydrolysis, Esterification; Plant Waste Removal, Treatment; ...3.0371

Oxygen

METAL ION-CATALYZED OXIDATION OF PHENOLS AND AROMATIC AMINES ...Catalysis, Homogeneous; Chelation & Complexing; Isotope Tracer -see Tracers; Mechanism Determination; Organics; ...2.1109

EVALUATION OF AN OXIDATION-DITCH WASTEWATER TREATMENT PLANT IN SUB-ARCTIC ALASKA ...Alaska; Biological Treatment-general; Mathematical Models; Meteorological Extremes; Pond; Sub - Polar Regions; Waste Treatment Economics; ...2.1150

NITRIFICATION AT LOW TEMPERATURE ...Aeration (water); Biological Treatment-general; Effluent-standards; Sewage - Domestic; ...2.1184

Oxygention

EFFECTS OF HEAVY METALS ON ALGAL GROWTH AND ORGANIC REMOVAL EFFICIENCY IN STABILIZATION PONDS ...Industrial Wastes; Organic Waste -see Waste Treat; Pond; Sewage - Domestic; Waste Management -see Specific; ...3.0170

Ozonization

CHEMISTRY AND PROPERTIES OF OZONIDES ...Air Pollution - see Specifics; Catalysis, Homogeneous; Hydrolysis, Esterification; Reduction Reactions; Thermochemistry -biophysics; ...1.0880

CHEMISTRY OF SINGLET OXYGEN FROM OZONE SOURCES ...Air Pollution-chemistry; Gases; Oxidation; Photochemical Reactions; Smog; ...1.0894

DISINFECTION OF RENOVATED WASTEWATER ...Chlorination; Disinfection; General Recreation Studies; Sewage - Domestic; Water Reuse; ...2.0931

Wet Oxidation

AIR OXIDATION OF ORGANIC COMPOUNDS IN AQUEOUS SYSTEMS ...Air; Chemical Mechanisms & Kinetics; Kinetics; Organics; Pressure; Temperature; ...2.1204

CHEMICAL REACTIONS OF WOODS AND BARKS ...California; Combustion; Fuels; Industrial Wastes; Pulp and Paper Wastes; Pulp-waste; Water Chemistry; ...3.0065

ANALYSIS OF SOLID WASTE DISPOSAL METHODS ...Collection; Incineration; Pipelines; Transportation; Waste Type; ...3.0318

Oxygen Content (water)

WATER QUALITY AND NUTRIENTS, SACRAMENTO-SAN JOAQUIN RIVER SYSTEM ...Animal Productivity; California; Eutrophication; Fish; Nutrients; Organic Water Properties; Plankton; Tides; ...2.0041

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Water Properties; Eutrophic Lakes; Eutrophication; Iowa; Water Pollutants - Path of; Water Quality Control -general; ...2.0144

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Evaporation; Montana; Phytoplankton; Productivity of Freshwater; Stratification (water); Wyoming; ...2.0233

EUTROPHICATION AS A PROBLEM IN THE FINGER LAKES ...Acidity (water); Chlorophyll; Eutrophication; New York; Transparency; Water Properties -general; ...2.0267

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

ECOLOGY OF YEASTS IN LAKE CHAMPLAIN ...Acidity (water); Bioindicators; New York; Plant Freshwater Ecology; Temperature (water); Water Pollutant Identification; ...2.0700

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water); Animal Productivity; Chemical Water Properties; Ohio; Physical Water Properties; River Basins; Systems Analysis - Water Mgmt; Taxonomy -plant; Water Pollutant Identification; ...2.0722

HYDROLOGY OF CACHUMA RESERVOIR ...Aeration (water); California; Plant Population Dynamics -gen; Soil Tillage; Taste & Odor of Water; Water Quality -general; Water Utilization - domestic; ...2.0878

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

PHOTOSYNTHETIC REAERATION IN THE UPPER PASSAIC RIVER ...Aeration (water); Chemical Treatment (water); New Jersey; Photosynthesis; Streams & Rivers; Water Purification; ...2.1036

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acid Mine Drainage; Acidity (water); Algal Physiology; Alkalinity (water); Mine Drainage Control; Plant Freshwater Ecology; Rehabilitation -streams -lakes; Waste Water Treatment -general; ...2.1079

RESPIRATION OF AQUATIC MACROPHYTES IN EUTROPHIC SYSTEMS ...Algae -nonspecific; Aquatic Plants -nonspecific; Eutrophication; Mineral Nutrition; Primary Productivity - Plants; Water Purification; ...2.1088

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Adsorption; Algal Physiology; Colloidal Phenomena; Eutrophication; Gases; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Sewage Bacteria; Waste Water Treatment -general; ...2.1463

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Fish; Induced Temperature; Plankton; Temperature (water); Turbidity (water); Turbines; ...2.1552

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Animal Productivity; Benthic Fauna; Diatoms (see Also Algae); Energy Budgets; Fish; Marine Plants; New England Province; Sewage; ...2.1586

USE OF ALGAE, ALGAE-PROTOZOA, AND ALGAE-BACTERIA CULTURES IN SEWAGE TREATMENT ...Algae - Chlorophyta; Algae - Cyanophyta; Cellular Physiology- Env. Eff.; Foreign Agriculture; Product Development Research; Sewage - Domestic; Waste Water Treatment -general; ...3.0136

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Biological Effects; Chemical Effects; Herbicides and Other Chem; Metabolism of Algacides; Ponds; Water Quality -general; ...4.0392

Pacific Ocean

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII ...Activation Analysis; Air Pollution; Air Pollution Sampling; Antarctica; Atomic Absorption; Lead; Trace Analysis; ...1.0138

CONDENSATION NUCLEI AND AEROSOL POPULATIONS RELATED TO FOG FORMATION ...Aerosols; Air Pollution Analysis; California; Fog - Mist Dissipation; Meteorological Condensation; Nucleation Physics; ...1.0867

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - SUBPROJECT I - DETAILED EXPLORATION OF CS-137 AND CS-133 IN THE OCEAN ...Atmospheric Dynamics; Marine Environments; Ocean Circulation -general; Radioactivity; Sea Water Mass & Ocean Fronts; Trace Elements; ...2.0050

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mass Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

DISTRIBUTION OF RADIONUCLIDES IN A SERIES OF OCEAN WATER PROFILES AND SURFACE WATER STATIONS IN THE SOUTH PACIFIC OCEAN ...New Zealand; Radioactivity; ...2.0278

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Marine Geology; Mercury; Radioactivity; Sea Water Sampling; Trace Analysis; ...2.0418

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Beta Particles; Canals; Dredging; Gamma Spectroscopy; Harbors; Marine Geology; Ocean Meteorological Studies; Radioactivity; Seismology; ...2.0424

MEASUREMENTS OF BOMB-PRODUCED RADIOCARBON IN THE SURFACE AND SUB-SURFACE WATER OF THE PACIFIC OCEAN ...Indian Ocean -general; Marine Environments; Ocean Mixing; Particle - Gas Transfer; Radioactivity; Sea Water Sampling; Seismology; ...2.0505

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN ...Marine Environments; Marine Geology; Marine Pollution; Monitoring; ...2.0743

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish; Marine Animals; Marine Environments; Marine Photography-Television; Ocean Circulation -general; Ocean Currents; Radioactivity; Vertical Distribution; ...2.0972

MIXING, DIFFUSION AND CIRCULATION RATES IN OCEAN WATERS ...Atlantic Ocean; Chemical Reactions; Gases; Marine Environments; Ocean Turbulence; Radioactivity; Sea Water Mass & Ocean Fronts; ...2.1067

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN ...Cbp; Fish; Marine Pollution; Polychlorinated Biphenyl Cpds.; Water Standards & Baselines; ...2.1191

EFFECTS OF NUTRIENTS AND POLLUTANTS ON THE GROWTH OF MARINE PHYTOPLANKTON ...Algal Physiology; Marine Biology - General; Marine Pollution; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Temperature (water); ...2.1499

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships -

gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Contamination - Water; Marine Animals; Marine Biology - General; Marine Environments; Marine Geology; Marine Pollution; Oil; Sea Water Mass & Ocean Fronts; Ships and Cruises; ...2.1794

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...California; Data Reduction and Analysis; Fluid Mechanics; Ocean; Ocean Waves -see Waves; Salinity; Sewer Systems; Thermal Properties; ...3.0068

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

MEASUREMENTS OF NATURAL RADIOCARBON AND TRITIUM ...Carbon - 14 Dating; Dendrochronology; Marine Environments; Precipitation; Radioactivity, Natural; Sea Water Mass & Ocean Fronts; ...5.0790

Pakistan

CORROSION AND ENCRUSTATION MECHANISMS IN WATER SUPPLIES ...Corrosion, Deterioration; Demineralization; Mineralization; Oxidation; Thermodynamics; Water Wells; ...2.0991

Paleoenvironments

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

GEOCHEMISTRY-MINERALOGY OF THE MACKENZIE RIVER ...Absorption Capacity; Chemical Water Properties; Geochemical Analysis (water); Polar Oceanic Areas; Suspension; ...2.0056

Paleontology

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; .. 2.0087

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Georgia; Groundwater Movement; Lithology; Natural Recharge; Petrology; Specific Rock Unit; Water Table; ...2.0112

RELATION OF PHOSPHORUS IN LAKE BOTTOM DEPOSITS AND POLLUTIONAL HISTORY OF MINNESOTA LAKES ...Core Analysis; Environmental Geology; Lakes; Nutrients; Phosphorus and Phosphorus Cpds; ...2.0645

DIATOMS IN LAKES AND LAKE SEDIMENTS AS AN INDEX TO ENVIRONMENT ...Aquatic Soils; Core Analysis; Lake Deposits; Literature Search; Pollens -see Air Pollution; Water Standards & Baselines; ...2.0647

DISTRIBUTION AND ECOLOGY OF RIVER MOLLUSKS IN CENTRAL AND WESTERN NORTH DAKOTA ...Animal Distribution; Atlantic Ocean; Chlorine; Mollusca; Pollution Effects - see Water; Water Pollution Effects; ...2.1667

Paleozoic Era

Cambrian Period

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination; Eastern U. S.; Landfill; Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

PILOT SCALE INVESTIGATIONS OF WELL RECHARGE USING CORED SAMPLES ...Aquifers; Effluents - Waste Water; Injection Wells; Sandstones; Sewage; Waste Water Treatment - general; ...2.1254

Ordovician Period

PILOT SCALE INVESTIGATIONS OF WELL RECHARGE USING CORED SAMPLES ...Aquifers; Cambrian Period; Effluents - Waste Water; Injection Wells; Sandstones; Sewage; Waste Water Treatment -general; ...2.1254

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

Pennsylvanian Period

NORTHERN ANTHRACITE FIELD ...Anthracite; Economic Mineral Appraisals; Geologic Maps; Structural Analysis - Geology; ...3.0024

Permian Period

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Baseflow; Fresh Water; Groundwater Basins; Saline Water Intrusion; Seepage (water); Tectonics; Water Pollution Sources; ...2.0376

Particle Accelerators

RADIATION PROTECTION AND MEASUREMENT ...Disposal Methods; Food Contamination; Neutron -see Radiation; Radiation Shielding; Radioactive Isotopes; Strontium; X and Gamma Rays; ...5.0806

MANUAL OF ACCELERATOR RADIATION PROTECTION ...Handbooks; Radiation Injury Prevention; Radioactive Hazard; ...5.0858

THEORETICAL RADIATION DOSIMETRY ...Dosimetry; Fast Neutrons; Monte Carlo Methods; Protons; Radiation -see Specifics; Radiation Penetration; Radioactive Hazard; ...5.0939

Atomic Particle Accelerators

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Ionizing Radiation -see Rad.; Microorganisms; Protons; Radiation -see Specifics; Radioactive Isotopes; X and Gamma Rays; Yeasts -nonspecific; ...5.0775

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Cellular Viability; Ionizing Radiation -see Rad.; Protons; Radiation -see Specifics; Radiation Sensitivity -man; Radioactive Isotopes; X and Gamma Rays; ...5.0776

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Dosimetry; Ionizing Radiation -see Rad.; Protons; Radiation -see Specifics; Radiation Effects - Biological; Radiation Penetration; X and Gamma Rays; ...5.0777

BIOLOGICAL AND CLINICAL DOSIMETRY ...Dosimetry; Fast Neutrons; Monitors and Automatic; Neutron Detectors; ...5.0872

Linear Accelerator

PHYSICAL AND BIOLOGICAL INVESTIGATIONS OF HIGH ENERGY RADIATION DIRECTED MAINLY TOWARD THERAPY ...Beta Particles; Cancer; Computer Methods -general; Facilities; Radiation Effects - Biological; Radiation Shielding; X and Gamma Rays; ...5.0833

Neutron Generator

RADIATION PROTECTION AND MEASUREMENT ...Disposal Methods; Food Contamination; Neutron -see Radiation; Particle Accelerators; Radiation Shielding; Radioactive Isotopes; Strontium; X and Gamma Rays; ...5.0805

IN-VIVO NEUTRON ACTIVATION ...Americum; Calcium; Chlorine; Fast Neutrons; Iodine; Models (physical) of Animal & Man; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Radiation, Whole Body; ...5.0896

Van De Graaff Accelerator

ATOMIC AND NUCLEAR RESEARCH WITH ACCELERATORS ...Attenuation; Fission Products-see Radioact.; Ionizing Radiation -see Rad.; Nuclear Structure; Residues in Foods; ...4.0320

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Commelinaceae; Dosimetry; Ionizing Radiation - see Rad.; Muridae; Plasmas; Radiation; Radiation Sources - general; X and Gamma Rays; ...5.0870

RADIOLOGICAL PHYSICS ...Alpha Particles; Cell Injury and Autolysis; Cellular Viability; Dosimetry; Minimum Or Threshold Dose; Radiation; Spectrographic Techniques; ...5.0892

HEALTH PHYSICS RESEARCH REACTOR AND MONOENERGETIC RADIATIONS FACILITY ...Dosimetry; Ionizing Radiation -see Rad.; Radiation Injury Prevention; Radioactive Hazard; Spectrographic Techniques; X and Gamma Rays; ...5.0925

Particulate Matter - Air Poll.

PARTICULATE EMISSIONS FROM TWO-CYCLE GASOLINE ENGINES ...Air Pollution; Combustion; Engines; Fuels; Particulates - Air Pollution; Spark Ignition; ...1.0064

COMPLETE THE ENGLAND SMOKESHADE - U.S. PARTICULATE COMPARISON STUDY ...Air Pollution -see Specifics; British Isles; Mathematical Analysis; Particulates - Air Pollution; Statistics; ...1.0101

VENTILATION DURING TUNNEL CONSTRUCTION ...Air Pollution-chemistry; Dust; Legal Studies-general; Smoke -see Air Pollution; Tunnels; ...1.0140

AIR POLLUTION CONTROL COSTS ASSOCIATED WITH SOLID WASTE DISPOSAL ...Air Pollution-chemistry; Body; Inorganic Gases; Particulates - Air Pollution; Waste Type; ...1.0463

CAVEN POINT INCINERATOR EVALUATION ...Air Pollution Monitoring; Furnace and Incinerator Design; Furnaces; Legal Studies-general; Particulates - Air Pollution; ...1.0501

AEROSOL FILTRATION IN SLIP AND TRANSITION FLOW ...Aerosols; Filters; Filtration; ...1.0534

BASIC STUDY OF AIR POLLUTION WET-SCRUBBERS ...Absorption - Chemistry; Chemical Mechaniams & Kinetics; Energy Conversion; Foam; Washing; ...1.0538

CONTROL OF PARTICULATE EMISSIONS FROM GASOLINE ENGINES ...Air Cleaning Devices; Combustion; Engine; Fluidized Bed Reactor; Particulates - Air Pollution; ...1.0552

SCRUBBING OF REFUSE INCINERATOR EMISSION GASES ...Exhaust, Combustion -see Auto; Furnace and Incinerator Design; Furnaces; Incineration; Scrubbers; ...1.0584

CLOSED LOOP FILTERING SYSTEM FOR USE IN COTTON GINS ...Dust; Fibers; Filters; Gossypium; ...1.0592

DESIGN OF WET SCRUBBING TEST FACILITIES ...Air Pollution Monitoring; Noise -see Noise; Particulates - Air Pollution; Scrubbers; ...1.0603

FEASIBILITY STUDIES TO DETERMINE THE USE OF VARIOUS MATERIALS AS STANDARD REFERENCES FOR AIR POLLUTION MEASUREMENTS ...Air Pollution Monitoring; Energy Conversion; Inorganic Gases; Oxidants; Particulates - Air Pollution; ...1.0692

CONTINUOUS PARTICULATE MONITORS FOR FOSSIL FUEL COMBUSTION SOURCES ...Air Pollution Monitoring; Air Pollution-chemistry; Coal Research; Combustion; Exhaust, Combustion -see Auto; Particulates - Air Pollution; ...1.0733

BIRMINGHAM SOILING STUDY ...Air Pollution Monitoring; Alabama; Particulates - Air Pollution; ...1.0754

POLLUTANTS IN CHIMNEY STACK PLUMES ...Air Pollution - see Specifics, Air Pollution-chemistry; Combustion; Energy Conversion; Infrared Spectroscopy; Radiation Detectors; ...1.0846

Pavement

VEHICLE AND HIGHWAY SAFETY ON WINTER TIRES, WINDSCREENS, BRAKING SYSTEMS AND AIR POLLUTION ...Automotive Application; Body; Brake; Ceramics; Combustion; Tires; Traffic Engineering; ...1.0056

USE OF DOMESTIC WASTE GLASS FOR URBAN PAVING ...Ceramics; Recoverable Materials; Streets; Urban Research - general; ...2.1325

ENGINEERING PROPERTIES OF COMPACTED ASH FILLS ...Burning; Combustion; Construction Materials; Engineering Mechanics; Materials -properties; Soil Compaction Or Density; ...3.0179

STABILIZATION OF LOW-GRADE AND WASTE MATERIALS ...British Isles; Ceramics; Chalky Limestone; Construction Materials, Recoverable Materials; Shale; Soil Cement; ...3.0324

UTILIZATION OF SOLID WASTES FROM THE COMBUSTION AND MINING OF COAL ...Automotive Application; Combustion; Elastomers; Product Development Research; Soil Amendments; Soil pH; ...3.0341

SYNTHETIC FILLER FOR USE IN HIGHWAY CONSTRUCTION ...Ceramics; Corrosion, Deterioration; Lubricants and Fluids; Materials -properties; Recoverable Materials; ...3.0395

SELECTION AND DEVELOPMENT OF ANTI-SKID SURFACES ...Noise; ...6.0029

TRAFFIC NOISE ...Noise; Structural Design; Tires; ...6.0033

CONCRETE BASE FOR RAILWAY TRACKS ...Engineering Mechanics; Mathematical Models; Noise; Railroads -see Transportation; Structural Mechanics; Tunnels; ...6.0043

Pennsylvania

LIDAR STUDY ...Atmospheric Dynamics; Lasers and Masers; Particulates - Air Pollution; Particulates and Aerosols; Power Plants; Weather Radar; ...1.0012

ANALYSIS OF CHEMICAL COMPOUNDS IN AN URBAN AEROSOL ...Aerosols; Air Pollution; Air Pollution-chemistry; Chromatography; Coulometry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0135

COMPLETE ANALYSES OF DATA & PREPARE A REPORT OF A STUDY OF PHILADELPHIA IN RELATION TO SOX & PARTICULATE AIR POLLUTION LEVELS ...Air Pollution -see Specifics; Air Pollution Effects; Gases; Particulates - Air Pollution; Sulfur Dioxide; ...1.0340

REGIONAL CONTROL COST STUDY IN PHILADELPHIA ...Costs -see Economics Entries; Gases; Particulates - Air Pollution; Urban Research -general; ...1.0453

SOCIAL IMPACT OF AIR POLLUTION ON THE PHILADELPHIA AIR QUALITY CONTROL REGION ...Air Pollution -see Specifics; Air Pollution Effects; Urban Research -general; ...1.0512

DRAINAGE OF PENNSYLVANIA ANTHRACITE MINES ...Acid Mine Drainage; Data Acquisition; Local Stratigraphy; Mine Hydrology; Structural Analysis - Geology; ...2.0093

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Drilling Operation; Groundwater; Iron; Underground Workings; Water Table; ...2.0340

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination; Eastern U. S.; Landfill; Leaching; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality - general; ...2.0349

CHARACTERISTICS OF DRAINAGE FROM DEEP BITUMINOUS COAL MINES IN WESTERN PENNSYLVANIA ...Acid Mine Drainage; Bituminous; Data Reduction and Analysis; Waste Water Treatment -general; ...2.0751

HYDROGEOLOGY OF PUBLIC GROUND WATER SUPPLIES IN PENNSYLVANIA ...Chemical Analysis (water); Groundwater; Management (water); Potomac River; Susquehanna River; Water Yield; ...2.0753

TREATMENT OF COAL MINE WATERS TO MEET CURRENT COMMONWEALTH WATER DISCHARGE REQUIREMENTS ...Coal; Waste Management -see Specific; Waste Treatment Economics; Water Pollution Sources; ...2.0937

FACTORS AFFECTING MINE DRAINAGE AND THE GROUND WATER INTERACTIONS IN SELECTED AREAS OF WESTERN PENNSYLVANIA (PART 2) ...Acid Mine Drainage; Aquifers; Chemical Analysis (water); Groundwater; Groundwater Movement; Strip Mines; ...2.0938

FEASIBILITY OF SUBSURFACE LIQUID-WASTE DISPOSAL IN PENNSYLVANIA ...Environment; Fluid Dynamics - Migration; Geology -general; Literature Search; Waste Disposal, Underground; ...2.1248

NEUTRALIZATION AND PRECOAT FILTRATION OF CONCENTRATION SLUDGES FROM MINE WATER ...Acid Mine Wastes; Benefit-cost Analysis; Drainage; Mining Industry; Neutralization; Waste Treatment Economics; ...2.1391

STUDY OF THE USE OF INERT GASES TO ELIMINATE ACID POLLUTION FROM ABANDONED DEEP MINES ...Acid Mine Wastes; Mine Atmosphere Conditions; Mine Hydrology; Pressure - Density; Underground Workings; ...2.1399

MICROBIOLOGICAL CHARACTERIZATION OF ACTIVATED SLUDGE IN A WASTEWATER TREATMENT PLANT CHEMICALLY MODIFIED FOR PHOSPHORUS REMOVAL ...Activated Sludge; Bacterial Identification; Cellular Physiology- Env. Eff.; Organics; Phosphorus and Phosphorus Cpds; ...2.1403

CYTOPATHOLOGY IN FISH EXPOSED TO STREAM POLLUTANTS ...Acid Mine Drainage; Ecological Effects; Fish Hatcheries; Physiological Effects; Salvelinus; ...2.1690

FISH AND FOOD ORGANISMS IN MINE ACID WATERS OF PENNSYLVANIA ...Acid Mine Drainage; Alkalinity (water); Behavior -vertebrate; Chemical Effects; Fish; Physiological Effects; ...2.1691

STATE WATER QUALITY MANAGEMENT INFORMATION SYSTEM ...Data Reduction and Analysis; General Information Services; Information Science; Management (water); Water Quality -general; Water Quality Control -general; ...2.1902

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Easements - Right of Ways; Land Use; Storm Water; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1906

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Groundwater; Land Use; Percolation (water); Primary Treatment; Secondary Treatment; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1907

CRITERIA FOR DETERMINING ECONOMIC PRIORITIES IN AWARDING SEWAGE FACILITY CONSTRUCTION GRANTS ...Economic Efficiency; Factor Analysis; Waste Treatment Economics; Welfare Economics; ...2.1908

NORTHERN ANTHRACITE FIELD ...Anthracite; Economic Mineral Appraisals; Geologic Maps; Pennsylvanian Period; Structural Analysis - Geology; ...3.0024

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Structure -other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

PEAT STUDIES ...Environmental Geology; Maryland; Peat; Sediment Lithification; West Virginia; ...3.0345

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Bioassay; Colloids; Pesticide Formulation; Pesticide Persistance in Soils; Pesticide Residues; Plant Tissue Analysis -chem.; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

SUGAR BEETS FOR PENNSYLVANIA ...Chenopodiaceae; Irrigation; Pesticide Residues; Soil Depth; Soil Fertility; ...4.0462

Percolation (water)

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure -other; Water Reuse; ...2.0031

PREDICTION OF MINERAL QUALITY OF RETURN FLOW WATER FROM IRRIGATED LAND ...Computer Models; Effluents - Waste Water; Irrigation; Soil Chemical Properties; Water Storage; ...2.0067

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Animal Wastes - Feed Lots; Contamination - Soil; Fertilizers; Nutrients; Soil Analysis; Soil Minerals -natural; Water Pollutants - Path of; ...2.0081

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Freezing & Below; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality -general; Water Table - Depth of; ...2.0096

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Management (water); Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Urban Environment; Water Balance - Budget; ...2.0108

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects - see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater, Infiltration; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

A SYSTEM FOR GEOLOGIC EVALUATION OF POLLUTION POTENTIAL AT MOUNTAIN DWELLING SITES ...Data Reduction and Analysis; Groundwater; Sewage; Water Pollutant Identification; ...2.0521

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Seepage (water); Soil Temp. -non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl. Adsorption); Arsenic; Chemical Properties; Contamination - Soil; Industrial Wastes; Particulates - Air Pollution; Precipitation; Soil Chemical Properties; Water Pollutants - Path of; ...2.0662

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Leaching; Soil Analysis; Soil Chemical Properties; Soil Filters; Soil Organic Content; Soil Texture; Waste Disposal on Soils; ...2.0980

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Chemical Analysis -general; Farm Animal Wastes; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Moisture; Soil Organic Content; Sprinkler Irrigation; Water Table; ...2.0994

MINIMIZING NITRATE POLLUTION OF GROUNDWATER AND STREAMS ...Absorption (incl. Adsorption); Groundwater; Nitrogen Cycle -see Denitrif.; Rhizosphere; Soil Profile; ...2.1013

THE INFLUENCE OF SOILS ON POLLUTION ...Adsorption; Drainage; Nutrients; Pesticide Degradation -see Deg; Pesticides - nonspecific; Soil Fertility; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1046

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

FILTRATION OF AQUEOUS EFFLUENTS CARRYING EMULSIFIED OILS ...Chemical Water Properties; Coalescence; Filters-filtration; Fluid Mechanics; Turbidity (water); ...2.1169

MICROBIAL TRANSFORMATION OF POULTRY LITTER AND ITS RELATION TO WATER POLLUTION ...Agricultural Runoff; Cellular Catabolism-see Degrad; Groundwater; Nitrogen Bacteria; Soil Microbiology; ...2.1232

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Effluent-standards; Forest Management; Idaho; Irrigation; Sediment Thickness; Water Costs; Water Reuse; ...2.1241

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Glaciology; Groundwater; Lysimeters; Ponds; Soil Moisture; Soil Types -also See Specifics; Till; Water Pollutants - Path of; ...2.1285

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Food Processing Industries; Gallus Domesticus; Infiltration; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Moisture; Sprinkler Irrigation; Water Quality -general; ...2.1287

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Animal Wastes - Feed Lots; Chemical Analysis (water); Escherichia Coli; Farm Animal Wastes; Lysimeters; Physical Models; Salmonella -nonspecific & - ot.; Waste Disposal on Soils; ...2.1288

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation;

Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

DEVELOP FIELD PROCEDURES FOR PREDICTING MOVEMENT OF LIQUID WASTES IN SOILS ...Saturated - Unsaturated Soils; Septic Tanks; Soil Analysis; Soil Moisture; Soil Permeability; Water Pollutants - Path of; Wisconsin; ...2.1459

EFFECTS OF RECENT AND PAST PHOSPHATE FERTILIZATION ON THE AMOUNTS OF PHOSPHORUS PERCOLATING THROUGH SOIL PROFILES INTO SUBSURFACE WATERS. ...Adsorption; Fertilizers; Mineralogy; Model Studies; Soil Analysis; Soil Chemical Properties; Soil Organic Content; ...2.1616

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Desalination; Electrodialysis; Irrigation; Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1804

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Groundwater; Land Use; Primary Treatment; Secondary Treatment; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1907

THE ROLE OF SOIL IN FARM WASTE MANAGEMENT ...Agricultural Runoff; Farm Pond; Sediments; Soil Chemical Properties; Soil Organic Content; ...3.0001

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES ...Anthracite; Contamination; Industrial Wastes; Infiltration; Leaching; Mine Wastes; Site -see Waste Disposal; ...3.0032

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Agricultural Runoff; Bos; Farm Animal Wastes; Poultry -nonspecific; Waste Disposal on Soils; ...3.0156

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Animal Wastes - Feed Lots; Chlorine; Farm Animal Wastes; Lysimeters; Sprinkler Irrigation; Water Application Methods; ...3.0166

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

ULTIMATE DISPOSAL OF SLUDGES BY SURFACE SPREADING ...Dewatering; Disposal; Oxidation; Pipelines; Soil Microbiology; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0259

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0298

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Structure - other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water; Infiltration; Organic Water Properties; Pilot Plants; Safety -see Farm Safety; South Carolina; Waste Management -see Specific; Water Purification; ...3.0310

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes - nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Gas Chromatography; Leaching; Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Fenuron; Monuron; Pesticide Movement in Soils; Soil Chemical Properties; Soil Moisture; ...4.0156

Performance - Behavioral Study

PERFORMANCE, RECOVERY, AND MAN-MACHINE EFFECTIVENESS ...Fatigue ; Military Personnel; Sleep Deprivation, Fatigue; Stressors, Physiological; Systems Research; Temperature & Humidity Effects; Vibrations, -bioeffects; ...1.0298

PERFORMANCE DECREMENTS IN AIR CREWS EXPOSED TO CONTAMINATED LIFE SUPPORT GASES ...Accident; Air Pollution -see Specifics; Aviation Medicine; Mammals -nonspecific; Psychology; Toxicology; ...1.0301

BEHAVIORAL PHARMACOLOGY AND TOXICOLOGY ...Canidae; Cebeidea; Muridae; Pigeon; Toxicology; ...1.0383

EFFECTS OF IRRADIATION UPON AIRCREW EQUILIBRIUM ...Aviation Medicine; Environmental Effects - Human; Nuclear Warfare; Pilots; Radiologic Health; ...5.0698

RADIATION EFFECTS ON CREW-TYPE MULTIPLE TASKS ...Environmental Effects - Human; Nuclear Warfare; Primates - nonspecific; Radiation Effects - Biological; X and Gamma Rays; ...5.0699

RADIATION ALTERED AIRCREW TRACKING ABILITY ...Cercopithecoidea; Military Personnel; Psychology; Radiation Effects - Biological; Radiation Sources -general; Sensory & Perceptual Processes; Systems Research; ...5.0700

EFFECTS OF IRRADIATION ON COMBAT CREW TASK COMPLEXITY ...Learning and Retention; Primates -nonspecific; Psychology; Radiation Sensitivity -man; ...5.0702

PREDICTION OF AIRCREW PERFORMANCE BY PSYCHOPHYSIOLOGICAL MONITORING ...Primates -nonspecific; Psychology; Radiation Effects - Biological; Stressors, Physiological; ...5.0948

WHOLE-BODY EFFECTS OF AIR FORCE NOISE ON PEOPLE ...Auditory Physiology; Aviation Medicine; Infra Red; Noise; Sensory & Perceptual Processes; Ultrasonic -bioeffects; ...6.0010

PSYCHOLOGICAL AND PHYSIOLOGICAL ADAPTATION TO SIMULATED SONIC BOOMS - PHASE I ...Auditory Stress; Fatigue; Noise; Stressors, Physiological; ...6.0104

MOTOR PERFORMANCE UNDER SUDDEN STRESS - PHASE II ...Altitude & Acceleration; Auditory Stress; Personality; Pilots; Psychology; ...6.0105

THE CLIMATE LABORATORY IN LUND (1967) ...Auditory Stress; Building Construction; Noise; Stressors, Physiological; Temperature & Humidity Effects; ...6.0109

Periodicals, Journals

THE RELATIONSHIP BETWEEN THE USE OF AGRICULTURAL CHLORINATED HYDROCARBONS AND THEIR RESIDUES IN CHANNEL CATFISH ...Chemical Analysis; DDT; Fish; Land Use; Pesticides -see Pesticide; River Basins; ...4.0754

PESTICIDE DATA - PHEASANT ...Chemical Analysis; Pesticide Action on Animals; Pesticides -nonspecific; Pheasant; ...4.0755

Periphyton

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination - Water; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Pollution Effects -see Water; Primary Productivity - Plants; Sewage; Water Quality -general; ...2.0119

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Algal Physiology; Eutrophic Lakes; Mineral Nutrition; Organic Water Properties; Photosynthesis; Plant Epiphytic Relationships; Plant Productivity -general; Submerged Plants; ...2.0198

PHOSPHATE MINING EFFLUENT IN ESTUARINE ECOLOGY ...Amphibious Plants; Contamination - Water; Ecological Effects; Estuaries; Mining Industry; Phosphorus and Phosphorus Cpds; Pollution Effects -see Water; Toxic Minerals; ...2.0292

STUDIES ON EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Chemical Water Properties; Forest Cutting Operations; Forest Watersheds; Optical Properties of Water; Primary Productivity - Plants; Suspension; ...2.0321

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris, Nutrients; Plant Freshwater Ecology; Plant Population Dynamics - gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...3.0374

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Atomic Plants; Columbia River; Energy Conversion; Fish; Phosphorus and Phosphorus Cpds; Water Pollution Sources; Zinc; ...3.0430

LAKE SUPERIOR PERIPHYTON IN RELATION TO WATER QUALITY ...Animal Interrelationships -gen; Balance of Nature - Plants; Contamination - Water; Fertilizers; Nutrients; Plankton; ...3.0644

TESTACEA (PROTOZOA - SARCODINA) AS INDICATORS OF WATER QUALITY IN WESTERN MONTANA ...Animal Habitat Studies; Bottom Sampling; Protozoa; Water Quality - general; ...3.0662

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...3.0670

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Plankton Sampling; Types of Resources; Water Quality -general; ...3.0763

NATURE OF EXOTIC SUBSTANCES IN SURFACE WATERS AND IMPLICATIONS AS WATER SUPPLY CONTAMINANTS ...Arthropods; Atomic Absorption; Detectors and Sensors; Emission Spectroscopy; Gas Chromatography; Water Pollutant Identification; Water Pollution -see Specifics; ...3.0786

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Chemical Water Properties; Contamination - Water; Growth; Physiological Effects; Plant Habitat Studies; Sewage; Water Pollutant Identification; Water Pollution Sources; ...3.0798

ARTIFICIAL SUBSTRATE SAMPLERS AS INDICATORS OF WATER QUALITY ...Bioindicators; Bottom Sampling; Circulation (water); Currents (water); Statistics; Water Pollutant Identification; ...3.0860

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algicides -nonspecific; Biological; Coatings -see Materials; Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Plastics; Water Distribution Systems; ...3.0977

REVERSAL OF EUTROPHICATION THROUGH ARTIFICIAL AERATION OF LAKES ...Aeration (water), Benthic Fauna; Eutrophic Lakes; Michigan; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Vertical Distribution; ...3.1045

PILOT STUDIES IN THE RESTORATION OF THE PHYSICAL ENVIRONMENT OF A STREAM TO MAINTAIN A CLEAN WATER FLORA AND FAUNA ...Animal Productivity; Filtration; Pilot Plants; Rehabilitation -streams -lakes; Size; Water Quality Control -general; ...3.1462

POLLUTION AND THE ECOLOGY OF NEAR-SHORE PERIPHYTON OF LAKE SUPERIOR ...Cellular Physiology- Env. Eff.; Contamination - Water; Environmental Influences; Eutrophication; Nutrients; ...3.1899

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants, Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...3.1707

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle, Water Pollution Sources; ...3.1782

Permafrost - Frozen Soils

ORGANIC COMPOUNDS IN ALASKA PERMAFROST GROUNDWATER ...Alaska; Groundwater; Thin Layer Chromatography; Water Pollutant Identification; ...3.0471

ARCTIC ENGINEERING GEOLOGY (NASA) ...Alaska; Freight Service; Infrared Radiation; Oil and Natural Gas - Sulfur; Petroleum Research; Surveying; Transportation Management; ...3.0697

HEAVY METALS - ENVIRONMENTAL CONTROL SYSTEMS DESIGN--FAIRBANKS PLACERS ...Placer; ...3.0739

ARCTIC ENGINEERING GEOLOGY (TAPS) ...Alaska; Environmental Hazards; Geology -general; Polar Regions; Remote Sensing; ...3.0917

UTILITIES IN PERMAFROST FOR MILITARY INSTALLATIONS ...Building Construction; Building Design; Electric Power Plants, Military Buildings; Sewage - Domestic; Waste Disposal-see Solid Waste; ...3.0214

Personality

ENVIRONMENTAL INFLUENCES ON BEHAVIOR ...Auditory Stress; Crowding; Noise; Social Pressures; Social Psychology; Urban Environment; ...4.0041

PHYSIOLOGICAL AND PSYCHOLOGICAL ADJUSTMENT TO NOISE ...Auditory Stress; Noise; Psychology; Sensory & Perceptual Processes; ...4.0049

MOTOR PERFORMANCE UNDER SUDDEN STRESS - PHASE II ...Altitude & Acceleration; Auditory Stress; Performance - Behavioral Study; Pilots, Psychology; ...4.0180

Pest Control Measures

MOSQUITO CONTROL - TIDAL MARSHES ...Chemical Analysis; Land Use, Modification Effects; Pesticide Action on Animals; Physical Control; Swamps - Marshes; ...3.0352

IMPROVING SURFACE WATER CONDITIONS THROUGH CONTROL AND DISPOSAL OF AQUATIC VEGETATION ...Economic Efficiency; Eutrophication; Plant Pollutants; Water Quality Control -general; Wisconsin; ...3.1138

CATTLE FEEDLOT PEN DESIGN ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sludge; Water Quality Control -general; ...3.0273

COMMUNITY CAGE HOUSING OF LAYING CHICKENS ...Behavior -vertebrate; Farm Structures & Design; Injury -animal; Space Requirements; Wind -see Air Motion; ...3.0337

INSECTS AFFECTING THE APPLE ...Animal Life History Studies; Biological Control; Guthion; Insect Chemoreflexes -ss.; Monitor; Pesticide Evaluation; Pesticide Phytotoxicity; Torak; ...4.0334

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Bacillus Thuringiensis; Biological Control; Convolvulaceae; Furadan; Liquids Or Sprays; Monitor; Pesticide Evaluation; Thuricide; ...4.0354

BIOLOGICAL CONTROL OF COTTON INSECTS ...Animal Life History Studies; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Viruses - Animal; ...4.0052

ROLE OF BENEFICIAL INSECTS IN COTTON INSECT CONTROL ...Biological Control; Insecticides -nonspecific; Insects - Beneficial; Pesticide Action on Animals; ...4.0691

BIOLOGICAL CONTROL AGENTS TO REPLACE OR SUPPLEMENT PESTICIDES TO CONTROL PHYTOPHAGOUS ARTHROPODS ...Biological Control; Furadan; Imidan; Insects - Beneficial; Pesticide Evaluation; ...4.0078

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0040

Biological Control

THE IMPORTANCE OF THE FOOD CHAIN IN BOTULISM INTOXICATION AMONG WATERFOWL LAKES AND SLOUGHS OF THE DEVILS LAKE REGION IN NORTH DAKOTA ...Animal Productivity; Bacillus Licheniformis; Clostridium Botulinum; Lakes; Pathology; Waterfowl -nonspecific; ...3.0299

EUTROPHICATION - BIOLOGICAL CONTROL USING GRAZERS ...Algae -nonspecific; Cultural Control; Eutrophication; Literature Search; Plant Pollutants; Water Quality Control - general; ...3.0333

MICROBIOLOGY OF ACID DRAINAGE FROM COAL MINES ...Acid Mine Drainage; Bacterial Population Surveys; Ferrobacillus; Heterotrophic Bacteria; Thiobacillus; ...3.0432

SLIME CONTROL ASSOCIATED WITH PULP MILL EFFLUENTS ...Bacterial Pollutant Sources; Carbon; Industrial Wastes; Process Design; Pulp and Paper Wastes; ...3.0636

CONTROL OF FLIES AND OTHER INSECTS ASSOCIATED WITH SWINE PRODUCTION WITHOUT INSECTICIDE ...Farm Animal Wastes; Sewage Lagoons; Sun; ...3.0140

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Chlorobenzilate; Chlorphenamidine; Economic Losses (or Benefits); Medicago; Pesticide Application Rates; Pesticide Evaluation; Toxaphene; ...4.0010

INVESTIGATION OF PESTICIDE DRIFT IN THE LOWER RIO GRANDE VALLEY OF TEXAS ...Climates -general; Insects - Beneficial; Pesticide Drift; Population Dynamics -general; ...4.0071

ENCAPSULATION OF INSECTICIDES AND VIRUSES FOR CONTROL OF INSECTS ...Excessive Moisture; Formulations - nonspecific; Granules, Capsules; Malathion; Pesticide Persistance in Soils; Pesticide Residues; ...4.0160

APPLICATION OF AGRICULTURAL CHEMICALS ...Cyclone; Equipment; Lebistes; Nematode; Pesticide Application Equip.; Pesticide Drift; Phaseus; Pyrus Malus; Viruses - Animal; ...4.0163

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Diazinon; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

BIOLOGICAL CONTROL OF HELIOTHIS ZEA ATTACKING COTTON ...Animal Distribution; Methyl Parathion; Pesticide Evaluation; Population Dynamics -general; ...4.0221

THE RELATIONSHIP OF INSECTS TO THE LEAFROLL VIRUS DISEASE OF POTATO ...Aliphatic Carbamates; Granules, Capsules; Pesticide Application Rates; Pesticide Phytotoxicity; Vegetables; ...4.0309

INSECTS AFFECTING THE APPLE ...Animal Life History Studies; Guthion; Insect Chemoreceptors -os.; Monitor; Pesticide Evaluation; Pesticide Phytotoxicity; Torak; ...4.0334

FACTORS INFLUENCING PLANT RESPONSES TO HERBICIDES ...Adjuvants; Herbicides -nonspecific; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Safety Measures; Plant Absorption -other; ...4.0341

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Bacillus Thuringiensis; Convolvulaceae; Furadan; Liquids Or Sprays; Monitor; Pesticide Evaluation; Thuricide; ...4.0354

DUTCH ELM DISEASE ...Benlate; Fungal Resistance; Ornamentals; Pesticide Evaluation; Pesticide Residues; ...4.0358

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

CURRANT STEM GIRDLER AND CURRANT BORER ...Animal Life History Studies; Economic Losses (or Benefits); Insecticides - nonspecific; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Saxifragaceae; ...4.0416

CONTROL OF ARTHROPOD PESTS OF COTTON ...Animal Resistance; Costs -see Economics Entries; Gossypium; Pesticide Action on Plants; Pesticide Persistance in Soils; Pesticides Compatibility; Toxaphene; ...4.0425

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0439

INTEGRATED CONTROL OF INSECT AND MITE PESTS OF APPLE ORCHARDS ...Arachnida; Economic Losses (or Benefits); Insecticides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0441

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS ...Aliphatic Carbamates; Bacillus Thuringiensis; Chlorphenamidine; Furadan; Methomyl; Pesticide Application Equip.; Pesticide Residues; Thuricide; ...4.0444

BIOLOGY AND CONTROL OF ARTHROPODS ON APPLES ...Acaricides -nonspecific; Animal Life History Studies; Chlorphenamidine; Monitor; Pesticide Evaluation; Phosalone; ...4.0475

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Dbas, -2,4-; Fish; Haloragaceae; Paraquat; Pesticide Evaluation; Pesticide in Food Chains; Ponds; ...4.0529

INTEGRATED CONTROL OF PEACH INSECT PESTS ...Animal Distribution; Arachnida; Guthion; Pesticide Evaluation; Population Dynamics -general; ...4.0546

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Birds; Forest Environment -general; Passeriformes; Pesticide in Food Chains; Physical Control; ...4.0549

BIOLOGICAL CONTROL OF COTTON INSECTS ...Animal Life History Studies; Economic Losses (or Benefits); Insecticides -nonspecific; Pest Control Measures; Viruses - Animal; ...4.0553

BIOLOGY AND CONTROL OF ORANGEWORMS ATTACKING CITRUS, WITH REFERENCE TO ORANGE TORTRIX ...DDT; Insects - Beneficial; Pesticide Application Rates; Pesticide Residues; TDE; ...4.0562

INTEGRATED BIOLOGICAL-SYSTEMIC INSECTICIDE CONTROL OF COTTON ...Insecticides -nonspecific; Pesticide Toxicity in Animals; ...4.0565

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - STUDIES ON THE BIOLOGY AND STERILIZATION OF THE COFFEE LEAF MINER ...Animal Resistance; Foreign Agriculture; Guatemala; Pesticide Toxicity in Animals; Physical Control; Rubiaceae; X and Gamma Rays; ...4.0583

IDENTIFICATION, BIOLOGY AND CONTROL OF INSECTS ATTACKING SWEET CORN ...Animal Life History Studies; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Zea Mays - Field Corn; ...4.0585

BIOLOGICAL AND INTEGRATED CONTROL OF ARTHROPOD PESTS ...Animal Migration; Herbicides -nonspecific; Insects - Beneficial; Phaseolus; Rain; ...4.0607

BIOLOGY AND CONTROL OF THE HELIOTHIS COMPLEX ON COTTON ...Aliphatic Carbamates; Animal Resistance; DDT; Population Dynamics -general; Toxaphene; ...4.0608

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPP. IN COTTON ...Bacillus Thuringiensis; DDT; Insect Resistance; Population Dynamics -general; Toxaphene; ...4.0689

BIOLOGICAL AND INTEGRATED CONTROL OF COTTON INSECTS ...Animal Habitat Studies; Gossypium; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; ...4.0690

ROLE OF BENEFICIAL INSECTS IN COTTON INSECT CONTROL ...Insecticides -nonspecific; Insects - Beneficial; Pest Control Measures; Pesticide Action on Animals; ...4.0691

EFFECT OF CHEMICALS ON BENEFICIAL INSECTS ...Arachnida; Granules, Capsules; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0692

BIOENVIRONMENTAL CONTROL OF COTTON BOLLWORMS ...Fish; Gossypium; Insects - Beneficial; Pesticide Residues; Pesticide Toxicity in Animals; Pesticide Toxicity in Humans; Physical Control; ...4.0694

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Guthion; Medicago; Nemacur P; Pesticide Application Rates; Pesticide Residues; Phosvel; Sevin; ...4.0759

FORAGE INSECT INVESTIGATIONS ...Animal Migration; Insecticides -nonspecific; Lotus; Pesticide Evaluation; Population Dynamics -general; Trifolium; Zea Mays - Field Corn; ...4.0768

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates, Arachnida; Chlorinated Hydrocarbons; Dimethoate; Meta - Systox; Pesticide Evaluation; Sevin; ...4.0809

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS IN THE MID-COLUMBIA AREA ...Animal Life History Studies; Arachnida; Imidan; Omite; Pesticide Evaluation; ...4.0829

EFFECT OF INSECTICIDES ON POPULATIONS OF PARASITES OF THE ALFALFA WEEVIL ...Insecticides -nonspecific; Insects - Beneficial; ...4.0835

EFFECTS OF PESTICIDES ON INSECTS, MITES, AND PREDACEOUS ARTHROPODS IN APPLE ORCHARDS ...Arachnida; Foreign Agriculture; Insects - Beneficial; Pesticide Action on Animals; Pesticide Toxicity in Animals; Population Dynamics -general; Temperature - Air; ...4.0838

BIOLOGY AND CONTROL OF ARTHROPODS ON SOYBEANS ...Aliphatic Carbamates; Arachnida; Insect Resistance; Methomyl; Pesticide Evaluation; Population Dynamics -general; ...4.0843

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...Bidrin; DDT; Economics of Chemical Control; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; Strobane; Toxaphene; ...4.0865

BIOLOGICAL CONTROL AGENTS TO REPLACE OR SUPPLEMENT PESTICIDES TO CONTROL PHYTOPHAGOUS ARTHROPODS ...Furadan; Imidan; Insects - Beneficial; Pest Control Measures; Pesticide Evaluation; ...4.0878

CONTROL OF MITES AND INSECTS ON FRUIT TREES ...Acaricides -nonspecific; Arachnida; Bioassay; Chlorphenamidine; Omite; Plictran; ...4.0879

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT AND MITE PESTS OF APPLE ...Acaricides -nonspecific; Arachnida; Gardona; Insects - Beneficial; Phosalone; Torak; ...4.0896

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

BIOLOGICAL FACTORS IN THE MANAGEMENT OF LAKE FLIES ...Animal Predation; Aquatic Ecology - Animal; Benthic Fauna; Lakes; Pesticide in Food Chains; Piscicides -nonspecific; ...4.0914

ACTION MECHANISMS OF INSECTICIDAL DERIVATIVES ...Animal; Carbamates -nonspecific; DDT; Fungi -nonspecific; Muridae; Pesticide Action on Animals, Physiological Resistance; ...4.0915

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific, Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0948

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals, Pesticide Interaction With Env; Phenols; Soil pH; Stickers; Thuricide; ...4.0969

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Chlorphenamidine; Gardona; Insects - Beneficial; Liquids Or Sprays; Oxthioquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

NORTHWEST TREE FRUIT INSECTS ...Acaricides -nonspecific; Arachnida; DDT; Insect Resistance; Invertebrate Physiology; Pesticide Action on Animals; Pesticide Residues; Radiation Sources -general; ...4.0993

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Bux-ten; Disulfoton; Guthion; Monitor; Nicotine; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...4.1036

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Bacillus Thuringiensis; Brassica Species; Chemical Analysis; Gas Chromatography; Pesticide Evaluation; Pesticide Residues; Soil Contamination -other; Thimet; ...4.1132

Cultural Control

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Analysis (water); Environmental Influences; Eutrophication; Iowa; Nutrients; Water Pollutant Identification; Water Standards & Baselines; ...2.0143

ALLEVIATION OF LAKE POLLUTION BY UTILIZATION OF AQUATIC PLANTS FOR NUTRITIONAL, MEDICINAL OR INDUSTRIAL PURPOSES ...Aquatic Plants -nonspecific; Mammals -nonspecific; Minnesota; Taxonomy -plant; ...2.0207

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

EUTROPHICATION - BIOLOGICAL CONTROL USING GRAZERS ...Algae -nonspecific; Biological Control; Eutrophication; Literature Search; Plant Pollutants; Water Quality Control - general; ...2.0333

EUROPHICATION - PHYSICAL ECOLOGICAL CONTROL ...Algae -nonspecific; Chemical Water Properties; Environmental Influences; Eutrophication; Physical Water Properties; Stratification (water); Water Quality Control -general; ...2.0334

EUTROPHICATION - EFFECT OF WEED HARVESTING ...Aquatic Plants -nonspecific; Eutrophication; Nutrients; Water Quality Control -general; ...2.0338

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Aquifers; Eutrophication; Landfill; Nutrients; Sanitary Landfills; Waste Disposal-see Solid Waste; ...2.1047

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific, Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1094

WEED CONTROL IN COTTON AND OTHER AGRONOMIC CROPS UNDER IRRIGATED CONDITIONS ...Diuron; Pesticide Application Rates; Pesticide Residues; Physical Control; Thimet; ...4.0210

APPLICATION PRINCIPLES AND DESIGN REQUIREMENTS FOR WEED CONTROL EQUIPMENT ...Mulches; Oryzeae; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; Physical Control; Soil Cover Crops; ...4.0222

WEED CONTROL INVESTIGATIONS ...Atrazine; Convolvulaceae; Pesticide Movement in Soils; Picloram; Surfactants - Wetting Agents; Triticum; ...4.0314

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Furadan; Liquids Or Sprays; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone; Prunus Domestica; Residues in Foods; ...4.0455

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT AND MITE PESTS OF APPLE ...Acaricides -nonspecific; Arachnida; Biological Control; Gardona; Insects - Beneficial; Phosalone; Torak; ...4.0896

Equipment

IMPROVING SURFACE WATER CONDITIONS THROUGH CONTROL AND DISPOSAL OF AQUATIC VEGETATION ...Economic Efficiency; Eutrophication; Pest Control Measures; Plant Pollutants; Water Quality Control -general; Wisconsin; ...2.1135

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Labiatae; Nematoda; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

Physical Control

AIR POLLUTION FROM FOREST AND AGRICULTURAL BURNING ...Air Pollution -see Specifics; Combustion; Fire Research -see Forest Fire; Gramineae -other; Plant Waste Removal, Treatment; ...1.0016

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0837

MOSQUITO CONTROL - TIDAL MARSHES ...Chemical Analysis; Land Use, Modification Effects; Pesticide Action on Animals; Swamps - Marshes; ...2.0252

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algae -nonspecific; Algal Physiology; Environmental Influences; Eutrophication; Lake Stages; Stratification (water); Washington; Water Supply Augmentation; ...2.0429

BOTTOM FAUNA COMPOSITION STUDIES ...Aquatic Ecology - Animal; Benthic Fauna; Eutrophication; Micropterus Dolomieui; Taxonomy -animal; Virginia; ...2.0833

IMPROVING SURFACE WATER CONDITIONS THROUGH CONTROL AND DISPOSAL OF AQUATIC VEGETATION ...Economic Efficiency; Eutrophication; Pest Control Measures; Plant Pollutants; Water Quality Control -general; Wisconsin; ...2.1135

ENGINEERING TECHNOLOGY FOR APPLICATION OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Insecticides -nonspecific; Low Volume; Pesticide Application Rates; ...4.0001

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Carriers -non-liquid; Cotoran; Gossypium; Msma; Pesticide Drift; Pesticide Interaction With Env; Thimet; ...4.0035

EQUIPMENT AND PROCEDURES FOR CONTROL OF WEEDS AND BRUSH ...D, 2,4-; Granules, Capsules; Irrigation; Pesticide Application Equip.; Pesticide Interaction With Env; Zea Mays - Field Corn; ...4.0050

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Chenopodiaceae; Dicamba; Pesticide Action on

Plants; Pesticide Persistance in Soils; Plant Resistance; Soil Aeration; Soil Moisture; Temperature - Air; ...4.0091

EQUIPMENT AND TECHNIQUES FOR WEED CONTROL ...Bioassay; Gas Chromatography; Spectrographic Techniques; ...4.0111

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Picloram; Rotary Tillage, Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

WEED CONTROL IN COTTON AND OTHER AGRONOMIC CROPS UNDER IRRIGATED CONDITIONS ...Cultural Control; Diuron; Pesticide Application Rates; Pesticide Residues; Thimet; ...4.0210

STORED GRAIN AND CEREAL PRODUCTS INSECT CONTROL BY METHODS LEAVING MINIMUM OF PESTICIDE RESIDUE ...Insect Chemosterilants -ns.; Insecticides -nonspecific; ...4.0216

APPLICATION PRINCIPLES AND DESIGN REQUIREMENTS FOR WEED CONTROL EQUIPMENT ...Cultural Control; Mulches; Oryzeae; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; Soil Cover Crops; ...4.0222

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Bacillus Thuringiensis; Biological Control; Convolvulaceae; Furadan; Liquids Or Sprays; Monitor; Pesticide Evaluation; Thuricide; ...4.0354

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Arthropods; Ethion; Organophosphorous Cpds.; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Trithion; ...4.0403

SEASONAL OCCURRENCE AND CONTROL OF THE CORN EARWORM IN THE VALLEY ...Animal Life History Studies; Economics of Chemical Control; Helminthosporium; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics - general; Vegetables; ...4.0406

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Biological Control; Birds; Forest Environment - general; Passeriformes; Pesticide in Food Chains; ...4.0549

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - STUDIES ON THE BIOLOGY AND STERILIZATION OF THE COFFEE LEAF MINER ...Animal Resistance; Biological Control; Foreign Agriculture; Guatemala; Pesticide Toxicity in Animals; Rubiaceae; X and Gamma Rays; ...4.0583

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Forturf; Fusarium; Morven; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

BIOENVIRONMENTAL CONTROL OF COTTON BOLLWORMS ...Biological Control; Fish; Gossypium; Insects - Beneficial; Pesticide Residues; Pesticide Toxicity in Animals; Pesticide Toxicity in Humans; ...4.0694

FORAGE INSECT INVESTIGATIONS ...Animal Migration; Insecticides -nonspecific; Lotus; Pesticide Evaluation; Population Dynamics -general; Trifolium; Zea Mays - Field Corn; ...4.0768

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS IN THE MID-COLUMBIA AREA ...Animal Life History Studies; Arachnida; Biological Control; Imidan; Omite; Pesticide Evaluation; ...4.0829

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; TDE; Thiodan; ...4.0954

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Pyrus Malus; Sevin; ...4.0990

PREVENTING INSECT DAMAGE TO TOBACCO AND TOBACCO PRODUCTS IN MARKETING CHANNELS ...Bacilli -nonspecific; Nicotiana; Pesticide Evaluation; Pesticide Toxicity in Animals; Temperature - Air; ...4.1127

STUDY OF THRIPS TABACI, ITS BIOLOGY AND ECOLOGY, A VIRUS VECTOR ON TOBACCO ...Animal Life History Studies; Insect Resistance; Nicotiana; Pesticide Residue Analysis; Phenols; Population Dynamics -general; ...4.1134

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Cell Membrane Permeability; Chlorophyll; Electronic Components; Permeability; Potamogetonaceae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

Pesticide Absorption

Animal Pests

MECHANISMS OF PESTICIDE ACCUMULATION IN AQUATIC ORGANISMS ...Biological Effects; Insecticides -nonspecific; Pesticide in Food Chains; Plant Absorption -other; Pollution Effects -see Water; ...4.0039

CHEMICAL RESEARCH ON INSECTICIDES AND THEIR FORMULATIONS ...Abate; Carriers -non-liquid; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Residue Analysis; Plant; ...4.0146

TRANSFORMATIONS OF INSECTICIDES BY PLANTS ...Degradation; Enzymes; Pesticide Residues; Plant; Radioisotopes -nonspecific; ...4.0349

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aldrin; Aramite; Chemical Analysis; Dieldrin; Methoxychlor; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0592

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

METABOLISM OF PESTICIDES IN CATTLE ...Bos; Domestic Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; Tissue Accumulation Rates; Urine; ...4.0649

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; DDT; Ethion; Kelthane; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

FATE AND PHYSIOLOGICAL EFFECTS OF CHEMOSTERILANTS AND OTHER COMPOUNDS ...Adjuvants; Aziridine Cpds. -nonspecific; Biodegradation; Pesticide Action on Animals; ...4.1093

GASTROINTESTINAL ABSORPTION OF AGRICULTURAL CHEMICALS IN ANIMALS ...Animal; Carbon; Domestic Animals; Mca-600; Sevin; ...4.1098

Oral

THE UPTAKE OF AND BIOLOGICAL RESPONSES TO AROCLORS IN CHANNEL CATFISH ...Aroclor; Fish; Ictalurus Punctatus; Nutrition; Pesticide Action on Animals; ...4.0695

Foliar Absorption

DEVELOPMENT OF SYSTEMIC PESTICIDES WITH LOW PHYTO- AND MAMMALIAN-TOXICITY PROPERTIES: ...Bioassay; Cts; Pesticide Absorption Rates; Pesticide Phytotoxicity; Plant Absorption -other; Root Absorption; ...4.0302

TRANSLOCATION OF HERBICIDES IN NUTGRASS AND JOHNSONGRASS ...Carbon; Dalapon; High Temp. - 85f Or Above; Pesticide Action on Plants; Plant Absorption -other; Surfactants - Wetting Agents; ...4.0377

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Gossypium; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Sandy Soils -see Soil Type; Temperature - Air; ...4.0487

RESPONSE OF PLANTS TO HERBICIDES ...Amino Triazole; D, 2,4-; Pesticide Interaction -gen.; Pesticide Residues; Plant Absorption -other; Temperature - Air; ...4.0507

RESIDUES IN MILK FROM COWS FED INSECTICIDE-CONTAMINATED FORAGE ...Bos; Insect Resistance; Pesticide Action on Animals; Pesticide Residues; Phosphorothioate Cpds.; ...4.0603

EVALUATION OF PESTICIDE RESIDUE PROBLEM IN MONTANA ...Chlordan; Domestic Animals; Heptachlor Epoxide; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; ...4.0964

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cassia; Cotoran; Leaf Analysis; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; Root Absorption; ...4.1018

Plant Absorption -other

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; D, 2,4-; Dichlobenil; Haloragaceae; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Simazine; ...4.0004

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Low Temp. - But Above 32f; Pesticide Action on Plants; Pesticide Residues; Plant Resistance; Soil Microbiology; Translocation; ...4.0032

MECHANISMS OF PESTICIDE ACCUMULATION IN AQUATIC ORGANISMS ...Animal Pests; Biological Effects; Insecticides - nonspecific; Pesticide in Food Chains; Pollution Effects -see Water; ...4.0039

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

MECHANISM OF ACTION AND METABOLIC FATE OF FUNGICIDES ...Absorption (incl. Adsorption); Dupont 1991; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Residues; ...4.0114

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Drift; Pesticide Persistance in Soils; Pesticide Residues; Water Pollutants - Path of; ...4.0121

PERSISTENCE OF HERBICIDES IN SOILS ...Alanap; Gossypium; Pesticide Persistance in Soils; Pesticides Compatibility; Root Absorption; Soil pH; Translocation; ...4.0137

TRANSLOCATION AND DEGRADATION OF HERBICIDES IN PLANTS ...Benefin; Bensulide, Carbon; Diphenamid; Metabolites From Pesticides; Pesticide Action on Plants; Plant; ...4.0188

SOIL AND PLANT INTERACTIONS WITH PESTICIDES ...Cellular Catabolism-see Degrad; Herbicides and Other Chem; Pesticide Action on Plants; Plant; Soil Fungi -nonspecific; ...4.0200

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Prometone; Zea Mays - Field Corn; ...4.0204

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Soil Moisture; Translocation; Western U. S.; ...4.0244

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Amaranthaceae; Chenopodiaceae; Convolvulaceae; Dicamba; Pesticide Evaluation; Pesticide Persistance in Soils; Translocation; ...4.0249

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

CENTRALIZED PESTICIDE RESIDUE INVESTIGATIONS OF SOUTHERN AGRICULTURAL EXPERIMENT STATIONS ...Dieldrin; Pesticide Action on Plants; Pesticide Residues; ...4.0267

POTENTIAL EFFECTS OF HERBICIDES ON PLANT METABOLITES AND RESIDUES IN CROPS AND SOIL ...Bioassay; Herbicides -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Application Rates; Pesticide Phytotoxicity; Plant; ...4.0301

DEVELOPMENT OF SYSTEMIC PESTICIDES WITH LOW PHYTO- AND MAMMALIAN-TOXICITY PROPERTIES: ...Bioassay; Cts; Foliar Absorption; Pesticide Absorption Rates; Pesticide Phytotoxicity; Root Absorption; ...4.0302

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

ARSENIC STUDIES WITH BLUEBERRIES AND POTATOES ...Arsenic; Ericaceae; Sandy Soils -see Soil Type; Solanum; ...4.0335

FACTORS INFLUENCING PLANT RESPONSES TO HERBICIDES ...Adjuvants; Biological Control; Herbicides -nonspecific; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Safety Measures; ...4.0341

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant; Residues in Foods; Vegetables; ...4.0348

TRANSFORMATIONS OF INSECTICIDES BY PLANTS ...Animal Pests; Degradation; Enzymes; Pesticide Residues; Plant; Radioisotopes -nonspecific; ...4.0349

EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS ON PLANT GROWTH AND DEVELOPMENT ...Herbicides and Other Chem; Pesticide Action on Plants; Plant; Plant Growth Regulators -ns.; Radioisotopes -nonspecific; ...4.0356

ABSORPTION, TRANSLOCATION, AND METABOLISM OF HERBICIDES BY CROP AND WEED SPECIES ...Absorption (incl. Adsorption); Amiben; Gramineae -other; Herbicides and Other Chem; Mississippi; Radioisotopes -nonspecific; ...4.0374

TRANSLOCATION OF HERBICIDES IN NUTGRASS AND JOHNSONGRASS ...Carbon; Dalapon; High Temp. - 85f Or Above; Pesticide Action on Plants; Surfactants - Wetting Agents; ...4.0377

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

PESTICIDE INTERACTIONS - INFLUENCE ON PLANT GROWTH AND MECHANISMS OF TOXICITY AND DETOXICATION ...Carbamates -nonspecific; Pesticide Action on Plants; Pesticide Phytotoxicity; Temperature - Air; Urea Cpds. -nonspecific; ...4.0427

PHYSIOLOGICAL AND MORPHOLOGICAL RESPONSE OF PLANTS TO HERBICIDES ...Compositae; IAA; Pesticide Interaction -gen.; Poa Pratensis; Trifolium; ...4.0439

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Glycine; Nitrogen Metabolism; Pennisetum; Pesticide Phytotoxicity; Propachlor; Zea Mays - Field Corn; ...4.0482

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides, Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Chromatography; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Spectrographic Techniques; Surfactants - Wetting Agents; ...4.0502

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Ethrel; Leaf Analysis; Plant Resistance; Pyrus -general; Pyrus Malus; Respiration; Translocation; ...4.0505

RESPONSE OF PLANTS TO HERBICIDES ...Amino Triazole; D, 2,4-; Foliar Absorption; Pesticide Interaction -gen.; Pesticide Residues; Temperature - Air; ...4.0507

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Bioassay; Carbon; IAA; Pesticide Evaluation; Pesticide Interaction With Env; Pesticide Volatility; ...4.0508

SELECTIVITY AND MODE OF ACTION OF HERBICIDAL CHEMICALS ...Atrazine, D, 2,4-; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; ...4.0834

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

WARNING AGENTS FOR TOXIC FUMIGANTS ...Foreign Agriculture; Israel; Pesticide in Food Chains; Pesticide Residues in Feeds; Pesticide Toxicity in Humans; Preventative Measures; ...4.0948

EVALUATION OF PESTICIDE RESIDUE PROBLEM IN MONTANA ...Chlordan; Domestic Animals; Heptachlor Epoxide; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; ...4.0964

BIOLOGICAL INTERACTIONS WITH SYSTEMIC FUNGICIDES ...Basidiomycetes; Fungi -nonspecific; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Action on Plants; Plant; Vitavax; ...4.0965

INSECTICIDAL RESIDUES ...Carbon; Diazinon; Medicago; Methoxychlor; Pesticide Application Rates; Pesticide Persistance in Soils; Plant; Soil Microbiology; ...4.0985

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Pyrus Malus; Sevin; ...4.0990

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chenopodiaceae; Chlorinated Hydrocarbons; Insecticides -nonspecific; Organophosphorous Cpds.; Plant; Rhizosphere; Soil Microbiology; Trifolium; ...4.1043

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY ...Abscission; B9; Fruit Analysis; Naa; Pesticide Residue Analysis; Pesticides - other; Prunus Ceracus & P. Avium; Pyrus Malus; ...4.1084

HARVEST-AID CHEMICAL RESIDUES IN COTTONSEED ...Absorption (incl. Adsorption); Chemical Analysis, Herbicides and Other Chem; Metabolites From Pesticides, Pesticide Residues; Translocation; ...4.1120

PESTICIDE ANALYSIS, COLLEGE STATION ...Aliphatic Carbamates; Gc 6506; Muridae; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Thin Layer Chromatography; ...4.1122

Root Absorption

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Soil Chemical Properties, Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Aroclor, DDT, Pesticide Movement in Soils; Pesticide Residue Analysis, Pesticides - see Pesticide; Radioisotopes -nonspecific; Soil Chemical Properties; Soil Organic Content; ...4.0087

PERSISTENCE OF HERBICIDES IN SOILS ...Alanap; Gossypium; Pesticide Persistance in Soils; Pesticides Compatibility; Plant Absorption -other; Soil pH; Translocation; ...4.0137

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Sorghum; ...4.0148

DEVELOPMENT OF SYSTEMIC PESTICIDES WITH LOW PHYTO- AND MAMMALIAN-TOXICITY PROPERTIES: ...Bioassay; Cts; Foliar Absorption; Pesticide Absorption Rates; Pesticide Phytotoxicity; Plant Absorption -other; ...4.0302

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; Setaria; ...4.0304

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Gossypium; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Sandy Soils -see Soil Type; Temperature - Air; ...4.0487

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0509

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dachal; Microorganisms-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cassia; Cotoran; Foliar Absorption; Leaf Analysis; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; ...4.1018

Pesticide Absorption Rates

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes; Mechanism Determination; Pesticides -see Pesticide; Wisconsin; ...2.0858

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticides -nonspecific; Rate of Reaction; Soil Chemical Properties; Soil Profile; Surfactants - Wetting Agents; Tension and Measurement; ...4.0094

DEVELOPMENT OF SYSTEMIC PESTICIDES WITH LOW PHYTO- AND MAMMALIAN-TOXICITY PROPERTIES: ...Bioassay; Cts; Foliar Absorption; Pesticide Phytotoxicity; Plant Absorption -other; Root Absorption; ...4.0302

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Insecticides -nonspecific; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Pesticide Toxicity -general; Plant; Plant Resistance; ...4.1079

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

Pesticide Accumulation Rates

Environment Accumulation Rates

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD ...Atmospheric Dynamics; Environmental Hazards; Lead; Mercury; Pesticides -nonspecific; Seismology; Toxicology; Water Pollutants - Path of; ...1.0189

BEHAVIOR OF POLLUTANTS IN WATER ...Degradation; Groundwater; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -nonspecific; Soil Moisture; Water Pollutants - Path of; ...2.0074

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Depth (water); Fish; Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Channels; Drainage; Eutrophication; Fish; Pesticide Residues; Pesticides -see Pesticide; Reservoirs and Impoundments; Turbidity (water); ...2.0653

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

HERBICIDE RESIDUES ...Acrolein; Contamination - Soil; D, 2,4-; Fixed Copper; Pesticide Aquatic Cycling; Pesticide Residues, Pesticides -see Pesticide; Xylene; ...4.0018

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water

Properties; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

PESTICIDE KINETICS ...Bottom Sampling; Degradation; Marine Biology - General; Pesticide Residues; Pesticides -see Pesticide; Tidewater Areas; Water Standards & Baselines; ...4.0024

PESTICIDE MONITORING PROGRAM LAKE MICHIGAN ...Algae -nonspecific; Fish; Lakes; Pesticide in Food Chains; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0028

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Endrin; Eptam; Filtration; Pesticide Formulation; Pesticide Residues Removal; Ponds; Rural Areas; ...4.0034

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

THE OROVADA, NEVADA BASIN ENVIRONMENTAL STUDY ...Air Pollution; Monitoring Systems; Pesticide Drift; Pesticides -nonspecific; ...4.0052

AN EVALUATION OF THE INSECTICIDE 'SEVIN' AS A WATERSHED POLLUTANT ...New York; Pesticide Residues; Population Dynamics -general; Soil Types -also See Specifics; Water Pollutants - Path of; ...4.0057

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Cotoran; Gossypium; Liquids Or Sprays; Pesticide Movement in Soils; Pesticides -see Pesticide; Rain; Trifluralin; ...4.0061

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds, Chemical Analysis; Ecological Effects; Environmental Ecology; Fish; Lakes; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Florida; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Biological Effects; Cellular Catabolism-see Degrad; DDT; Dieldrin; Lake Michigan; Microorganism-see Cell. Catab.; Pesticide Residue Analysis; Pesticide Residues Removal; ...4.0075

REACTIONS OF TRIAZINE-HERBICIDES WITH SOIL COMPONENTS ...Adsorption; Chemical Analysis; Pesticide Persistance in Soils; Soil - Calcareous; Soil Organic Content; ...4.0082

RESIDUES OF SELECTED PESTICIDES - NATURE, DISTRIBUTION, PERSISTENCE IN PLANTS, ANIMALS & PHYSICAL ENVIRONMENTS ...Arid and Desert Regions; DDT; Monitoring Systems; Pesticide Application Rates; Plant; TDE; ...4.0083

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Endrin; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain; Soil Chemical Properties; Soil Depth; Trifluralin; ...4.0099

ANNUAL WEED CONTROL IN ROW CROPS ...Alachlor; Chenopodiaceae; Liquids Or Sprays; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Tenoran; Vegetables; ...4.0104

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Drift; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Gas Chromatography; Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

REDUCTION OF HAZARDS ASSOCIATED WITH THE PRESENCE OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Adsorption; Insecticides -nonspecific; Pesticide Persistance in Soils; Pesticide Residues; Soil Chemical Properties; ...4.0127

CHEMICAL AND PHYSICAL PROPERTIES OF ORGANIC MATTER OF MICHIGAN SOILS ...DDT; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties, Soil Organic Content; Soil Tillage; Soil Types -also See Specifics; ...4.0128

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Bioassay; DDT; Leaching; Lindane; Pesticide Movement in Soils; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0129

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env, Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db ...4.0130

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

DETERMINATION OF HERBICIDAL RESIDUES IN PLANTS AND SOILS, AND FATE OF HERBICIDES IN CERTAIN SOILS ...Degradation; Ornamentals; Patoran; Pesticide Movement in Soils; Pesticide Phytotoxicity, Phaseolus; Turf; Vegetables; ...4.0133

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

FATE OF PESTICIDES IN CLAY AND SOIL SYSTEMS ...Clay Soils; Diphenamid; Linuron; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0147

PERSISTENCE AND TOXICITY OF INSECTICIDES IN SOILS FOR CONTROL OF SOIL-INHABITING INSECTS ...Chlordan; DDT; Dieldrin; Pesticide Persistance in Soils; Soil Microbiology; Zea Mays - Field Corn; ...4.0149

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Climates -general; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...4.0155

CHEMISTRY OF ADSORPTION OF PESTICIDES ON SOIL SILICATES ...Chromatography; Diquat; Humidity; Paraquat; Pesti-

cide Persistance in Soils; Soil Chemical Properties; Soil pH; ...4.0157

PHYSIOLOGY AND CONTROL OF WITCHWEED IN CORN ...Herbicides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Seeds; ...4.0158

MECHANISM OF ADSORPTION OF VARIOUS HERBICIDES BY SOIL HUMIC SUBSTANCES ...Adsorption; Chemical Analysis; Kinetics; Pesticide Persistance in Soils; Soil Amendments; Soil Chemical Properties; ...4.0171

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Herbicides -nonspecific; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Soil Types -also See Specifics; ...4.0177

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

THE BEHAVIOR AND FATE OF DDT AND ZECTRAN IN A FOREST SOIL ...DDT; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pseudotsuga; Soil Microbiology; Zectran; ...4.0197

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Air Pollution -see Specifics; Herbicides -nonspecific; Pesticide Action on Plants; Plant Physiological Ecology; Seeds; ...4.0224

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Residues; Pyrazon; Soil Microbiology; Soil Temp. -non-specific; ...4.0248

POTENTIAL EFFECTS OF HERBICIDES ON PLANT METABOLITES AND RESIDUES IN CROPS AND SOIL ...Bioarsay; Herbicides -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Application Rates, Pesticide Phytotoxicity; Plant; ...4.0301

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Dacthal; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Cdaa; Glycine; Nitrification; Pesticides Compatibility; Rhizosphere; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

RESPONSE OF PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Amino Triazole; Dalapon; Pesticide Evaluation; Pesticide Residues; Riparian Plants; TCA; ...4.0393

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Herbicides and Other Chem; Pesticide Formulation; Picloram; Plant Succession; ...4.0395

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Bensulide; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Triazines -nonspecific; ...4.0404

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination Soil; Dicamba; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0509

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Linuron; Medicago; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

CHEMICAL CONTROL OF PERENNIAL BROADLEAVED WEEDS IN ALFALFA ...Atrazine; Caryophyllaceae; Cruciferae; Medicago; Pesticide Residues; Terbacil; ...4.0520

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Chemical Analysis; D, 2,4-; Pesticide Rates -general; Residues in Foods; ...4.0526

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Herbicides -nonspecific; Herbicides and Other Chem; Pesticide Persistance in Soils; Pesticide Rates -general; Pesticide Residues; Tissue Accumulation Rates; ...4.0527

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0633

THE STEREOCHEMISTRY OF THE POLYCYCLODIENE PESTICIDES ...Chemical Analysis; Cyclodiene Cpds. -nonspecific; ...4.0793

ENVIRONMENTAL TOXICOLOGY OF PESTICIDES ...Air Pollution; Contamination - Water; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Residues in Foods; ...4.0822

RESIDUES OF SELECTED PESTICIDES ...Arid and Desert Regions; DDT; Mammals -nonspecific; Pesticide Drift; Pesticide Residues; Pesticide Volatility; ...4.0924

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics, Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

PHYTOTOXICITY OF MSMA RESIDUES AND ARSENIC CONTENT OF FOODS ...Aluminum; Arsenic; Glycine; Msma; Phaseolus; Soil Chemical Properties; ...4.0960

BIOLOGICAL INTERACTIONS WITH SYSTEMIC FUNGICIDES ...Basidiomycetes; Fungi -nonspecific; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Action on Plants; Plant; Vitavax; ...4.0965

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

PESTICIDE RESIDUES ...Climates -general; Herbicides -nonspecific, Herbicides and Other Chem; Oregon; Pesticide Action on Animals; Pesticide Persistance in Soils; Pesticides -nonspecific; ...4.0979

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination - other; Urine; ...4.0987

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Pyrus Malus; Sevin; ...4.0990

SYSTEMS APPROACH TO CONTROLLING PESTICIDE CONTAMINATION OF SAN JOAQUIN VALLEY ...Degradation; Models of Biological Systems; Pesticide in Food Chains; Pesticide Toxicity -general; Pesticides -nonspecific; Preventative Measures; ...4.1000

THE CHEMISTRY AND TOXICOLOGY OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Food Contamination; Microorganisms -nonspecific; Pesticide in Food Chains; Pesticides -nonspecific; ..4.1001

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANO-TOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Atrazine; Bioassay; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Prometryne; Soil Types - also See Specifics; ...4.1035

ECONOMICS OF PERSISTENT INSECTICIDE RESIDUES ...Degradation; Ericaceae; Literature Search; Methyl Parathion; Pesticide Residues; Phenols; ...4.1050

MECHANISMS OF THE OXIDATIVE DEGRADATION OF PESTICIDE MALEIC-HYDRAZIDE ...Chemical Analysis; Isotope Tracer -see Tracers; Oxidation; Pesticide Action on Plants; Pesticide Residues; Thin Layer Chromatography; ...4.1068

PESTICIDE RESIDUES IN ENVIRONMENT AND EFFECTS ON MARKETING AGRICULTURAL COMMODITIES ...Agricultural Economics; Consumer Attitudes- Pesticides; Demeton; Medicago; Organophosphorous Cpds.; Pesticide Residues, Pesticides -nonspecific; ...4.1071

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Carbamates -nonspecific; Chlorinated Hydrocarbons., Herbicides and Other Chem; Organophosphorous Cpds.; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; ...4.1133

Tissue Accumulation Rates

LIMNOLOGICAL FACTORS AFFECTING PESTICIDE RESIDUES IN SURFACE WATERS ...Agricultural Runoff; Chemical Water Properties; Eutrophication; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reservoirs and Impoundments; ...2.0130

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Plant; ...4.0003

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Low Temp. - But Above 32f, Pesticide Action on Plants; Pesticide Residues; Plant Resistance; Soil Microbiology; Translocation, ...4.0032

MECHANISMS OF PESTICIDE ACCUMULATION IN AQUATIC ORGANISMS ...Animal Pests; Biological Effects; Insecticides - nonspecific; Pesticide in Food Chains; Plant Absorption -other; Pollution Effects -see Water; ...4.0039

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes, North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Water Pollution Effects; ...4.0059

PHYSIOLOGY AND BIOCHEMISTRY OF HERBICIDE ACTION, SELECTIVITY, AND DEGRADATION ...Amiben; Bromoxynil; Metabolites From Pesticides; Pesticide Action on Plants; Pesticide Phytotoxicity; ...4.0363

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Herbicides and Other Chem; Pesticide Formulation; Picloram; Plant Succession; ...4.0395

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Trifluralin; ...4.0432

FOOD CONTAMINATION CONTROL WITH EMPHASIS ON QUALITY AND MARKETABILITY ...Chemical Analysis; Chlorinated Hydrocarbons; Food Contamination; Pesticide Residues Removal; Residues in Foods; ...4.0465

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

EFFECT OF PHOSPHORUS INSECTICIDES ON QUALITY OF ALFALFA HAY ...Demeton; Malathion; Nitrogen and Nitrogen Cpds.; Pesticide Action on Plants; Pesticide Residues; Phosphorus and Phosphorus Cpds; Temperature - Air; ...4.0521

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Herbicides -nonspecific; Herbicides and Other Chem; Pesticide Persistance in Soils; Pesticide Rates -general; Pesticide Residues; ...4.0527

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aldrin; Aramite; Chemical Analysis; Dieldrin; Methoxychlor; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0592

RESPONSES OF DAIRY CATTLE FED FEEDSTUFFS CONTAINING RESIDUES OF CERTAIN AGRICULTURAL CHEMICALS ...Baytex; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; ...4.0601

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Baytex; Dursban; Imidan; Mca-600; Pesticide Evaluation; Pesticide Residues; Phosvel; ...4.0602

DIELDRIN BUILD-UP AND DISSIPATION RATE IN FATTY TISSUES OF BEEF CATTLE FED DIFFERENT LEVELS OF ALDRIN ...Aldrin; DDT; Laboratory Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; ...4.0609

TISSUE RESIDUE ACCUMULATION AND PHYSIOLOGICAL AND REPRODUCTIVE RESPONSE OF LINDANE-TREATED SWINE ...Chemical Analysis; Domestic Animals; Lindane; Pesticide Residues; Sus; ...4.0637

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

PERFORMANCE OF SWINE FED PESTICIDES AND RESIDUES IN BODY TISSUE ...DDT; Heptachlor Epoxide; Malathion; Pesticide Residues in Feeds; ...4.0642

METABOLISM OF PESTICIDES IN CATTLE ...Animal Pests; Bos; Domestic Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; Urine; ...4.0649

FUR ANIMAL STUDIES (MINK) ...Chemical Analysis; DDT; Domestic Animals; Muridae; Mustelidae; Pesticide Formulation; Pesticide Residues Removal; TDE; ...4.0664

THE ACCUMULATION AND EXCRETION OF DIELDRIN IN DAIRY HEIFERS AND COWS ...Bos; Dieldrin; Pesticide Residues; Residues in Foods; ...4.0666

FACTORS AFFECTING PLACENTAL TRANSFER, METABOLISM AND EXCRETION OF PESTICIDES IN ANIMALS ...Animal Pharmacology; DDT; Laboratory Animals; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.0669

PATHOLOGIC EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS USED IN THE ENVIRONMENT - THE TOXICITY OF NITRATES ...Animal Pharmacology; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Rodentia -other; ...4.0675

PESTICIDE-WILDLIFE RELATIONSHIPS - REPRODUCTION, GROWTH, AND PHYSIOLOGY OF DEER FED DIELDRIN CONTAMINATED DIETS ...Deer -nonspecific; Dieldrin -see Pesticides; Laboratory Animals; Pesticide Formulation; Pesticide Tolerance Rate; ...4.0744

TOXICOLOGICAL STUDIES OF DIELDRIN AND STEROIDS IN DOGS ...Canidae; Dieldrin; Gas Chromatography; Pesticide Action on Animals; ...4.0773

EGG COMPOSITION, MALATHION RESIDUES, AND MEAT QUALITY OF MALATHION TREATED HENS ...Gallus Domesticus; Home Economics; Laboratory Animals; Malathion; Metabolites From Pesticides; Pesticide Residues; Residues in Foods; ...4.0777

QUALITY IN PORK AS INFLUENCED BY CERTAIN PHYSICAL AND CHEMICAL CHARACTERISTICS ...Chemical Analysis; DDT; Pesticide Action on Animals; Pesticide Residues Residues in Foods; Sus; ...4.0797

INFLUENCE OF NUTRITION ON INSECTICIDE RESIDUES IN CHICKENS ...Birds; Dieldrin; Gallus Domesticus; Pesticide Residues; Residues in Foods; ...4.0798

DIELDRIN TOXICITY IN THE CHICKEN ...Dieldrin; Domestic Animals; Gallus Domesticus; Pesticide Residues in Feeds; Residues in Foods; ...4.0803

FURADAN INSECTICIDE RESIDUE STUDY WITH DAIRY CATTLE AND CHICKENS ...Furadan; Pesticide in Food Chains; Pesticide Residues in Feeds; Residues in Foods; ...4.0806

RELATIONSHIPS OF PESTICIDE APPLICATION TO PESTICIDE RESIDUES IN WILDLIFE ...Behavior -vertebrate; DDE; Experi-

mental Teratology; Pesticide Action on Animals; Pheasant; ...4.0827

SELECTIVITY AND MODE OF ACTION OF HERBICIDAL CHEMICALS ...Atrazine; D, 2,4-; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Absorption -other; ...4.0834

BIOCHEMISTRY AND PHYSIOLOGY OF ADIPOSE TISSUE OF MEAT ANIMALS ...Aging; Chemical Analysis; Chlorine; Gamma Spectroscopy; Ovis; Petroleum Cpds. -nonspecific; Sus; ...4.0837

RELATIONSHIP OF INSECTICIDES TO PHEASANTS IN SOUTH DAKOTA ...Aldrin; Birds; Dieldrin; Pathology; Pesticide Formulation; ...4.0847

NUTRITION AND PROPAGATION OF THE ATTWATER'S PRAIRIE CHICKEN ...Aspergillus; Captive Rearing; Endangered Species; Nematoda; Pathology; Pesticide Residues Removal; Protozoa; ...4.0857

MINERAL INTERACTIONS WITH PESTICIDES ...Domestic Animals; Metabolites From Pesticides; Pesticide Action on Animals; Ronnel; Urine; ...4.0858

EFFECT OF CHARCOAL ON PESTICIDE RESIDUES AND ON NUTRIENT UTILIZATION IN RUMINANTS ...Bos; Chemical Analysis; Domestic Animals; Pesticide Residues in Feeds; Pesticide Residues Removal; Ronnel; ...4.0859

INSECTICIDE RESIDUES IN POULTRY AND EGGS ...Biochemical Analysis - Tissues; Chlordan; Food Contamination; Home Economics; Melliagris; Pesticide Residues in Feeds; Residues in Foods; ...4.0862

TOXICOLOGIC EFFECTS OF HERBICIDE-TREATED PLANTS ON LIVESTOCK ...Atrazine; Chemical Analysis; Feces; Pesticide Action on Animals, Pesticide Rates -general; Ranunculaceae; ...4.0874

BRAIN LESIONS, BEHAVIOR CHANGES AND PESTICIDE RESIDUES ...Anseriformes; Dieldrin; Laboratory Animals; Pesticide Action on Animals; ...4.0882

ORGANIC PHOSPHATE RESIDUE IN DAIRY COWS ...Animal; Domestic Animals; Muridae; Pesticide Residues; Sulfoxide; ...4.0885

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; Gallus Domesticus; Medicago; Pesticide Formulation; Pesticide Residues; ...4.0959

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides - other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Lindane; Methoxychlor; Pesticide Residues; Residues in Foods; ...4.0973

THE CYCLING OF CL-36 LABELED DDT IN NATURAL ECOSYSTEMS ...Chlorine; Contamination -see Air & Water; DDT; Pesticide Residues; Radioisotopes; ...4.0974

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Cucurbita; Liquids Or Sprays; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Plant Growth Regulators -ns.; Pyrus Malus; ...4.0933

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination - other; Urine; ...4.0987

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Calification -vertebrate; DDT; Dibromoethane; Food Contamination; Malathion; Pesticide Residues; Sevin; ...4.0989

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Chemical Analysis; Feces; Metabolites From Pesticides; Pesticide Rates -general; Pesticide Residues, Phosvel; ...4.1020

MALATHION RESIDUES IN POULTRY MEAT AND EGGS ...Animal; Feces; Malaoxon; Metabolites From Pesticides; Pesticide Residues Removal; Residues in Foods; ...4.1028

HARVEST-AID CHEMICAL RESIDUES IN COTTONSEED ...Absorption (incl. Adsorption); Chemical Analysis; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Residues; Plant Absorption -other; Translocation; ...4.1120

PESTICIDE RESIDUE ANALYSIS, KERRVILLE ...Aerosols - Smokes, Fogs, Steam, Arachnida; Ciodrin; Dursban; Lindane; Pesticide Rates -general; Ronnel; ...4.1124

Pesticide Action on Animals

PHAGOCYTOSIS AND BACTERIAL KILLING BY ALVEOLAR MACROPHAGES ...Air Pollution -see Specifics; Amino Triazole; Laboratory Animals; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Phagocytosis; Sulfur Dioxide; ...1.0282

AIR POLLUTION TRAINING PROGRAM ...Air Pollution -see Specifics; Climates -general; Motivation and Instinct; Pesticides - nonspecific; Wildlife -nonspecific; ...1.0295

FATE OF AQUATIC HERBICIDES IN THE AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; Endothall; Pesticide Aquatic Cycling; Pesticide Residues; Potable Water; Water Pollutants - Path of; ...2.0127

CHARACTERIZATION OF ESTERASE(S) PRESENT IN FISH BLOOD ...Fish; Marine Biology - General; Pesticides -nonspecific; Pesticides -see Pesticide; Physiological Effects; ...2.0219

MOSQUITO CONTROL - TIDAL MARSHES ...Chemical Analysis; Land Use, Modification Effects; Physical Control; Swamps - Marshes; ...2.0252

ENZYME SYSTEMS OF ESTUARINE ORGANISMS ...Bioassay; Contamination - Water; Fish; Invertebrate Physiology; Organophosphorous Cpds.; Pesticides -see Pesticide; Wildlife Toxicity; ...2.0546

LONG-TERM EFFECTS OF PESTICIDES ON AQUATIC INVERTEBRATES ...Amphipoda; Endrin; Parathion; Pesticides -see Pesticide; Sevin; ...2.1588

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Iodine; Ms-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

TOXICITY OF SELECTED METALS TO CONDITIONED FISH ...Animal Behavioral Ecology; Behavior -vertebrate; Environmental Ecology; Fish; Pollution Effects -see Water, ...2.1669

EFFECTS OF WATER POLLUTION ON ZOOPLANKTON ...Cladocera; Copepoda; Insecticides -nonspecific; Pesticide Toxicity in Animals; Water Pollution Sources; ...2.1717

MANAGEMENT PRACTICES AFFECTING SWINE PRODUCTION ...Animal Pharmacology; Farm Animal Wastes; Injury - animal; Space Requirements; Temperature - Air; ...3.0280

PRELIMINARY STUDIES ON ENDRIN AND OTHER PESTICIDE UPTAKES BY FINGERLING CHANNEL CATFISH ...Endrin; Ictalurus Punctatus; ...4.0005

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

CONSTRUCTION OF PESTICIDES DEGRADABLE BY NORMAL MICROFLORA OF NATURAL WATERS AND SOILS ...Biodegradation-see Degradation; Degradation -see Pesticide Deg; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg; Pesticides -see Pesticide; ...4.0030

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Animal Productivity; Bos; Ecological Effects; Oncorhynchus; Pesticide in Food Chains; Pollution Effects -see Water; Residues in Foods; ...4.0064

LONG-TERM EFFECTS OF DIFFERENT SYSTEMS OF WEED CONTROL IN CROP ROTATIONS ON ECOLOGY AND CROP PRODUCT ...Microorganisms -nonspecific; Pesticide Action on Plants; Pesticide Residue Analysis; Soil Chemical Properties; Soil Microbiology; ...4.0105

CHEMICAL RESEARCH ON INSECTICIDES AND THEIR FORMULATIONS ...Abate; Animal Pests; Carriers -non-liquid; Pesticide Interaction With Env; Pesticide Residue Analysis; Plant; ...4.0146

DEVELOPMENT OF SAFE & EFFECTIVE MATERIALS FOR MANAGEMENT OF WESTERN FOREST INSECT POPULATIONS ...Aerosols - Smokes, Fogs, Steam; Bioassay; Methomyl; Pesticide Evaluation; Pesticide Residues; Population Dynamics - general; Translocation; ...4.0220

CHEMISTRY OF NEMATODES AND NEMATOCIDES ...Invertebrate Physiology; Nematoda; Pathological Physiology; Pesticide Degradation -see Deg; Soil Microbiology; ...4.0229

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals; Furadan; Insects - Beneficial; Liquids Or Sprays; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Arthropods; Ethion; Organophosphorous Cpds.; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Trithion; ...4.0403

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Endrin; Methoxychlor; Pesticide Residues Removal; Sus; ...4.0423

EFFECT OF ENDRIN ON EGG-SPERM FORMATION AND EMBRYONIC DEVELOPMENT ...Carassius Auratus; Embryology -basic; Endrin; Ictalurus Punctatus; Laboratory Animals; Pesticides -see Pesticide; Water Pollution Effects; ...4.0531

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Aquatic Plants -nonspecific; Carbon; Endrin; Environmental Physiology; Fish; Soil Types -also See Specifics; ...4.0532

PESTICIDES IN MAMMALIAN CELL SYSTEMS ...Cellular Biosynthesis; DDT; Dieldrin; Kinetics; Laboratory Animals; Mammals -nonspecific; ...4.0533

PESTICIDES RESEARCH ...Alaska; Chemical Analysis; DDT; Fish; Invertebrates -nonspecific; Pesticides -see Pesticide; Water Pollution Effects; ...4.0534

ARIZONA COMMUNITY STUDIES PESTICIDE PROJECT ...Consumer Attitudes Pesticides; DDT; Literature Search; Pesticide Toxicity in Humans; Preventative Measures; ...4.0536

CHLORINATED HYDROCARBON IN THE LACTATING BOVINE AND EFFECT ON LIPID METABOLISM ...Bos; DDT; Metabolites From Pesticides; Pesticide Residues Removal; ...4.0537

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Aquatic Ecology - Animal; Estuaries; Invertebrates -nonspecific; Pesticide Tolerance Rate; Pesticides -nonspecific; Physiological Effects; ...4.0542

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Animal Resistance; Bioassay Estuaries; Hippolyte; Marine Animals; Pesticides -nonspecific; San Francisco Bay; ...4.0543

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Contamination - Water; Estuaries; Laboratory Animals; Pesticide Interaction With Env; Pesticides -nonspecific; Physiological Effects; Water Quality -general; ...4.0544

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Bioassay; Estuaries; Methoxychlor; Nutrition; Pesticide Application Rates; ...4.0545

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Chemical Analysis; Gallus Domesticus; Laboratory Animals; Mammals -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0548

BIOLOGICAL METHODS OF CONTROL FOR INTERNAL PARASITES OF LIVESTOCK ...Animal Pharmacology; Chemical Analysis; Genetic Resistance; Immunology; Loxon; Nematoda; Organophosphorous Cpds.; ...4.0555

CONTROLLED GROWTH AND METABOLISM OF AVIAN CELLS ...Birds; Embryology -basic; Gallus Domesticus; Malaoxon; Malathion; Paraoxon; Parathion; ...4.0558

METABOLISM OF CARBAMATE PESTICIDES ...Bayer 44646; Carbon; Laboratory Animals; Muridae; Pesticide Toxicity in Humans; Zectran; ...4.0560

CHOLINESTERASE ACTIVITY AND BLOOD ENZYME CHANGE STUDIES ...Air Pollution -see Specifics; Contamination - Water; Fish; Mercury; Pheasant; ...4.0568

RESEARCH ON EFFECTS OF PESTICIDES ON FARM WORKERS ...Pesticide Toxicity in Humans; Pesticides -nonspecific; Toxicology; ...4.0571

EFFECT JU PHENOBARBITAL SUR LE METABOLISME DU DDT CHEZ LE RAT ...DDT; Developmental Physiology; Laboratory Animals; Muridae; Toxicology; ...4.0572

TOXIC CHEMICALS FOR ALLEVIATING BIRD PROBLEMS ...Anseriformes; Control of Nuisance Species; Laboratory Animals; Passeriformes; Pheasant; ...4.0579

EFFECTS OF HERBICIDES ON USE OF SAGEBRUSH LANDS BY WILDLIFE ...Animal Habitat Studies; Artemisia; Birds; Cervus; Deer -nonspecific; Food Supply; Grouse; Herbicides -nonspecific; Mammals; Plant Succession; Wildlife -nonspecific; ...4.0580

TOXICOLOGY OF SELECTED PESTICIDES IN SELECTED WILDLIFE SPECIES ...Behavior -vertebrate; Mallard; Odocoileus; Pathology; Pesticide Phytotoxicity; Pesticides -nonspecific; Quail; ...4.0581

LIPOLYSIS OF MILK AND OTHER ANIMAL FATS AS INFLUENCED BY PESTICIDE RESIDUES ...DDT; Food Contamination; Parathion; Pesticide Formulation; Pesticide Rates - general; Sevin; ...4.0582

FUNDAMENTAL APPROACHES TO DRUG TOXICITY ...DDT; Laboratory Animals; Muridae; Rabbits; TDE; ...4.0584

DEPRESSION OF BLOOD CHOLINESTERASE ACTIVITY BY ORGANOPHOSPHATE COMPOUNDS ...Domestic Animals; Equidae; Organophosphorous Cpds.; ...4.0588

PESTICIDE LEVELS IN MIGRATORY BIRDS ...Animal Migration; Animal Productivity; Birds; Pesticide in Food Chains; Pesticides -nonspecific; ...4.0589

PHYSIOLOGY OF ESTUARINE ORGANISMS ...Carbon, Estuaries; Hippolyte; Invertebrate Physiology; Marine Animals; Pesticides -see Pesticide; ...4.0591

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aldrin; Aramite; Chemical Analysis; Dieldrin; Methoxychlor; Pesticide Toxicity in Humans; Toxicology; ...4.0592

EFFECTS OF PESTICIDES ON MARINE ANIMALS ...Developmental Physiology; Echinodermata; Hippolyte; Invertebrate Physiology; Marine Pollution; Pesticide Toxicity in Animals; ...4.0593

DDT AND OTHER CHLORINATED HYDROCARBONS AND EGG SHELL QUALITY ...Birds; Chlorinated Hydrocarbons; DDT; Gallus Domesticus; Meliagris; Pesticide Residues in Feeds, Quail; ...4.0597

DDT IN EGGS AND POULTRY MEAT ...DDT; Feces; Food Contamination; Gallus Domesticus; Pesticide in Food Chains; Residues in Foods; ...4.0599

THE D AND THE L ISOMERS OF O,P'-DDT ...DDT; DDT -see Pesticides; Mammals -nonspecific; Pesticide Toxicity in Animals; Toxicology; ...4.0600

RESPONSES OF DAIRY CATTLE FED FEEDSTUFFS CONTAINING RESIDUES OF CERTAIN AGRICULTURAL CHEMICALS ...Baytex; Chemical Analysis; Feces; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0601

RESIDUES IN MILK FROM COWS FED INSECTICIDE-CONTAMINATED FORAGE ...Bos; Insect Resistance; Pesticide Residues, Phosphorothioate Cpds.; ...4.0603

METABOLISM AND DEPOSITION OF INSECTICIDES IN FOWL ...Carbamates -nonspecific; Domestic Animals; Gallus Domesticus; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0606

INSECTICIDE METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Birds; Developmental Physiology; Insect Chemosterilants -ns.; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues in Feeds; ...4.0607

BIOCHEMICAL BASIS OF ORGANOPHOSPHATE PESTICIDE EFFECTS ON FUNCTION ...Cell Injury and Autolysis; DFP; Laboratory Animals; Organophosphorous Cpds.; Pesticide Toxicity in Humans; Toxicology; ...4.0611

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...DDT; Lindane; Muridae; Pesticide Residues in Feeds; ...4.0612

INTERACTIONS OF PESTICIDES, DRUGS AND OTHER CHEMICALS ...Bioassay; Environmental Effects - Human; Muridae; Pesticide Rates -general; Quail; ...4.0613

RESPONSE OF RATS TO DIETS CONTAINING MULTIPESTICIDE COMPONENTS ...DDT; Muridae; Parathion; Pesticide Interaction -gen.; Zinc; ...4.0615

PHYSIOLOGICAL RESPONSE OF FEMALE RATS AND OFFSPRING TO MULTI-INSECTICIDES AND MINERALS DDT, Dinitrophenol, Muridae, Toxicology, ...4.0616

ACCELERATED REMOVAL OF INSECTICIDE RESIDUES Animal Pharmacology, Chemical Analysis DDT, Pesticide Residues Removal, ...4.0618

METABOLIC STUDIES OF INSECTICIDES Animal, Laboratory Animals, Muridae, Organophosphorous Cpds., ...4.0620

MECHANISM OF ACTION OF HALOGENATED HYDROCARBON FUMIGANTS ON ANIMALS Birds, Dibromomethane, Foreign Agriculture, Israel, Muridae, Pesticide Residues Removal, ...4.0621

CARCINOGENESIS BIOASSAY OF PESTICIDES AND OTHER ENVIRONMENTAL AGENTS ...Animal Resistance; Bioassays; Chemical Carcinogenesis; Food Contamination; Muridae; Pesticides -nonspecific; Tumor Pathology; ...4.0624

TOXICOLOGICAL STUDIES WITH JAPANESE QUAIL ...Animal Resistance; Bioassay; Chlorinated Hydrocarbons; Laboratory Animals; Organophosphorous Cpds.; Quail; ...4.0628

EFFECT OF PESTICIDES ON ENZYME SYSTEMS ...Aldrin; Carbamates -nonspecific; Chlordan; Fungicides -nonspecific; Herbicides -nonspecific; ...4.0629

EFFECTS OF DDT ...Chemical Analysis; DDT; Dieldrin; Endrin; TDE; ...4.0630

THE EFFECTS OF DDT AND OTHER PESTICIDES ON SEBAGO LAKE SALMON ...BHC; DDE; Dieldrin; TDE; ...4.0631

EFFECTS OF DDT AND ANALOGUES ON REPRODUCTION IN DOMESTIC MAMMALS AND BIRDS ...Birds; DDT; Gallus Domesticus; Muridae; Pesticide Residues in Feeds; TDE; ...4.0636

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

LOSS OF BODY FAT AND RESPONSE TO INSECTICIDE RESIDUES ...Chlorinated Hydrocarbons; Laboratory Animals; Metabolism & Metab. Diseases; Muridae; Toxicology; ...4.0639

EFFECT OF INSECTICIDES IN FEED ON GROWTH, BODY STORES, AND REPRODUCTION OF SHEEP ...Domestic Animals; Home Economics; Methoxychlor; Ovis; Pesticide Residues, ...4.0641

PESTICIDE RESIDUAL ACCUMULATION AND ELIMINATION BY SWINE ...Chemical Analysis; DDT; Lindane; Malathion; Pesticide Application Rates; Sus; ...4.0643

METABOLISM OF PESTICIDES BY BEEF CATTLE ...Aldrin; DDT; Feces; Pesticide Safety Measures; TDE; Urea Cpds. -nonspecific; Vertebrate Anatomy; ...4.0645

ABSORPTION AND EXCRETION OF HEPTACHLOR EPOXIDE BY DAIRY CATTLE ...Bos; Heptachlor Epoxide; Pesticide Residues in Feeds; Petroleum -see Oil; ...4.0648

OXIDATIVE DEALKYLATION OF INSECTICIDES ...Bidrin; Chlorine; Laboratory Animals; Muridae; Pesticide Formulation; ...4.0650

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ...Captive Rearing; DDT; Estuaries; Heptachlor; Massachusetts; Pesticides -see Pesticide; Pleuronectidae; Spawning -see Fish & Shellfish; ...4.0654

FACTORS AFFECTING PESTICIDE TOXICITY ...Amphibians; Birds; Fish; Insecticides -nonspecific; Mammals -nonspecific; Pesticides Compatibility; ...4.0656

BIOCHEMICAL AND PHYSIOLOGIC RESPONSE TO TOXIC STRESS ...Cellular Metabolism - Controls; Environmental Effects - Human, Insecticides -nonspecific; Muridae; Toxic Substances; ...4.0657

FIELD STUDIES OF PESTICIDE EFFECTS ON FISHES ...Animal Productivity; Bioassay; Environmental Physiology; Methoxychlor; Physiological Effects; ...4.0662

EFFECTS OF PHYSIOLOGICAL ENVIRONMENT ON CELLULAR HOMEOSTASIS, PROTEIN METABOLISM AND NUTRITION ...Cellular Biosynthesis; Cellular Metabolism - Controls; Dieldrin; Laboratory Animals; Muridae; Pesticide Formulation; ...4.0665

METABOLISM OF PESTICIDES BY RUMEN MICROBIOTA AND FACTORS INFLUENCING ABSORPTION ...Bacterial Identification; Capra; DDT; Intestinal Bacteria; Microorganism-see Cell. Catab.; Pesticide Action on Plants; Petroleum -see Oil; ...4.0668

FACTORS AFFECTING PLACENTAL TRANSFER, METABOLISM AND EXCRETION OF PESTICIDES IN ANIMALS ...Animal Pharmacology; DDT; Laboratory Animals; Pesticide Residues in Feeds; Residues in Foods; Tissue Accumulation Rates; ...4.0669

PESTICIDE METABOLISM IN BEEF CATTLE ...Bos; Lindane; Metabolites From Pesticides; Pesticide Formulation; Pesticide Residues; Pesticide Residues in Feeds; Ruelene; ...4.0670

PATHOLOGIC EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS USED IN THE ENVIRONMENT - THE TOXICITY OF NITRATES ...Animal Pharmacology; Dieldrin; Laboratory Animals; Rodentia -other; Tissue Accumulation Rates; ...4.0675

THE UPTAKE OF INSECTICIDES BY FRESHWATER MUSSELS AND THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF INSECTICIDES ON THESE MUSSELS ...Contamination - Water; Fresh Water; Insecticides -nonspecific; Invertebrate Physiology; Mollusca; Pesticide Formulation; ...4.0676

THE EFFECTS OF METHOXYCHLOR ON PERCH AND FATHEAD MINNOWS ...Aquatic Ecology - Animal; Bioassay; Minnows; Stocking of Fish & Shellfish; ...4.0678

EFFECTS OF METHOXYCHLOR ON FISH ...Benthic Organisms - nonspecific; Bioassay; Fish; Methoxychlor; ...4.0679

A TISSUE ENZYME ASSAY FOR CHLORINATED HYDROCARBON INSECTICIDES ...Animal; Bioassays; Cyclodiene Cpds. - nonspecific; Lepomis Macrochirus; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0681

MODE OF ACTION OF INSECTICIDES AS RELATED TO INSECT METABOLISM AND BEHAVIOR ...Animal Resistance; Chlordan; DDT; Fish; Pesticide Application Rates; Pyrethrum; Salvelinus; ...4.0682

BIOLOGICAL AND INTEGRATED CONTROL OF COTTON INSECTS ...Animal Habitat Studies; Biological Control; Gossypium; Insects - Beneficial; Population Dynamics -general; ...4.0690

ROLE OF BENEFICIAL INSECTS IN COTTON INSECT CONTROL ...Biological Control; Insecticides -nonspecific; Insects - Beneficial; Pest Control Measures; ...4.0691

EFFECT OF CHEMICALS ON BENEFICIAL INSECTS ...Arachnida; Biological Control; Granules, Capsules; Liquids Or Sprays; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0692

THE UPTAKE OF AND BIOLOGICAL RESPONSES TO AROCLORS IN CHANNEL CATFISH ...Aroclor; Fish; Ictalurus Punctatus; Nutrition; Oral; ...4.0695

SCREENING PESTICIDES FOR TERATOGENIC EFFECTS ON GAMBUSIA. TOXICITY OF PESTICIDES TO FRESHWATER FISHES ...Carbamates -nonspecific; Fish; Fungicides -nonspecific; Herbicides -nonspecific; Poeciliid; Polychlorinated Biphenyl Cpds.; ...4.0696

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Chlorine; Dieldrin; Endrin; Laboratory Animals; Pesticides -see Pesticide, Salmo Gairdneri; Water Pollution Effects; ...4.0697

EFFECTS ON THE SPERMIATION RESPONSE OF GOLDFISH AFTER EXPOSURE TO SELECTED PESTICIDES ...Carassius Auratus; Pesticides -nonspecific; Pesticides -see Pesticide; Water Pollution Effects; ...4.0698

NERVE IMPULSE TRANSMISSION CHARACTERISTICS OF ISOLATED FISH-NERVE PREPARATIONS PERFUSED WITH PHYSIOLOGICAL LEVELS OF SELECTED PESTICIDES ...Chlorinated Hydrocarbons; Cichlidae; Ictaluridae; Pesticides - see Pesticide; Salmonidae; Water Pollution Effects; ...4.0699

72-HR THYROIDAL I125 UPTAKE IN IMMATURE CHANNEL CATFISH FOLLOWING EXPOSURE TO 5 DOSES OF SELECTED TOXICANTS (ABBREV.) ...Chlorinated Hydrocarbons; Ictalurus Punctatus; Iodine; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0700

SERUM ANALYSIS OF CUTTHROAT TROUT EXPOSED CHRONICALLY TO METHOXYCHLOR PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Chlorine; Fish; Methoxychlor; Salmo Clarki; ...4.0701

COMPARISON OF METHODS USED TO MEASURE ESTERASE ACTIVITY. INTERACTIONS BETWEEN PESTICIDES ON FISH ENZYME SYSTEMS ...Ictalurus Punctatus; Lepomis Macrochirus; Pesticides -nonspecific; Pesticides -see Pesticide; Salmo Clarki; Spectrographic Techniques; ...4.0702

SEASONAL CHANGES IN ESTERASE ACTIVITY IN FISH AND INVERTEBRATES. INTERACTIONS BETWEEN PESTICIDES ON FISH ENZYME SYSTEMS ...Biochemical Analysis - Tissues; Fish; Invertebrate Physiology; Invertebrates -nonspecific; Lepomis Macrochirus; Pesticides -nonspecific; ...4.0703

INTERACTIONS BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Animal Resistance; Bioassay; Fish; Parathion; ...4.0704

INTERACTIONS BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Contamination - Water; Crayfish; Organophosphorous Cpds.; ...4.0705

INFLUENCE OF PROTOZOAN ACTIVITY ON HALOGENATED HYDROCARBON RESIDUES - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Aquatic Ecology - Animal; Biodegradation; Fresh Water; Invertebrate Physiology; Pesticides -see Pesticide; Protozoa; ...4.0706

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FRESHWATER FISHES TO THREE TOXICANTS ...Abate; Bioassay; Chlordan; Ictaluridae; Salmonidae; ...4.0711

INVESTIGATION OF STRESS-INDUCED MOBILIZATION OF INSECTICIDE RESIDUES - CHRONIC TOXICITY OF PESTICIDES TO FISH ...Chemical Analysis; DDT; Dieldrin; Fish; Laboratory Animals; Temperature (water); ...4.0714

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Animal Productivity; Carbon; Contamination - Water; DDT; Fish; Pesticide in Food Chains; ...4.0715

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Laboratory Animals; Pesticide Formulation; Pesticides -nonspecific; Plant Freshwater Ecology; Temperature (water); Water Quality -general; ...4.0716

EFFECTS OF PARATHION AND MALATHION ON WARM-WATER FISH PONDS ...Aquatic Ecology - Animal; Ictalurus Punctatus; Malathion; Pesticides -see Pesticide; Temperature (water); ...4.0717

UPTAKE, PERSISTENCE AND METABOLITES OF SEVIN BY CHANNEL CATFISH ...Ictalurus Punctatus; Pesticides -see Pesticide; Sevin; Water Pollution Effects; ...4.0718

CHRONIC TOXICITY OF PESTICIDES TO FRESHWATER FISHES ...Fish; Pesticides -nonspecific; Temperature (water); ...4.0719

POND ECOLOGY AND PRODUCTION AS AFFECTED BY SIMAZINE ...Animal Productivity; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Simazine; ...4.0720

EARLY SQUAMATION OF BLUEGILL (LEPOMIS MACROCHIRUS) AND FATHEAD MINNOWS (PIMEPHALES PROMELAS) EXPOSED TO AROCLORS ...Aroclor; Dyes -nonspecific; Fish; Laboratory Animals; Lepomis Macrochirus; Minnows; ...4.0721

FISH REPRODUCTION AS AFFECTED BY ORGANOCHLORINE INSECTICIDES ...Captive Rearing; Chlordan; Dieldrin; Laboratory Animals; Methoxychlor; Pesticide Residues; ...4.0722

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Bioassay; DDT; Dieldrin; Pesticides -see Pesticide; Salmo Gairdneri; Water Pollution Effects; ...4.0724

PESTICIDE EFFECTS ON NITROGEN METABOLISM IN TELEOSTS ...Chemical Analysis; Fish; Nitrogen and Nitrogen Cpds.; Pesticide Application Rates; Pesticides -nonspecific; Pesticides -see Pesticide; ...4.0725

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Cell Injury and Autolysis; Fish; Pesticides -nonspecific; Pesticides -see Pesticide; Physiological Effects; ...4.0726

DEVELOPMENT OF A STRAIN OF FISH RESISTANT TO AN ORGANOPHOSPHATE PROJECT - INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Bioassays; Genetic Resistance; Minnows; Organophosphorous Cpds.; Poeciliid; ...4.0731

INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Bioassays; Ddvp; Minnows; Pesticide Formulation; Physiological Resistance; Poeciliid; ...4.0732

DETERMINATION OF ORGANOPHOSPHATES AND THEIR METABOLITES IN FISH BLOOD SERUM AND THEIR EFFECT ON CHOLINESTERASE ACTIVITY ...Bioassay; Fish; Organophosphorous Cpds.; Water Pollutant Identification; ...4.0733

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Aldrin; Animal Resistance; Cladocera; DDT; Invertebrate Physiology; Pesticide in Food Chains; Pesticides -see Pesticide; ...4.0734

CONTINUOUS-FLOW BIOASSAY OF PESTICIDES TO EVALUATE THE ACUTE AND CHRONIC EFFECTS OF PESTICIDES TO FRESHWATER INVERTEBRATES (ABBREV.) ...Invertebrate Physiology; Laboratory Animals; Pesticide Tolerance Rate; Pesticides -nonspecific; Physiological Effects; ...4.0737

RESPIRATION RATES OF FISH-FOOD INVERTEBRATES EXPOSED TO PESTICIDES ...Carbamates -nonspecific; Contamination - Water; Invertebrates -nonspecific; Pesticides -see Pesticide; ...4.0738

UPTAKE, DEGRADATION, AND RETENTION OF C14-METHOXYCHLOR IN INVERTEBRATE POPULATIONS ...Animal Productivity; Bioassay; Crustacea; Invertebrate Physiology; Methoxychlor; ...4.0739

METHOXYCHLOR-CAUSED EFFECTS ON CUTTHROAT TROUT PHYSIOLOGY - CHRONIC TOXICITY OF INSECTICIDES TO COLD-WATER FISH ...Laboratory Animals; Methoxychlor; Pesticides -see Pesticide; Salmo Clarki; Wyoming; ...4.0740

MULTIPLE EXPOSURES OF ABATE TO BLUEGILL, LEPOMIS MACROCHIRUS, AND INVERTEBRATES IN WARM-WATER PONDS ...Abate; Contamination - Water; Invertebrates -nonspecific; Temperature (water); ...4.0741

EFFECT OF PESTICIDES ON INSECT PARASITES AND PREDATORS ...Arachnida; Insecticides -nonspecific; Insects - Beneficial; Pesticide Evaluation; Pesticides -nonspecific; ...4.0743

PESTICIDE-WILDLIFE RELATIONSHIPS - REPRODUCTION, GROWTH, AND PHYSIOLOGY OF DEER FED DIELDRIN CONTAMINATED DIETS ...Deer -nonspecific; Dieldrin -see Pesticides; Laboratory Animals; Pesticide Formulation; Pesticide Tolerance Rate; Tissue Accumulation Rates; ...4.0744

EFFECTS OF A PESTICIDE ON REPRODUCTION OF CONFINED COTTONTAILS ...Captive Rearing; Mammals; Pesticide Formulation; Population Dynamics -general; ...4.0747

ORGANIC PHOSPHATE SYSTEMIC INSECTICIDES AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Bos; Coumaphos; Domestic Animals; Pesticide Application Rates; Ruelene; ...4.0750

ORGANIC PHOSPHATE SYSTEMIC INSECTICIDES AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Bos; Coumaphos; Developmental Physiology; Domestic Animals; Ruelene; ...4.0751

PESTICIDE DATA - PHEASANT ...Chemical Analysis; Periodicals, Journals; Pesticides -nonspecific; Pheasant; ...4.0755

EFFECTS OF ETHYL PARATHION ON PHEASANTS ...Bioassay; Bioassays; Parathion; Pheasant; ...4.0756

FIELD AND LABORATORY INVESTIGATIONS OF INSECTICIDES ...Animal Resistance; Endrin; Pesticide Application Rates; Pesticide Formulation; Residues in Foods; Triticum; ...4.0757

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Guthion; Medicago; Nemacur P; Pesticide Application Rates; Pesticide Residues; Phosvel; Sevin; ...4.0759

INCREASED BODY METABOLISM AND EXCRETION RATE OF PESTICIDE FROM DAIRY COWS ...Bos; DDT; Domestic Animals; Pesticide Residues; Pesticide Residues in Feeds; Residues in Foods; ...4.0762

EFFECTS OF CHEMICAL POLLUTANTS O AVIAN REPRODUCTION ...Birds; Calification -vertebrate; Chlorinated Hydrocarbons; Dove; Nutrition; Pesticide in Food Chains; ...4.0767

MECHANISMS OF INSECTICIDAL ACTION ...Animal Pharmacology; Chlorinated Hydrocarbons; Mammals -nonspecific; Pesticide Toxicity in Animals; ...4.0772

TOXICOLOGICAL STUDIES OF DIELDRIN AND STEROIDS IN DOGS ...Canidae; Dieldrin; Gas Chromatography; Tissue Accumulation Rates; ...4.0773

EFFECTS OF DDT AND DIELDRIN ON REPRODUCTIVE PERFORMANCE AND GROWTH OF MINK ...DDE; DDT; Laboratory Animals; Lake Michigan; Metabolites From Pesticides; Muridae; Mustelidae; ...4.0775

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...DDT; Iodine; Malathion; Muridae; Pesticide Rates -general; ...4.0778

COLLABORATIVE RESEARCH IN ENZYME INDUCTION BY CHLORINATED HYDROCARBONS IN BIRDS - ITS ECOLOGICAL SIGNIFICANCE ...Air Pollution -see Specifics; Animal Productivity; Bioassay; Calification -vertebrate; Chlorinated Hydrocarbons; Falconiformes; Pigeon; ...4.0780

METABOLISM AND PHYSIOLOGICAL ASPECTS OF INGESTED HYDROCARBONS ...Chemical Carcinogenesis; Co-carcinogenesis; Digestive System - Human; Laboratory Animals; Muridae; Piperonyl Butoxide; ...4.0781

EFFECT OF METHYLENEDIOXYPHENYL SYNERGISTS AND RELATED COMPOUNDS ON MICROSOMAL DRUG METABOLIZING ENZYMES ...Environmental Effects - Human; Laboratory Animals; Nitrogen and Nitrogen Cpds.; Piperonyl Butoxide; Toxic Substances; Toxicology; ...4.0782

THE INFLUENCE OF ENVIRONMENTAL AGENTS ON THE GENESIS OF RIBOSOMES IN MAMMALIAN CELLS ...Cellular Biosynthesis; Cellular Physiology- Env. Eff.; Chlorinated Hydrocarbons; Environmental Effects - Human; Kinetics; Laboratory Animals; ...4.0783

THE EVALUATION OF CARBAMATE-INDUCED ANTICHOLINESTERASE EFFECTS IN THE FETUS ...Carbamates -nonspecific; Carbamates -see Pesticides; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Mammals -nonspecific; Toxicology; ...4.0784

THE TERATOGENIC EVALUATION OF THE HERBICIDE 2,4,5-T AND DIOXIN ...Environmental Effects - Human; Herbicides - nonspecific; Pesticides -other; T, 2,4,5-; ...4.0785

METABOLISM AND DISTRIBUTION OF 2,4,5-T AND ITS ANALOGS IN PREGNANT AND NONPREGNANT RATS, MICE, AND GUINEA PIGS ...Caviidae; Experimental Teratology; Laboratory Animals; Metabolites From Pesticides; Muridae; T, 2,4,5-; Toxicology; ...4.0786

PRENATAL AND NEONATAL EFFECTS OF PARAQUAT ...Developmental Physiology; Laboratory Animals; Muridae; Paraquat; Toxicology; ...4.0787

NORMAL AND MODIFIED PLACENTAL TRANSFER AND TISSUE DISTRIBUTION OF ENVIRONMENTAL AGENTS ...Developmental Physiology; Dieldrin; Diquat; Environmental Effects - Human; Laboratory Animals; Mammals -nonspecific; Paraquat; ...4.0788

METABOLISM OF PESTICIDAL SYNERGISTS ...Carbon; Feces; Metabolites From Pesticides; Toxicology; ...4.0790

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON HI VIRAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Cricetus; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Mercury; T, 2,4,5-; Toxicology; ...4.0791

A CHEMICAL & MORPHOLOGICAL STUDY OF THE NEUROPATHY INDUCED BY ANTICHOLINESTERASE PESTICIDE ...Laboratory Animals; Mammals -nonspecific; Pesticides - nonspecific; Toxicology; ...4.0792

QUALITY IN PORK AS INFLUENCED BY CERTAIN PHYSICAL AND CHEMICAL CHARACTERISTICS ...Chemical Analysis; DDT; Pesticide Residues; Residues in Foods; Sus; Tissue Accumulation Rates; ...4.0797

INFLUENCE OF NUTRITION ON INSECTICIDE RESIDUES IN CHICKENS ...Birds; Dieldrin; Gallus Domesticus; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0798

MECHANISMS OF ADAPTATION OF ORGANISMS TO PESTICIDES ...Animal; Ddvp; Genetic Resistance; Sevin; ...4.0799

EXCRETION OF CHEMOTHERAPEUTIC AGENTS ...Animal Pharmacology; Bacteria -nonspecific; Bos; Pesticide Residues; Plant Resistance; Residues in Foods; Sulfamethazine; ...4.0802

METABOLIC FATE OF AGRICULTURAL CHEMICALS IN POULTRY ...Carbon; Chemical Analysis; Domestic Animals; Gallus Domesticus; Metabolites From Pesticides; Residues in Foods; Sevin; ...4.0804

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Aldrin; Dieldrin; Ictaluridae; Laboratory Animals; Pesticides -see Pesticide; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...4.0807

STUDY OF THE PRODUCTION AND DISTRIBUTION OF THE CHOLINESTERASE ENZYME IN ORGANOPHOSPHOROUS POISONING ...Disulfoton; Handling & Application; Muridae; Toxicology; ...4.0810

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - INTERACTIONS OF ENDRIN AND ANTICONVULSANT DRUGS IN THE CEREBRAL CORTEX OF ANESTHETIZED ANIMALS ...Ceboidea; Endrin; Felidae; Pesticide Toxicity in Humans; Strigiformes; ...4.0813

PESTICIDE INDUCED MODIFICATION OF BEHAVIORAL AND BIOELECTRIC RESPONSES TO EXTERNAL STIMULI ...Behavior -vertebrate; Farm Safety -see Safety; Laboratory Animals; Psychology; ...4.0815

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - ANALYSIS OF EEG CHANGES INDUCED BY CHRONIC ENDRIN ADMINISTRATION ...Ceboidea; Endrin; Laboratory Animals; Metabolism & Metab. Diseases; Stressors, Physiological; Toxicology; ...4.0816

TOLERANCE TO CHOLINESTERASE INHIBITORS - EFFECTS OF ANTIDOTES ON TOLERANCE AND RECOVERY ...Disulfoton; Muridae; Organophosphorous Cpds.; Pesticide Safety Measures; Physiological Resistance; Toxicology; ...4.0817

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Amino Triazole; D, 2,4-; Laboratory Animals; Metabolites From Pesticides; Muridae; PMA; ...4.0819

ORGANIC MERCURIAL FUNGICIDES AND METABOLISM ...Carbon; Isotope Tracer -see Tracers; Mercury; Metal Organics - nonspecific; PMA; ...4.0820

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Cipc; IPC; Metabolites From Pesticides; Muridae; Pesticide Action on Plants; ...4.0821

NEW OR IMPROVED TECHNIQUES FOR SAFE CHEMICAL CONTROL OF ECTOPARASITES OF DOMESTIC ANIMALS ...Aerosols - Smokes, Fogs, Steam; Ddvp; Felidae; Impregnated Materials-products; Pesticide Evaluation; Pesticide Interaction - gen.; ...4.0823

THE BIOLOGY AND CONTROL OF ARTHROPODS AFFECTING MAN AND ANIMALS ...Baytex; Bos; Cythioate; Gardona; Pesticide Evaluation; Rabbits; Ruelene; ...4.0824

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Estuaries; Marine Animals; Pesticide Toxicity in Animals; Physical Models; Pollution Effects - see Water; Sevin; ...4.0825

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

RELATIONSHIPS OF PESTICIDE APPLICATION TO PESTICIDE RESIDUES IN WILDLIFE ...Behavior -vertebrate; DDE; Experimental Teratology; Pheasant; Tissue Accumulation Rates; ...4.0827

DETERMINATION OF DDT LEVELS IN WHOLE FISH OF BROOK TROUT STRAINS FED CONTROL AND DDT TREATMENT DIETS ...Bioassay; DDT; ...4.0830

TO DETERMINE LEVELS OF DDT AND METABOLITES IN SERUM, MUSCLE AND WHOLE FISH OF STRAINS OF SALMONIDS (ABBREV) ...Bioassay; Chemical Analysis; DDT; Nutrition; Salmo Gairdneri; Salmo Trutta; ...4.0831

THE EFFECT OF DDT ON EGG, FRY AND FINGERLING VIABILITY IN BROOK TROUT STRAINS ...Captive Rearing; Chemical Analysis; DDT; Genetic Resistance; Spawning -see Fish & Shellfish; ...4.0832

THE EFFECT OF DDT ON EGG, FRY AND FINGERLING VIABILITY IN LAKE, RAINBOW, AND BROWN TROUT AND COHO SALMON STRAINS ...Captive Rearing; Chemical Analysis; DDT; Genetic Resistance; Salmo Trutta; Spawning -see Fish & Shellfish; ...4.0833

BIOCHEMISTRY AND PHYSIOLOGY OF ADIPOSE TISSUE OF MEAT ANIMALS ...Aging; Chemical Analysis; Chlorine; Gamma Spectroscopy; Ovis; Petroleum Cpds. -nonspecific; Sus; ...4.0837

EFFECTS OF PESTICIDES ON INSECTS, MITES, AND PREDACEOUS ARTHROPODS IN APPLE ORCHARDS ...Arachnida; Foreign Agriculture; Insects - Beneficial; Pesticide Toxicity in Animals; Population Dynamics -general; Temperature - Air; ...4.0838

CORRELATION OF STRUCTURE VS. ACTIVITY OF POLLUTANTS OF FRESH WATER ...Analysis and Detection; Carbamates -see Pesticides; Fresh Water; Invertebrate Physiology; Water Pollutant Identification; ...4.0839

PARASITES OF POULTRY, BIOLOGY, DISTRIBUTION AND CONTROL ...Aerosols - Smokes, Fogs, Steam; Arachnida; Chloropropylate; Neo-pynamin; Pesticide Evaluation; ...4.0841

PHYSIOLOGICAL AND BEHAVIORAL EFFECTS OF INSECTICIDES ON CORMORANTS ...Animal Behavioral Ecology; DDE; Fish; TDE; ...4.0844

RELATIONSHIP OF INSECTICIDES TO PHEASANTS IN SOUTH DAKOTA ...Aldrin; Birds; Dieldrin; Pathology; Pesticide Formulation; Tissue Accumulation Rates; ...4.0847

CHEMICAL RESIDUES IN MILK ...Bos; Domestic Animals; Furadan; Metabolites From Pesticides; Pesticide Residues in Feeds; Residues in Foods; ...4.0850

PHOSPHOROUS INSECTICIDES EFFECT ON SULFATT FIXATION ...Calcium Sulfamate; Laboratory Animals; Malathion; Muridae; Nutrition; Organophosphorous Cpds.; ...4.0851

ENZYMIC MECHANISMS OF INSECTICIDE METABOLISM ...Animal; Catalysts; Mechanism Determination; Organophosphorous Cpds.; Rabbits; Radioisotopes -nonspecific; ...4.0853

PRELIMINARY MONITORING OF PESTICIDES ...DDT; Dieldrin; Mercury; Partridge; Pheasant; ...4.0856

MINERAL INTERACTIONS WITH PESTICIDES ...Domestic Animals; Metabolites From Pesticides; Ronnel; Urine; ...4.0858

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Animal Resistance; Bos; Herbicides and Other Chem; Mammals -nonspecific; Pesticide Action on Plants; Pesticide Residues; Sevin; ...4.0860

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Biodegradation; Furadan; Metabolites From Pesticides; Pesticide Action on Plants; Radioisotopes -nonspecific; Toxicology; ...4.0861

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...Bidrin; DDT; Economics of Chemical Control; Insects - Beneficial; Population Dynamics - general; Strobane; Toxaphene; ...4.0865

EFFECT OF NITRATES AND OTHER NITROGENOUS COMPOUNDS ON TOXICITY OF PESTICIDES ...Animal Pharmacology; Domestic Animals; Pesticide Rates -general; Pesticides -nonspecific; Urine; ...4.0866

TOXIC EFFECTS OF AGRICULTURAL CHEMICALS ON REPRODUCTION IN ANIMALS ...Chemical Mutagenesis; Ex-

perimental Teratology; Lethal Mutation; Mammals -nonspecific; Pesticide Formulation; Pesticides -nonspecific; ...4.0867

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Dursban; Heptachlor; Meliagrin; Paraquat; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

CHARACTERIZATION OF CYTOLOGICAL RESPONSES TO TOXICATIONS OF PESTICIDES IN LIVESTOCK ...Antihelminth; Birds; Developmental Physiology; Gallus Domesticus; Organophosphorous Cpds.; ...4.0873

TOXICOLOGIC EFFECTS OF HERBICIDE-TREATED PLANTS ON LIVESTOCK ...Atrazine; Chemical Analysis; Feces; Pesticide Rates -general; Ranunculaceae; Tissue Accumulation Rates; ...4.0874

THE TOXICOLOGICAL ACTION OF ORGANOPHOSPHATES AND CARBAMATES ...Air Pollution -see Specifics; Chemical Carcinogenesis; Experimental Teratology; Laboratory Animals; Muridae; Sevin; ...4.0881

BRAIN LESIONS, BEHAVIOR CHANGES AND PESTICIDE RESIDUES ...Anseriformes; Dieldrin; Laboratory Animals; Tissue Accumulation Rates; ...4.0882

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Carbon; DDT; Domestic Animals; Muridae; Pesticide Residues; ...4.0883

ORGANIC PHOSPHATE RESIDUE IN DAIRY COWS ...Animal; Domestic Animals; Muridae; Pesticide Residues; Sulfoxide; Tissue Accumulation Rates; ...4.0885

EFFECTS OF DIETARY PROTEIN ON THE METABOLISM OF HEPTACHLOR IN THE RAT ...Digestive System - Human; Heptachlor Epoxide; Muridae; Pesticide Tolerance Rate; Toxicology; ...4.0886

TOXICOLOGY OF CANDIDATE INSECT CHEMOSTERILANTS OR ATTRACTANTS ...Hempa; Laboratory Animals; Muridae; Pesticide Evaluation; Tepa; ...4.0888

PESTICIDE RESIDUES INGESTED BY FINISHING AND REPRODUCING BEEF CATTLE ...Bos; Domestic Animals; Heptachlor; Heptachlor Epoxide; Pesticide Residues in Feeds; ...4.0889

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; DDT; Ethion; Kelthane; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

INHIBITORY EFFECT OF DDT IN ATPASE ASSAY MIXTURES ...DDT; DDT -see Pesticides; Fish; ...4.0891

EFFECT OF PESTICIDE RESIDUES ON GAME FISH POPULATIONS ...Animal Life History Studies; Laboratory Animals; Pesticides -see Pesticide; Population Dynamics -general; ...4.0893

ELIMINATE OR REDUCE EFFECTS OF PESTICIDE RESIDUES ...Captive Rearing; DDT; Fish; Fish Food Supply -other; Pesticides -see Pesticide; Salmonidae; ...4.0894

ORGANIC MERCURY POISONING IN SWINE ...Animal Pharmacology; Domestic Animals; Mercurous Chloride; Mercury; Sus; ...4.0900

THE EFFECTIVENESS OF MCN-JR-7464 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ...Animal Pharmacology; Fish; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Formulation; Salmo Trutta; Temperature (water); ...4.0906

THE EFFECTS OF ANTIMYCIN A ON THE METABOLISM OF SELECTED TISSUES IN FISH (ABBREV) ...Antimycin A; Bioassay; Bullheads; Control of Nuisance Species; Salmo Gairdneri; ...4.0907

ACTION MECHANISMS OF INSECTICIDAL DERIVATIVES ...Animal; Carbamates -nonspecific; DDT; Fungi -nonspecific; Muridae; Physiological Resistance; ...4.0915

MECHANISMS OF INSECTICIDE DEGRADATION ...Animal; Cellular Catabolism-see Degrad; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Toxicity in Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0916

CHRONIC TOXICITY OF INSECTICIDES TO COLD-WATER FISH ...Animal Resistance; Contamination - Water; Fish; Insecticides -nonspecific; Temperature (water); ...4.0919

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Animal Resistance; Chemical Degradation; Insecticides -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Residues; Sevin; ...4.0922

FATE OF INSECTICIDE CHEMICALS IN RELATION TO NON-PERSISTENCE AND SPECIES SPECIFICITY ...Allethrin; Buxten; Metabolites From Pesticides; Pesticide Residue Analysis; Pyrethrum; ...4.0926

OXIDATIVE DEALKYLATION OF PESTICIDES ...Bidrin; Chemical Degradation; Dieldrin; Laboratory Animals; Muridae; Phosphamidon; ...4.0958

EFFECTS OF PESTICIDES ON PROTEIN, CARBOHYDRATE, AND NUCLEIC ACID METABOLISM. INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Bacteria - nonspecific; Cellular Biosynthesis; Microorganism-see Cell. Catab.; Pesticides -nonspecific; Yeasts -nonspecific; ...4.0961

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Interaction With Env; Phenols; Soil pH; Stickers; Thuricide; ...4.0969

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

PESTICIDE RESIDUES ...Climates -general; Environment Accumulation Rates; Herbicides -nonspecific; Herbicides and Other Chem; Oregon; Pesticide Persistance in Soils; Pesticides -nonspecific; ...4.0979

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Degradation; Insecticides - nonspecific; Pesticide Degradation -see Deg; Pesticide Residues; Pesticides -nonspecific; Texas; ...4.0988

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Calification -vertebrate; DDT; Dibromoethane; Food Contamination; Malathion; Pesticide Residues; Sevin; Tissue Accumulation Rates; ...4.0989

NORTHWEST TREE FRUIT INSECTS ...Acaricides -nonspecific; Arachnida; DDT; Insect Resistance; Invertebrate Physiology; Pesticide Residues; Radiation Sources -general; ...4.0993

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Labiatae; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

SWEET CLOVER TOXICITY AND CHEMICAL AND PHYSIOLOGICAL STUDIES ON DICUMAROL AND WARFARIN ...Animal Pharmacology; Chemical Analysis; Laboratory Animals; Muridae; Warfarin; ...4.0996

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bioassay; Carbon; Developmental Physiology; Genetic Resistance; Hydrogen; Organophosphorous Cpds.; Pesticide Action on Plants; Pyrethrum; ...4.0999

THE CHEMISTRY AND TOXICOLOGY OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Food Contamination; Microorganisms -nonspecific; Pesticide in Food Chains; Pesticides -nonspecific; ...4.1001

DDT RESIDUES IN EGGS AND BODY TISSUES OF HENS ...Chemical Analysis; Food Contamination; Granules, Capsules; Pesticide in Food Chains; ...4.1016

METABOLISM AND TOXICITY OF ORGANOPHOSPHORUS INSECTICIDES ...Animal; Insecticides -nonspecific; Muridae; Pesticides -other; ...4.1025

MODE OF ACTION OF INSECTICIDES ...Animal; Herbicides and Other Chem; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Plants; Pesticide Residue Analysis; Plant; ...4.1032

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Bos; DDT; Domestic Animals; Pesticide Residues; TDE; ...4.1048

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Animal; Chlorobenzilate; Ddvp; Diazinon; Herbicides and Other Chem; Plant; Translocation; ...4.1066

MECHANISMS OF THE OXIDATIVE DEGRADATION OF PESTICIDE MALEIC-HYDRAZIDE ...Chemical Analysis; Environment Accumulation Rates; Isotope Tracer -see Tracers; Oxidation; Pesticide Action on Plants; Pesticide Residues; Thin Layer Chromatography; ...4.1068

RESIDUE OF PESTICIDES - NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND ENVIRONMENT ...DDE; DDT; Laboratory Animals; Metabolites From Pesticides; Methoxychlor; Pesticide Residues; Sevin; ...4.1070

CYCLING AND EFFECTS OF Cl36 LABELED DDT ON SOIL INVERTEBRATES IN AN OLD FIELD COMMUNITY ...Chemical Analysis; DDT; Invertebrates -nonspecific; Pesticide in Food Chains; Soil Environment -other; ...4.1085

FATE AND PHYSIOLOGICAL EFFECTS OF CHEMOSTERILANTS AND OTHER COMPOUNDS ...Adjuvants; Animal Pests; Aziridine Cpds. -nonspecific; Biodegradation; ...4.1095

METABOLITE FORMATION IN METABOLISM OF TRIAZINE HERBICIDES BY THE ANIMAL ...Animal; Capra; Metabolites From Pesticides; Ovis; Pesticide Formulation; Prometone; Radioisotopes -nonspecific; ...4.1096

METABOLISM OF CHLORINATED HYDROCARBON INSECTICIDES IN LIVESTOCK ...Animal; Domestic Animals; Gallus Domesticus; Urine; ...4.1097

METABOLIC FATE OF PESTICIDES IN ANIMALS ...Animal; Capra; Feces; Mca-600; Ovis; Pesticide Application Rates; Urine; ...4.1100

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Labiatae; Moraceae; Pesticide Action on Plants, Pisum; Thimet; Zea Mays - Field Corn; ...4.1102

DEVELOP METHOD FOR QUANTITATIVELY CHARACTERIZING PESTICIDE DRIFT ...Formulations -nonspecific; Herbicides -nonspecific; High Speed Photography; Insecticides -nonspecific; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Drift; ...4.1116

PESTICIDE ANALYSIS, COLLEGE STATION ...Aliphatic Carbamates; Gc 6506; Muridae; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Thin Layer Chromatography; ...4.1122

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Aldrin; Dieldrin; Gallus Domesticus; Home Economics; Pesticide Residues in Feeds; Residues in Foods; ...4.1126

Pesticide Action on Plants

FIELD BURNING AIR POLLUTION ABATEMENT INVESTIGATIONS ...Air Pollution -see Specifics; General Sanitation Methods; Herbicides -nonspecific; Plant Residues, Humus, Compost; Planting Methods; Temperature - Air; ...1.0623

GROWTH SUPPRESSION AND REDUCTION IN REGROWTH POTENTIAL OF AQUATIC WEEDS ...Acrolein; Najadaceae; Pesticide Application Rates; Plant Pollutants; Potamogetonaceae Submerged Plants; ...2.0071

CONTROL OF AQUATIC WEEDS ...Chemical Analysis (water); Connecticut; D, 2,4-; Dichlobenil; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticide Residues; ...2.0088

FATE OF AQUATIC HERBICIDES IN THE AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; Endothall; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Residues; Potable Water; Water Pollutants - Path of; ...2.0127

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Computer Methods -general; Gossypium; Herbicides -nonspecific; Insecticides -nonspecific; Liquids Or Sprays; Models of Biological Systems; Pesticide Drift; ...4.0002

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; D, 2,4-; Dichlobenil; Haloragaceae; Metabolites From Pesticides; Plant; Simazine; ...4.0004

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules; Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

CONSTRUCTION OF PESTICIDES DEGRADABLE BY NORMAL MICROFLORA OF NATURAL WATERS AND SOILS ...Biodegradation-see Degradation; Degradation -see Pesticide Deg; Microorganism-see Cell Catab; Pesticide Action on Animals; Pesticide Degradation -see Deg; Pesticides -see Pesticide; ...4.0030

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Low Temp. - But Above 32f; Pesticide Residues; Plant Resistance; Soil Microbiology; Translocation; ...4.0032

CYTOGENETIC EFFECTS OF HYDROGEN FLUORIDE ON CORN ...Chemical Mutagenesis; Hydrogen Fluoride; Industrial Pollution -general; Pollens -see Air Pollution; Zea Mays - Field Corn; ...4.0051

INFLUENCE OF SELECTED HERBICIDES ON THE NATURAL PROCESSES OF SOIL MICROORGANISMS ...Atrazine; Loam - see Soil Types; Pesticide Application Rates; Pesticide Toxicity to Microorg.; Soil Microbiology; ...4.0080

RESIDUES OF SELECTED PESTICIDES - NATURE, DISTRIBUTION, PERSISTENCE IN PLANTS, ANIMALS & PHYSICAL ENVIRONMENTS ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Monitoring Systems; Pesticide Application Rates; Plant; TDE; ...4.0083

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Chenopodiaceae; Dicamba; Pesticide Persistance in Soils; Plant Resistance; Soil Aeration; Soil Moisture; Temperature - Air; ...4.0091

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

LONG-TERM EFFECTS OF DIFFERENT SYSTEMS OF WEED CONTROL IN CROP ROTATIONS ON ECOLOGY AND CROP PRODUCT ...Microorganisms -nonspecific; Pesticide Residue Analysis; Soil Chemical Properties; Soil Microbiology; ...4.0105

MECHANISM OF ACTION AND METABOLIC FATE OF FUNGICIDES ...Absorption (incl. Adsorption); Dupont 1991; Herbicides and Other Chem; Pesticide Residues; Plant Absorption -other; ...4.0114

RELATIONSHIP OF PESTICIDES IN SOIL, WATER AND PLANTS ...Contamination - Soil; Herbicides -nonspecific; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Microbiology; Water Pollutants - Path of; ...4.0126

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes - nonspecific; 2,4-db; ...4.0130

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules; Liquids Or Sprays; Mulches; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Tillage, Cropping Systems; Zea Mays - Field Corn; ...4.0138

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Salty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

PLANT RESPONSE TO ORGANIC CHEMICALS IN THE ROOT ENVIRONMENT ...Absorption (incl. Adsorption); Amiben; Cellular Catabolism-see Degrad; Dicamba; Mutagenesis -nonspecific; Pesticide Degradation -see Deg; Plant Resistance; ...4.0154

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

USE OF FENURON IN CONTROL OF SCRUB OAK ...Fenuron; Granules, Capsules; Pesticide Application Rates; Pesticide Persistance in Soils; Pinus Taeda; Quercus; ...4.0173

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

TRANSLOCATION AND DEGRADATION OF HERBICIDES IN PLANTS ...Benefin; Bensulide; Carbon; Diphenamid; Metabolites From Pesticides; Plant; Plant Absorption -other; ...4.0188

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Gossypium; Herbicides and Other Chem; Malvaceae; Pesticide Formulation; Prometryne; Respiration; Seeds; ...4.0190

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Cynodon; Fumigants - nonspecific; Pesticide Residues; Plant Ecology -nonspecific; Solanum; Vitaceae; ...4.0191

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

SOIL AND PLANT INTERACTIONS WITH PESTICIDES ...Cellular Catabolism-see Degrad; Herbicides and Other Chem; Plant; Soil Fungi -nonspecific; ...4.0200

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Air Pollution -see Specifics; Chlorine; Herbicides -nonspecific; Temperature - Air; ...4.0211

THE INFLUENCE OF CULTURAL PRACTICE COMBINATIONS ON THE YIELD AND QUALITY OF COTTON ...Carbamates - nonspecific; Insecticides -nonspecific; Petroleum Cpds. -nonspecific; Soil Fertility; ...4.0214

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Adenosine Diphosphate; Cotoran; Glycine; Herbicides and Other Chem; Oligomycin; Pesticide Formulation; Pesticide Phytotoxicity; Triazines -nonspecific; ...4.0215

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Actinomycin; Cellular Biosynthesis; Cucurbita; Endothall; Growth Substances; Nitrogen Metabolism; ...4.0223

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Air Pollution -see Specifics; Herbicides -nonspecific; Plant Physiological Ecology; Seeds; ...4.0224

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

LIFE CYCLE, PHYSIOLOGY AND CONTROL OF PERENNIAL WEEDS AFFECTING SUBTROPICAL FRUIT CROPS ...Alachlor; Cynodon; Cyperaceae; Lactuca; Pesticide Evaluation; Sub - Tropic Regions; ...4.0236

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

REACTIONS OF VEGETABLE CROPS TO APPLIED CHEMICALS, EXCLUSIVE OF NUTRIENTS ...Allium; Cucumis Melo; Dactnal; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0241

CHEMICAL STRUCTURE RELATED TO SYSTEMIC ACTIVITY, METABOLISM, MODE OF ACTION, AND FATE OF CHEMICALS IN COTTON PLANT ...Gossypium; Insecticides -nonspecific; Pesticide Evaluation, Pesticide Phytotoxicity; ...4.0242

CONTROL OF WEEDS AND INSECTS IN SUGAR BEETS ...Chenopodiaceae; Herbicides -nonspecific; Pesticide Phytotoxicity; ...4.0246

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Residues; Pyrazon; Soil Microbiology; Soil Temp. -non-specific; ...4.0248

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Amaranthaceae; Chenopodiaceae; Convolvulaceae; Dicamba; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Absorption -other; Translocation; ...4.0249

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

CHEMICAL CONTROL OF WEEDS IN POTATOES ...Cyclic Organic Cpds. --(1 Or ; Dacthal ; Diphenamid; Pesticide Phytotoxicity; Solanum; ...4.0253

ACTION OF SELECTIVE CHEMICALS ON MICRO-ORGANISMS AND HIGHER PLANTS ...Capsicum; Nematoda; Pesticide Evaluation; Phaseolus; Temperature - Air; Vegetables; Xanthomonas; ...4.0255

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming -vegetables; ...4.0265

CENTRALIZED PESTICIDE RESIDUE INVESTIGATIONS OF SOUTHERN AGRICULTURAL EXPERIMENT STATIONS ...Dieldrin; Pesticide Residues; Plant Absorption -other; ...4.0267

ECOLOGICAL RECORDS ON ELGIN AFB RESERVATION ...Bactericides -nonspecific; Florida; Liquids Or Sprays; Pesticide Application Equip.; Plant Biomes; ...4.0269

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming - vegetables; ...4.0272

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Ves-438; ...4.0277

ABSCISSION OF TREE FRUITS ...Abscission; Herbicides and Other Chem; Pesticide Evaluation, Pesticide Phytotoxicity; Prunus Persica; 3 Cpa; ...4.0283

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

WEED CONTROL IN NURSERY STOCK ...Herbicides -nonspecific; Mulches; Pesticide Application Rates; Pesticide Evaluation; Pesticide Persistance in Soils; Potted Plants -see Ornamentals; ...4.0286

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates; Dieldrin; Disulfoton; Granules, Capsules; Meta - Systox; Ornamentals; Pesticide Interaction With Env; Temporal Distribution; ...4.0289

WEED CONTROL IN PLANT INDUSTRY ...Capsicum; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Sirmate; Tillam; Vegetables; ...4.0291

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus; Cucumis Sativus; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Phaseolus; Planavin; Tok; Vegetables; ...4.0292

CULTURE AND PHYSIOLOGY OF FLUE-CURED TOBACCO ...Air Pollution-chemistry; Growth Substances; Nicotiana; Pesticides -other; Tillage, Cropping Systems; ...4.0295

POTENTIAL EFFECTS OF HERBICIDES ON PLANT METABOLITES AND RESIDUES IN CROPS AND SOIL

...Bioassay; Herbicides -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Application Rates; Pesticide Phytotoxicity; Plant; ...4.0301

DEVELOPMENT OF SYSTEMIC PESTICIDES WITH LOW PHYTO- AND MAMMALIAN-TOXICITY PROPERTIES: ...Bioassay; Cts; Foliar Absorption; Pesticide Absorption Rates; Pesticide Phytotoxicity; Plant Absorption -other; Root Absorption; ...4.0302

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Air Pollution -see Specifics; Beta Particles; Fragaria; Malathion; Pesticide Interaction With Env; Pesticide Residues Removal; Residues in Foods; X and Gamma Rays; ...4.0308

FUNGICIDAL & FUNGISTATIC PROPERTIES OF ANTI-OXIDANTS AND RELATED COMPOUNDS ...Antioxidants -nonspecific; Botrytis; Dusts; Ornamentals; Pesticide Evaluation; Pesticides -other; Zea Mays - Field Corn; ...4.0310

SUGAR BEET VARIETAL AND HERBICIDE INVESTIGATIONS ...Chenopodiaceae; Disease Resistance; Herbicides -nonspecific; Pesticide Application Rates; Pesticide Evaluation; Pesticide Residues; Sorghum; ...4.0313

WEED CONTROL IN HORTICULTURAL CROPS ...Growth; Pesticide Application Rates; Pesticide Evaluation; Pesticides - other; R_p 2929; ...4.0316

FATE OF MALATHION RESIDUES GRAIN SORGHUMS ...Chemical Analysis; Herbicides and Other Chem; Malathion; Pesticide Phytotoxicity, Plant; Temperature - Air; Zea Mays - Field Corn; ...4.0319

CYTOGENETIC EFFECTS OF ATRAZINE ON GRAIN SORGHUM ...Atrazine; D, 2,4-; Pesticide Phytotoxicity; Sorghum; ...4.0321

INVESTIGATIONS WITH ORNAMENTAL PLANTS ...Climates - general; Dichlobenil; Kansas; Ornamentals; Pesticide Evaluation; Pesticide Residues; ...4.0322

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops - general; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Bioassay; Liquids Or Sprays; Nicotiana; Pesticide Evaluation; Plant Resistance; Simazine; Zea Mays - Field Corn; ...4.0327

CONTROLLING THE RESPONSES OF CROP AND WEED PLANTS TO HERBICIDES ...Algae - Euglenophyta; Gossypium; Herbicides and Other Chem; Plant Tissue Analysis -chem.; ...4.0329

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Contamination - Soil; Dalapon; Nitrification; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Pseudomonas; Soil Fungi -nonspecific; Soil Microbiology; ...4.0330

EFFECTS OF NUTRITIONAL LEVELS ON ORGANOLEPTIC QUALITY OF FRUITS AND VEGETABLES ...Ericaceae; Home Economics; Pesticides -nonspecific; Pyrus Malus; Residues in Foods; ...4.0336

AN INVESTIGATION OF THE EFFECTS OF DDT AND OTHER CHLORINATED HYDROCARBONS ON THE GROWTH OF EURYHALINE MICROALGAE ...Algae -nonspecific; Chlorinated Hydrocarbons; Metabolism of Algacides; Pesticide Formulation; Physiological Effects; ...4.0337

QUALITY AND NUTRIENT COMPOSITION OF FOODS TREATED WITH PESTICIDES ...Asparagus; Chemical Analysis; Prunus Persica; Residues in Foods; Zea Mays - Field Corn; ...4.0338

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Cellular Biosynthesis; Diuron; Herbicides and Other Chem; Nitrogen Metabolism; Photosynthesis; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0340

FACTORS INFLUENCING PLANT RESPONSES TO HERBICIDES ...Adjuvants; Biological Control; Herbicides -nonspecific; Liquids Or Sprays; Pesticide Safety Measures; Plant Absorption - other; ...4.0341

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF SELECTIVITY OF HERBICIDES ...Absorption (incl. Adsorption); Herbicides and Other Chem; Pesticide Movement in Soils; Physiological Resistance; Translocation; ...4.0345

TRANSFORMATIONS OF INSECTICIDES BY PLANTS ...Animal Pests; Degradation; Enzymes; Pesticide Residues; Plant; Radioisotopes -nonspecific; ...4.0349

BIOLOGICAL ACTIVITY AND MODE OF ACTION OF HERBICIDES USED ON CORN, SOYBEANS, AND TOBACCO ...Carriers -non-liquid; Formulations -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Trifluralin; ...4.0351

EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS ON PLANT GROWTH AND DEVELOPMENT ...Herbicides and Other Chem; Plant; Plant Absorption -other; Plant Growth Regulators -ns.; Radioisotopes -nonspecific; ...4.0356

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum - other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

PHYSIOLOGY AND BIOCHEMISTRY OF HERBICIDE ACTION, SELECTIVITY, AND DEGRADATION ...Amiben; Bromoxynil; Metabolites From Pesticides; Pesticide Phytotoxicity; Tissue Accumulation Rates; ...4.0363

WEED CONTROL IN SOYBEANS ...Atrazine; Glycine; Pesticide Evaluation; Plant Resistance; Tenoran; ...4.0366

NON-TOXIC OIL SPRAYS TO CONTROL LEAF DISEASES OF CROPS ...Chenopodiaceae; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Phytotoxicity; Septoria; ...4.0367

TOXIC CHEMICALS IN PLANTS AND THEIR RESIDUAL EFFECTS ...Amiben; Carotenoid Pigments; Growth Substances; Iridaceae; Pesticide Formulation; ...4.0368

WEED CONTROL IN SOYBEANS ...Bioassay; Glycine; Pesticide Evaluation; Pesticide Residues; ...4.0372

THE USE OF HERBICIDES FOR WEED CONTROL IN COTTON ...Bioassay; Economics of Chemical Control; Herbicides -nonspecific; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Tillage; ...4.0373

TRANSLOCATION OF HERBICIDES IN NUTGRASS AND JOHNSONGRASS ...Carbon; Dalapon; High Temp. - 85f Or Above; Plant Absorption -other; Surfactants - Wetting Agents; ...4.0377

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Msma; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

EVALUATION & APPLICATION OF HARVEST-AID CHEMICALS ON COTTON PLANTS IN MECHANICAL HARVESTING ...Abscission; Gossypium; Growth; Organophosphorous Cpds.; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0386

THE INTERACTION OF HERBICIDES WITH OTHER APPLIED PESTICIDES ...Fungicides -nonspecific; Herbicides -nonspecific; Nematocides -nonspecific; Pesticide Evaluation; Pesticides Compatibility; ...4.0387

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

PRINCIPLES AND PRACTICES FOR CONTROL OF JOHNSONGRASS IN SOYBEANS ...Alanap; Diuron; Formulations -nonspecific; Herbicides and Other Chem; Pesticide Phytotoxicity; Soil Compaction Or Density; ...4.0391

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Herbicides and Other Chem; Pesticide Formulation; Picloram; Plant Succession; ...4.0395

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species, Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Phaseolus; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Bensulide; Environment Accumulation Rates; Pesticide Residues; Plant Ecology -nonspecific; Triazines -nonspecific; ...4.0404

CONTROL OF ARTHROPOD PESTS OF COTTON ...Animal Resistance; Costs -see Economics Entries; Gossypium; Pesticide Persistance in Soils; Pesticides Compatibility; Toxaphene; ...4.0425

PESTICIDE INTERACTIONS - INFLUENCE ON PLANT GROWTH AND MECHANISMS OF TOXICITY AND DETOXICATION ...Carbamates -nonspecific; Pesticide Phytotoxicity; Temperature - Air; Urea Cpds. -nonspecific; ...4.0427

PHYSIOLOGICAL MECHANISMS INVOLVED IN SELECTIVE PHYTOTOXIC ACTION OF HERBICIDES ...Chelation & Com-

plexing; Cipc; Herbicides and Other Chem; Nucleic Acid Compounds; Pesticide Phytotoxicity; Pyricior; ...4.0430

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

WEED CONTROL STUDIES WITH HORTICULTURAL CROPS ...Amino Triazole; Dichlobenil; Paraquat; Pesticide Application Rates; Pesticide Interaction With Env; Soil Environment -other; Vegetables; Zea Mays - Sweet Corn; ...4.0438

PHYSIOLOGICAL AND MORPHOLOGICAL RESPONSE OF PLANTS TO HERBICIDES ...Compositae; IAA; Pesticide Interaction -gen.; Plant Absorption -other; Poa Pratensis; Trifolium; ...4.0439

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Panicum -other; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Tillage; Zea Mays - Field Corn; ...4.0445

INVESTIGATIONS ON THE INFLUENCE OF HERBICIDES IN RELATION TO CROP PRODUCTION ...Climates -general; Herbicides and Other Chem; Pisum; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0452

FACTORS INFLUENCING THE EFFECTIVENESS OF HERBICIDES ...Agricultural Runoff; Betulaceae; Diuron; Irrigation, Pesticide Evaluation; Plant Growth Regulators -ns.; Soil Types - also See Specifics; ...4.0453

MICROANALYSIS TECHNIQUE TO DETECT HERBICIDES AND THEIR DEGRADATION ...Atrazine; Chemical Analysis; D, 2,4-; Plant; ...4.0460

MECHANISMS OF PLANT GROWTH REGULATION ...Avena Sativa; Growth Substances; Hydrogen; Pesticide Phytotoxicity; Respiration; Ultra Violet Radiation; ...4.0461

TRANSFORMATION OF INSECTICIDES BY PLANTS ...Carbon; Chemical Analysis; Dieldrin; Pesticide in Food Chains; Phaseolus; Plant; Sevin; ...4.0467

THE ROLE OF RHIZOSPHERE MICROORGANISMS IN THE ACTION OF HERBICIDES ON PLANTS ...Ammonification Or Decay; Fungicides -nonspecific; Insecticides -nonspecific; Nitrification; Pesticide Interaction With Env; Pesticides Compatibility; Rhizosphere; ...4.0468

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Ametryn; Cyperaceae; Pesticide Application Rates; Pesticide Formulation; Plant Resistance; Saccharum; Terbacil; ...4.0470

EFFECT OF PROCESSING ON SYSTEMIC PESTICIDES IN COFFEE, PINEAPPLE, AND TOMATO ...Bayer Compounds; Chemical Analysis; Food Contamination; Phosphorus and Phosphorus Cpds; Rubiaceae; ...4.0472

EVALUATION OF HERBICIDES AND THEIR INFLUENCE ON THE PHYSIOLOGY OF VEGETABLE CROPS ...Absorption (incl. Adsorption); Cruciferae; Irrigation; Pesticide Application Rates, Pesticide Phytotoxicity; Respiration; Trifluralin; ...4.0473

TOBACCO PLANT BED MANAGEMENT RESEARCH ...Diphenamid; Nematoda; Pesticide Evaluation; Pesticide Residues; ...4.0477

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Glycine; Nitrogen Metabolism; Pennisetum; Pesticide Phytotoxicity; Plant Absorption -other; Propachlor; Zea Mays - Field Corn; ...4.0482

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Gossypium; Humidity; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Sandy Soils -see Soil Type; Temperature - Air; ...4.0487

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Cucurbita; Dicamba; Herbicides and Other Chem; Medicago; Pesticide Application Rates; Plant Resistance; Pyrazon; ...4.0495

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

RESPONSE OF PLANTS TO HERBICIDES ...Amino Triazole; D, 2,4-; Foliar Absorption; Pesticide Interaction -gen.; Pesticide Residues; Plant Absorption -other; Temperature - Air; ...4.0507

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Bioassay; Carbon; IAA; Pesticide Evaluation; Pesticide Interaction With Env; Pesticide Volatility; Plant Absorption -other; ...4.0508

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0509

EFFECTS OF HERBICIDES ON TREE FRUITS AND SMALL FRUITS ...Amino Triazole; Fragaria; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticide Safety Measures; ...4.0512

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Environment Accumulation Rates; Linuron; Medicago; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

EFFECT OF PHOSPHORUS INSECTICIDES ON QUALITY OF ALFALFA HAY ...Demeton; Malathion; Nitrogen and Nitrogen Cpds.; Pesticide Residues; Phosphorus and Phosphorus Cpds; Temperature - Air; Tissue Accumulation Rates; ...4.0521

WEED CONTROL IN SUGAR BEETS ...Amaranthaceae; Chenopodiaceae; Pesticide Interaction With Env; Pesticides - other; ...4.0525

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. -(1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Dbee, -2,4-; Fish; Haloragaceae; Paraquat; Pesticide Evaluation; Pesticide in Food Chains; Ponds; ...4.0529

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Chemical Analysis; Gallus Domesticus; Laboratory Animals; Mammals -nonspecific; Organophosphorous Cpds.; Radioisotopes -nonspecific; ...4.0548

MOLECULAR MECHANISMS FOR ACTION OF GROWTH REGULATORS AND HERBICIDES ...Growth Substances; Herbicides -nonspecific; Herbicides and Other Chem; Plant Growth Regulators -ns.; ...4.0563

STUDY OF HERBICIDES SELECTIVITY USING INTRA-SPECIES PLANT INDICATORS ...Absorption (incl. Adsorption); Carbon; Mineral Nutrition; Pesticide Phytotoxicity; Photosynthesis; Respiration; Tok; ...4.0614

EFFECTS OF PESTICIDES ON MICROORGANISMS IMPORTANT TO THE DAIRY INDUSTRY ...Aerobic Bacteria; DDT; Escherichia Coli; Heptachlor Epoxide; Metabolites From Pesticides; Pesticide Toxicity to Microorg; Staphylococcus Aureus; ...4.0623

METABOLISM OF PESTICIDES BY RUMEN MICROBIOTA AND FACTORS INFLUENCING ABSORPTION ...Bacterial Identification; Capra; DDT; Intestinal Bacteria; Microorganism-see Cell. Catab.; Petroleum -see Oil; ...4.0668

HERBICIDE STUDIES EMPLOYING IN VITRO CULTURE METHODS ...Alanap; Humidity; Pesticide Formulation; Pesticide Residues; ...4.0683

POND ECOLOGY AND PRODUCTION AS AFFECTED BY SIMAZINE ...Animal Productivity; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticide Aquatic Cycling; Simazine; ...4.0720

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Aquifoliaceae; Ericaceae; Juniperus; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; Simazine; Terbacil; ...4.0761

ORGANIC MERCURIAL FUNGICIDES AND METABOLISM ...Carbon; Isotope Tracer -see Tracers; Mercury; Metal Organics - nonspecific; Pesticide Action on Animals; PMA; ...4.0820

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Cipc; IPC; Metabolites From Pesticides; Muridae; ...4.0821

ENVIRONMENTAL TOXICOLOGY OF PESTICIDES ...Air Pollution; Contamination - Water; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Residues, Pesticides -see Pesticide; Residues in Foods; ...4.0822

SELECTIVITY AND MODE OF ACTION OF HERBICIDAL CHEMICALS ...Atrazine; D, 2,4-; Herbicides and Other Chem; Pesticide Phytotoxicity; Plant Absorption -other; ...4.0834

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF HERBICIDAL ACTION ...Chemical Analysis; Diuron; Herbicides and Other Chem; Picloram; Planavin; Silvex; ...4.0842

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Animal Resistance; Bos; Herbicides and Other Chem; Mammals -nonspecific; Pesticide Residues; Sevin; ...4.0860

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Biodegradation; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Radioisotopes -nonspecific; Toxicology; ...4.0861

SYSTEMIC INSECTICIDE RESEARCH ON MISCELLANEOUS INSECTS AND SPIDER MITES OF COTTON ...Animal Resistance; Azodrin; Fertilizers; Granules, Capsules; Pesticide Formulation; ...4.0864

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; Cell Injury and Autolysis; D, 2,4-; Dicamba; Herbicides and Other Chem; Phaseolus; Propachlor; Translocation; ...4.0875

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Domestic Animals; Food Contamination; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Residues; Pesticide Residues Removal; Residues in Foods; ...4.0909

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Animal Resistance; Chemical Degradation; Insecticides -nonspecific; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticide Residues; Sevin; ...4.0922

PESTICIDE RESIDUES - THEIR NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND SOILS ...Herbicides and Other Chem; Humidity; Pesticide Phytotoxicity; Pesticide Residues; Soil Types -also See Specifics; ...4.0935

WEED CONTROL IN FRUIT CROPS, WITH SPECIAL REFERENCE TO APPLE AND PEACH ...Dichlobenil; Economics of Chemical Control; Liquids Or Sprays; Pesticide Phytotoxicity; Prunus Persica; Simazine; ...4.0936

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Herbicides and Other Chem; Linuron; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

EFFECTS OF AERIALLY DELIVERED DEFOLIANTS AND INSECTICIDES ...Defoliants; Insecticides -nonspecific; Pesticide Residues; ...4.0938

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Paraoxon; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

EFFECT OF HERBICIDES ON PROVITAMIN A VALUE OF SELECTED RAW AND COOKED VEGETABLES ...Amino Triazole; Chenopodiaceae; Daucus Species; Muridae; Residues in Foods; Vegetables; ...4.0957

EFFECTS OF PESTICIDES ON PROTEIN, CARBOHYDRATE, AND NUCLEIC ACID METABOLISM INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Bacteria - nonspecific; Cellular Biosynthesis; Microorganism-see Cell Catab.; Pesticide Action on Animals; Pesticides -nonspecific; Yeasts -nonspecific; ...4.0961

BIOLOGICAL INTERACTIONS WITH SYSTEMIC FUNGICIDES ...Basidiomycetes; Fungi -nonspecific; Herbicides and Other Chem; Microorganisms -nonspecific; Plant; Vitavax; ...4.0965

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Dichloroaniline; Enzymes; Metabolites From Pesticides; Pesticide Aquatic Cycling; Plant; Propanil; ...4.0966

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganism-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bioassay; Carbon; Developmental Physiology; Genetic Resistance; Hydrogen; Organophosphorous Cpds.; Pyrethrum; ...4.0999

CHEMICAL CONTROL OF WEEDS IN NURSERY AND TURF PLANTINGS ...Agropyron; Cyperaceae; Gramineae; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Phenology; ...4.1012

MODE OF ACTION OF INSECTICIDES ...Animal; Herbicides and Other Chem; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Residue Analysis; Plant; ...4.1032

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Animal; Chlorobenzilate; Ddvp; Diazinon; Herbicides and Other Chem; Pesticide Action on Animals; Plant; Translocation; ...4.1066

MECHANISMS OF THE OXIDATIVE DEGRADATION OF PESTICIDE MALEIC-HYDRAZIDE ...Chemical Analysis; Environment Accumulation Rates; Isotope Tracer -see Tracers; Oxidation; Pesticide Residues; Thin Layer Chromatography; ...4.1068

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Photosynthesis; Quinone Cpds. -nonspecific; Triazines -nonspecific; ...4.1086

PEPTIDE HYDROLASES IN PESTICIDE METABOLISM BY PLANTS ...Carbamates -nonspecific; Glycine; Herbicides and Other Chem; Pesticide Evaluation; Plant; Thiocarbamate -nonspecific; Urea Cpds. -nonspecific; ...4.1093

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES ...D, 2,4-; Pesticide Residue Analysis; Residues in Foods; Storage Changes; ...4.1094

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Labiatae; Moraceae; Pisum; Thimet; Zea Mays - Field Corn; ...4.1102

DEVELOP MICROANALYSES FOR DETECTION OF HERBICIDES AND METABOLITES IN PLANT TISSUE ...Atrazine; Chemical Analysis; D, 2,4-; Diuron; Hydrogen; Phaseolus; Plant; ...4.1105

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

HARVEST-AID CHEMICAL RESIDUES IN COTTONSEED ...Absorption (incl. Adsorption); Chemical Analysis; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Residues, Plant Absorption -other; Translocation; ...4.1120

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Carbamates -nonspecific; Chlorinated Hydrocarbons; Herbicides and Other Chem; Organophosphorous Cpds.; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; ...4.1133

Pesticide Application Equip.

ENGINEERING TECHNOLOGY FOR APPLICATION OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Insecticides -nonspecific; Low Volume; Pesticide Application Rates; Physical Control; ...4.0001

PESTICIDE APPLICATION EQUIPMENT IN RELATION TO DRIFT OF PESTICIDES AND PEST CONTROL ...Pesticide Drift; Pesticide Evaluation; Pesticides -nonspecific; ...4.0008

PESTICIDE APPLICATION EQUIPMENT IN RELATION TO DRIFT OF PESTICIDE AND PEST CONTROL ...Cab-o-sil; Dyes -nonspecific; Medicago; Methoxychlor; Nozzles; Pesticide Drift; Pesticide Evaluation, ...4.0009

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Carriers -non-liquid; Cotoran; Gossypium; Msma; Pesticide Drift; Pesticide Interaction With Env; Thimet; ...4.0035

A STUDY ON THE FEASIBILITY OF LOW VOLUME APPLICATION OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Emulsifiers; Liquids Or Sprays; Low Volume; Methyl Parathion; Pesticide Evaluation; Strobane; ...4.0044

EVALUATION OF LOW VOLUME CONCENTRATE FORMULATIONS OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Chromatography; Liquids Or Sprays; Pesticide Evaluation; Potted Plants -see Ornamentals; ...4.0045

PRECISE PLACEMENT AND DRIFT CONTROL OF INSECTICIDE AND PESTICIDES WHEN ULTRA-LOW VOLUMES ...Handling & Application; Insecticides -nonspecific; Low Volume; Pesticide Drift; Temperature - Air; ...4.0047

EQUIPMENT AND PROCEDURES FOR CONTROL OF WEEDS AND BRUSH ...D, 2,4 , Granules, Capsules; Irrigation; Pesticide Interaction With Env; Physical Control; Zea Mays - Field Corn; ...4.0050

DRIFT CONTROL OF PESTICIDES ...Aerosols - Smokes, Fogs, Steam; Liquids Or Sprays; Pesticides -nonspecific; Spray Devices; ...4.0063

IMPROVED DISTRIBUTION AND PLACEMENT OF CONCENTRATE PESTICIDE MATERIALS ...Air Pollution; Bioindicators; Concentrates; Pesticide Application Rates; Pesticide Drift; Pesticides -nonspecific; ...4.0068

EFFECTIVENESS OF WATER-IN-OIL EMULSION SPRAYS FROM THE BIFLUID SYSTEM FOR WOODY PLANTS ...Emulsifiers; Formulations -nonspecific; Liquids Or Sprays; Pesticide Drift; Pesticide Evaluation; Pesticide Formulation; Prosopis; ...4.0070

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules; Liquids Or Sprays; Mulches; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Tillage, Cropping Systems; Zea Mays - Field Corn; ...4.0138

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Equipment; Labiatae; Nematoda; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species, Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

APPLICATION PRINCIPLES AND DESIGN REQUIREMENTS FOR WEED CONTROL EQUIPMENT ...Cultural Control; Mulches; Oryzeae; Pesticide Drift; Pesticide Evaluation; Physical Control; Soil Cover Crops; ...4.0222

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Chrysanthemum; Diazinon; Furadan; Landrin; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

ECOLOGICAL RECORDS ON ELGIN AFB RESERVATION ...Bactericides -nonspecific; Florida; Liquids Or Sprays; Plant Biomes; ...4.0269

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor, Ambrosia; Bladex; Convolvulaceae; Grass - nonspecific; Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops - general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

CHEMICAL CONTROL OF ORCHARD INSECTS ...Acaricides - nonspecific; Arachnida; Dusts; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0343

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds. -nonspecific; Phosvel; Population Dynamics - general; Torak; ...4.0347

EQUIPMENT FOR IMPROVED CONTROL AND PRECISION OF APPLICATION OF AGRICULTURAL CHEMICALS ...Climates -general; Formulations -nonspecific; Liquids Or Sprays; Pesticide Drift; Pesticide Evaluation; ...4.0370

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Msma; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology, Horticultural Crops -general, Maneb; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT, Methomyl; Nicotiana; Pesticide Evaluation, Pesticide Phytotoxicity, Sevin; TDE; ...4.0429

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS ...Aliphatic Carbamates; Bacillus Thuringiensis; Chlorphenamidine; Furadan; Methomyl; Pesticide Residues; Thuricide; ...4.0444

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan; Liquids Or Sprays; Malathion, Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone; Prunus Domestica; Residues in Foods; ...4.0455

PESTICIDE APPLICATION COSTS AND CHEMICALS FOR PEST CONTROL ON FRUIT ...Acaricides -nonspecific; Concentrates; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Application Rates; Petroleum Cpds. -nonspecific; ...4.0466

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Ametryn; Cyperaceae; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Formulation; Plant Resistance; Saccharum; Terbacil; ...4.0470

PESTICIDE RESIDUES ON FORAGE RESULTING FROM DRIFT OF DUSTS APPLIED TO ADJACENT ORCHARDS ...Dusts; Humidity; Pesticide Drift; Pesticide Residues; Rain; Wind -see Air Motion; ...4.0498

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Environment Accumulation Rates; Linuron; Medicago; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

BIONOMICS AND CONTROL OF INSECT PESTS AFFECTING SMALL FRUITS ...Domestic Animals; Guthion; Insect Resistance; Low Volume; Methomyl; Pesticide Evaluation; Vitaceae; ...4.0673

EQUIPMENT AND METHODS FOR DECONTAMINATION AND DISPOSAL OF PESTICIDES AND PESTICIDE CONTAINERS ...Combustion; Formulations -nonspecific; Incineration; Nitrification; Pesticide Degradation -see Deg; Sevin; Waste Water Degradation; ...4.1052

KIT, OPERATIONS, AERIAL DISPERSAL ...Aerosols - Smokes, Fogs, Steam; Insecticides -nonspecific; ...4.1078

DEVELOP METHOD FOR QUANTITATIVELY CHARACTERIZING PESTICIDE DRIFT ...Formulations -nonspecific; Herbicides -nonspecific; High Speed Photography; Insecticides -nonspecific; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Drift; ...4.1116

Pesticide Application Rates

EFFECT OF COPPER SULFATE ON AQUATIC WEEDS ...Alkalinity (water); Canals; Copper Sulfate; Irrigation; Pesticide Formulation; Temperature (water); Water Pollution Sources; ...2.0060

GROWTH SUPPRESSION AND REDUCTION IN REGROWTH POTENTIAL OF AQUATIC WEEDS ...Acrolein; Najadaceae; Plant Pollutants; Potamogetonaceae; Submerged Plants; ...2.0071

CONTROL OF AQUATIC WEEDS ...Chemical Analysis (water); Connecticut; D, 2,4-; Dichlobenil; Pesticide Action on Plants, Pesticide Phytotoxicity; Pesticide Residues; ...2.0088

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

ENGINEERING TECHNOLOGY FOR APPLICATION OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Insecticides -nonspecific; Low Volume; Physical Control; ...4.0001

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Biological Control; Chlorobenzilate; Chlorphenamidine; Economic Losses (or Benefits); Medicago; Pesticide Evaluation; Toxaphene; ...4.0010

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts, Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

IMPROVED DISTRIBUTION AND PLACEMENT OF CONCENTRATE PESTICIDE MATERIALS ...Air Pollution; Bioindicators; Concentrates; Pesticide Application Equip.; Pesticide Drift; Pesticides -nonspecific; ...4.0068

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0069

INVESTIGATION OF PESTICIDE DRIFT IN THE LOWER RIO GRANDE VALLEY OF TEXAS ...Biological Control; Climates - general; Insects - Beneficial; Pesticide Drift; Population Dynamics -general; ...4.0071

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Fish; Glycine; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Zea Mays - Field Corn; ...4.0074

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Metabolites From Pesticides; Pesticide Toxicity to Microorg; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

INFLUENCE OF SELECTED HERBICIDES ON THE NATURAL PROCESSES OF SOIL MICROORGANISMS ...Atrazine; Loam - see Soil Types; Pesticide Toxicity to Microorg; Soil Microbiology; ...4.0080

RESIDUES OF SELECTED PESTICIDES - NATURE, DISTRIBUTION, PERSISTENCE IN PLANTS, ANIMALS & PHYSICAL ENVIRONMENTS ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Monitoring Systems; Plant; TDE; ...4.0083

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

SOIL INVERTEBRATES INFLUENCE ON CORN RESIDUES ...Arthropods; Minimum Tillage; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Planting Methods; Population Dynamics -general; Soil Microbiology; ...4.0108

ANNUAL AND PERENNIAL WEED CONTROL IN SORGHUM, WINTER WHEAT AND SUMMER FALLOWED LAND ...Atrazine; Chemical Tillage Or Nontillage; Minimum Tillage; Pesticide Evaluation; Pesticide Persistance in Soils; Sorghum; Tillage, Cropping Systems; ...4.0113

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

DETERMINATION OF HERBICIDAL RESIDUES IN PLANTS AND SOILS, AND FATE OF HERBICIDES IN CERTAIN SOILS ...Degradation; Ornamentals; Patoran; Pesticide Movement in Soils; Pesticide Phytotoxicity; Phaseolus; Turf; Vegetables; ...4.0133

PERSISTENCE AND DETOXIFICATION OF HERBICIDES IN SOIL ...Climates -general; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Aeration; Soil pH; ...4.0136

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules, Liquids Or Sprays; Mulches; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Tillage, Cropping Systems; Zea Mays - Field Corn; ...4.0138

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general, Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Agritox; Baygon; Chlordan; Dieldrin; Pesticide Formulation; Pesticide Residues; Plant Phenology; ...4.0150

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp -non-specific; Zea Mays - Field Corn; ...4.0152

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Climates -general; Environment Accumulation Rates; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...4.0155

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Equipment; Labiatae; Nematoda; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types - also See Specifics; Zineb; ...4.0169

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

USE OF FENURON IN CONTROL OF SCRUB OAK ...Fenuron, Granules, Capsules; Pesticide Action on Plants; Pesticide Persistance in Soils; Pinus Taeda; Quercus; ...4.0173

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Herbicides -nonspecific; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Soil Types -also See Specifics; ...4.0177

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Brassica Species; Malathion; Parathion; Pesticide in Food Chains; Pesticide Residues Removal; Residues in Foods; ...4.0202

WEED CONTROL IN COTTON AND OTHER AGRONOMIC CROPS UNDER IRRIGATED CONDITIONS ...Cultural Control; Diuron; Pesticide Residues; Physical Control; Thimet; ...4.0210

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Diazinon; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

CHEMICAL CONTROL OF POST-HARVESTING FRUIT AND VEGETABLE DECAYS OCCURRING IN PACKING HOUSES ...Butylamine; Diplodia; Fruit, Nut, and Berry Crops; Liquids Or Sprays; Pesticide Legal Aspects; ...4.0231

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Chrysanthemum; Diazinon; Furadan; Landrin; Monitor; Pesticide Phytotoxicity; ...4.0235

REACTIONS OF VEGETABLE CROPS TO APPLIED CHEMICALS, EXCLUSIVE OF NUTRIENTS ...Allium; Cucumis Melo; Dacthal; Lycopersicum; Pesticide Phytotoxicity; ...4.0241

HERBICIDE SCREENING STUDIES ON SUGAR BEETS ...Bioassay; Computer Methods -general; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Residues; ...4.0251

CHEMICAL CONTROL OF WEEDS IN POTATOES ...Cyclic Organic Cpds. -(1 Or ; Dacthal ; Diphenamid; Pesticide Action on Plants; Pesticide Phytotoxicity; Solanum; ...4.0253

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Cyclodiene Cpds. -nonspecific; Disulfoton; Dyphonate; Gardona; Methomyl; Pesticide Phytotoxicity; ...4.0254

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

BIONOMICS OF THE PLANT NEMATODE TRICHODORUS CHRISTIEI ...Aliphatic Carbamates; Chrysanthemum; Mocap; Ornamentals; Pesticide Evaluation; Population Dynamics -general; Zinophos; ...4.0260

CHEMICAL CONTROL OF MITES AFFECTING CITRUS ...Acaricides -nonspecific; Arachnida; Citrus; Pesticide Evaluation; Pesticide Phytotoxicity; Pesticides Compatibility; ...4.0262

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Msma; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Azodrin; Disulfoton; Granules, Capsules; Nemacur P; Pesticide Evaluation; Pesticides -other; Supracide; Zinophos; ...4.0264

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming - vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

PRELIMINARY EXPLORATORY RESEARCH AT THE SOUTH FLORIDA FIELD LABORATORY ...Citrullus; Fruit, Nut, and Berry Crops; Fusarium; Lycopersicum; Pesticide Phytotoxicity; Pinolene; Vegetables; ...4.0273

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

CHEMICAL CONTROL OF MITES ATTACKING CITRUS ...Acaricides -nonspecific; Arachnida; Citrus; Pesticide Evaluation; Pesticide Phytotoxicity; Pesticides Compatibility; ...4.0276

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vcs-438; ...4.0277

PETROLEUM OILS AS CITRUS TREE SPRAYS IN FLORIDA ...Arachnida; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; ...4.0278

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdas; Cucumis Sativus; Cynodon, Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

WEED CONTROL IN NURSERY STOCK ...Herbicides -nonspecific; Mulches; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Potted Plants -see Ornamentals; ...4.0286

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Bladex; Convolvulaceae; Grass - nonspecific; Malvaceae; Pesticide Residues; Preforan; Xanthium; ...4.0287

THE RELATIONSHIP OF INSECTS TO THE LEAFROLL VIRUS DISEASE OF POTATO ...Aliphatic Carbamates; Biological Control; Granules, Capsules; Pesticide Phytotoxicity; Vegetables; ...4.0300

POTENTIAL EFFECTS OF HERBICIDES ON PLANT METABOLITES AND RESIDUES IN CROPS AND SOIL ...Bioassay; Herbicides -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Phytotoxicity; Plant; ...4.0301

SUGAR BEET VARIETAL AND HERBICIDE INVESTIGATIONS ...Chenopodiaceae; Disease Resistance; Herbicides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; Sorghum; ...4.0313

WEED CONTROL IN HORTICULTURAL CROPS ...Growth; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Rp 2929; ...4.0316

CYTOGENETIC EFFECTS OF ATRAZINE ON GRAIN SORGHUM ...Atrazine; D; 2,4-; Pesticide Action on Plants; Pesticide Phytotoxicity; Sorghum; ...4.0321

INVESTIGATIONS WITH ORNAMENTAL PLANTS ...Climates - general; Dichlobenil; Kansas; Ornamentals; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0322

FIELD EVALUATION OF HERBICIDES ...Herbicides -nonspecific; Kansas; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Resistance; Sorghum; Triticum; ...4.0324

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Bioassay; Liquids Or Sprays; Nicotiana; Pesticide Action on Plants; Pesticide Evaluation; Plant Resistance; Simazine; Zea Mays - Field Corn; ...4.0327

WEED CONTROL IN HORTICULTURAL CROPS ...Dalapon; Iridaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Simazine; ...4.0328

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Azodrin; Compositae; Ericaceae; Pesticide Phytotoxicity; Supracide; Temperature - Air; ...4.0332

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Alternaria; Concentrates; Ethoxyquin; Fruit, Nut, and Berry Crops; Pesticide Phytotoxicity; Pyrus Malus; Temperature - Air; ...4.0339

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum - other; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

WEED CONTROL IN SOYBEANS ...Bioassay; Glycine; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0372

THE USE OF HERBICIDES FOR WEED CONTROL IN COTTON ...Bioassay; Economics of Chemical Control; Herbicides -nonspecific; Pesticide Phytotoxicity; Soil Tillage; ...4.0373

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

THE CONTROL OF WEEDS IN RICE BY THE USE OF HERBICIDES ...Byram; Oryzeae; Pesticide Evaluation; Pesticides -other; Propanil; ...4.0380

DEVELOPMENT OF PRACTICES FOR THE CONTROL OF ANNUAL WEEDS IN SOYBEANS ...Glycine; Herbicides -nonspecific; Pesticide Phytotoxicity; ...4.0382

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Mema; Pesticide Action on Plants; Pesticide Persistance in Soils; Sandy Soils - see Soil Type; Soil Depth; ...4.0385

IMPROVEMENT OF OIL SEED CROPS THROUGH THE DEVELOPMENT OF SUPERIOR VARIETIES AND CULTURAL METHODS ...Alternaria; Fungal Resistance; Helianthus; Irrigation; Linaceae; Planting Methods; ...4.0394

CONTROL OF POTATO PESTS ...Captan; Difolatan; Fore; Fusarium; Pesticide Phytotoxicity; Residues in Foods; Solanum; Vegetables; ...4.0396

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

CRANBERRY DISEASES AND THEIR CONTROL ...Benlate; Ferbam; Guignardia; Maneb; Pesticide Phytotoxicity; Swamps - Marshes; ...4.0402

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Alternaria; Bioassay; Hordeum Vulgare; Myrothecium; Pesticide Evaluation; Phaseolus; Secale; Vegetables; ...4.0411

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Chlorphenamidine; Furadan; Guthion; Liquids Or Sprays; Pesticide Evaluation; Phosalone; Pyrus Malus; UC 34096; ...4.0413

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; D, 2,4-; Diuron; Pesticide Formulation; Pesticide Safety Measures; Simazine; Terbacil; Vitaceae; ...4.0415

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Legal Aspects; Pesticide Residues; Population Dynamics -general; Solvents Or Carriers; Supracide; ...4.0417

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...4.0418

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0429

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl. Adsorption); Chemical Analysis; Cyclic Organic Cpds. -(1 Or ; Diphenamid ; Lycopersicum; Pesticide Organoleptic Prop.; Radioisotopes -nonspecific; Solanum; Vegetables; ...4.0437

WEED CONTROL STUDIES WITH HORTICULTURAL CROPS ...Amino Triazole; Dichlobenil; Paraquat; Pesticide Interaction With Env; Soil Environment -other; Vegetables; Zea Mays - Sweet Corn; ...4.0438

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Panicum -other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Tillage; Zea Mays - Field Corn; ...4.0445

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan; Liquids Or Sprays; Malathion; Pesticide Phytotoxicity; Phosalone; Prunus Domestica; Residues in Foods; ...4.0455

DEVELOPMENT OF THE EASTERN SPRUCE GALL APHID AND ITS CONTROL ...Animal Life History Studies; Lindane; Liquids Or Sprays; Pesticide Phytotoxicity; Picea; ...4.0463

BIOLOGY AND CONTROL OF INSECTS IN DECIDUOUS FORESTS AND CHRISTMAS TREE PLANTATIONS ...Acer Species; Aliphatic Carbamates; Dieldrin; Liquids Or Sprays; Pesticide Evaluation; Thiodan; ...4.0464

PESTICIDE APPLICATION COSTS AND CHEMICALS FOR PEST CONTROL ON FRUIT ...Acaricides -nonspecific; Concentrates; Fungicides -nonspecific; Liquids Or Sprays; Petroleum Cpds. -nonspecific; ...4.0466

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Ametryn; Cyperaceae; Pesticide Action on Plants; Pesticide Formulation; Plant Resistance; Saccharum; Terbacil; ...4.0470

EVALUATION OF HERBICIDES AND THEIR INFLUENCE ON THE PHYSIOLOGY OF VEGETABLE CROPS ...Absorption (incl. Adsorption); Cruciferae; Irrigation; Pesticide Phytotoxicity; Respiration; Trifluralin; ...4.0473

TOBACCO PLANT BED MANAGEMENT RESEARCH ...Diphenamid; Nematoda; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0477

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Cucurbita; Dicamba; Herbicides and Other Chem; Medicago; Plant Resistance; Pyrazon; ...4.0493

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Methyl Bromide; Pesticide Degradation -see Deg. Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Aquifoliaceae; Conifers; Granules, Capsules; Ornamentals; Pinus (other Specifics); Senecio; Soil Types -also See Specifics; Washington; ...4.0510

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

EFFECTS OF HERBICIDES ON TREE FRUITS AND SMALL FRUITS ...Amino Triazole; Fragaria; Lycopersicum; Pesticide Phytotoxicity; Pesticide Safety Measures; ...4.0512

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Environment Accumulation Rates; Linuron; Medicago; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Cerasus & P. Avium; Soil Moisture; Translocation; Ulmaceae; ...4.0519

EFFECT OF PHOSPHORUS INSECTICIDES ON QUALITY OF ALFALFA HAY ...Demeton; Malathion; Nitrogen and Nitrogen Cpds.; Pesticide Action on Plants; Pesticide Residues; Phosphorus and Phosphorus Cpds; Temperature - Air; Tissue Accumulation Rates; ...4.0521

HERBICIDAL WEED CONTROL IN ALFALFA IN WYOMING ...Atrazine; Chenopodiaceae; Medicago; Pesticide Evaluation; Pesticide Residues; Rp-11561; Terbacil; ...4.0524

REMOVAL OF COMPETING PAMPAS GRASS (CORTADERIA SELLOANA) FROM REDWOOD REFORESTATION AREAS ...D, 2,4-; Gramineae; Mammals -nonspecific; Pesticide Formulation; Picea; Sequoia; ...4.0541

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Bioassay; Estuaries; Methoxychlor; Nutrition; Pesticide Action on Animals; ...4.0545

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Birds; Laboratory Animals; Pesticide Formulation; Ponds; ...4.0550

AERIAL DISPERSAL METHODS FOR CONCENTRATED INSECTICIDES ...Concentrates; Insects - Beneficial; Liquids Or Sprays; Oryzeae; Pesticide Evaluation; Wildlife Toxicity; ...4.0554

BIOLOGY AND CONTROL OF ORANGEWORMS ATTACKING CITRUS, WITH REFERENCE TO ORANGE TORTRIX ...Biological Control; DDT; Insects - Beneficial; Pesticide Residues; TDE; ...4.0562

BIOLOGY, ECOLOGY, CONTROL AND BEHAVIOR OF HIPPELATES EYE GNATS ...Baits, Lures; Insect Chemosterilants -ns.; Pesticide Evaluation; Pesticide Persistance in Soils; Sanitation; Soil Moisture; Trithion; ...4.0564

FIELD TRIALS WITH ANTIFERTILITY AGENTS FOR PREDATOR CONTROL ...Animal Predation; Canidae; Control of Nuisance Species; Impregnated Materials-products; Population Dynamics -general; ...4.0577

IDENTIFICATION, BIOLOGY AND CONTROL OF INSECTS ATTACKING SWEET CORN ...Animal Life History Studies; Biological Control; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Zea Mays - Field Corn; ...4.0585

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers, Fortuf; Fusarium; Morven; Ornamentals; Phaltan; Preventative Measures; ...4.0586

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...DDT; Lindane; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.0612

PHYSIOLOGICAL RESPONSE OF FEMALE RATS AND OFFSPRING TO MULTI-INSECTICIDES AND MINERALS ...DDT; Dinitrophenol; Muridae; Pesticide Action on Animals; Toxicology; ...4.0616

PESTICIDE RESIDUAL ACCUMULATION AND ELIMINATION BY SWINE ...Chemical Analysis; DDT; Lindane; Malathion; Sus; ...4.0643

MODE OF ACTION OF INSECTICIDES AS RELATED TO INSECT METABOLISM AND BEHAVIOR ...Animal Resistance; Chlordan; DDT; Fish; Pyrethrum; Salvelinus; ...4.0682

PESTICIDE EFFECTS ON NITROGEN METABOLISM IN TELEOSTS ...Chemical Analysis; Fish; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Pesticides -nonspecific; Pesticides -see Pesticide; ...4.0725

EFFECTS OF A PESTICIDE ON REPRODUCTION OF CONFINED COTTONTAILS ...Captive Rearing; Mammals; Pesticide Action on Animals; Pesticide Formulation; Population Dynamics - general; ...4.0747

ORGANIC PHOSPHATE SYSTEMIC INSECTICIDES AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Bos; Coumaphos; Domestic Animals; Pesticide Action on Animals; Ruelene; ...4.0759

FIELD AND LABORATORY INVESTIGATIONS OF INSECTICIDES ...Animal Resistance; Endrin; Pesticide Formulation; Residues in Foods; Triticum; ...4.0757

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Guthion; Medicago; Nemacur P; Pesticide Residues; Phosvel; Sevin; ...4.0759

CONTROL OF APPLE INSECT PESTS WITH REDUCED SPRAY SCHEDULES ...Gardona; Liquids Or Sprays; Pesticide Drift; Pesticide Persistance in Soils; Sevin; ...4.0765

THE TOXICOLOGICAL ACTION OF ORGANOPHOSPHATES AND CARBAMATES ...Air Pollution -see Specifics; Chemical Carcinogenesis; Experimental Teratology; Laboratory Animals; Muridae; Pesticide Action on Animals; Sevin; ...4.0881

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Animal Resistance; Chemical Degradation; Insecticides -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Residues; Sevin; ...4.0922

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; Zea Mays - Field Corn; ...4.0982

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...89; Cucurbita; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticide Residues; Plant Growth Regulators -ns.; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

INSECTICIDAL RESIDUES ...Carbon; Diazinon; Medicago; Methoxychlor; Pesticide Persistance in Soils; Plant; Soil Microbiology; ...4.0985

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

CHEMICAL CONTROL OF WEEDS IN NURSERY AND TURF PLANTINGS ...Agropyron; Cyperaceae; Gramineae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Phenology; ...4.1012

DDT RESIDUES IN EGGS AND BODY TISSUES OF HENS ...Chemical Analysis; Food Contamination; Granules, Capsules; Pesticide Action on Animals; Pesticide in Food Chains; ...4.1016

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cassia; Cotoran; Foliar Absorption; Leaf Analysis; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; Root Absorption; ...4.1018

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Chemical Analysis; Feces; Metabolites From Pesticides; Pesticide Rates -general; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.1020

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Atrazine; Bioassay; Environment Accumulation Rates; Loam - see Soil Types; Pesticide Interactions With Env; Pesticide Persistance in Soils; Prometryne; Soil Types -also See Specifics; ...4.1035

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Benlate; Chenopodiaceae; Ethrel; Penicillium; Pesticide Residues Removal; Respiration; TBZ; ...4.1047

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

PESTICIDAL RESIDUES OF AGRICULTURAL CHEMICALS ...Furadan; Guthion; Metabolites From Pesticides; Methyl Parathion; Pesticide Residues in Feeds; Phesant; ...4.1072

SEVIN PARATHION ANALYSIS ...Chemical Analysis; Methyl Parathion; Pesticide Residues; Pesticide Residues in Feeds; Pesticide Safety Measures; Sevin; ...4.1073

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Liquids Or Sprays; Maloran; Pesticide Residues; Pesticide Toxicity in Animals; Phleum; Silvex; Terbacil; Zea Mays - Field Corn; ...4.1083

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

METABOLIC FATE OF PESTICIDES IN ANIMALS ...Animal; Capra; Feces; Mca-600; Ovis; Urine; ...4.1100

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Heptachlor; Malathion; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

PREVENTING INSECT DAMAGE TO TOBACCO AND TOBACCO PRODUCTS IN MARKETING CHANNELS ...Bacilli -nonspecific; Nicotiana; Pesticide Evaluation; Pesticide Toxicity in Animals; Physical Control; Temperature - Air; ...4.1127

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Bacillus Thuringiensis; Brassica Species; Chemical Analysis; Gas Chromatography; Pesticide Evaluation; Pesticide Residues; Soil Contamination -other; Thimet; ...4.1132

Pesticide Aquatic Cycling

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

BEHAVIOR OF POLLUTANTS IN WATER ...Degradation; Groundwater; Pesticide Persistance in Soils; Pesticides -nonspecific; Soil Moisture; Water Pollutants - Path of; ...2.0074

IRRIGATION RETURN FLOW - NUTRIENT BALANCE ...Agricultural Runoff, Idaho; Nutrients; Pesticides -nonspecific; Salinity (water); Water Pollutants - Path of; ...2.0076

RURAL RUNOFF CONTROL ...Adsorption; Contamination - Water; Nutrients; Pesticides -nonspecific; Soil Chemical Properties; ...2.0111

FATE OF AQUATIC HERBICIDES IN THE AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; Endothall; Pesticide Action on Animals; Pesticide Residues; Potable Water; Water Pollutants - Path of; ...2.0127

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects -see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

THE FACTOR CONTROLLING THE DYNAMICS OF NONIONIC SYNTHETIC ORGANIC CHEMICALS IN AQUATIC ENVIRONMENTS ...Adsorption; Aquatic Soils; Lakes; Primary Productivity - Plants; Soil Chemical Properties; Water Chemistry; ...2.0140

LIMNOLOGICAL FACTORS AFFECTING PESTICIDE RESIDUES IN SURFACE WATERS ...Agricultural Runoff; Chemical Water Properties; Eutrophication; Pesticides -see Pesticide; Reservoirs and Impoundments; ...2.0150

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Michigan; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

ENVIRONMENTAL BIOLOGY - BIOGEOCHEMICAL CYCLING IN ECOLOGICAL SYSTEMS ...Aquatic Ecology - Animal; Estuaries; Eutrophication; Lysimeters; Water Pollutants - Path of; ...2.0277

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Groundwater; Pesticides -nonspecific; Radiochemical Analysis; Soil Chemical Properties; Water Pollutants - Path of; Water Quality -general; ...2.0314

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Erosion; Oregon; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Soil Chemical Properties; Surface Active-other; Water Pollutants - Path of; ...2.0330

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticides -see Pesticide; Pliocene Epoch; Silting (water) -see Sediment; Water Bacteria; Water Pollution Sources; ...2.0386

DDT IN SNOW FALLEN AT HIGH ALTITUDE SINCE 1950 ...Air Pollution; Canada; Chemical Analysis; DDT; Pesticides -see Pesticide; Snow; Water Pollutants - Path of; ...2.0405

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Depth (water); Fish; Irrigation; Organophosphorous Cpds; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Agricultural Runoff; Atrazine; Fertilizers; Irrigation; Leaching; Pesticides -see Pesticide; Tillage; Cropping Systems; ...2.0725

QUANTITATIVE METHODS FOR PESTICIDES IN NATURAL WATERS ...Carbamates -nonspecific; Chemical Analysis; Organophosphorous Cpds; Pesticides -see Pesticide; Turbidity (water); ...2.0757

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE; Dieldrin; Fish; Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

IMPROVING WATER QUALITY BY REMOVAL OF PESTICIDE POLLUTANTS WITH AQUATIC PLANTS ...Degradation -see Pesticide Deg; Pesticide Residues; Pesticides -nonspecific; Plant; Radioisotopes -nonspecific; ...2.1119

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER ...Analysis and Detection; Herbicides -nonspecific; Liquids; Pesticides -see Pesticide; Reflection; Soil Fertility; Water; ...2.1618

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Aquatic Soils; Dalapon; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Formulation; Pesticide Residues; Ponds; Typhaceae; ...4.0006

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

HERBICIDE RESIDUES ...Acrolein; Contamination - Soil; D, 2,4-; Fixed Copper; Pesticide Residues; Pesticides -see Pesticide; Xylene; ...4.0018

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Cellular Catabolism-see Deg ad; Microorganism-see Cell. Catab.; Pesticide Formulation; Pesticide Toxicity to Microorg; Physical Degradation; Soil Chemical Properties; ...4.0019

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

PESTICIDE KINETICS ...Bottom Sampling; Degradation; Environment Accumulation Rates; Marine Biology - General; Pesticide Residues; Pesticides -see Pesticide; Tidewater Areas; Water Standards & Baselines; ...4.0024

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Aquatic Ecology - Animal; Dieldrin; Farm Pond; Georgia; Pesticide Movement in Soils; Pesticide Residues; Plant Ecology -nonspecific; ...4.0025

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Algae -nonspecific; Aquatic Ecology - Animal; Cichlidae; Fish; Methoxychlor; Pesticide Movement in Soils; Water Pollutants - Path of; ...4.0029

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope

Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT; Northeast U. S.; Pesticide Residues; Preventative Measures; Sediments; Water Pollutant Identification; Water Quality Control - general; Water Wells; ...4.0037

MECHANISMS OF PESTICIDE ACCUMULATION IN AQUATIC ORGANISMS ...Animal Pests; Biological Effects; Insecticides - nonspecific; Pesticide in Food Chains; Plant Absorption -other; Pollution Effects -see Water; ...4.0039

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut and Berry Crops; Metabolism of Algacides; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues, Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Molluscs; Pathology; Waste Management -see Specific; Watersheds; ...4.0042

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Animal Productivity; Bos; Ecological Effects; Oncorhynchus; Pesticide Action on Animals; Pesticide in Food Chains; Pollution Effects -see Water; Residues in Foods; ...4.0064

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg. Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Cotoran; Leaching; Msma; Pesticide Degradation -see Deg. Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0088

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -nonspecific; Surfactants - Wetting Agents; ...4.0093

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Drift; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Gas Chromatography; Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

TRANSLOCATION OF PESTICIDES FROM CRANBERRY BOGS TO THEIR SURROUNDINGS ...Aquatic Soils; Ericaceae; Pesticide Residues; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutants - Path of; ...4.0124

RELATIONSHIP OF PESTICIDES IN SOIL, WATER AND PLANTS ...Contamination - Soil; Herbicides -nonspecific; Invertebrates -nonspecific; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Microbiology; Water Pollutants - Path of; ...4.0126

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Heptachlor; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Climates -general; Environment Accumulation Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...4.0155

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

PERSISTENCE AND MODES OF HERBICIDE DISSIPATION UNDER RANGELAND CONDITIONS ...Bioassay; Herbicides - nonspecific; Pesticide Movement in Soils; Pesticide Persistance in Soils; Pesticide Rates -general; Pesticide Residues; ...4.0183

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playa; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

IDENTIFICATION AND DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND RUNOFF AND DRAINAGE WATERS ...Chemical Analysis; Pesticide Residues; Pesticides - see Pesticide; Water Pollutant Identification; ...4.0199

RESPONSE OF PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Amino Triazole; Dalapon; Environment Accumulation Rates; Pesticide Evaluation; Pesticide Residues; Riparian Plants; TCA; ...4.0393

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Panicum -other; Pesticide Action on Plants; Pesticide Phytotoxicity; Petroleum Cpds -nonspecific; Soil Tillage; Zea Mays - Field Corn; ...4.0445

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Aeration (water); Degradation; Formulations -nonspecific; Herbicides -nonspecific; Metabolites From Pesticides; Pesticides -see Pesticide; Sediments; ...4.0518

EFFECT OF MOSQUITO CONTROL CHEMICALS ON AQUATIC FAUNA ...Abate; Biological Effects; Irrigation; Oryzeae; Pesticide Evaluation; Pesticides -see Pesticide; ...4.0539

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; Pesticides -nonspecific; Plant Freshwater Ecology; Temperature (water); Water Quality -general; ...4.0716

POND ECOLOGY AND PRODUCTION AS AFFECTED BY SIMAZINE ...Animal Productivity; Invertebrates -nonspecific; Pesticide Action on Animals; Simazine; ...4.0720

EFFECTS OF INSECTICIDES ON ACTIVITY OF SOIL INHABITING INSECTS ...Insecticides -nonspecific; Insects - Beneficial; Pesticide Movement in Soils; Pesticide Persistance in Soils; Soil Microbiology; ...4.0742

ENVIRONMENTAL TOXICOLOGY OF PESTICIDES ...Air Pollution; Contamination - Water; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Residues in Foods; ...4.0822

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Estuaries; Marine Animals; Pesticide Action on Animals; Pesticide Toxicity in Animals; Physical Models; Pollution Effects -see Water; Sevin; ...4.0825

INSECTICIDES AND EGG-SHELL DEPOSITION ...Annelida; Birds, DDT; Endangered Species; Fish; Lake Michigan; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0913

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Paraoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Dichloroaniline; Enzymes; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Propanil; ...4.0966

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PESTICIDE MANUFACTURING WASTES ...Bibliography; Canada; Contamination - Water; Literature Search; Pesticide Industry; Pesticides; Pesticides -see Pesticide; ...4.0986

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...4.1055

PREPARATION OF CHLORINE-36 LABELED ORGANOCHLORINE PESTICIDES AND RELATED COMPOUNDS (PCB'S) ...Chemical Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Radioisotopes; ...4.1057

ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Chlorinated Hydrocarbons; Metabolites From Pesticides; Organophosphorous Cpds.; Pesticide Residues; Pesticides -see Pesticide; ...4.1063

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Ciodrin; DDT; Ericaceae; Gardona; Metabolites From Pesticides; Pesticide Residue Analysis; Pesticide Residues in Foods; Plant Growth Regulators -ns.; ...4.1076

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Dichlobenil; Groundwater; Pesticide Legal Aspects; Pesticide Persistance in Soils; Soil Chemical Properties; Terbacil; Water Pollutants - Path of; ...4.1091

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

INTERFERING SOIL CONSTITUENTS IN DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND WATER ...Agricultural Runoff; Chemical Analysis; Pesticides -nonspecific; Pesticides -see Pesticide; Soil Chemical Properties; Soil Types -also See Specifics; ...4.1131

Pesticide Degradation -see Deg

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Erosion; Oregon; Pesticides -see Pesticide; Soil Chemical Properties; Surface Active-other; Water Pollutants - Path of; ...2.0330

INTERACTION OF RADIO-LABELLED BIOCIDES AND HEAVY METALS WITH MICROBIAL ECOSYSTEMS ...Activated Sludge; Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Microorganisms -nonspecific; Pesticides -nonspecific; Radioisotopes -nonspecific; Waste Water Treatment -general; ...2.0666

THE INFLUENCE OF SOILS ON POLLUTION ...Adsorption; Drainage; Nutrients; Pesticides -nonspecific; Soil Fertility; Waste Disposal on Soils; Water Pollutants - Path of; ...3.1046

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; D, 2,4-; Dichlobenil; Haloragaceae; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Simazine; ...4.[illegible]

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

CONSTRUCTION OF PESTICIDES DEGRADABLE BY NORMAL MICROFLORA OF NATURAL WATERS AND SOILS ...Biodegradation-see Degradation; Degradation -see Pesticide Deg; Microorganism-see Cell. Catab.; Pesticide Action on Animals; Pesticides -see Pesticide; ...4.0030

DISPOSING OF SURPLUS PESTICIDES AND PESTICIDE CONTAINERS ...Chemical Degradation; Disposal; Herbicides -nonspecific; Insecticides -nonspecific; Nematocides -nonspecific; Pesticide Residues Removal; Waste Type; ...4.0046

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

INTERACTIONS OF SOIL MICROORGANISMS AND HERBICIDES ...Cellular Catabolism-see Degrad; Diquat; Paraquat; Rhizoctonia; Soil Microbiology; Trifluralin; ...4.0077

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Metabolites From Pesti-

cides; Pesticide Application Rates; Pesticide Toxicity to Microorg; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Colorno; Leaching; Mass; Pesticide Persistence in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

INFLUENCE OF SELECTED HERBICIDES ON THE NATURAL PROCESSES OF SOIL MICROORGANISMS ...Atrazine; Loam -see Soil Types; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil Microbiology; ...4.0080

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon; Mathematical Analysis; Mathematical Models; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0081

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Aroclor; DDT; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticides -see Pesticide; Radioisotopes -nonspecific; Soil Chemical Properties; Soil Organic Content; ...4.0087

FATE AND EFFICACY OF SOIL FUNGICIDES ...Fungicides -nonspecific; Plant Pathogenetic Fungi; Soil Fungi -nonspecific; ...4.0089

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Nematoda; Pesticide Movement in Soils; Soil Chemical Properties; Soil Microbiology; ...4.0091

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0096

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Endrin; Leaching; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain; Soil Chemical Properties; Soil Depth; Trifluralin; ...4.0099

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality - general; ...4.0100

HERBICIDE EQUILIBRIA OF LATOSOLIC SOIL ...Atrazine; Hawaii; Microorganism-see Cell. Catab.; Pesticide Interaction With Env; Soil Chemical Properties; ...4.0101

MICROBIOLOGY AND BIOCHEMISTRY OF PESTICIDES IN SOIL ...Actinomycetes -nonspecific; Azobenzene; Cipc; Fusarium; Propanil; Soil Microbiology; ...4.0117

RELATIONSHIP OF PESTICIDES IN SOIL, WATER AND PLANTS ...Contamination - Soil; Herbicides -nonspecific; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Microbiology; Water Pollutants - Path of; ...4.0126

CHEMICAL AND PHYSICAL PROPERTIES OF ORGANIC MATTER OF MICHIGAN SOILS ...DDT; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil Chemical Properties; Soil Organic Content; Soil Tillage; Soil Types -also See Specifics; ...4.0128

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Insecticides -nonspecific; Soil Microbiology; Urea Cpds. -nonspecific; ...4.0134

EFFECT OF PESTICIDE USAGE ON SOIL MICROFLORA IN AGRONOMIC AND HORTICULTURAL CROPS ...Microorganisms -nonspecific; Pesticide Evaluation; Pesticide Toxicity to Microorg; Pesticides -nonspecific; Soil Microbiology; ...4.0135

PERSISTENCE AND DETOXIFICATION OF HERBICIDES IN SOIL ...Climates -general; Pesticide Persistance in Soils; Soil Aeration; Soil pH; ...4.0136

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Carbon; Chemical Analysis; Growth Substances; Metabolism of Algacides; Plant Growth Regulators -ns-; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

THE INTERACTION OF MICROORGANISMS AND PESTICIDES ...Cellular Catabolism-see Degrad; Fungicides -nonspecific; Herbicides -nonspecific; Microorganism-see Cell. Catab.; Pesticide Interaction -gen.; Soil Fungi -nonspecific; Soil Microbiology; ...4.0140

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

CHEMICAL RESEARCH ON INSECTICIDES AND THEIR FORMULATIONS ...Abate; Animal Pests; Carriers -non-liquid; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Residue Analysis; Plant; ...4.0146

THE ROLE OF MICROFLORA IN THE PERSISTENCE AND DECOMPOSITION OF PESTICIDE RESIDUES ...Biodegradation-see Degradation; Chlorine; Degradation; Microorganism-see Cell. Catab.; Pesticide Phytotoxicity; ...4.0151

INTERACTION OF HERBICIDES AND SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Degradation -see Pesticide Deg; Microorganisms -nonspecific; Pesticide Persistence in Soils; Pesticide Residues Removal; Soil Aeration; Soil Microbiology; ...4.0153

PLANT RESPONSE TO ORGANIC CHEMICALS IN THE ROOT ENVIRONMENT ...Absorption (incl. Adsorption); Amiben; Cellular Catabolism-see Degrad; Dicamba; Metagenesis -nonspecific; Plant Resistance; ...4.0154

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Medicago; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Phytotoxicity; Pyridines Na; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

PESTICIDE DETOXICATION MECHANISMS OF MICROORGANISMS IN SOIL AND WATER ...Bacterial Identification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Maloran; Sevin; Soil Fungi -nonspecific; Soil Microbiology; ...4.0166

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Gossypium; Metabolites From Pesticides; Pesticide Movement in Soils; Pesticide Phytotoxicity; Piedmont Province; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0174

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

DISPOSITION OF PESTICIDES IN THE SOIL ...Avena Sativa; Granules; Capsules; Medicago; Plant Residues; Humus; Compost; Soil Microbiology; Yeasts -nonspecific; ...4.0178

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Dieldrin; Heptachlor; Petroleum Cpds. -nonspecific; ...4.0179

METABOLITES OF ENDRIN IN SOILS & CROPS ...Chemical Analysis; Chlordan; Dieldrin; Endrin; Heptachlor; Metabolites From Pesticides; Plant; ...4.0180

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

DEGRADATION OF ORGANOPHOSPHORUS INSECTICIDES IN SOILS ...Malathion; Organophosphorous Cpds.; Pesticide Persistance in Soils; Soil Microbiology; Soil pH; Thimet; ...4.0194

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

MICROBIAL DEGRADATION OF PESTICIDES ...Bacilli -nonspecific; Cyclodiene Cpds. -nonspecific; Dieldrin; Microorganism-see Cell. Catab.; Pesticide Persistance in Soils; Pseudomonas; ...4.0198

CHEMISTRY OF NEMATODES AND NEMATOCIDES ...Invertebrate Physiology; Nematoda; Pathological Physiology; Soil Microbiology; ...4.0229

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdeo; Chemical Analysis; Citrus; D, 2,4-; Gel Chromatography; Nco; Pesticide Residues; Vernolate; ...4.0237

FACTORS AFFECTING THE TOXICITY AND SELECTIVITY OF PRE-EMERGENCE SOIL HERBICIDES ...Anaerobic Bacteria; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Pesticide Residues Removal; Pyrazon; Soil Fungi -nonspecific; Soil Types -also See Specifics; ...4.0247

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Degradation; Pesticide Residue Analysis; Pesticide Toxicity -general; Pesticide Toxicity in Animals; Pesticides -nonspecific; ...4.0268

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

PESTICIDE RESIDUE METABOLITES ...Cariaceae; Herbicides and Other Chem; Microorganisms -nonspecific; Organophosphorous Cpds.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0299

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF SELECTIVITY OF HERBICIDES ...Absorption (incl. Adsorption); Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Movement in Soils; Physiological Resistance; Translocation; ...4.0345

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Rates -general; Plant; Residues in Foods; Vegetables; ...4.0348

ECOLOGY AND METABOLISM OF PESTICIDES BY SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Microorganism-see Cell. Catab.; Microorganisms -nonspecific; Soil Microbiology; ...4.0365

MICROBIAL DEGRADATION OF HERBICIDES ...Herbicides -nonspecific; Microorganisms -nonspecific; Soil Microbiology; ...4.0378

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Agropyron; Cyperaceae; Dalapon; Medicago; Pesticide Interaction With Env; Pesticide Residues; 2,4-db; ...4.0419

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Foods; Plant; Solanum; ...4.0435

EPOXIDATION OF CYCLODIENE PESTICIDES BY SOIL BACTERIA ...Cellular Catabolism-see Degrad; Cyclodiene Cpds. -nonspecific; Microorganism-see Cell. Catab.; Pesticide Persistance in Soils; Soil Bacteria; Texas; ...4.0486

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Methyl Bromide; Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

DEGRADATION AND PERSISTENCE OF ALDRIN ...Aldrin; Animal Habitat Studies; Dieldrin; Pesticide in Food Chains; Pesticide Residues; ...4.0746

ACTION MECHANISM OF INSECTICIDAL DERIVATIVES ...Animal; Carbamates -nonspecific; DDT; Fudp -nonspecific; Muridae; Pesticide Action on Animals; Physiological Resistance; ...4.0915

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Fomes; Helminthosporium; Pesticide Evaluation; Pythium; Rhizosphere; Soil Microbiology; Soil pH; ...4.0923

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Parasoxon; Pesticide Action on Plants; Pesticide Persistance in Soils; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

REDUCTION OF HERBICIDE RESIDUES ...Adjuvants; Granules; Capsules; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -other; ...4.0977

INSECTICIDAL RESIDUES ...Carbon; Diazinon; Malicage; Methoxychlor; Pesticide Application Rates; Pesticide Persistance in Soils; Plant; Soil Microbiology; ...4.0985

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Degradation; Insecticides -nonspecific; Pesticide Residues; Pesticides -nonspecific; Texas; ...4.0988

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1036

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC. IN SOILS ...Antibiotics -nonspecific; Benzoic Acid Cpds.; Herbicides -nonspecific; Loam -see Soil Types; Microorganisms -nonspecific; Nitrosomonas -nonspecific; Pesticide Persistance in Soils; Plant Residues, Humus, Compost; Soil Microbiology; ...4.1051

EQUIPMENT AND METHODS FOR DECONTAMINATION AND DISPOSAL OF PESTICIDES AND PESTICIDE CONTAINERS ...Combustion; Formulations -nonspecific; Incineration; Nitrification; Sevin; Waste Water Degradation; ...4.1052

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Aliphatic Carbamates; Chemical Analysis; Disulfoton; Moisture Deficiency; Pesticide in Food Chains; Pesticide Residues; Preventative Measures; Rubus; ...4.1080

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

ANALYTICAL METHODS FOR PESTICIDES AND PESTICIDE DEGRADATION PRODUCTS ...Bee; Degradation -see Pesticide Deg; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Sumithion; ...4.1103

FATE AND PERSISTENCE OF PESTICIDES AND PHYSIOLOGICALLY ACTIVE DEGRADATION PRODUCTS ...Degradation; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -nonspecific; Pesticides -see Pesticide; Physical Degradation; Soil Types -also See Specifics; ...4.1106

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates, Liquids Or Sprays; Pesticide Action on Plants; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

Pesticide Drift

ENGINEERING TECHNOLOGY FOR APPLICATION OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Insecticides -nonspecific; Low Volume; Pesticide Application Rates; Physical Control; ...4.0001

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Computer Methods -general; Gossypium; Herbicides -nonspecific; Insecticides -nonspecific; Liquids Or Sprays; Models of Biological Systems; Pesticide Action on Plants; ...4.0002

PESTICIDE APPLICATION EQUIPMENT IN RELATION TO DRIFT OF PESTICIDES AND PEST CONTROL ...Pesticide Application Equip.; Pesticide Evaluation; Pesticides -nonspecific; ...4.0008

PESTICIDE APPLICATION EQUIPMENT IN RELATION TO DRIFT OF PESTICIDE AND PEST CONTROL ...Cab-o-sil; Dyes -nonspecific; Medicago; Methoxychlor; Nozzles; Pesticide Application Equip.; Pesticide Evaluation; ...4.0009

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Biological Control; Chlorobenzilate; Chlorphenamidine; Economic Losses (or Benefits); Medicago; Pesticide Application Rates; Pesticide Evaluation; Toxaphene; ...4.0010

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution, Aircraft, Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Aerosols -

Smokes, Fogs, Steam; Climates -general; DDE; Endrin; Monitoring Systems; Pesticide Phytotoxicity; Radioisotopes -nonspecific; ...4.0033

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Carriers -non-liquid; Cotoran; Gossypium; Mama; Pesticide Interaction With Env; Thimet; ...4.0035

EVALUATION OF LOW VOLUME CONCENTRATE FORMULATIONS OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Chromatography; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Evaluation; Potted Plants -see Ornamentals; ...4.0045

PRECISE PLACEMENT AND DRIFT CONTROL OF INSECTICIDE AND PESTICIDES WHEN ULTRA-LOW VOLUMES ...Handling & Application; Insecticides -nonspecific; Low Volume; Temperature - Air; ...4.0047

THE OROVADA, NEVADA BASIN ENVIRONMENTAL STUDY ...Air Pollution; Environment Accumulation Rates; Monitoring Systems; Pesticides -nonspecific; ...4.0052

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts; Liquids Or Sprays; Maneb; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

DRIFT CONTROL OF PESTICIDES ...Aerosols - Smokes, Fogs, Steam; Liquids Or Sprays; Pesticide Application Equip.; Pesticides -nonspecific; Spray Devices; ...4.0063

IMPROVED DISTRIBUTION AND PLACEMENT OF CONCENTRATE PESTICIDE MATERIALS ...Air Pollution; Bioindicators; Concentrates; Pesticide Application Equip.; Pesticide Application Rates; Pesticides -nonspecific; ...4.0068

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mepa; Pba; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Ves-438; ...4.0069

EFFECTIVENESS OF WATER-IN-OIL EMULSION SPRAYS FROM THE BIFLUID SYSTEM FOR WOODY PLANTS ...Emulsifiers; Formulations -nonspecific; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Formulation; Prosopis; ...4.0070

INVESTIGATION OF PESTICIDE DRIFT IN THE LOWER RIO GRANDE VALLEY OF TEXAS ...Biological Control; Climates - general; Insects - Beneficial; Population Dynamics -general; ...4.0071

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cyclonite; Equipment; Labiatae; Nematoda; Pesticide Application Equip.; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

APPLICATION PRINCIPLES AND DESIGN REQUIREMENTS FOR WEED CONTROL EQUIPMENT ...Cultural Control; Mulches; Oryzeae; Pesticide Application Equip.; Pesticide Evaluation; Physical Control; Soil Cover Crops; ...4.0222

ECOLOGICAL RECORDS ON ELGIN AFB RESERVATION ...Bactericides -nonspecific; Florida; Liquids Or Sprays; Pesticide Application Equip.; Plant Biomes; ...4.0269

EQUIPMENT FOR IMPROVED CONTROL AND PRECISION OF APPLICATION OF AGRICULTURAL CHEMICALS ...Climates -general; Formulations -nonspecific; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Evaluation; ...4.0370

PESTICIDE RESIDUES ON FORAGE RESULTING FROM DRIFT OF DUSTS APPLIED TO ADJACENT ORCHARDS ...Dusts; Humidity; Pesticide Residues; Rain; Wind -see Air Motion; ...4.0498

THE DEGRADATION OF INSECTICIDES UNDER VERMONT CONDITIONS ...Methyl Parathion; Pesticide Residues; Pesticide Residues in Feeds; Pesticides -other; Tetradifon; ...4.0499

CONTROL OF APPLE INSECT PESTS WITH REDUCED SPRAY SCHEDULES ...Gardona; Liquids Or Sprays; Pesticide Persistance in Soils; Sevin; ...4.0765

RESIDUES OF SELECTED PESTICIDES ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Mammals -nonspecific; Pesticide Residues; Pesticide Volatility; ...4.0924

ANALYTICAL METHODS FOR HERBICIDES AND RESIDUES ...Chemical Analysis; Gas Chromatography; Metabolites From Pesticides; Pesticide Residues; Solvents Or Carriers; Temperature - Air; ...4.1027

DEVELOP METHOD FOR QUANTITATIVELY CHARACTERIZING PESTICIDE DRIFT ...Formulations -nonspecific; Herbicides -nonspecific; High Speed Photography; Insecticides -nonspecific; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Application Equip.; ...4.1116

Pesticide Evaluation

AIR STERILIZATION ...Aerosols - Smokes, Fogs, Steam; Air Purification; Food Contamination; General Sanitation Methods; Microorganism-see Coll. Cateb.; Salmonella -nonspecific & -ot.; Sterilization; ...1.0046

OZONE DAMAGE TO PLANTS ...Bayer 25141; Fruit, Nut, and Berry Crops; Pollutant Resistance; Solanum; Wind -see Air Motion; ...1.0337

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics, Bioindicators; B9; Liquids Or Sprays; Mineral Nutrition; Nicotiana; Pesticides -other; Pollutant Resistance; Zea Mays - Field Corn; ...1.0338

GROWTH SUPPRESSION AND REDUCTION IN REGROWTH POTENTIAL OF AQUATIC WEEDS ...Acrolein; Najadaceae; Pesticide Application Rates; Plant Pollutants; Potamogetonaceae; Submerged Plants; ...2.0071

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

MOSQUITO CONTROL - TIDAL MARSHES ...Chemical Analysis; Land Use Modification Effects; Pesticide Action on Animals; Physical Control; Swamps - Marshes; ...2.0252

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Loam -see Soil Types; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0271

TESTING METHODS FOR EVALUATION OF BOTH EFFECTIVENESS AND TOXICITY TO AQUATIC LIFE OF VARIOUS TREATING MATERIALS ...Adsorption; Chemical Treatment (water); Degradation -see Pesticide Deg; Oil Removal; Pesticide Toxicity -general; Physiological Effects; Surfactants -see Detergents; ...2.0845

STUDIES CONCERNING THE EFFECTIVENESS, STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Biochemical Analysis - Tissues; Disinfectants & Antiseptics Ns; Field Water Purification; Sanitation; Viral Pollutant Sources; ...2.0929

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides -nonspecific; Biological; Coatings -see Materials, Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation; Plastics; Water Distribution Systems; ...2.0977

MICROBIOLOGICAL INVESTIGATIONS ...Algal Pollutant Sources; Construction Materials; Corrosion, Deterioration; Fungal Pollutant Sources; Microorganisms -nonspecific; Taxonomy -plant; Water Pollution Sources; ...2.1511

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

INVESTIGATIONS OF BIOLOGY, ECOLOGY AND CONTROL OF INSECT PESTS OF INDIANA LIVESTOCK ...Feces; Insecticides -nonspecific; Pesticide Interaction With Env; Sus; Zea Mays - Field Corn; ...3.0142

WOOD WASTE REUSE IN CONTROLLED RELEASE PESTICIDES ...Formulations -nonspecific; Pesticide Safety Measures; Pesticides -nonspecific; Plant Waste Removal, Treatment; ...3.0403

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

CONTROL METHODS FOR JUNIPERS, SHRUB LIVE OAK, AND ASSOCIATED WEEDS ...Climates -general; Fenuron, Granules, Capsules; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Plants - Dicotyledons; ...4.0007

PESTICIDE APPLICATION EQUIPMENT IN RELATION TO DRIFT OF PESTICIDES AND PEST CONTROL ...Pesticide Application Equip.; Pesticide Drift; Pesticides -nonspecific; ...4.0008

PESTICIDE APPLICATION EQUIPMENT IN RELATION TO DRIFT OF PESTICIDE AND PEST CONTROL ...Cab-o-sil; Dyes -nonspecific; Medicago; Methoxychlor; Nozzles; Pesticide Application Equip.; Pesticide Drift; ...4.0009

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Biological Control; Chlorobenzilate; Chlorphenamidine; Economic Losses (or Benefits); Medicago; Pesticide Application Rates; Toxaphene; ...4.0010

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticides -nonspecific; Temperature; Wind; ...4.0012

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules; Capsules; Hydrocharitaceae; Lakes; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Carriers -non-liquid; Cotoran; Gossypium; Mums; Pesticide Drift; Pesticide Interaction With Env; Thimet; ...4.0035

A STUDY ON THE FEASIBILITY OF LOW VOLUME APPLICATION OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Emulsifiers; Liquids Or Sprays; Low Volume; Methyl Parathion; Pesticide Application Equip.; Strobane; ...4.0044

EVALUATION OF LOW VOLUME CONCENTRATE FORMULATIONS OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Chromatography; Liquids Or Sprays; Pesticide Application Equip.; Potted Plants -see Ornamentals; ...4.0045

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts; Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

THE RECOVERY AND CHARACTERIZATION OF AGRICULTURAL CHEMICALS FROM SPENT PULP CHLORINATION LIQUORS ...Algacides -nonspecific; Ceratocystis; Insecticides -nonspecific; Penicillium; Phenols; Waste Material Recovery; ...4.0058

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Ves-438; ...4.0069

EFFECTIVENESS OF WATER-IN-OIL EMULSION SPRAYS FROM THE BIFLUID SYSTEM FOR WOODY PLANTS ...Emulsifiers; Formulations -nonspecific; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Drift; Pesticide Formulation; Prosopis; ...4.0070

INVESTIGATION OF PESTICIDE DRIFT IN THE LOWER RIO GRANDE VALLEY OF TEXAS ...Biological Control; Climates - general; Insects - Beneficial; Pesticide Drift; Population Dynamics -general; ...4.0071

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam - see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

ANNUAL WEED CONTROL IN ROW CROPS ...Alachlor; Chenopodiaceae; Liquids Or Sprays; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Tenoran; Vegetables; ...4.0104

SOIL FUMIGANT CHEMICALS AND THEIR EFFECTS ON SOIL MICROFLORA ...Bacteria -nonspecific; Nematoda; Pesticide Phytotoxicity; Plant Pathogenetic Fungi; Soil Depth; Soil Microbiology; Soil Moisture; ...4.0107

ANNUAL AND PERENNIAL WEED CONTROL IN SOROHUM, WINTER WHEAT AND SUMMER FALLOWED LAND ...Atrazine; Chemical Tillage Or Nontillage; Minimum Tillage; Pesticide Persistance in Soils; Sorghum; Tillage, Cropping Systems; ...4.0113

INSECTS INFESTING FIELD AND TRUCK CROPS ...Granules, Capsules; Insecticides -nonspecific; Low Volume; Organophosphorous Cpds.; Soil Microbiology; ...4.0123

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

EFFECT OF PESTICIDE USAGE ON SOIL MICROFLORA IN AGRONOMIC AND HORTICULTURAL CROPS ...Microorganisms -nonspecific; Pesticide Degradation -see Deg; Pesticide Toxicity to Microorg; Pesticides -nonspecific; Soil Microbiology; ...4.0135

PERSISTENCE OF HERBICIDES IN SOILS ...Alanap; Gossypium; Pesticide Persistance in Soils; Pesticides Compatibility; Plant Absorption -other; Root Absorption; Soil pH; Translocation; ...4.0137

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules; Liquids Or Sprays; Mulches; Pesticide Application Equip.; Pesticide Persistance in Soils; Planavin; Tillage, Cropping Systems; Zea Mays - Field Corn; ...4.0138

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

NEMATOCIDES AND POTENTIAL NEMATOCIDAL CHEMICALS RESIDUES IN PLANTS AND DIFFUSION IN SOIL ...Aliphatic Carbamates; Dichloropropene, Nemagon; Nematoda; Pesticide Persistance in Soils; ...4.0145

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Agrios; Baygon; Chlordan; Dieldrin; Pesticide Application Rates; Pesticide Formulation; Pesticide Residues; Plant Phenology; ...4.0150

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

PHYSIOLOGY AND CONTROL OF WITCHWEED IN CORN ...Environment Accumulation Rates; Herbicides -nonspecific; Pesticide Phytotoxicity; Seeds; ...4.0158

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Equipment; Labiatae; Nematoda; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Ves-438; ...4.0172

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0173

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum, Triticum; ...4.0181

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; Water Quality - general; ...4.0192

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticides Compatibility; Translocation; ...4.0196

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

FOREST PRACTICE ALTERNATIVES IN CENTRAL ALABAMA ...Atrazine; D, 2,4-; Economic Feasibility; Forest Management; Liquids Or Sprays; Pinus -nonspecific; Simazine; ...4.0206

INFLUENCE OF HERBICIDES, FUNGICIDES, & INSECTICIDES ON COTTON GERMINATION & SEEDLING VIGOR ...Gossypium; Korax; Pesticide Interaction With Env; Planavin; Soil Microbiology; Temperature - Air; Trifluralin; ...4.0207

CONTROLS FOR MAJOR COTTON DISEASES IN SOUTHEASTERN U. S. INCLUDING RESISTANCE ...Fungal Resistance; Fusarium; Herbicides -nonspecific; Nematode Resistance; Pesticide Phytotoxicity; Verticillium; ...4.0208

APPLE INSECTS ...Acaricides -nonspecific; Arachnida; Insecticides -nonspecific; Liquids Or Sprays; Population Dynamics -general; Taxonomy -animal; ...4.0209

WEED CONTROL IN COTTON AND OTHER AGRONOMIC CROPS UNDER IRRIGATED CONDITIONS ...Cultural Control; Diuron; Pesticide Application Rates; Pesticide Residues; Physical Control; Thimet; ...4.0210

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Diazinon; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Phytotoxicity; Pinolene; Sevin, Thiodan; ...4.0219

DEVELOPMENT OF SAFE & EFFECTIVE MATERIALS FOR MANAGEMENT OF WESTERN FOREST INSECT POPULATIONS ...Aerosols - Smokes, Fogs, Steam; Bioassay; Methomyl; Pesticide Residues; Population Dynamics -general; Translocation; ...4.0220

BIOLOGICAL CONTROL OF HELIOTHIS ZEA ATTACKING COTTON ...Animal Distribution; Biological Control; Methyl Parathion; Population Dynamics -general; ...4.0221

APPLICATION PRINCIPLES AND DESIGN REQUIREMENTS FOR WEED CONTROL EQUIPMENT ...Cultural Control; Mulches; Oryzeae; Pesticide Application Equip.; Pesticide Drift; Physical Control; Soil Cover Crops; ...4.0222

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

CHEMICAL CONTROL OF POST-HARVESTING FRUIT AND VEGETABLE DECAYS OCCURRING IN PACKING HOUSES ...Butylamine; Diplodia; Fruit, Nut, and Berry Crops, Liquids Or Sprays; Pesticide Application Rates; Pesticide Legal Aspects; ...4.0231

DEVELOPMENT OF SYSTEMIC FUNGICIDES FOR VERTICILLIUM WILT CONTROL ...Absorption (incl. Adsorption); Fungicides -nonspecific; Gossypium; Pesticide Phytotoxicity; Translocation; ...4.0232

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals; Furadan; Insects - Beneficial; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

RESPROUTING OF CHAPARRAL ...D, 2,4-; Granules, Capsules; Pesticides -see Pesticide; Plant Phenology; Quercus; T, 2,4,5-; ...4.0234

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Chrysanthemum; Diazinon; Furadan; Lannate; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

LIFE CYCLE, PHYSIOLOGY AND CONTROL OF PERENNIAL WEEDS AFFECTING SUBTROPICAL FRUIT CROPS ...Alachlor; Cynodon; Cyperaceae; Luctuca; Pesticide Action on Plants; Sub - Tropic Regions; ...4.0236

CONTROL OF NEMATODES IN NURSERIES AND ON PLANT MATERIALS ...Aliphatic Carbamates; Methomyl; Nematoda; Pesticides -other; Vine; ...4.0239

REACTIONS OF VEGETABLE CROPS TO APPLIED CHEMICALS, EXCLUSIVE OF NUTRIENTS ...Allium; Cucumis Melo; Dacthal; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0241

CHEMICAL STRUCTURE RELATED TO SYSTEMIC ACTIVITY, METABOLISM, MODE OF ACTION, AND FATE OF CHEMICALS IN COTTON PLANT ...Gossypium; Insecticides -nonspecific; Pesticide Action on Plants; Pesticide Phytotoxicity; ...4.0242

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Benlate; Fungal Physiology; Granules, Capsules; Irrigation; Pesticide Phytotoxicity; Plant Population Dynamics -gen; Thimet; Western U. S.; ...4.0243

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

SUGAR BEET DISEASES ...Amaranthaceae; Cycloate; Pesticide Interaction -gen.; Pyrazon; Tillam; ...4.0245

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Amaranthaceae; Chenopodiaceae; Convolvulaceae; Dicamba; Pesticide Persistance in Soils; Plant Absorption -other; Translocation; ...4.0249

PRODUCTION AND QUALITY OF APPLES IN HIGH DENSITY PLANTINGS USING DWARFING ROOTSTOCKS ...B9, Fruit, Nut, and Berry Crops; Irrigation; Pathological Physiology; Pesticide Phytotoxicity; Phytophthora; Pyrus Malus; ...4.0250

HERBICIDE SCREENING STUDIES ON SUGAR BEETS ...Bioassay; Computer Methods -general; Herbicides -nonspecific; Pesticide Residues; ...4.0251

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Cyclodiene Cpds. -nonspecific; Disulfoton; Dyphonate; Gardona; Methomyl; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

ACTION OF SELECTIVE CHEMICALS ON MICRO-ORGANISMS AND HIGHER PLANTS ...Capsicum; Nematoda; Phaseolus; Temperature - Air; Vegetables; Xanthomonas; ...4.0255

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

BIOLOGY AND CONTROL OF INSECT AND OTHER PESTS OF CUT FLOWERS ...Acaricides -nonspecific; Azodrin; Chrysanthemum; Fungicides -nonspecific; Methomyl; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; ...4.0258

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

BIONOMICS OF THE PLANT NEMATODE TRICHODORUS CHRISTIEI ...Aliphatic Carbamates; Chrysanthemum; Mocap; Ornamentals; Population Dynamics -general; Zinophos; ...4.0260

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Dyphonate; Musaceae; Pesticide Formulation; Pesticide Phytotoxicity; ...4.0261

CHEMICAL CONTROL OF MITES AFFECTING CITRUS ...Acaricides -nonspecific; Arachnida; Citrus; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticides Compatibility; ...4.0262

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Azodrin; Disulfoton; Granules, Capsules; Nemacur P; Pesticides -other; Sulfuric Acide; Zinophos; ...4.0264

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming -vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucur-

bita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides cnonspecific; Pesticide Action on Plants; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. --(1 Or ; Fore ; Kelthane; Ornamentals; Pesticide Phytotoxicity; Rosa; ...4.0271

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming -vegetables; ...4.0272

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 5491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

CHEMICAL CONTROL OF MITES ATTACKING CITRUS ...Acaricides -nonspecific; Arachnida; Citrus; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticides Compatibility; ...4.0276

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vca-438; ...4.0277

PETROLEUM OILS AS CITRUS TREE SPRAYS IN FLORIDA ...Arachnida; Liquids Or Sprays; Pesticide Application Rates; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; ...4.0278

CHEMICAL CONTROL OF SOIL FUNGI, NEMATODES, AND WEEDS AFFECTING WATERMELONS ...Citrullus; Fumigants - nonspecific; Nematoda; Pesticides -other; Pythium; Soil Fungi - nonspecific; ...4.0280

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco cigars; ...4.0281

ABSCISSION OF TREE FRUITS ...Abscission; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Prunus Persica; 3 Cpa; ...4.0283

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

WEED CONTROL IN NURSERY STOCK ...Herbicides -nonspecific; Mulches; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Potted Plants -see Ornamentals; ...4.0286

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Bladex; Convolvulaceae; Grass - nonspecific; Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates; Dieldrin; Disulfoton; Granules, Capsules; Meta - Systox; Ornamentals; Pesticide Action on Plants; Pesticide Interaction With Env; Temporal Distribution; ...4.0289

WEED CONTROL IN PLANT INDUSTRY ...Capsicum; Lycopersicum; Pesticide Residues; Sirmate; Tillam; Vegetables; ...4.0291

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus; Cucumis Sativus; Lycopersicum; Pesticide Residues; Phaseolus; Planavin; Tox; Vegetables; ...4.0292

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

CULTURE AND PHYSIOLOGY OF FLUE-CURED TOBACCO ...Air Pollution-chemistry; Growth Substances; Nicotiana; Pesticide Action on Plants; Pesticides -other; Tillage, Cropping Systems; ...4.0295

THE RELATIONSHIP OF INSECTS TO THE LEAFROLL VIRUS DISEASE OF POTATO ...Aliphatic Carbamates; Biological Control; Granules, Capsules; Pesticide Application Rates; Pesticide Phytotoxicity; Vegetables; ...4.0300

POTENTIAL EFFECTS OF HERBICIDES ON PLANT METABOLITES AND RESIDUES IN CROPS AND SOIL ...Bioassay; Herbicides -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Application Rates; Pesticide Phytotoxicity; Plant; ...4.0301

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; Setaria; ...4.0304

STORED GRAIN INSECT PESTS AND THEIR CONTROL IN UTTAR PRADESH, INDIA ...Climates -general; Foreign Agriculture; Insecticides -nonspecific; Temperature - Air; Zea Mays - Field Corn; ...4.0305

INSECT PESTS OF CUCURBIT CROPS ...Dieldrin; Granules, Capsules; Pesticide Phytotoxicity; Rain; Temperature - Air; ...4.0307

FUNGICIDAL & FUNGISTATIC PROPERTIES OF ANTI-OXIDANTS AND RELATED COMPOUNDS ...Antioxidants -nonspecific; Botrytis; Dusts; Ornamentals; Pesticides -other; Zea Mays - Field Corn; ...4.0310

SUGAR BEET VARIETAL AND HERBICIDE INVESTIGATIONS ...Chenopodiaceae; Disease Resistance; Herbicides -nonspecific; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Residues; Sorghum; ...4.0313

WEED CONTROL INVESTIGATIONS ...Atrazine; Convolvulaceae; Cultural Control; Pesticide Movement in Soils; Picloram; Surfactants - Wetting Agents; Triticum; ...4.0314

WEED CONTROL IN HORTICULTURAL CROPS ...Growth; Pesticide Action on Plants; Pesticide Application Rates; Pesticides -other; Rp 2929; ...4.0316

INVESTIGATIONS OF CEREAL AND FORAGE CROP DISEASES AND THEIR CONTROL ...Avena Sativa; Erysiphe; Plantvax; Sorghum Tilletia; Ustilaginales; ...4.0317

FATE OF MALATHION RESIDUES ON GRAIN SORGHUMS ...Bioassay; Chemical Degradation; Degradation; Malathion; Pesticide Residues; Radioisotopes -nonspecific; Sorghum; ...4.0318

INVESTIGATIONS WITH ORNAMENTAL PLANTS ...Climates - general; Dichlobenil; Kansas; Ornamentals; Pesticide Action on Plants; Pesticide Residues; ...4.0322

FIELD EVALUATION OF HERBICIDES ...Herbicides -nonspecific; Kansas; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Resistance; Sorghum; Triticum; ...4.0324

SOUTHEAST KANSAS EXPERIMENTAL FIELD ...Carya; Drainage; Fruit, Nut, and Berry Crops; Juglans; Ornamentals; Pesticide Residues; Vegetables; ...4.0326

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Bioassay; Liquids Or Sprays; Nicotiana; Pesticide Action on Plants; Plant Resistance; Simazine; Zea Mays - Field Corn; ...4.0327

WEED CONTROL IN HORTICULTURAL CROPS ...Dalapon; Iridaceae; Pesticide Phytotoxicity; Simazine; ...4.0328

FUNDAMENTAL STUDIES ON WEED CONTROL ...Cotoran; Fungicides -nonspecific; Herbicides and Other Chem; Liquids Or Sprays; Pesticides Compatibility; Prometryne; Space Competition; ...4.0331

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Azodrin; Compositae; Ericaceae; Pesticide Application Rates; Pesticide Phytotoxicity; Supracide; Temperature - Air; ...4.0332

INSECTS AFFECTING THE APPLE ...Animal Life History Studies; Biological Control; Guthion; Insect Chemosterilants -ns.; Monitor; Pesticide Phytotoxicity; Torak; ...4.0334

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Alternaria; Concentrates; Ethoxyquin; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pesticide Phytotoxicity; Pyrus Malus; Temperature - Air; ...4.0339

CHEMICAL CONTROL OF ORCHARD INSECTS ...Acaricides - nonspecific; Arachnida; Dusts; Liquids Or Sprays; Pesticide Phytotoxicity; ...4.0343

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Residues; Petroleum Cpds. - nonspecific; Phosvel; Population Dynamics -general; Torak; ...4.0347

BIOLOGICAL ACTIVITY AND MODE OF ACTION OF HERBICIDES USED ON CORN, SOYBEANS, AND TOBACCO ...Carriers -non-liquid; Formulations -nonspecific; Pesticide Action on Plants; Pesticide Persistance in Soils; Pesticide Residues; Trifluralin; ...4.0351

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

INVESTIGATIONS OF ALFALFA INSECTS, THEIR BIOLOGY AND CONTROL ...Animal Life History Studies; Furadan; Pesticide Residues in Feeds; Supracide; ...4.0353

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Bacillus Thuringiensis, Biological Control; Convolvulaceae; Furadan; Liquids Or Sprays; Monitor; Thuricide; ...4.0354

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Euphorbiaceae; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0355

NUTRITION AND ENVIRONMENT OF FLORAL CROPS ...Botrytis; Exotherm; Mineral Nutrition; Ornamentals; Pesticide Phytotoxicity; ...4.0357

DUTCH ELM DISEASE ...Benlate; Biological Control; Fungal Resistance; Ornamentals; Pesticide Residues; ...4.0358

INVESTIGATIONS OF MINT DISEASES ...Benlate; Fumigants -nonspecific; Labiatae; Solanum; Verticillium; ...4.0359

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum -other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

PESTICIDES AND GROWTH REGULATORS FOR FRUIT CROPS ...Acaricides -nonspecific; Concentrates; Economics of Chemical Control; Liquids Or Sprays; Pesticide Phytotoxicity; Prunus Ceracus & P. Avium; Temperature - Air; ...4.0361

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules; Capsules; Lactuca; Lycopersicum; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

WEED CONTROL IN SOYBEANS ...Atrazine; Glycine; Plant Resistance; Tenoran; ...4.0366

NON-TOXIC OIL SPRAYS TO CONTROL LEAF DISEASES OF CROPS ...Chenopodiaceae; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Septoria; ...4.0367

EQUIPMENT FOR IMPROVED CONTROL AND PRECISION OF APPLICATION OF AGRICULTURAL CHEMICALS ...Climates -general; Formulations -nonspecific; Liquids Or Sprays; Pesticide Application Equip; Pesticide Drift; ...4.0370

WEED CONTROL IN SORGHUM ...Bioassay; Herbicides -nonspecific; Pesticide Phytotoxicity; Pesticide Residues; Soil Tillage; Sorghum; ...4.0371

WEED CONTROL IN SOYBEANS ...Bioassay; Glycine; Pesticide Action on Plants; Pesticide Residues; ...4.0372

THE USE OF HERBICIDES FOR WEED CONTROL IN COTTON ...Bioassay; Economics of Chemical Control; Herbicides -nonspecific; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Tillage; ...4.0373

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Gossypium; Herban; Liquids Or Sprays; Planavin; Prometryne; Trifluralin; ...4.0379

THE CONTROL OF WEEDS IN RICE BY THE USE OF HERBICIDES ...Byram; Oryzeae; Pesticides -other; Propanil; ...4.0380

INTERACTION OF COMBINATIONS OF HERBICIDES AND OTHER PESTICIDES IN COTTON PRODUCTION ...Aliphatic Carbamates; Cyclic Organic Cpds -(1 Or ; Diuron ; Malvaceae; Planavin; Trifluralin; ...4.0381

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Azodrin; Dusts; Gc 6506; Granules; Capsules; Hercules 13462; Methomyl; Pesticide Phytotoxicity; Plant Population Dynamics -gen; ...4.0383

STAND ESTABLISHMENT AND SEEDLING DISEASE CONTROL ...Chloroneb; Gossypium; Growth; Plant Pathogenetic Fungi; Planting Methods; Temperature - Air; ...4.0384

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Msma; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

EVALUATION & APPLICATION OF HARVEST-AID CHEMICALS ON COTTON PLANTS IN MECHANICAL HARVESTING ...Abscission; Gossypium; Growth; Organophosphorous Cpds; Pesticide Action on Plants; Pesticide Phytotoxicity; ...4.0386

THE INTERACTION OF HERBICIDES WITH OTHER APPLIED PESTICIDES ...Fungicides -nonspecific; Herbicides -nonspecific; Nematocides -nonspecific; Pesticides Compatibility; ...4.0387

CHEMICAL WEED CONTROL IN COTTON ...Economics of Chemical Control; Gossypium; Herbicides -nonspecific; Pesticide Persistance in Soils; Pesticide Phytotoxicity; ...4.0388

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules; Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

PRINCIPLES AND PRACTICES FOR CONTROL OF JOHNSONGRASS IN SOYBEANS ...Alanap; Diuron; Formulations -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Compaction Or Density; ...4.0391

RESPONSE OF PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Amino Triazole; Dalapon; Environment Accumulation Rates; Pesticide Residues; Riparian Plants; TCA; ...4.0393

IMPROVEMENT OF OIL SEED CROPS THROUGH THE DEVELOPMENT OF SUPERIOR VARIETIES AND CULTURAL METHODS ...Alternaria; Fungal Resistance; Helianthus; Irrigation; Linaceae; Pesticide Application Rates; Planting Methods; ...4.0394

CONTROL OF POTATO PESTS ...Captan; Difolatan; Fore; Fusarium; Pesticide Application Rates; Pesticide Phytotoxicity; Residues in Foods; Solanum; Vegetables; ...4.0396

SURVEY OF NEW COMPOUNDS AND MIXTURES FOR BIOLOGICAL ACTIVITY ...Acer Species; Concentrates; Liquids Or Sprays; Pesticide Safety Measures; Pyrethrum; Sbp 1382; ...4.0397

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

CRANBERRY DISEASES AND THEIR CONTROL ...Benlate; Ferbam; Guignardia; Maneb; Pesticide Application Rates; Pesticide Phytotoxicity; Swamps - Marshes; ...4.0402

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Arthropods; Ethion; Organophosphorous Cpds; Pesticide Residues; Population Dynamics -general; Trithion; ...4.0403

SEASONAL OCCURRENCE AND CONTROL OF THE CORN EARWORM IN THE VALLEY ...Animal Life History Studies, Economics of Chemical Control; Helminthosporium; Pesticide Phytotoxicity; Population Dynamics -general; Vegetables; ...4.0406

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

EVALUATION OF CHEMICAL FORMULATIONS AND ENERGY PROCESSES AS SEED TREATMENTS OF MAJOR CROP PLANTS ...Avena Sativa; Metal Organics -nonspecific; Pesticide Phytotoxicity; Temperature - Air; Triticum; Vitavax; ...4.0410

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Alternaria; Bioassay; Hordeum Vulgare; Myrothecium; Phaseolus; Secale; Vegetables; ...4.0411

CABBAGE MAGGOT AND ITS CONTROL ...Bayer 25141; Dyphonate; Furrowing Or Hilling; Zinophos; ...4.0412

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Chlorphenamidine; Furadan; Guthion; Liquids Or Sprays; Phosalone; Pyrus Malus; UC 34096; ...4.0413

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; D, 2,4-; Diuron; Pesticide Application Rates; Pesticide Formulation; Pesticide Safety Measures; Simazine; Terbacil; Vitaceae; ...4.0415

CURRANT STEM GIRDLER AND CURRANT BORER ...Animal Life History Studies; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pesticide Residues; Population Dynamics -general; Saxifragaceae; ...4.0416

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Application Rates; Pesticide Legal Aspects; Pesticide Residues; Population Dynamics -general; Solvents Or Carriers; Supracide; ...4.0417

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Agropyron; Cyperaceae; Dalapon; Medicago; Pesticide Degradation -see Deg; Pesticide Interaction With Env; Pesticide Residues; 2,4-db; ...4.0419

HERBICIDES FOR VEGETABLES ...Allium; Cucumis Sativus; Fungal Resistance; Plant Resistance; Soil Environment -other; Tok; Virus Resistance; ...4.0420

CONTROL OF ARTHROPOD PESTS OF COTTON ...Animal Resistance; Costa -see Economics Entries; Gossypium; Pesticide Action on Plants; Pesticide Persistance in Soils; Pesticides Compatibility; Toxaphene; ...4.0425

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

DISEASES OF CULTIVATED BLUEBERRIES IN NORTH CAROLINA ...Botryosphaeria; Fruit, Nut, and Berry Crops; Fungicides -nonspecific, Nematoda; Pesticides -other, Temperature - Air; ...4.0428

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT, Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Phytotoxicity, Sevin, TDE; ...4.0429

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance, Chemical Analysis; Dd; Fungal Resistance, Nematoda; Pesticide Residues; Plant Population Dynamics -gen, Terr-o-cide; Vorlex; ...4.0431

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT, Economic Losses (or Benefits); Furadan, Malathion; Oleaceae; Pesticide Phytotoxicity; Population Dynamics -general; Thimet; ...4.0433

BIONOMICS OF THE CEREAL LEAF BEETLE ...Aliphatic Carbamates; Furadan; Insect Resistance; Thimet; Triticum; ...4.0434

WEED CONTROL STUDIES WITH HORTICULTURAL CROPS ...Amino Triazole; Dichlobenil; Paraquat; Pesticide Application Rates; Pesticide Interaction With Env; Soil Environment -other; Vegetables; Zea Mays - Sweet Corn; ...4.0438

INTEGRATED CONTROL OF INSECT AND MITE PESTS OF APPLE ORCHARDS ...Arachnida; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0441

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida; Formetanate; Guthion; Imidan, Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS ...Aliphatic Carbamates; Bacillus Thuringiensis; Chlorphenamidine; Furadan; Methomyl; Pesticide Application Equip.; Pesticide Residues; Thuricide; ...4.0444

SUPPRESSION OF MYCOFLORA AND MYCOTOXINS IN NEWLY COMBINED, PARTIALLY CURED PEANUTS ...Aerosols - Smokes, Fogs, Steam; Arachis; Fungicides -nonspecific; Pesticide Phytotoxicity; Sulfur Dioxide; ...4.0448

THE DISEASES OF TURFGRASSES AND THEIR CONTROL ...Agrostis; Cynodon; Pesticide Phytotoxicity; PMA, TBZ; Thiram; ...4.0449

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

FACTORS INFLUENCING THE EFFECTIVENESS OF HERBICIDES ...Agricultural Runoff; Betulaceae; Diuron; Irrigation; Plant Growth Regulators -ns.; Soil Types -also See Specifics; ...4.0453

IMPROVEMENT OF YIELD AND QUALITY OF HOPS ...Fruit, Nut, and Berry Crops; Fungal Resistance; Moraceae; Pesticide Residues; Storage Changes; Thimet; Verticillium; ...4.0454

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan; Liquids Or Sprays; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone; Prunus Domestica; Residues in Foods; ...4.0455

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF NUT CROPS ...Animal Life History Studies; Arachnida; C-2307; Guthion; Plictran; ...4.0456

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine; Bromus; Diquat; Festuca; Paraquat; Pesticide Persistance in Soils; Prometryne; Terbacil; Trifolium; ...4.0457

DEVELOPMENT OF AERIAL & GROUND TREATMENTS FOR CHEMICAL CONTROL OF BRUSH SPECIES IN FOREST LANDS ...Air Pollution -see Specifics; D, 2,4-; Forest Litter, Duff & Humus; Picloram; ...4.0458

TURFGRASS WEED CONTROL ...Bensulide; Digitaria; Gramineae -other; Pesticide Interaction With Env; Temperature - Air; Turf; ...4.0459

BIOLOGY AND CONTROL OF INSECTS IN DECIDUOUS FORESTS AND CHRISTMAS TREE PLANTATIONS ...Acer Species; Aliphatic Carbamates; Dieldrin; Liquids Or Sprays; Thiodan; ...4.0464

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Ametryn; Cyperaceae; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Formulation; Plant Resistance; Saccharum; Terbacil; ...4.0470

EVALUATION OF HERBICIDES AND THEIR INFLUENCE ON THE PHYSIOLOGY OF VEGETABLE CROPS ...Absorption (incl. Adsorption); Cruciferae; Irrigation; Pesticide Application Rates; Pesticide Phytotoxicity; Respiration; Trifluralin; ...4.0473

BIOLOGY AND CONTROL OF ARTHROPODS ON APPLES ...Acaricides -nonspecific; Animal Life History Studies; Biological Control; Chlorphenamidine; Monitor; Phosalone; ...4.0475

IMPROVEMENTS OF FLUE-CURED TOBACCO BY DEVELOPMENT OF MORE ADEQUATE FERTILIZATION, AND CROPPING SYSTE ...Penar; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; Soil Tillage; Space Competition; Tillage, Cropping Systems; ...4.0476

TOBACCO PLANT BED MANAGEMENT RESEARCH ...Diphenamid; Nematoda; Pesticide Action on Plants; Pesticide Residues; ...4.0477

EVALUATING NEW FUNGICIDES ...Capsicum; Disulfoton; Granules, Capsules, Liquids Or Sprays; Pesticide Phytotoxicity; Rain; Vegetables; ...4.0479

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium, Granules, Capsules; Insecticides - nonspecific; Nematocides -nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales; Verticillium; ...4.0480

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

LABORATORY SCREENING OF INSECT CONTROL MATERIALS, BROWNSVILLE ...Arachnida; Bioassay; Foreign Agriculture; Formulations -nonspecific; Insecticides -nonspecific; Pesticide Phytotoxicity; ...4.0483

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Mecoprop; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0490

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching, Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

INSECTICIDES AS RELATED TO COTTON INSECT CONTROL ...Aliphatic Carbamates; Animal Resistance; Arachnida; Gc 6506; Gossypium; Granules, Capsules; Pesticide Phytotoxicity; ...4.0492

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness, Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Chromatography; Herbicides -nonspecific; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Spectrographic Techniques; Surfactants - Wetting Agents; ...4.0502

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron, Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity, Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium, Botran; Methyl Bromide; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Bioassay; Carbon; IAA; Pesticide Interaction With Env; Pesticide Volatility; Plant Absorption -other; ...4.0508

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

EFFECTS OF HERBICIDES ON TREE FRUITS AND SMALL FRUITS ...Amino Triazole; Fragaria; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticide Safety Measures; ...4.0512

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Environment Accumulation Rates; Linuron; Medicago; Pesticide Application Equip.; Pesticide Residues; T, 2,4,5-; ...4.0513

BIONOMICS OF THE CEREAL LEAF BEETLE ...Animal Life History Studies; Insecticides -nonspecific; Michigan; Pesticide Phytotoxicity; Phalarideae; Soil Moisture; ...4.0514

MACHINES FOR ESTABLISHMENT AND MANAGEMENT OF CROPS AND PASTURE ...Benefin; Eptam; Soil Compaction Or Density; 2,4-db; ...4.0515

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

FERTILITY OF FOREST NURSERY SOILS ...Aluminum; Cold Resistance; Forest Pathology; Maneb; Pesticide Phytotoxicity; Plant Residues; Humus; Compost; Soil Cover Crops; ...4.0517

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Aeration (water); Degradation; Formulations -nonspecific; Herbicides -nonspecific; Metabolites From Pesticides; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; ...4.0518

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl Adsorption); Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Ceracus & P. Avium; Soil Moisture; Translocation; Ulmaceae; ...4.0519

CHEMICAL CONTROL OF PERENNIAL BROADLEAVED WEEDS IN ALFALFA ...Atrazine; Caryophyllaceae; Cruciferae; Medicago; Pesticide Residues; Terbacil; ...4.0520

EVALUATION OF THE EFFECT OF PESTICIDES ON THE LIPID CONTENT OF RUMEN BACTERIA ...Bacterial Population Surveys; Biochemical Analysis - Tissues; Pesticide Toxicity to Microorg; Pesticides -nonspecific; Rumen Bacteria; ...4.0523

HERBICIDAL WEED CONTROL IN ALFALFA IN WYOMING ...Atrazine; Chenopodiaceae; Medicago; Pesticide Residues; Rp-11561; Terbacil; ...4.0524

WEED CONTROL IN SUGAR BEETS ...Amaranthaceae; Chenopodiaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; ...4.0525

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. -(1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Dbee; -2,4-; Fish; Haloragaceae; Paraquat; Pesticide in Food Chains; Ponds; ...4.0529

EFFECT OF MOSQUITO CONTROL CHEMICALS ON AQUATIC FAUNA ...Abate; Biological Effects; Irrigation; Oryzeae; Pesticides -see Pesticide; ...4.0539

REMOVAL OF COMPETING PAMPAS GRASS (CORTADERIA SELLOANA) FROM REDWOOD REFORESTATION AREAS ...D, 2,4-; Gramineae; Mammals -nonspecific; Pesticide Application Rates; Pesticide Formulation; Picea; Sequoia; ...4.0541

INTEGRATED CONTROL OF PEACH INSECT PESTS ...Animal Distribution; Arachnida; Biological Control; Guthion; Population Dynamics -general; ...4.0546

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Biological Control; Birds; Forest Environment -general; Passeriformes; Pesticide in Food Chains; Physical Control; ...4.0549

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Birds; Laboratory Animals; Pesticide Application Rates; Pesticide Formulation; Ponds; ...4.0550

CONTROL METHODS FOR CALIFORNIA GROUND SQUIRRELS ...Antimammal Cpds. -nonspecific; Baits, Lures; Control of Nuisance Species; Laboratory Animals; Sciuridae; ...4.0553

AERIAL DISPERSAL METHODS FOR CONCENTRATED INSECTICIDES ...Concentrates; Insects - Beneficial; Liquids Or Sprays; Oryzeae; Wildlife Toxicity; ...4.0554

BIOLOGY AND CONTROL OF ORANGEWORMS ATTACKING CITRUS, WITH REFERENCE TO ORANGE TORTRIX ...Biological Control; DDT; Insects - Beneficial; Pesticide Application Rates; Pesticide Residues; TDE; ...4.0562

BIOLOGY, ECOLOGY, CONTROL AND BEHAVIOR OF HIPPELATES EYE GNATS ...Baits, Lures; Insect Chemosterilants -ns.; Pesticide Application Rates; Pesticide Persistance in Soils; Sanitation; Soil Moisture; Trithion; ...4.0564

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Diphacin; Fish; Fungicides -nonspecific; Mammals; Metal Organics -nonspecific; Polychlorinated Biphenyl Cpds.; ...4.0566

EFFECTS OF THE CHEMOSTERILANT, TEPA, ON INSECTIVOROUS SONGBIRDS ...Birds; Insect Chemosterilants -ns.; Passeriformes; Population Dynamics -general; Washington; ...4.0576

FIELD TRIALS WITH ANTIFERTILITY AGENTS FOR PREDATOR CONTROL ...Animal Predation; Canidae; Control of Nuisance Species; Impregnated Materials-products; Pesticide Application Rates; Population Dynamics -general; ...4.0577

TOXIC CHEMICALS FOR ALLEVIATING BIRD PROBLEMS ...Anseriformes; Control of Nuisance Species; Laboratory Animals; Passeriformes; Pesticide Action on Animals; Pheasant; ...4.0579

IDENTIFICATION, BIOLOGY AND CONTROL OF INSECTS ATTACKING SWEET CORN ...Animal Life History Studies; Biological Control; Gardona; Methomyl; Parathion; Pesticide Phytotoxicity; Zea Mays - Field Corn; ...4.0585

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Forturf; Fusarium; Morven; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

LABORATORY BIOASSAYS ...Bioassay; Fish; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pesticides -nonspecific; ...4.0595

RELATIONSHIPS BETWEEN SUB-LETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ...Behavior - vertebrate; Cyprinodontidae; DDT -see Pesticides; Fish; Laboratory Animals; Pesticides -nonspecific; Psychology; ...4.0598

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Baytex; Dursban; Imidan; Mcs-600; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.0602

CONTROL METHODS FOR RATS DAMAGING SUGARCANE ...Antimammal Cpds. -nonspecific; Baits, Lures; Control of Nuisance Species; Muridae; Pesticide Safety Measures; ...4.0604

TOXICANTS AND BAITS FOR CONTROLLING NUTRIA IN AGRICULTURAL AREAS ...Antimammal Cpds. -nonspecific; Baits, Lures; Bioassay; Control of Nuisance Species; Laboratory Animals; Rodentia -other; Spawn Or Nesting Sites; ...4.0627

BIONOMICS AND CONTROL OF INSECT PESTS AFFECTING SMALL FRUITS ...Domestic Animals; Guthion; Insect Resistance; Low Volume; Methomyl; Vitaceae; ...4.0673

HERBICIDE STUDIES EMPLOYING IN VITRO CULTURE METHODS ...Alanap; Humidity; Pesticide Action on Plants; Pesticide Formulation; Pesticide Residues; ...4.0683

CONTROL OF INSECT PESTS OF VEGETABLES BY INSECTICIDES AND PLANT RESISTANCE ...Animal Resistance; Chlordan; Insect Resistance; Solanum; Thimet; ...4.0684

CONTROL OF THE IMPORTED FIRE ANT ...Baits, Lures; Pesticide Residues; ...4.0687

BIOLOGY AND CONTROL OF THE HELIOTHIS COMPLEX ON COTTON ...Aliphatic Carbamates; Animal Resistance; Biological Control; DDT; Population Dynamics -general; Toxaphene; ...4.0688

BIOLOGICAL AND INTEGRATED CONTROL OF COTTON INSECTS ...Animal Habitat Studies; Biological Control; Gossypium; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; ...4.0690

EFFECT OF CHEMICALS ON BENEFICIAL INSECTS ...Arachnida; Biological Control; Granules, Capsules; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0692

72-HR THYROIDAL I125 UPTAKE IN IMMATURE CHANNEL CATFISH FOLLOWING EXPOSURE TO 5 DOSES OF SELECTED TOXICANTS (ABBREV.) ...Chlorinated Hydrocarbons; Ictalurus Punctatus; Iodine; Polychlorinated Biphenyl Cpds.; ...4.0700

EFFECT OF PESTICIDES ON INSECT PARASITES AND PREDATORS ...Arachnida; Insecticides -nonspecific; Insects - Beneficial; Pesticide Action on Animals; Pesticides -nonspecific; ...4.0743

FIELD AND LABORATORY INVESTIGATIONS OF INSECTICIDES ...Animal Resistance; Endrin; Pesticide Application Rates; Pesticide Formulation; Residues in Foods; Triticum; ...4.0757

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Guthion; Medicago; Nemacur P; Pesticide Application Rates; Pesticide Residues; Phosvel; Sevin; ...4.0759

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Aquifoliaceae; Ericaceae; Juniperus; Pesticide Action on Plants; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; Simazine; Terbacil; ...4.0761

CONTROL OF APPLE INSECT PESTS WITH REDUCED SPRAY SCHEDULES ...Gardona; Liquids Or Sprays; Pesticide Drift; Pesticide Persistance in Soils; Sevin; ...4.0765

FORAGE INSECT INVESTIGATIONS ...Animal Migration; Insecticides -nonspecific; Lotus; Population Dynamics -general; Trifolium; Zea Mays - Field Corn; ...4.0768

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates; Arachnida; Biological Control; Chlorinated Hydrocarbons; Dimethoate; Meta - Systox; Sevin; ...4.0809

NEW OR IMPROVED TECHNIQUES FOR SAFE CHEMICAL CONTROL OF ECTOPARASITES OF DOMESTIC ANIMALS ...Aerosols - Smokes, Fogs, Steam; Ddvp; Felidae; Impregnated Materials-products; Pesticide Interaction -gen.; ...4.0823

THE BIOLOGY AND CONTROL OF ARTHROPODS AFFECTING MAN AND ANIMALS ...Baytex; Bos; Cythioate; Gardona; Pesticide Action on Animals; Rabbits; Ruelene; ...4.0824

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS IN THE MID-COLUMBIA AREA ...Animal Life History Studies; Arachnida; Biological Control; Imidan; Omite; ...4.0829

PARASITES OF POULTRY, BIOLOGY, DISTRIBUTION AND CONTROL ...Aerosols - Smokes, Fogs, Steam; Arachnida; Chloropropylate; Neo-pynamin; ...4.0841

BIOLOGY AND CONTROL OF ARTHROPODS ON SOYBEANS ...Aliphatic Carbamates; Arachnida; Biological Control; Insect Resistance; Methomyl; Population Dynamics -general; ...4.0843

A STUDY OF THE PESTICIDE RESIDUES AND OF PARASITES IN BIG GAME MAMMALS OF SOUTH DAKOTA ...Animal Pharmacology; Antihelminth; Gastropoda; Ovis; Pesticides -nonspecific; ...4.0846

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN RELATION TO INSECTS AFFECTING LIVESTOCK ...Biodegradation; Chemical Analysis; Domestic Animals; Insecticides -nonspecific; Liquids Or Sprays; Livestock -nonspecific; Pesticide Residues; ...4.0863

SYSTEMIC INSECTICIDE RESEARCH ON MISCELLANEOUS INSECTS AND SPIDER MITES OF COTTON ...Animal Resistance; Azodrin; Fertilizers; Granules, Capsules; Pesticide Action on Plants; Pesticide Formulation; ...4.0864

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...Bidrin; DDT; Economics of Chemical Control; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; Strobane; Toxaphene; ...4.0865

BIOLOGICAL CONTROL AGENTS TO REPLACE OR SUPPLEMENT PESTICIDES TO CONTROL PHYTOPHAGOUS ARTHROPODS ...Biological Control; Furadan; Imidan; Insects - Beneficial; Pest Control Measures; ...4.0878

CONTROL OF MITES AND INSECTS ON FRUIT TREES ...Acaricides -nonspecific; Arachnida; Bioassay; Chlorphenamidine; Omite, Plictran; ...4.0879

BIOLOGY AND CONTROL OF THE ALFALFA WEEVIL ...Animal Life History Studies; Ethyl Parathion; Guthion; Insects - Beneficial; Sevithion; ...4.0880

TOXICOLOGY OF CANDIDATE INSECT CHEMOSTERILANTS OR ATTRACTANTS ...Hempa; Laboratory Animals; Muridae; Pesticide Action on Animals; Tepa; ...4.0888

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticides -other; Plictran; Thimet; ...4.0895

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT AND MITE PESTS OF APPLE ...Acaricides -nonspecific; Arachnida; Biological Control; Gardona; Insects - Beneficial; Phosalone; Torak; ...4.0896

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticides -other; Phosalone; Torak; ...4.0897

CORN EARWORM CONTROL ...Bay 93820; Chlorphenamidine; Methomyl; Pesticide Phytotoxicity; Sevin; Zea Mays - Field Corn; ...4.0898

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

THE EFFECTIVENESS OF MCN-JR-7464 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ...Animal Pharmacology; Fish; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Action on Animals; Pesticide Formulation; Salmo Trutta; Temperature (water); ...4.0906

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Fomes; Helminthosporium; Pythium; Rhizosphere; Soil Microbiology; Soil pH; ...4.0923

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Daucus Species; Dichloropropene; Pesticide Residues; Residues in Foods; ...4.0928

REPELLENT ADDITIVES TO REDUCE PESTICIDE HAZARDS TO HONEY BEES ...Aerosols - Smokes, Fogs, Steam; Humidity; Insects - Beneficial; Pesticide Interaction With Env; Temperature - Air; ...4.0931

WEED CONTROL IN FRUIT CROPS, WITH SPECIAL REFERENCE TO APPLE AND PEACH ...Dichlobenil; Economics of Chemical Control; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Prunus Persica; Simazine; ...4.0936

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Competition Among Thallophytes; Gibberella; Gliotoxin; Nematocides -nonspecific; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Soil Microbiology; Viridin; ...4.0945

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

EVALUATION OF PESTICIDE RESIDUE PROBLEM IN MONTANA ...Chlordan; Domestic Animals; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption - other; ...4.0964

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals; Pesticide Interaction With Env; Phenols; Soil pH; Stickers; Thuricide; ...4.0969

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Leaf Analysis; Nematode Resistance; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

CONTROL OF URBAN AND INDUSTRIAL PESTS ...Animal Distribution; Ddvp; Pesticide Safety Measures; Urban Environment; ...4.0971

REDUCTION OF HERBICIDE RESIDUES ...Adjuvants; Granules, Capsules; Pesticide Interaction With Env; Pesticides -other; ...4.0977

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biological Control; Chlorphenamidine; Gardona; Insects - Beneficial; Liquids Or Sprays; Oxthioquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity;

Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; Zea Mays c Field Corn; ...4.0982

NORTHWEST TREE FRUIT INSECTS ...Acaricides -nonspecific; Arachnida; DDT; Insect Resistance; Invertebrate Physiology; Pesticide Action on Animals; Pesticide Residues; Radiation Sources -general; ...4.0993

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganism-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

PHYSIOLOGY OF CITRUS FRUIT ABSCISSION ...Abscission; Citrus; Cycloheximide; Enzymes; Herbicides and Other Chem; Temperature - Air; ...4.1007

CHEMICAL CONTROL OF WEEDS IN NURSERY AND TURF PLANTINGS ...Agropyron; Cyperaceae; Gramineae; Pesticide Action on Plants; Pesticide Persistance in Soils; Plant Phenology; ...4.1012

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Animal Life History Studies; Furadan; Population Dynamics -general; Sevin; ...4.1030

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bux-ten; Disulfoton; Guthion; Monitor; Nicotine; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...4.1036

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPECIES IN COTTON AND OTHER HOST PLANTS ...Aliphatic Carbamates; Animal Resistance; DDT; Insect Resistance; Methyl Parathion; Pesticides -other; Sevin; ...4.1037

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louniana; Monitoring Systems; Oryzeae; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

MISCELLANEOUS CHEMICAL INVESTIGATIONS ...Chemical Analysis; Cirsium; Electrochemistry; Insecticides nonspecific; ...4.1067

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Polyram; Thielaviopsis; ...4.1088

THE CONTROL OF TOBACCO DISEASES BY CULTURAL PRACTICES AND CHEMICALS ...Alternaria; Dd; Fungal Resistance; Nematoda; Peronosporaceae; Phytophthora; ...4.1090

PEPTIDE HYDROLASES IN PESTICIDE METABOLISM BY PLANTS ...Carbamates -nonspecific; Glycine; Herbicides and Other Chem; Pesticide Action on Plants; Plant; Thiocarbamate - nonspecific; Urea Cpds. -nonspecific; ...4.1093

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Chenopodiaceae; Dieldrin; Dimethoate; Insect Resistance; Parathion; Pesticide Residues; Sorghum; Triticum; ...4.1115

NUTRIENT COMPOSITION OF PEANUTS GROWN ON LINDANE TREATED SOIL ...Arachis; Irrigation; Lindane; Residues in Foods; ...4.1121

PREVENTING INSECT DAMAGE TO TOBACCO AND TOBACCO PRODUCTS IN MARKETING CHANNELS ...Bacilli -nonspecific; Nicotiana; Pesticide Toxicity in Animals; Physical Control; Temperature - Air; ...4.1127

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING STONE FRUITS ...Arachnida; Baygon; Liquids Or Sprays; Petroleum Cpds. -nonspecific; Rosaceae; Yeasts -nonspecific; ...4.1128

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Bacillus Thuringiensis; Brassica Species; Chemical Analysis; Gas Chromatography; Pesticide Residues; Soil Contamination -other; Thimet; ...4.1132

STUDY OF THRIPS TABACI, ITS BIOLOGY AND ECOLOGY, A VIRUS VECTOR ON TOBACCO ...Animal Life History Studies; Insect Resistance; Nicotiana; Pesticide Residue Analysis; Phenols; Population Dynamics -general; ...4.1134

EFFECTIVENESS AND EFFICIENCY OF PHYSICAL AND CHEMICAL MUTAGENS ...Chemical Mutagenesis; Hordeum Vulgare; Neutron -see Radiation; Physical Mutagenesis; Radiation Effects -see Rad.; Temperature - Air; ...5.0613

Pesticide Formulation

EFFECT OF COPPER SULFATE ON AQUATIC WEEDS ...Alkalinity (water); Canals; Copper Sulfate; Irrigation; Pesticide Application Rates; Temperature (water); Water Pollution Sources; ...2.0060

DEVELOP IN-HOUSE CAPABILITY IN WATER QUALITY TECHNIQUES FOR ANALYSES OF HEAVY METALS, BACTERIA, AND PESTICIDE RESIDUES ...Bacterial Pollutant Sources; Chemical Analysis (water); Pesticide Residue Analysis; Pesticides -nonspecific; Pesticides -other; Pesticides -see Pesticide; Water Bacteria; ...2.0655

THE BIOASSAY OF WATER POLLUTANTS WITH CULTURED MAMMALIAN CELLS ...Bioassay; Detergents -see Surfactants; Pesticides -nonspecific; Water Pollutant Identification; ...2.0769

CONCENTRATION AND ANALYSIS OF PESTICIDES AND OTHER RECALCITRANT MOLECULES IN WATER SUPPLIES BY ULTRAFILTRATION ...Analysis and Detection; Chemical Analysis (water); Pesticides -see Pesticide; Water Pollutant Identification; ...2.0921

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Aquatic Soils; Dalapon; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Residues; Ponds; Typhaceae; ...4.0006

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Pesticide Toxicity to Microorg; Physical Degradation; Soil Chemical Properties; ...4.0019

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin, DDT; Endrin; Eptam; Filtration; Pesticide Residues Removal; Ponds; Rural Areas; ...4.0034

EVALUATION OF LOW VOLUME CONCENTRATE FORMULATIONS OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Chromatography; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Evaluation; Potted Plants -see Ornamentals; ...4.0045

DEVELOPMENT OF FIELD METHODS IN SAMPLING WATER FOR PESTICIDE ANALYSIS ...Chemical Analysis; Chemical Extraction; Chlorine; Membranes; Pesticides -see Pesticide; Plastics; Water Chemistry; ...4.0049

EQUIPMENT AND PROCEDURES FOR CONTROL OF WEEDS AND BRUSH ...D, 2,4-; Granules, Capsules; Irrigation; Pesticide Application Equip.; Pesticide Interaction With Env; Physical Control; Zea Mays - Field Corn; ...4.0050

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Cotoran; Environment Accumulation Rates; Gossypium; Liquids Or Sprays; Pesticide Movement in Soils; Pesticides -see Pesticide; Rain; Trifluralin; ...4.0061

EFFECTIVENESS OF WATER-IN-OIL EMULSION SPRAYS FROM THE BIFLUID SYSTEM FOR WOODY PLANTS ...Emulsifiers; Formulations -nonspecific; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; Prosopis; ...4.0070

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Fish; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Zea Mays - Field Corn; ...4.0074

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon; Mathematical Analysis; Mathematical Models; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0081

PRELIMINARY EXPLORATORY CITRUS RESEARCH AT CITRUS EXPERIMENT STATION ...Aliphatic Carbamates; Fruit, Nut, and Berry Crops; Literature Search; Pesticide Residues; Soil Depth; ...4.0096

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils, Formulations -nonspecific; Herbicides -nonspecific; Loam - see Soil Types; Organic Soils -see Soils; Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Agritos; Baygon; Chlordan; Dieldrin; Pesticide Application Rates; Pesticide Residues; Plant Phenology; ...4.0150

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritos; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Bioassay; Colloids; Pesticide Persistance in Soils; Pesticide Residues; Plant Tissue Analysis -chem.; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

SOILS, PESTICIDES, AND THE QUALITY OF WATER ...Adsorption; Clay Soils; Pesticides -nonspecific; Sandy Soils -see Soil Type; Soil Thermal Properties; ...4.0187

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Gossypium; Herbicides and Other Chem; Malvaceae; Prometryne; Respiration; Seeds; ...4.0190

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Diazinon; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Adenosine Diphosphate; Cotoran; Glycine; Herbicides and Other Chem; Oligomycin; Pesticide Phytotoxicity; Triazines -nonspecific; ...4.0215

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

SUGAR BEET DISEASES ...Amaranthaceae; Cycloate; Pesticide Evaluation; Pesticide Interaction -gen.; Pyrazon; Tillam; ...4.0245

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Dyphonate; Musaceae; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0261

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Azodrin; Disulfoton; Granules, Capsules; Nemacur P; Pesticide Evaluation; Pesticides -other; Supracide; Zinophos; ...4.0264

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus, Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming - vegetables; ...4.0265

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. --(1 Or ; Fore , Kelthane; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming - vegetables; ...4.0272

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

INSECTS AFFECTING THE APPLE ...Animal Life History Studies; Biological Control; Guthion; Insect Chemosterilants -as.; Monitor; Pesticide Evaluation; Pesticide Phytotoxicity; Torak; ...4.0334

AN INVESTIGATION OF THE EFFECTS OF DDT AND OTHER CHLORINATED HYDROCARBONS ON THE GROWTH OF EURYHALINE MICROALGAE ...Algae -nonspecific; Chlorinated Hydrocarbons; Metabolism of Algacides; Physiological Effects; ...4.0337

CHEMICAL CONTROL OF ORCHARD INSECTS ...Acaricides - nonspecific; Arachnids; Dusts; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0343

PHYSIOLOGY AND BIOCHEMISTRY OF HERBICIDE ACTION, SELECTIVITY, AND DEGRADATION ...Amiben; Bromoxynil; Metabolites From Pesticides; Pesticide Action on Plants; Pesticide Phytotoxicity; Tissue Accumulation Rates; ...4.0363

TOXIC CHEMICALS IN PLANTS AND THEIR RESIDUAL EFFECTS ...Amiben; Carotenoid Pigments; Growth Substances; Iridaceae; ...4.0368

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Herbicides and Other Chem; Picloram; Plant Succession; ...4.0395

EVALUATION OF CHEMICAL FORMULATIONS AND ENERGY PROCESSES AS SEED TREATMENTS OF MAJOR CROP PLANTS ...Avena Sativa; Metal Organics -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Temperati[illegible] Triticum; Vitavax; ...4.0410

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; D, 2,4-; Diuron; Pesticide Application Rates; Pesticide Safety Measures; Simazine; Terbacil; Vitaceae; ...4.0415

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0429

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Panicum -other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Tillage; Zea Mays - Field Corp; ...4.0445

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Ametryn; Cyperaceae; Pesticide Action on Plants; Pesticide Application Rates; Plant Resistance; Saccharum; Terbacil; ...4.0470

CONTROL OF WEEDS ...Ametryn; Diuron; Pesticide Phytotoxicity; Pesticides -other; Puerto Rico; Saccharum; ...4.0471

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Bioassay; Carbon; IAA; Pesticide Evaluation; Pesticide Interaction With Env; Pesticide Volatility; Plant Absorption -other; ...4.0508

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0509

HERBICIDAL WEED CONTROL IN ALFALFA IN WYOMING ...Atrazine; Chenopodiaceae; Medicago; Pesticide Evaluation; Pesticide Residues; Rp-11561; Terbacil; ...4.0524

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Dbee, -2,4-; Fish; Haloragaceae; Paraquat; Pesticide Evaluation; Pesticide in Food Chains; Ponds; ...4.0529

DETERMINATION OF THE TOXICITY OF TERRAMYCIN TO CATFISHES (REVISED) ...Animal Pharmacology; Ictaluridae; Ictalurus Punctatus; Laboratory Animals; Terramycin; ...4.0540

REMOVAL OF COMPETING PAMPAS GRASS (CORTADERIA SELLOANA) FROM REDWOOD REFORESTATION AREAS ...D, 2,4-; Gramineae; Mammals -nonspecific; Pesticide Application Rates; Picea; Sequoia; ...4.0541

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Birds; Laboratory Animals; Pesticide Application Rates; Ponds; ...4.0550

PHYSIOLOGICAL CONSEQUENCES OF LONG-TERM EXPOSURE TO LOW LEVELS OF TOXICANTS ...DDT; Dieldrin; Environmental Effects - Human; Laboratory Animals; Muridae; Stressors, Physiological; Toxicology; ...4.0559

LIPOLYSIS OF MILK AND OTHER ANIMAL FATS AS INFLUENCED BY PESTICIDE RESIDUES ...DDT; Food Contamination; Parathion; Pesticide Rate- -general; Sevin; ...4.0382

IDENTIFICATION, BIOLOGY AND CONTROL OF INSECTS ATTACKING SWEET CORN ...Animal Life History Studies; Biological Control; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Zea Mays - Field Corn; ...4.0585

RELATIONSHIPS BETWEEN SUB-LETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ...Behavior - vertebrate; Cyprinodontidae; DDT -see Pesticides; Fish; Laboratory Animals; Pesticide Evaluation; Pesticides -nonspecific; Psychology; ...4.0598

RESPONSES OF DAIRY CATTLE FED FEEDSTUFFS CONTAINING RESIDUES OF CERTAIN AGRICULTURAL CHEMICALS ...Baytex; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0601

DIELDRIN BUILD-UP AND DISSIPATION RATE IN FATTY TISSUES OF BEEF CATTLE FED DIFFERENT LEVELS OF ALDRIN ...Aldrin; DDT; Laboratory Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; ...4.0609

EFFECT OF MALATHION AND SEVIN ON REPRODUCTIVE PERFORMANCE OF THE HEN ...Birds; Developmental Physiology; Gallus Domesticus; Malathion; Pesticide Residues in Feeds; Sevin; ...4.0640

OXIDATIVE DEALKYLATION OF INSECTICIDES ...Bidrin; Chlorine; Laboratory Animals; Muridae; ...4.0650

FUR ANIMAL STUDIES (MINK) ...Chemical Analysis; DDT; Domestic Animals; Muridae; Mustelidae; Pesticide Residues Removal; TDE; ...4.0664

EFFECTS OF PHYSIOLOGICAL ENVIRONMENT ON CELLULAR HOMEOSTASIS, PROTEIN METABOLISM AND NUTRITION ...Cellular Biosynthesis; Cellular Metabolism - Controls; Dieldrin; Laboratory Animals; Muridae; Pesticide Action on Animals; ...4.0665

PESTICIDE METABOLISM IN BEEF CATTLE ...Bos; Lindane; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues; Pesticide Residues in Feeds; Ruelene; ...4.0670

THE UPTAKE OF INSECTICIDES BY FRESHWATER MUSSELS AND THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF INSECTICIDES ON THESE MUSSELS ...Contamination - Water; Fresh Water; Insecticides -nonspecific; Invertebrate Physiology; Mollusca; Pesticide Action on Animals; ...4.0676

THE EFFECTS OF METHOXYCHLOR ON PERCH AND FATHEAD MINNOWS ...Aquatic Ecology - Animal; Bioassay; Minnows; Pesticide Action on Animals; Stocking of Fish & Shellfish; ...4.0678

HERBICIDE STUDIES EMPLOYING IN VITRO CULTURE METHODS ...Alanap; Humidity; Pesticide Action on Plants; Pesticide Residues; ...4.0683

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Laboratory Animals; Pesticide Action on Animals; Pesticides -nonspecific; Plant Freshwater Ecology; Temperature (water); Water Quality -general; ...4.0716

UPTAKE AND METABOLISM BY FISH OF 2,4-D DIMETHYL AMINE SALT ...Carbon, D, 2,4-; Ictalurus Punctatus; Salmo Gairdneri; ...4.0730

INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Bioassays; Ddvp; Minnows; Pesticide Action on Animals; Physiological Resistance; Poeciliid; ...4.0732

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Aldrin; Animal Resistance; Cladocera; DDT; Invertebrate Physiology; Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -see Pesticide; ...4.0734

PESTICIDE-WILDLIFE RELATIONSHIPS - REPRODUCTION, GROWTH, AND PHYSIOLOGY OF DEER FED DIELDRIN CONTAMINATED DIETS ...Deer -nonspecific; Dieldrin -see Pesticides; Laboratory Animals; Pesticide Tolerance Rate; Tissue Accumulation Rates; ...4.0744

EFFECTS OF A PESTICIDE ON REPRODUCTION OF CONFINED COTTONTAILS ...Captive Rearing; Mammals; Pesticide Action on Animals; Population Dynamics -general; ...4.0747

FIELD AND LABORATORY INVESTIGATIONS OF INSECTICIDES ...Animal Resistance; Endrin; Pesticide Application Rates; Residues in Foods; Triticum; ...4.0757

TOXICITY AND CARCINOGENICITY OF DIPHENYLAMINE TO MICE ...Diphenylamine; Laboratory Animals; Muridae; Pyrus Malus; Residues in Foods; ...4.0763

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Aldrin; Dieldrin; Ictaluridae; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...4.0807

NEW OR IMPROVED TECHNIQUES FOR SAFE CHEMICAL CONTROL OF ECTOPARASITES OF DOMESTIC ANIMALS ...Aerosols - Smokes, Fogs, Steam; Ddvp; Felidae; Impregnated Materials-products; Pesticide Evaluation; Pesticide Interaction - see; ...4.0823

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

RELATIONSHIPS OF PESTICIDE APPLICATION TO PESTICIDE RESIDUES IN WILDLIFE ...Behavior -vertebrate; DDE; Experimental Teratology; Pesticide Action on Animals; Pheasant; Tissue Accumulation Rates; ...4.0827

SELECTIVITY AND MODE OF ACTION OF HERBICIDAL CHEMICALS ...Atrazine; D, 2,4-; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Absorption -other; ...4.0834

RELATIONSHIP OF INSECTICIDES TO PHEASANTS IN SOUTH DAKOTA ...Aldrin; Birds; Dieldrin; Pathology; Tissue Accumulation Rates; ...4.0847

SYSTEMIC INSECTICIDE RESEARCH ON MISCELLANEOUS INSECTS AND SPIDER MITES OF COTTON ...Animal Resistance; Azodrin; Fertilizers; Granules; Capsules; Pesticide Action on Plants; ...4.0864

TOXIC EFFECTS OF AGRICULTURAL CHEMICALS ON REPRODUCTION IN ANIMALS ...Chemical Mutagenesis; Experimental Teratology; Lethal Mutation; Mammals -nonspecific; Pesticides -nonspecific; ...4.0867

RESIDUES OF FISH CONTROL AGENTS - FLUOROMETRY, THIN LAYER AND GAS CHROMATOGRAPHY FOR ANALYSIS OF QUINALDINE RESIDUES IN FISH (ABBREV) ...Animal Pharmacology; Centrarchidae; Ictaluridae; Lepomis Macrochirus; Pesticide Residues; Piscicides -nonspecific; Quinaldine; ...4.0905

THE EFFECTIVENESS OF MCN-JR-7464 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ...Animal Pharmacology; Fish; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Action on Animals; Salmo Trutta; Temperature (water); ...4.0906

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; Gallus Domesticus; Medicago; Pesticide Residues; Tissue Accumulation Rates; ...4.0959

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

REDUCTION OF HERBICIDE RESIDUES ...Adjuvants; Granules; Capsules; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -other; ...4.0977

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination - other; Urine; ...4.0987

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

CHEMICAL CONTROL OF WEEDS IN NURSERY AND TURF PLANTINGS ...Agropyron; Cyperaceae; Gramineae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Phenology; ...4.1012

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Insecticides -nonspecific; Pesticide Absorption Rates; Pesticide Phytotoxicity; Pesticide Residues; Pesticide Toxicity - general; Plant; Plant Resistance; ...4.1079

METABOLITE FORMATION IN METABOLISM OF TRIAZINE HERBICIDES BY THE ANIMAL ...Animal; Capra; Metabolites From Pesticides; Ovis; Prometone; Radioisotopes -nonspecific; ...4.1096

PESTICIDE ANALYSIS, COLLEGE STATION ...Aliphatic Carbamates; Gc 6506; Muridae; Pesticide Phytotoxicity; Pesticide Residues; Thin Layer Chromatography; ...4.1122

Pesticide Formulation-physical

Aerosols - Smokes, Fogs, Steam

AIR STERILIZATION ...Air Purification; Food Contamination; General Sanitation Methods; Microorganism-see Cell. Catab.; Salmonella -nonspecific & -ot.; Sterilization; ...1.0066

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Climates - general; DDF; Endrin; Monitoring Systems; Pesticide Phytotoxicity; Radioisotopes -nonspecific; ...4.0033

DRIFT CONTROL OF PESTICIDES ...Liquids Or Sprays; Pesticide Application Equip.; Pesticides -nonspecific; Spray Devices; ...4.0063

DEVELOPMENT OF SAFE & EFFECTIVE MATERIALS FOR MANAGEMENT OF WESTERN FOREST INSECT POPULATIONS ...Bioassay; Methomyl; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Translocation; ...4.0220

SUPPRESSION OF MYCOFLORA AND MYCOTOXINS IN NEWLY COMBINED, PARTIALLY CURED PEANUTS ...Arachis; Fungicides -nonspecific; Pesticide Phytotoxicity; Sulfur Dioxide; ...4.0448

NEW OR IMPROVED TECHNIQUES FOR SAFE CHEMICAL CONTROL OF ECTOPARASITES OF DOMESTIC ANIMALS ...Ddvp; Felidae; Impregnated Materials-products; Pesticide Evaluation; Pesticide Interaction -gen.; ...4.0823

PARASITES OF POULTRY, BIOLOGY, DISTRIBUTION AND CONTROL ...Arachnida; Chloropropylate; Neo-pynamin; Pesticide Evaluation; ...4.0841

REPELLENT ADDITIVES TO REDUCE PESTICIDE HAZARDS TO HONEY BEES ...Humidity; Insects - Beneficial; Pesticide Interaction With Env; Temperature - Air; ...4.0931

KIT, OPERATIONS, AERIAL DISPERSAL ...Insecticides -nonspecific; Pesticide Application Equip.; ...4.1078

PESTICIDE RESIDUE ANALYSIS, KERRVILLE ...Arachnida; Ciodrin; Dursban; Lindane; Pesticide Rates -general; Ronnel; ...4.1124

Baits, Lures

CONTROL METHODS FOR CALIFORNIA GROUND SQUIRRELS ...Antimammal Cpds. -nonspecific; Control of Nuisance Species, Laboratory Animals; Pesticide Evaluation; Sciuridae; ...4.0553

BIOLOGY, ECOLOGY, CONTROL AND BEHAVIOR OF HIPPELATES EYE GNATS ...Insect Chemosterilants -ns.; Pesticide Application Rates; Pesticide Evaluation; Pesticide Persistance in Soils; Sanitation; Soil Moisture; Trithion; ...4.0564

FIELD TRIALS WITH ANTIFERTILITY AGENTS FOR PREDATOR CONTROL ...Animal Predation; Canidae; Control of Nuisance Species; Impregnated Materials-products; Pesticide Application Rates; Population Dynamics -general; ...4.0577

CONTROL METHODS FOR RATS DAMAGING SUGARCANE ...Antimammal Cpds. -nonspecific; Control of Nuisance Species; Muridae; Pesticide Evaluation; Pesticide Safety Measures; ...4.0604

TOXICANTS AND BAITS FOR CONTROLLING NUTRIA IN AGRICULTURAL AREAS ...Antimammal Cpds. -nonspecific; Bioassay; Control of Nuisance Species, Laboratory Animals; Pesticide Evaluation; Rodentia -other; Spawn Or Nesting Sites; ...4.0627

CONTROL OF THE IMPORTED FIRE ANT ...Pesticide Evaluation; Pesticide Residues; ...4.0687

A STUDY ON THE CORRELATION BETWEEN INSECT CONTROL AND BEEF PRODUCTION ...Bos; Domestic Animals; Insecticides -nonspecific-, Liquids Or Sprays; Solvents Or Carriers; ...4.0693

DETERMINE THE EFFECTS OF 4-AMINO-PYRIDINE (DRC-1327, AVITROL 200) ON PEN-REARED PHEASANTS ...Avitrol 200; Captive Rearing; Laboratory Animals; Pheasant; ...4.0801

Carriers -non-liquid

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Cotoran; Gossypium; Msma; Pesticide Drift; Pesticide Interaction With Env; Thimet; ...4.0035

CHEMICAL RESEARCH ON INSECTICIDES AND THEIR FORMULATIONS ...Abate; Animal Pests; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Residue Analysis; Plant; ...4.0146

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils - see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

BIOLOGICAL ACTIVITY AND MODE OF ACTION OF HERBICIDES USED ON CORN, SOYBEANS, AND TOBACCO ...Formulations -non-pecific; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Trifluralin; ...4.0351

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Gossypium; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Sandy Soils -see Soil Type; Temperature - Air; ...4.0487

Concentrates

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Diquat; Fish; Granules, Capsules, Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts; Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

IMPROVED DISTRIBUTION AND PLACEMENT OF CONCENTRATE PESTICIDE MATERIALS ...Air Pollution; Bioindicators; Pesticide Application Equip.; Pesticide Application Rates; Pesticide Drift; Pesticides -nonspecific; ...4.0068

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Alternaria; Ethoxyquin; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pesticide Phytotoxicity; Pyrus Malus; Temperature - Air; ...4.0339

CHEMICAL CONTROL OF ORCHARD INSECTS ...Acaricides - nonspecific; Arachnida; Dusts; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0343

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds. -nonspecific; Phosvel; Population Dynamics -general; Torak; ...4.0347

PESTICIDES AND GROWTH REGULATORS FOR FRUIT CROPS ...Acaricides -nonspecific; Economics of Chemical Control; Liquids Or Sprays; Pesticide Phytotoxicity; Prunus Cerasus & P. Avium; Temperature - Air; ...4.0361

SURVEY OF NEW COMPOUNDS AND MIXTURES FOR BIOLOGICAL ACTIVITY ...Acer Species; Liquids Or Sprays; Pesticide Evaluation; Pesticide Safety Measures; Pyrethrum; Sbp 1382; ...4.0397

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl Adsorption); Chemical Analysis; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Lycopersicum; Pesticide Organoleptic Prop.; Radioisotopes -nonspecific; Solanum; Vegetables; ...4.0437

PESTICIDE APPLICATION COSTS AND CHEMICALS FOR PEST CONTROL ON FRUIT ...Acaricides -nonspecific; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Application Rates; Petroleum Cpds. -nonspecific; ...4.0466

AERIAL DISPERSAL METHODS FOR CONCENTRATED INSECTICIDES ...Insects - Beneficial; Liquids Or Sprays; Oryzeae; Pesticide Evaluation; Wildlife Toxicity; ...4.0554

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biological Control; Chlorphenamidine; Gardona; Insects - Beneficial; Liquids Or Sprays; Oxthioquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide

Phytotoxicity, Prometryne, Soil Moisture, Soil pH, Solar Radiation psunshine, Trifluralin, ...4.1109

Dusts

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan, Degradation, Dikar, Liquids Or Sprays, Maneb, Pesticide Drift, Pesticide Phytotoxicity, Pesticides Compatibility, Pyrus Malus, ...4.0055

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies, Biological Control, Diazinon, Granules, Capsules, Lactuca, Liquids Or Sprays, Parathion, Pesticide Evaluation, Pesticide Residues, Thimet, Zea Mays - Sweet Corn, ...4.0213

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants, Chemical Analysis, Dew, Dimethoate, Emulsifiers, Formulations -nonspecific, Lycopersicum, Methyl Parathion, Pesticide Evaluation, Pesticide Phytotoxicity, Pinolene, Sevin, Thiodan, ...4.0219

FUNGICIDAL & FUNGISTATIC PROPERTIES OF ANTI-OXIDANTS AND RELATED COMPOUNDS ...Antioxidants -nonspecific, Botrytis, Ornamentals, Pesticide Evaluation, Pesticides - other, Zea Mays - Field Corn, ...4.0310

CHEMICAL CONTROL OF ORCHARD INSECTS ...Acaricides - nonspecific, Arachnida, Liquids Or Sprays, Pesticide Evaluation, Pesticide Phytotoxicity, ...4.0343

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates, Azodrin, Gc 6506, Granules, Capsules, Hercules 13462, Methomyl, Pesticide Phytotoxicity, Plant Population Dynamics -gen, ...4.0383

CONTROL OF POTATO PESTS ...Captan, Difolaton, Fore, Fusarium, Pesticide Application Rates, Pesticide Phytotoxicity, Residues in Foods, Solanum, Vegetables, ...4.0396

PESTICIDE RESIDUES ON FORAGE RESULTING FROM DRIFT OF DUSTS APPLIED TO ADJACENT ORCHARDS ...Humidity, Pesticide Drift, Pesticide Residues, Rain, Wind -see Air Motion, ...4.0498

RESIDUES OF SELECTED PESTICIDES ...Arid and Desert Regions, DDT, Environment Accumulation Rates, Mammals -nonspecific, Pesticide Drift, Pesticide Residues, Pesticide Volatility, ...4.0924

Emulsifiers

A STUDY ON THE FEASIBILITY OF LOW VOLUME APPLICATION OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay, Liquids Or Sprays, Low Volume, Methyl Parathion, Pesticide Application Equip., Pesticide Evaluation, Strobane, ...4.0044

EFFECTIVENESS OF WATER-IN-OIL EMULSION SPRAYS FROM THE BIFLUID SYSTEM FOR WOODY PLANTS ...Formulations -nonspecific, Liquids Or Sprays, Pesticide Application Equip., Pesticide Drift, Pesticide Evaluation, Pesticide Formulation, Prosopis, ...4.0070

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin, Carbamates -nonspecific, Chlorinated Hydrocarbons, Dieldrin, Environment Accumulation Rates, Handling & Application, Loam -see Soil Types, Pesticide Application Rates, Pesticide Movement in Soils, Sandy Soils -see Soil Type, ...4.0131

PERSISTENCE OF HERBICIDES IN SOILS ...Alanap, Gossypium, Pesticide Persistance in Soils, Pesticides Compatibility, Plant Absorption -other, Root Absorption, Soil pH, Translocation, ...4.0137

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants, Chemical Analysis, Dew, Dimethoate, Formulations -nonspecific, Lycopersicum, Methyl Parathion, Pesticide Evaluation, Pesticide Phytotoxicity, Pinolene, Sevin, Thiodan, ...4.0219

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates, C 9491, Citrus, Furadan, Malathion, Methomyl, Parathion, Pesticide Evaluation, Pesticide Phytotoxicity, Petroleum Cpds. -nonspecific, Supracide, UC 34096, ...4.0274

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates, Dieldrin, Disulfoton, Granules, Capsules, Meta - Systox, Ornamentals, Pesticide Action on Plants, Pesticide Interaction With Env, Temporal Distribution, ...4.0281

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate, Bromodine, Fore, Fusarium, Morven, Ornamentals, Pesticide Application Rates, Phaltan, Preventative Measures, ...4.0586

Fertilizers

USE OF HERBICIDES TO CONTROL WEEDS IN FORAGES ...Benefin, Cipc, Diquat, Medicago, Planavin, Trifluralin, ...4.0350

SYSTEMIC INSECTICIDE RESEARCH ON MISCELLANEOUS INSECTS AND SPIDER MITES OF COTTON ...Animal Resistance, Azodrin, Granules, Capsules, Pesticide Action on Plants, Pesticide Formulation, ...4.0864

Formulations -nonspecific

WOOD WASTE REUSE IN CONTROLLED RELEASE PESTICIDES ...Pesticide Evaluation, Pesticide Safety Measures, Pesticides -nonspecific, Plant Waste Removal, Treatment, ...3.0403

CONSTRUCTION OF PESTICIDES DEGRADABLE BY NORMAL MICROFLORA OF NATURAL WATERS AND SOILS ...Biodegradation-see Degradation, Degradation -see Pesticide Deg, Microorganism-see Coll. Catab., Pesticide Action on Animals, Pesticide Degradation -see Deg, Pesticides -see Pesticide, ...4.0030

EFFECTIVENESS OF WATER-IN-OIL EMULSION SPRAYS FROM THE BIFLUID SYSTEM FOR WOODY PLANTS ...Emulsifiers, Liquids Or Sprays, Pesticide Application Equip., Pesticide Drift, Pesticide Evaluation, Pesticide Formulation, Prosopis, ...4.0070

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin, DDT, Lindane, Percolation (water), Pesticide Movement in Soils, Pesticide Volatility, Radioisotopes -nonspecific, Soil Moisture, Soil Thermal Properties, Water Pollutant Identification, Water Pollutants - Path of, ...4.0086

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils, Herbicides -nonspecific, Loam -see Soil Types, Organic Soils -see Soils, Pesticide Formulation, Pesticide Volatility, Physical Degradation, Sandy Soils -see Soil Type, Soil Microbiology, Soil Organic Content, ...4.0097

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Granules, Capsules, Liquids Or Sprays, Mulches, Pesticide Application Equip., Pesticide Evaluation, Pesticide Persistence in Soils, Planavin, Tillage, Cropping Systems, Zea Mays - Field Corn, ...4.0138

ENCAPSULATION OF INSECTICIDES AND VIRUSES FOR CONTROL OF INSECTS ...Biological Control, Excessive Moisture, Granules, Capsules, Malathion, Pesticide Persistance in Soils, Pesticide Residues, ...4.0160

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants, Chemical Analysis, Dew, Dimethoate, Emulsifiers, Lycopersicum, Methyl Parathion, Pesticide Evaluation, Pesticide Phytotoxicity, Pinolene, Sevin, Thiodan, ...4.0219

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor, Caryophyllaceae, Cdev, Cucurbita, Cyperaceae, Hibiscus, Linuron, Nematocides -nonspecific, Pesticide Action on Plants, Pesticide Evaluation, Polygonaceae, Sandy Soils -see Soil Type, Solanum, Tok, ...4.0270

WEED CONTROL IN PLANT INDUSTRY ...Capsicum, Lycopersicum, Pesticide Evaluation, Pesticide Residues, Simate, Tillam, Vegetables, ...4.0291

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Air Pollution, Bioassay, D, 2,4-, Monitoring Systems, Preventative Measures, ...4.0311

BIOLOGICAL ACTIVITY AND MODE OF ACTION OF HERBICIDES USED ON CORN, SOYBEANS, AND TOBACCO ...Carriers -non-liquid, Pesticide Action on Plants, Pesticide Evaluation, Pesticide Persistance in Soils, Pesticide Residues, Trifluralin, ...4.0351

EQUIPMENT FOR IMPROVED CONTROL AND PRECISION OF APPLICATION OF AGRICULTURAL CHEMICALS ...Climates -general, Liquids Or Sprays, Pesticide Application Equip., Pesticide Drift, Pesticide Evaluation, ...4.0370

PRINCIPLES AND PRACTICES FOR CONTROL OF JOHNSONGRASS IN SOYBEANS ...Alanap, Diuron, Herbicides and Other Chem, Pesticide Action on Plants, Pesticide Phytotoxicity, Soil Compaction Or Density, ...4.0391

LABORATORY SCREENING OF INSECT CONTROL MATERIALS, BROWNSVILLE ...Arachnida, Bioassay, Foreign Agriculture, Insecticides -nonspecific, Pesticide Evaluation, Pesticide Phytotoxicity, ...4.0483

PESTICIDE RESIDUES ON FORAGE RESULTING FROM DRIFT OF DUSTS APPLIED TO ADJACENT ORCHARDS ...Dusts, Humidity, Pesticide Drift, Pesticide Residues, Rain, Wind -see Air Motion, ...4.0498

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Aeration (water); Degradation; Herbicides -nonspecific; Metabolites From Pesticides; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; ...4.0518

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Fortarf; Fusarium; Morven; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

REPELLENT ADDITIVES TO REDUCE PESTICIDE HAZARDS TO HONEY BEES ...Aerosols - Smokes, Fogs, Steam, Humidity; Insects - Beneficial; Pesticide Interaction With Env; Temperature - Air; ...4.0931

INSECT REPELLENT RESEARCH ...Pesticide Toxicity to Humans; Rutgers-612; ...4.0967

CHEMICAL CONTROL OF WEEDS IN NURSERY AND TURF PLANTINGS ...Agropyron; Cyperaceae; Gramineae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Phenology; ...4.1012

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Chemical Analysis; Feces; Metabolites From Pesticides; Pesticide Rates -general; Pesticide Residues; Phanvel; Tissue Accumulation Rates; ...4.1020

EQUIPMENT AND METHODS FOR DECONTAMINATION AND DISPOSAL OF PESTICIDES AND PESTICIDE CONTAINERS ...Combustion; Incineration; Nitrification; Pesticide Degradation - see Deg, Sevin; Waste Water Degradation; ...4.1052

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Cuolin; DDT; Ericaceae; Gardona; Metabolites From Pesticides; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant Growth Regulators -no; ...4.1076

DEVELOP METHOD FOR QUANTITATIVELY CHARACTERIZING PESTICIDE DRIFT ...Herbicides -nonspecific; High Speed Photography; Insecticides -nonspecific; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Application Equip.; Pesticide Drift; ...4.1116

Granules, Capsules

CONTROL METHODS FOR JUNIPERS, SHRUB LIVE OAK, AND ASSOCIATED WEEDS ...Climates -general; Fenuron; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds -nonspecific; Plants - Dicotyledons; ...4.0007

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

EQUIPMENT AND PROCEDURES FOR CONTROL OF WEEDS AND BRUSH ...D, 2,4-; Irrigation; Pesticide Application Equip.; Pesticide Interaction With Env; Physical Control; Zea Mays - Field Corn; ...4.0050

INSECTS INFESTING FIELD AND TRUCK CROPS ...Insecticides -nonspecific; Low Volume; Organophosphorous Cpds.; Pesticide Evaluation; Soil Microbiology; ...4.0125

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Liquids Or Sprays; Mulches; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Tillage; Cropping Systems; Zea Mays - Field Corn; ...4.0138

CHEMICAL RESEARCH ON INSECTICIDES AND THEIR FORMULATIONS ...Abate; Animal Pests; Carriers -non-liquid; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Residue Analysis; Plant; ...4.0146

ENCAPSULATION OF INSECTICIDES AND VIRUSES FOR CONTROL OF INSECTS ...Biological Control; Excessive Moisture; Formulations -nonspecific; Malathion; Pesticide Persistance in Soils; Pesticide Residues; ...4.0160

USE OF FENURON IN CONTROL OF SCRUB OAK ...Fenuron; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Pinus Taeda; Quercus; ...4.0173

DISPOSITION OF PESTICIDES IN THE SOIL ...Avena Sativa; Medicago; Plant Residues; Humus; Compost; Soil Microbiology; Yeasts -nonspecific; ...4.0178

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Diazinon; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

RESPROUTING OF CHAPARRAL ...D, 2,4-; Pesticide Evaluation; Pesticides -see Pesticide; Plant Phenology; Quercus; T, 2,4,5-; ...4.0234

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Benlate; Fungal Physiology; Irrigation; Pesticide Phytotoxicity; Plant Population Dynamics -gen; Thimet; Western U. S.; ...4.0243

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Cyclodiene Cpds. -nonspecific; Disulfoton; Dyphonate; Gardona; Methomyl; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

BIONOMICS OF THE PLANT NEMATODE TRICHODORUS CHRISTIEI ...Aliphatic Carbamates; Chrysanthemum; Mocap; Ornamentals; Pesticide Evaluation; Population Dynamics -general; Zinophos; ...4.0260

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Azodrin; Disulfoton; Nemacur P; Pesticide Evaluation; Pesticides -other; Supracide; Zinophos; ...4.0264

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates; Dieldrin; Disulfoton; Meta - Systox; Ornamentals; Pesticide Action on Plants; Pesticide Interaction With Env; Temporal Distribution; ...4.0289

THE RELATIONSHIP OF INSECTS TO THE LEAFROLL VIRUS DISEASE OF POTATO ...Aliphatic Carbamates; Biological Control; Pesticide Application Rates; Pesticide Phytotoxicity; Vegetables; ...4.0300

INSECT PESTS OF CUCURBIT CROPS ...Dieldrin; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Temperature - Air; ...4.0307

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -non-liquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Bacillus Thuringiensis; Biological Control; Convolvulaceae; Furadan; Liquids Or Sprays; Monitor; Pesticide Evaluation; Thuricide; ...4.0354

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Azodrin; Dusts; Gc 6506; Hercules 13462; Methomyl; Pesticide Phytotoxicity; Plant Population Dynamics -gen; ...4.0383

STAND ESTABLISHMENT AND SEEDLING DISEASE CONTROL ...Chloroneb; Gossypium; Growth; Pesticide Evaluation; Plant Pathogenetic Fungi; Planting Methods; Temperature - Air; ...4.0384

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...4.0418

EVALUATING NEW FUNGICIDES ...Capsicum; Disulfoton; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Vegetables; ...4.0479

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Insecticides -nonspecific; Nematocides -nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales Verticillium; ...4.0480

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

INSECTICIDES AS RELATED TO COTTON INSECT CONTROL ...Aliphatic Carbamates; Animal Resistance; Arachnida; Gc 6506; Gossypium; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0492

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Aquifoliaceae; Conifers; Ornamentals; Pesticide Application Rates; Pinus (other Specifics); Senecio; Soil Types -also See Specifics; Washington; ...4.0010

EFFECT OF CHEMICALS ON BENEFICIAL INSECTS ...Arachnida; Biological Control; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Population Dynamics - general; ...4.0092

SYSTEMIC INSECTICIDE RESEARCH ON MISCELLANEOUS INSECTS AND SPIDER MITES OF COTTON ...Animal Resistance; Azodrin; Fertilizers; Pesticide Action on Plants; Pesticide Formulation; ...4.0064

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agrios; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phorvel; Thimet; ...4.0911

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

REDUCTION OF HERBICIDE RESIDUES ...Adjuvants; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -other; ...4.0977

DDT RESIDUES IN EGGS AND BODY TISSUES OF HENS ...Chemical Analysis; Food Contamination; Pesticide Action on Animals; Pesticide in Food Chains; ...4.1016

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Aliphatic Carbamates; Chemical Analysis; Disulfoton; Moisture Deficiency; Pesticide in Food Chains; Pesticide Residues; Preventative Measures; Rubus; ...4.1080

Impregnated Materials-products

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides -nonspecific; Biological; Coatings -see Materials; Construction Materials; Corrosion; Deterioration; Engineering Structures-general; Irrigation; Pesticide Evaluation; Plastics; Water Distribution Systems; ...2.0977

FIELD TRIALS WITH ANTIFERTILITY AGENTS FOR PREDATOR CONTROL ...Animal Predation; Canidae; Control of Nuisance Species; Pesticide Application Rates; Population Dynamics -general; ...4.0577

NEW OR IMPROVED TECHNIQUES FOR SAFE CHEMICAL CONTROL OF ECTOPARASITES OF DOMESTIC ANIMALS ...Aerosols - Smokes, Fogs, Steam; Ddvp; Felidae; Pesticide Evaluation; Pesticide Interaction -gen; ...4.0823

Liquids Or Sprays

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Bioindicators; B9; Mineral Nutrition; Nicotiana; Pesticide Evaluation; Pesticides -other; Pollutant Resistance; Zea Mays - Field Corn; ...1.0338

ENGINEERING TECHNOLOGY FOR APPLICATION OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Insecticides -nonspecific; Low Volume; Pesticide Application Rates; Physical Control; ...4.0001

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Computer Methods -general; Gossypium; Herbicides -nonspecific; Insecticides -nonspecific; Models of Biological Systems; Pesticide Action on Plants; Pesticide Drift; ...4.0002

CONTROL METHODS FOR JUNIPERS, SHRUB LIVE OAK, AND ASSOCIATED WEEDS ...Climates -general; Femizon; Granules; Capsules; Pesticide Residues; Petroleum Cpds -nonspecific; Plants - Dicotyledons; ...4.0007

A STUDY ON THE FEASIBILITY OF LOW VOLUME APPLICATION OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Emulsifiers; Low Volume; Methyl Parathion; Pesticide Application Equip.; Pesticide Evaluation; Strobane; ...4.0044

EVALUATION OF LOW VOLUME CONCENTRATE FORMULATIONS OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Chromatography; Pesticide Application Equip.; Pesticide Evaluation; Potted Plants -see Ornamentals; ...4.0045

PRECISE PLACEMENT AND DRIFT CONTROL OF INSECTICIDE AND PESTICIDES WHEN ULTRA-LOW VOLUMES ...Handling & Application; Insecticides -nonspecific; Low Volume; Pesticide Drift; Temperature - Air; ...4.0047

EQUIPMENT AND PROCEDURES FOR CONTROL OF WEEDS AND BRUSH ...D, 2,4-; Granules, Capsules; Irrigation; Pesticide Application Equip.; Pesticide Interaction With Env; Physical Control; Zea Mays - Field Corn; ...4.0050

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Cotoran; Environment Accumulation Rates; Gossypium; Pesticide Movement in Soils; Pesticides -see Pesticide; Rain; Trifluralin; ...4.0061

DRIFT CONTROL OF PESTICIDES ...Aerosols - Smokes, Fogs, Steam; Pesticide Application Equip.; Pesticides -nonspecific; Spray Devices; ...4.0063

EFFECTIVENESS OF WATER-IN-OIL EMULSION SPRAYS FROM THE BIFLUID SYSTEM FOR WOODY PLANTS ...Emulsifiers; Formulations -nonspecific; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; Pesticide Formulation; Prosopis; ...4.0070

ANNUAL WEED CONTROL IN ROW CROPS ...Alachlor; Chenopodiaceae; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Tenoran; Vegetables; ...4.0104

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules; Mulches; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Tillage; Cropping Systems; Zea Mays - Field Corn; ...4.0138

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage; Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloute; Equipment; Labiatae; Nematoda; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Dmso; Irrigation; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Gossypium; Herbicides and Other Chem; Malvaceae; Pesticide Formulation; Prometryne; Respiration; Seeds; ...4.0190

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

FOREST PRACTICE ALTERNATIVES IN CENTRAL ALABAMA ...Atrazine; D, 2,4-; Economic Feasibility; Forest Management; Pesticide Evaluation; Pinus -nonspecific; Simazine; ...4.0206

APPLE INSECTS ...Acaricides -nonspecific; Arachnida; Insecticides -nonspecific; Pesticide Evaluation; Population Dynamics -general; Taxonomy -animal; ...4.0209

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Diazinon; Granules, Capsules; Lactuca; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

CHEMICAL CONTROL OF POST-HARVESTING FRUIT AND VEGETABLE DECAYS OCCURRING IN PACKING HOUSES ...Butylamine; Diplodia; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pesticide Legal Aspects; ...4.0231

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals; Furadan; Insects - Beneficial; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils - see Soil Type; S-Janum; Truck Farming -vegetables; ...4.0265

ECOLOGICAL RECORDS ON ELGIN AFB RESERVATION ...Bactericides -nonspecific; Florida; Pesticide Application Equip.; Plant Biomes; ...4.0269

PETROLEUM OILS AS CITRUS TREE SPRAYS IN FLORIDA ...Arachnida; Pesticide Application Rates; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; ...4.0278

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS ...Cips; Dichlobenil; Florida; Fruit, Nut, and Berry Crops; Herbicides -nonspecific; Mineral Nutrition; Pesticide Phytotoxicity; Prunus Persica; Vitaceae; ...4.0279

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterea; Furadan; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates; Dieldrin; Disulfoton, Granules, Capsules; Meta - Systox; Ornamentals; Pesticide Action on Plants; Pesticide Interaction With Env; Temporal Distribution; ...4.0289

PESTICIDE RESIDUE CLEARANCE PROGRAM ...Araceae; Captan; Chemical Analysis; Pentachlorophenol; Pesticide Residues; Residues in Foods; ...4.0297

THE RELATIONSHIP OF INSECTS TO THE LEAFROLL VIRUS DISEASE OF POTATO ...Aliphatic Carbamates; Biological Control; Granules, Capsules; Pesticide Application Rates; Pesticide Phytotoxicity; Vegetables; ...4.0300

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS ...Biomass; Carya; Fruit, Nut, and Berry Crops; Growth Substances; Herbicides and Other Chem; Photosynthesis; Radioisotopes -nonspecific; Tibs; ...4.0315

CYTOGENETIC EFFECTS OF ATRAZINE ON GRAIN SORGHUM ...Atrazine; D, 2,4-; Pesticide Action on Plants; Pesticide Phytotoxicity; Sorghum; ...4.0321

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops -general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Biomass; Nicotiana; Poisonous Action on Plants; Pesticide Evaluation; Plant Resistance; Simazine; Zea Mays - Field Corn; ...4.0327

FUNDAMENTAL STUDIES ON WEED CONTROL ...Cotoran; Fungicides -nonspecific; Herbicides and Other Chem; Pesticide Evaluation; Pesticides Compatibility; Prometryne; Space Competition; ...4.0331

FACTORS INFLUENCING PLANT RESPONSES TO HERBICIDES ...Adjuvants; Biological Control; Herbicides -nonspecific; Pesticide Action on Plants; Pesticide Safety Measures; Plant Absorption -other; ...4.0341

CHEMICAL CONTROL OF ORCHARD INSECTS ...Acaricides -nonspecific; Arachnida; Dusts; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0343

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds. -nonspecific; Phosvel; Population Dynamics -general; Torak; ...4.0347

USE OF HERBICIDES TO CONTROL WEEDS IN FORAGES ...Benefin; Cips; Diquat; Fertilizers; Medicago; Planavin; Trifluralin; ...4.0350

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Biomass; Dacthal; Environment Accumulation Rates; Gramineae; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Bacillus Thuringiensis; Biological Control; Convolvulaceae; Furadan; Monitor; Pesticide Evaluation; Thuricide; ...4.0354

PESTICIDES AND GROWTH REGULATORS FOR FRUIT CROPS ...Acaricides -nonspecific; Concentrates; Economics of Chemical Control; Pesticide Phytotoxicity; Prunus Cerasus & P Avium; Temperature - Air; ...4.0361

NON-TOXIC OIL SPRAYS TO CONTROL LEAF DISEASES OF CROPS ...Chenopodiaceae; Fungicides -nonspecific; Pesticide Action on Plants; Pesticide Phytotoxicity; Septoria; ...4.0367

EQUIPMENT FOR IMPROVED CONTROL AND PRECISION OF APPLICATION OF AGRICULTURAL CHEMICALS ...Climates -general; Formulations -nonspecific; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; ...4.0370

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Gossypium; Herban; Pesticide Evaluation; Planavin; Prometryne; Trifluralin; ...4.0379

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Azodrin; Dusts; Gc 6506; Granules, Capsules; Hercules 13462; Methomyl; Pesticide Phytotoxicity; Plant Population Dynamics -gen; ...4.0383

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

PRINCIPLES AND PRACTICES FOR CONTROL OF JOHNSONGRASS IN SOYBEANS ...Alanap; Diuron; Formulations -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Compaction Or Density; ...4.0391

SURVEY OF NEW COMPOUNDS AND MIXTURES FOR BIOLOGICAL ACTIVITY ...Acer Species; Concentrates; Pesticide Evaluation; Pesticide Safety Measures; Pyrethrum; Sbp 1382; ...4.0397

CRANBERRY DISEASES AND THEIR CONTROL ...Benlate; Ferbam; Guignardia; Maneb; Pesticide Application Rates; Pesticide Phytotoxicity; Swamps - Marshes; ...4.0402

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Chlorphenamidine; Furadan; Guthion; Pesticide Evaluation; Phosalone; Pyrus Malus; UC 34098; ...4.0413

CONTROL OF ORCHARD MITES IN WESTERN NEW YORK ...Acaricl; Arachnida; Demeton; Kelthane; Pcs 1501; Petroleum Cpds. -nonspecific; Tetbium; ...4.0414

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...4.0418

REDUCTION OR ELIMINATION IN COMMERCIAL CHANNELS OF PESTICIDE RESIDUES IN FOODS ...Benlate; Food Contamination; Maneb; Pesticide Residues Removal; Residues in Foods; ...4.0424

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Diker; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS ...Aliphatic Carbamates; Bacillus Thuringiensis; Chlorphenamidine; Furadan; Methomyl; Pesticide Application Equip.; Pesticide Residues; Thuricide; ...4.0444

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone; Prunus Domestica; Residues in Foods; ...4.0455

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF NUT CROPS ...Animal Life History Studies; Arachnida; C-2307; Guthion; Pesticide Evaluation; Plictran; ...4.0456

DEVELOPMENT OF AERIAL & GROUND TREATMENTS FOR CHEMICAL CONTROL OF BRUSH SPECIES IN FOREST LANDS ...Air Pollution -see Specifics; D, 2,4-; Forest Litter, Duff & Humus; Pesticide Evaluation; Picloram; ...4.0458

DEVELOPMENT OF THE EASTERN SPRUCE GALL APHID AND ITS CONTROL ...Animal Life History Studies; Lindane; Pesticide Application Rates; Pesticide Phytotoxicity; Picea; ...4.0463

BIOLOGY AND CONTROL OF INSECTS IN DECIDUOUS FORESTS AND CHRISTMAS TREE PLANTATIONS ...Acer

Species; Aliphatic Carbamates; Dieldrin; Pesticide Evaluation; Thiodan; ...4.0464

PESTICIDE APPLICATION COSTS AND CHEMICALS FOR PEST CONTROL ON FRUIT ...Acaricides -nonspecific; Concentrates; Fungicides -nonspecific; Pesticide Application Rates; Petroleum Cpds. -nonspecific; ...4.0466

BIOLOGY AND CONTROL OF ARTHROPODS ON APPLES ...Acaricides -nonspecific; Animal Life History Studies; Biological Control; Chlorphenamidine; Monitor; Pesticide Evaluation; Phosalone; ...4.0475

EVALUATING NEW FUNGICIDES ...Capsicum; Disulfoton; Granules, Capsules; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Vegetables; ...4.0479

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Granules, Capsules; Insecticides -nonspecific; Nematocides -nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales; Verticillium; ...4.0480

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Cucurbita; Dicamba; Herbicides and Other Chem; Medicago; Pesticide Application Rates; Plant Resistance; Pyrazon; ...4.0495

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Environment Accumulation Rates; Linuron; Medicago; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

REMOVAL OF COMPETING PAMPAS GRASS (CORTADERIA SELLOANA) FROM REDWOOD REFORESTATION AREAS ...D, 2,4-; Gramineae; Mammals -nonspecific; Pesticide Application Rates; Pesticide Formulation; Picea; Sequoia; ...4.0541

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Biological Control; Birds; Forest Environment - general; Passeriformes; Pesticide in Food Chains; Physical Control; ...4.0549

AERIAL DISPERSAL METHODS FOR CONCENTRATED INSECTICIDES ...Concentrates; Insects - Beneficial; Oryzeae; Pesticide Evaluation; Wildlife Toxicity; ...4.0554

BIOLOGY AND CONTROL OF ORANGEWORMS ATTACKING CITRUS, WITH REFERENCE TO ORANGE TORTRIX ...Biological Control; DDT; Insects - Beneficial; Pesticide Application Rates; Pesticide Residues; TDE; ...4.0562

WILDLIFE VS. BIDRIN AND DIMETHOATE USE IN SEED ORCHARDS ...Animal Distribution; Bidrin; Birds; Dimetnoate; Mammals; Pesticide Legal Aspects; Population Dynamics - general; ...4.0575

EFFECTS OF HERBICIDES ON USE OF SAGEBRUSH LANDS BY WILDLIFE ...Animal Habitat Studies; Artemisia; Birds; Cervus; Deer -nonspecific; Food Supply; Grouse; Herbicides -nonspecific; Mammals; Pesticide Action on Animals; Plant Succession; Wildlife -nonspecific; ...4.0580

RESIDUES IN MILK FROM COWS FED INSECTICIDE-CONTAMINATED FORAGE ...Bos; Insect Resistance; Pesticide Action on Animals; Pesticide Residues; Phosphorothioate Cpds.; ...4.0603

BIOLOGICAL AND INTEGRATED CONTROL OF ARTHROPOD PESTS ...Animal Migration; Biological Control; Herbicides -nonspecific; Insects - Beneficial; Phaseolus; Rain; ...4.0605

PREVENTION AND DISSIPATION OF PESTICIDE RESIDUES IN THE PRODUCTION OF MARKETABLE MILK AND MEAT PRODUCTS ...Bos; DDE; Pesticide Residues Removal; TDE; ...4.0610

PESTICIDE RESIDUAL ACCUMULATION AND ELIMINATION BY SWINE ...Chemical Analysis; DDT; Lindane; Malathion; Pesticide Application Rates; Sus; ...4.0643

BIONOMICS AND CONTROL OF INSECT PESTS AFFECTING SMALL FRUITS ...Domestic Animals; Guthion; Insect Resistance; Low Volume; Methomyl; Pesticide Evaluation; Vitaceae; ...4.0673

FACTORS INVOLVING PESTICIDES IN MILK PRODUCTS ...Avena Sativa; Chemical Analysis; Gossypium; Pesticide in Food Chains; Residues in Foods; ...4.0685

EFFECT OF CHEMICALS ON BENEFICIAL INSECTS ...Arachnida; Biological Control; Granules, Capsules; Pesticide Action on Animals; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0692

A STUDY ON THE CORRELATION BETWEEN INSECT CONTROL AND BEEF PRODUCTION ...Baits, Lures; Bos; Domestic Animals; Insecticides -nonspecific; Solvents Or Carriers; ...4.0693

CONTROL OF APPLE INSECT PESTS WITH REDUCED SPRAY SCHEDULES ...Gardona; Pesticide Drift; Pesticide Persistance in Soils; Sevin; ...4.0765

STUDY OF HONEY BEES AND OTHER POLLINATING INSECTS AND PESTICIDE CHEMICAL MATERIALS ...Foreign Agriculture; Insects - Beneficial; Poland; Sevin; ...4.0771

EVALUATION OF THE ANIMAL AND HUMAN COMPLAINTS FOLLOWING THE SPRAYING OF SILVEX, 2,4,5-T AND 2,4-D IN GLOBE, ARIZONA ...Arizona; Domestic Animals; Pesticide Toxicity in Humans; T, 2,4,5-; ...4.0789

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS IN THE MID-COLUMBIA AREA ...Animal Life History Studies; Arachnida; Biological Control; Imidan; Omite; Pesticide Evaluation; ...4.0829

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN RELATION TO INSECTS AFFECTING LIVESTOCK ...Biodegradation; Chemical Analysis; Domestic Animals; Insecticides -nonspecific; Livestock -nonspecific; Pesticide Evaluation; Pesticide Residues; ...4.0863

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN LIVESTOCK AND POULTRY ...Animal Resistance; Bos; Ddvp; Gallus Domesticus; Pesticides -other; Ronnel; ...4.0869

CONTROL OF MITES AND INSECTS ON FRUIT TREES ...Acaricides -nonspecific; Arachnida; Bioassay; Chlorphenamidine; Omite; Plictran; ...4.0879

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

WEED CONTROL IN FRUIT CROPS, WITH SPECIAL REFERENCE TO APPLE AND PEACH ...Dichlobenil; Economics of Chemical Control; Pesticide Action on Plants; Pesticide Phytotoxicity; Prunus Persica; Simazine; ...4.0936

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biological Control; Chlorphenamidine; Gardona; Insects - Beneficial; Oxthioquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Cucurbita; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Plant Growth Regulators -ns.; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

DEVELOPMENT OF APPLE SPRAY PROGRAMS IN RELATION TO SPRAY RESIDUE RESTRICTIONS ...Degradation; Furadan; Guthion; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrus Malus; ...4.1082

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Maloran; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals, Phleum; Silvex; Terbacil; Zea Mays - Field Corn; ...4.1033

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY ...Abscission; B9; Fruit Analysis; Naa; Pesticide Residue Analysis; Pesticides - other; Prunus Ceracus & P. Avium; Pyrus Malus; ...4.1084

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES ...D, 2,4-; Pesticide Action on Plants; Pesticide Residue Analysis; Residues in Foods; Storage Changes; ...4.1094

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Labiatae; Moraceae; Pesticide Action on Plants; Pisum; Thimet; Zea Mays - Field Corn; ...4.1102

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils, Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Heptachlor; Pesticide Residue Analysis; Pesticide Residues in Feeds; Pesticide Toxicity in Animals; TDE; ...4.1114

DEVELOP METHOD FOR QUANTITATIVELY CHARACTERIZING PESTICIDE DRIFT ...Formulations -nonspecific; Herbicides -nonspecific; High Speed Photography; Insecticides -nonspecific; Pesticide Action on Animals; Pesticide Application Equip.; Pesticide Drift; ...4.1116

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

HARVEST-AID CHEMICAL RESIDUES IN COTTONSEED ...Absorption (incl. Adsorption); Chemical Analysis; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Residues; Plant Absorption -other; Translocation; ...4.1120

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING STONE FRUITS ...Arachnida; Baygon; Pesticide Evaluation; Petroleum Cpds. -nonspecific; Rosaceae; Yeasts -nonspecific; ...4.1128

Low Volume

ENGINEERING TECHNOLOGY FOR APPLICATION OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Insecticides -nonspecific; Pesticide Application Rates; Physical Control; ...4.0001

A STUDY ON THE FEASIBILITY OF LOW VOLUME APPLICATION OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Emulsifiers; Liquids Or Sprays; Methyl Parathion; Pesticide Application Equip.; Pesticide Evaluation; Strobane; ...4.0044

EVALUATION OF LOW VOLUME CONCENTRATE FORMULATIONS OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Chromatography; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Evaluation; Potted Plants -see Ornamentals; ...4.0045

PRECISE PLACEMENT AND DRIFT CONTROL OF INSECTICIDE AND PESTICIDES WHEN ULTRA-LOW VOLUMES ...Handling & Application; Insecticides -nonspecific; Pesticide Drift; Temperature - Air; ...4.0047

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts; Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

INSECTS INFESTING FIELD AND TRUCK CROPS ...Granules, Capsules; Insecticides -nonspecific; Organophosphorous Cpds.; Pesticide Evaluation; Soil Microbiology; ...4.0125

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules; Liquids Or Sprays; Mulches; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Tillage, Cropping Systems; Zea Mays - Field Corn; ...4.0138

NON-TOXIC OIL SPRAYS TO CONTROL LEAF DISEASES OF CROPS ...Chenopodiaceae; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Septoria; ...4.0367

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan; Liquids Or Sprays; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone, Prunus Domestica; Residues in Foods; ...4.0455

AERIAL DISPERSAL METHODS FOR CONCENTRATED INSECTICIDES ...Concentrates; Insects - Beneficial; Liquids Or Sprays; Oryzeae; Pesticide Evaluation; Wildlife Toxicity; ...4.0554

BIONOMICS AND CONTROL OF INSECT PESTS AFFECTING SMALL FRUITS ...Domestic Animals, Guthion; Insect Resistance; Methomyl; Pesticide Evaluation; Vitaceae; ...4.0673

Pressurized

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Equipment; Labiatae; Nematoda; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Aflmal; ...4.0163

Solvents Or Carriers

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticide Absorption Rates; Pesticides -nonspecific; Rate of Reaction; Soil Chemical Properties; Soil Profile; Surfactants - Wetting Agents; Tension and Measurement; ...4.0094

CHEMICAL RESEARCH ON INSECTICIDES AND THEIR FORMULATIONS ...Abate; Animal Pests; Carriers -non-liquid; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Residue Analysis; Plant; ...4.0146

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Application Rates; Pesticide Legal Aspects; Pesticide Residues; Population Dynamics -general; Supracide; ...4.0417

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Chromatography; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Spectrographic Techniques; Surfactants - Wetting Agents; ...4.0502

A STUDY ON THE CORRELATION BETWEEN INSECT CONTROL AND BEEF PRODUCTION ...Baits, Lures; Bos; Domestic Animals; Insecticides -nonspecific; Liquids Or Sprays; ...4.0693

ANALYTICAL METHODS FOR HERBICIDES AND RESIDUES ...Chemical Analysis; Gas Chromatography; Metabolites From Pesticides; Pesticide Residues; Temperature - Air; ...4.1027

Stickers

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Application Rates; Pesticide Legal Aspects; Pesticide Residues; Population Dynamics -general; Solvents Or Carriers; Supracide; ...4.0417

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals; Pesticide Interaction With Env; Phenols; Soil pH; Thuricide; ...4.0969

Surfactants - Wetting Agents

KINETIC STUDIES OF THE OXIDATIVE DEGRADATION OF DETERGENT, AND RELATED CHEMICAL SPECIES IN AQUEOUS SOLUTION ...Biodegradation; Chemical Degradation; Detergents -see Surfactants; Kinetics; Rate of Reaction; Waste Water Degradation; ...2.0171

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Erosion; Oregon; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Soil Chemical Properties; Surface Active-other; Water Pollutants - Path of; ...2.0330

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; ...4.0093

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticide Absorption Rates; Pesticides -nonspecific; Rate of Reaction; Soil Chemical Properties; Soil Profile; Tension and Measurement; ...4.0094

ANNUAL WEED CONTROL IN ROW CROPS ...Alachlor; Chenopodiaceae; Liquids Or Sprays; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Tenoran; Vegetables; ...4.0104

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Triazines -nonspecific; Vcs-438; ...4.0277

WEED CONTROL INVESTIGATIONS ...Atrazine; Convolvulaceae; Cultural Control; Pesticide Movement in Soils; Picloram; Triticum; ...4.0314

TRANSLOCATION OF HERBICIDES IN NUTGRASS AND JOHNSONGRASS ...Carbon; Dalapon; High Temp. - 85f Or Above; Pesticide Action on Plants; Plant Absorption -other; ...4.0377

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Gossypium; Herban; Liquids Or Sprays; Pesticide Evaluation; Planavin; Prometryne; Trifluralin; ...4.0379

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...4.0418

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Chromatography; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Spectrographic Techniques; ...4.0502

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Ceracus & P. Avium; Soil Moisture; Translocation; Ulmaceae; ...4.0519

Technical Grade Chemicals

EFFECTS OF PESTICIDES ON MICROORGANISMS IMPORTANT TO THE DAIRY INDUSTRY ...Aerobic Bacteria; DDT; Escherichia Coli; Heptachlor Epoxide; Metabolites From Pesticides; Pesticide Toxicity to Microorg; Staphylococcus Aureus; ...4.0623

Wettable Powders

DRIFT CONTROL OF PESTICIDES ...Aerosols - Smokes, Fogs, Steam; Liquids Or Sprays; Pesticide Application Equip.; Pesticides -nonspecific; Spray Devices; ...4.0063

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Diazinon; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

HERBICIDES FOR VEGETABLES ...Allium; Cucumis Sativus; Fungal Resistance; Pesticide Evaluation; Plant Resistance; Soil Environment -other; Tok; Virus Resistance; ...4.0420

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biologic l Control; Chlorphenamidine; Gardona; Insects - Beneficial; Liquids Or Sprays; Oxthioquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; ...4.0981

Pesticide in Food Chains

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

FISH-MERCURY STUDIES IN THE GREAT LAKES ...Chemical Analysis; Contamination - Water; Fish; Great Lakes -see Specific Lake; Mercury; Organic Water Properties; Waterfowl -nonspecific; ...2.0190

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runof2(water); Fish; Irrigation; Organophosphorous Cpds.; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Aquatic Ecology - Animal; Dieldrin; Farm Pond; Georgia; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Plant Ecology -nonspecific; ...4.0025

PESTICIDE MONITORING PROGRAM LAKE MICHIGAN ...Algae -nonspecific; Environment Accumulation Rates; Fish; Lakes; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0028

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Algae -nonspecific; Aquatic Ecology - Animal; Cichlidae; Fish; Methoxychlor; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Water Pollutants - Path of; ...4.0029

MECHANISMS OF PESTICIDE ACCUMULATION IN AQUATIC ORGANISMS ...Animal Pests; Biological Effects; Insecticides -nonspecific; Plant Absorption -other; Pollution Effects -see Water; ...4.0039

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Animal Productivity; Bos; Ecological Effects; Oncorhynchus; Pesticide Action on Animals; Pollution Effects -see Water; Residues in Foods; ...4.0064

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds; Chemical Analysis; Ecological Effects; Environmental Ecology; Fish; Lakes; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Brassica Species; Malathion; Parathion; Pesticide Application Rates; Pesticide Residues Removal; Residues in Foods; ...4.0202

FATE AND SIGNIFICANCE OF LABELLED PESTICIDES RESIDUES IN RICE ...Carbon; Fungicides -nonspecific; Metabolites From Pesticides; Oryzeae; Phosphorus; Sulfur; ...4.0312

BIOASSAY OF PESTICIDE RESIDUES ON FRESH FRUITS AND VEGETABLES ...Bioassay; Pesticide Phytotoxicity; Pesticide Residue Analysis; Pesticide Residues; Pesticides -nonspecific; Vegetables; ...4.0407

BIOASSAY OF PESTICIDE RESIDUES ON PROCESSED FRUITS AND VEGETABLES ...Bioassay; Fungicides -nonspecific; Insecticides -nonspecific; Pesticide Residue Analysis; Residues in Foods; Vegetables; ...4.0408

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Chlorinated Hydrocarbons; Gallus Domesticus; Pesticide Residues Removal; Solanum; ...4.0440

TRANSFORMATION OF INSECTICIDES BY PLANTS ...Carbon; Chemical Analysis; Dieldrin; Pesticide Action on Plants; Phaseolus; Plant; Sevin; ...4.0467

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Dbee, -2,4-; Fish; Haloragaceae; Paraquat; Pesticide Evaluation; Ponds; ...4.0529

PESTICIDE DEPOSITION IN POULTRY ...Chemical Analysis; DDT; Food Contamination; Laboratory Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.0538

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Biological Control; Birds; Forest Environment - general; Passeriformes; Physical Control; ...4.0549

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Birds; Laboratory Animals; Pesticide Application Rates; Pesticide Formulation; Ponds; ...4.0550

PESTICIDE LEVELS IN MIGRATORY BIRDS ...Animal Migration; Animal Productivity; Birds; Pesticide Action on Animals; Pesticides -nonspecific; ...4.0589

EXPERIMENTAL ENVIRONMENTS ...Animal Habitat Studies; Estuaries; Marine Animals; Pesticide Toxicity in Animals; Protozoa; ...4.0590

DDT IN EGGS AND POULTRY MEAT ...DDT; Feces; Food Contamination; Gallus Domesticus; Pesticide Action on Animals; Residues in Foods; ...4.0599

METABOLISM AND DEPOSITION OF INSECTICIDES IN FOWL ...Carbamates -nonspecific; Domestic Animals; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Action on Animals; Pesticide Residue Analysis; ...4.0606

INSECTICIDE METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Birds; Developmental Physiology; Insect Chemosterilants -ns.; Organophosphorous Cpds.; Pesticide Residues in Feeds; ...4.0607

METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Domestic Animals; Experimental Teratology; Feces; Gallus Domesticus; Insecticides -nonspecific; Pesticide Tolerance Rate; ...4.0608

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...Bioassays; DDT; Malathion; Methoxychlor; Muridae; Nutrition; Residues in Foods; ...4.0634

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

METABOLISM OF PESTICIDES BY BEEF CATTLE ...Aldrin; DDT; Feces; Pesticide Action on Animals; Pesticide Safety Measures; TDE; Urea Cpds. -nonspecific; Vertebrate Anatomy; ...4.0645

EFFECTS OF PESTICIDES ON NON-TARGET ORGANISMS ...Animal; Arachnida; Dieldrin; Pesticide Residue Analysis; Scophulariaceae; ...4.0667

FACTORS INVOLVING PESTICIDES IN MILK PRODUCTS ...Avena Sativa; Chemical Analysis; Gossypium; Residues in Foods; ...4.0685

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Animal Productivity; Carbon; Contamination - Water; DDT; Fish; Pesticide Action on Animals; ...4.0715

EFFECTS OF PARATHION AND MALATHION ON WARM-WATER FISH PONDS ...Aquatic Ecology - Animal; Ictalurus Punctatus; Malathion; Pesticide Action on Animals; Pesticides - see Pesticide; Temperature (water); ...4.0717

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Aldrin; Animal Resistance; Cladocera; DDT; Invertebrate Physiology; Pesticide Action on Animals; Pesticides - see Pesticide; ...4.0734

A STUDY OF THE DEGRADATION RATE OF ALDRIN ...Aldrin; Animal; Annelida; Dieldrin; Metabolites From Pesticides; Pesticide Toxicity in Animals; Soil Microbiology; ...4.0745

DEGRADATION AND PERSISTENCE OF ALDRIN ...Aldrin; Animal Habitat Studies; Dieldrin; Pesticide Residues; ...4.0746

EFFECTS OF CHEMICAL POLLUTANTS ON AVIAN REPRODUCTION ...Birds; Calification -vertebrate; Chlorinated Hydrocarbons; Dove; Nutrition; Pesticide Action on Animals; ...4.0767

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Fenac; Gas Chromatography; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; Residues in Foods; ...4.0770

FURADAN INSECTICIDE RESIDUE STUDY WITH DAIRY CATTLE AND CHICKENS ...Furadan; Pesticide Residues in Feeds; Residues in Foods; Tissue Accumulation Rates; ...4.0806

ENVIRONMENTAL TOXICOLOGY OF PESTICIDES ...Air Pollution; Contamination - Water; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Residues in Foods; ...4.0822

THE INFLUENCE OF PESTICIDES ON MORTALITY RATES OF BIRDS ...Animal Productivity; Birds; Computer Methods -general; Pelecaniformes; Pesticide Residue Analysis; Pesticides -nonspecific; Population Dynamics -general; ...4.0828

PHYSIOLOGICAL AND BEHAVIORAL EFFECTS OF INSECTICIDES ON CORMORANTS ...Animal Behavioral Ecology; DDE; Fish; Pesticide Action on Animals; TDE; ...4.0844

CHEMICAL RESIDUES IN MILK ...Bos; Domestic Animals; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.0850

TOXIC EFFECTS OF AGRICULTURAL CHEMICALS ON REPRODUCTION IN ANIMALS ...Chemical Mutagenesis; Experimental Teratology; Lethal Mutation; Mammals -nonspecific; Pesticide Formulation; Pesticides -nonspecific; ...4.0867

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; DDT; Ethion; Kelthane; Parathion; TDE; Virginia; ...4.0890

INSECTICIDES AND EGG-SHELL DEPOSITION ...Annelida; Birds; DDT; Endangered Species; Fish; Lake Michigan; Pesticide Residue Analysis; ...4.0913

BIOLOGICAL FACTORS IN THE MANAGEMENT OF LAKE FLIES ...Animal Predation; Aquatic Ecology - Animal; Benthic Fauna; Biological Control; Lakes; Piscicides -nonspecific; ...4.0914

PESTICIDE RESIDUES AND METABOLITES ...Arachis; Gas Chromatography; Pesticide Residue Analysis; Pesticide Tolerance Rate; Sevin; ...4.0942

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

WARNING AGENTS FOR TOXIC FUMIGANTS ...Foreign Agriculture; Israel; Pesticide Residues in Feeds; Pesticide Toxicity in Humans; Preventative Measures; ...4.0948

PESTICIDAL RESIDUES IN FOODS ...Cobalt; Food Contamination; Home Economics; Residues in Foods; ...4.0951

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; D, 2,4-; Food Contamination; Pesticide Persistance in Soils; Pesticide Residues; Poultry -nonspecific; Translocation; ...4.0952

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; Gallus Domesticus; Medicago; Pesticide Formulation; Pesticide Residues; Tissue Accumulation Rates; ...4.0959

EVALUATION OF PESTICIDE RESIDUE PROBLEM IN MONTANA ..Chlordan; Domestic Animals; Heptachlor Epoxide; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; ...4.0964

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Lindane; Methoxychlor; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0973

PESTICIDE STRESS EFFECTS ON EXPERIMENTAL ECOSYSTEMS ...Arthropods; Contamination -see Air & Water; Mammals -nonspecific; Pesticide Toxicity -general; Pesticides - nonspecific; Petroleum Industry; Pollution Effects -see Water; ...4.0975

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Methoxychlor; Pesticide Residues; Residues in Foods; Toxaphene; ...4.0976

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Cucurbita; Liquids Or Sprays; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Plant Growth Regulators -ns.; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

NUTRITIONAL INTERACTION BETWEEN UREA AND APPLE POMACE RELATED TO REPRODUCTIVE FAILURE ...Bos; Developmental Physiology; Domestic Animals; Pesticide Residues in Feeds; Pesticides -nonspecific; ...4.0991

EFFECTS OF PESTICIDES USED IN DAIRY INDUSTRY ...Bacterial Morphology; Lactobacillus Sp; Product Development Research; Streptococcus -nonspecific; ...4.0997

SYSTEMS APPROACH TO CONTROLLING PESTICIDE CONTAMINATION OF SAN JOAQUIN VALLEY ...Degradation; Environment Accumulation Rates; Models of Biological Systems; Pesticide Toxicity -general; Pesticides -nonspecific; Preventative Measures; ...4.1000

THE CHEMISTRY AND TOXICOLOGY OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Food Contamination; Microorganisms -nonspecific; Pesticides -nonspecific; ...4.1001

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

CHEMICAL ANALYSES ...Chemical Analysis (water); Contamination - Water; Estuaries; Invertebrate Physiology; Metabolism of Algacides; Pollution Effects -see Water; ...4.1015

DDT RESIDUES IN EGGS AND BODY TISSUES OF HENS ...Chemical Analysis; Food Contamination; Granules, Capsules; Pesticide Action on Animals; ...4.1016

PSEUDOCHOLINETERASE ACTIVITY AS AFFECTED BY MODERN AGRICULTURAL CHEMICALS ...Bioassay; Carbamates -nonspecific; Chlorinated Hydrocarbons; Food Contamination; Sevin; ...4.1023

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology -

Animal; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...4.1055

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Aliphatic Carbamates; Chemical Analysis; Disulfoton; Moisture Deficiency; Pesticide Residues; Preventative Measures; Rubus; ...4.1080

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURE COMMODITIES ...DDT; Fruit, Nut, and Berry Crops; Pesticides - nonspecific; Pyrus Malus; Residues in Foods; Vegetables; ...4.1081

CYCLING AND EFFECTS OF CL36 LABELED DDT ON SOIL INVERTEBRATES IN AN OLD FIELD COMMUNITY ...Chemical Analysis; DDT; Invertebrates -nonspecific; Soil Environment - other; ...4.1085

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES ...D, 2,4-; Pesticide Action on Plants; Pesticide Residue Analysis; Residues in Foods; Storage Changes; ...4.1094

ECONOMIC EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...BHC; Chemical Analysis; Parathion; Pesticide Residues in Feeds; Residues in Foods; ...4.1110

PESTICIDE RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Bioassay; Brassica Species; Cladocera; Fish; Leaf Analysis; Trifluralin; ...4.1111

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD PRODUCTS ...Aldrin; DDT; Parathion; Pesticide Residues in Feeds; Residues in Foods; ...4.1118

THE ANALYSIS OF NATURAL SYSTEMS ...Absorption (incl. Adsorption); Chlorine; Growth; Mathematical Models; Primary Productivity - Plants; ...5.0082

RADIOACTIVE TRACER STUDIES OF SOIL AND LITTER ARTHROPOD FOOD CHAINS ...Animal Productivity; Arthropods; Energy Budgets; Radioactive Contamination; ...5.0816

Pesticide Industry

DETERMINE METHODS OF DIFFUSION OF IDEAS AND DO FURTHER DEPTH ANALYSIS OF DIFFUSION PROCESS ...Consumer Attitudes- Pesticides; Pesticides -nonspecific; Rural Sociology; Soil Fertility; ...4.0946

CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PESTICIDE MANUFACTURING WASTES ...Bibliography; Canada; Contamination - Water; Literature Search; Pesticides; Pesticides -see Pesticide; ...4.0986

USE AND MISUSE OF PESTICIDES ...Consumer Attitudes- Pesticides; Pesticides -nonspecific; Rural Areas; Urban Environment; ...4.1029

PESTICIDE RESIDUES IN ENVIRONMENT AND EFFECTS ON MARKETING AGRICULTURAL COMMODITIES ...Agricultural Economics; Consumer Attitudes- Pesticides; Demeton; Medicago; Organophosphorous Cpds.; Pesticide Residues; Pesticides -nonspecific; ...4.1071

Pesticide Interaction -gen.

EFFECTS OF SELECTED PESTICIDES SINGLY AND IN COMBINATION WITH OZONE ON SELECTED PLANT SPECIES ...Air Pollution -see Specifics; Herbicides and Other Chem; Pesticide Phytotoxicity; Pesticide Rates -general; Pesticides -nonspecific; ...1.0404

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

THE INTERACTION OF MICROORGANISMS AND PESTICIDES ...Cellular Catabolism-see Degrad; Fungicides -nonspecific; Herbicides -nonspecific; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg; Soil Fungi -nonspecific; Soil Microbiology; ...4.0140

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Gossypium; Metabolites From Pesticides; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Piedmont Province; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0174

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Adenosine Diphosphate; Cotoran; Glycine; Herbicides and Other Chem; Oligomycin; Pesticide Formulation; Pesticide Phytotoxicity; Triazines -nonspecific; ...4.0215

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

SUGAR BEET DISEASES ...Amaranthaceae; Cycloate; Pesticide Evaluation; Pyrazon; Tillam; ...4.0245

PESTICIDE INTERACTIONS - INFLUENCE ON PLANT GROWTH AND MECHANISMS OF TOXICITY AND DETOXICATION ...Carbamates -nonspecific; Pesticide Action on Plants; Pesticide Phytotoxicity; Temperature - Air; Urea Cpds. -nonspecific; ...4.0427

PHYSIOLOGICAL AND MORPHOLOGICAL RESPONSE OF PLANTS TO HERBICIDES ...Compositae; IAA; Plant Absorption -other; Poa Pratensis; Trifolium; ...4.0439

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Chromatography; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils, Pesticide Residues; Radioisotopes -nonspecific; Spectrographic Techniques; Surfactants - Wetting Agents; ...4.0502

RESPONSE OF PLANTS TO HERBICIDES ...Amino Triazole; D, 2,4-; Foliar Absorption; Pesticide Residues; Plant Absorption - other; Temperature - Air; ...4.0507

RESPONSE OF RATS TO DIETS CONTAINING MULTIPESTICIDE COMPONENTS ...DDT; Muridae; Parathion; Zinc; ...4.0615

HERBICIDE STUDIES EMPLOYING IN VITRO CULTURE METHODS ...Alanap; Humidity; Pesticide Action on Plants; Pesticide Formulation, Pesticide Residues; ...4.0683

NEW OR IMPROVED TECHNIQUES FOR SAFE CHEMICAL CONTROL OF ECTOPARASITES OF DOMESTIC ANIMALS ...Aerosols - Smokes, Fogs, Steam; Ddvp; Felidae; Impregnated Materials-products; Pesticide Evaluation; ...4.0823

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Paraoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

Pesticide Interaction With Env

AIR POLLUTION EFFECTS ...Animal Life History Studies; Hamamelidaceae; Oleaceae; Pinus Nigra; Pinus Virginiana; Plant Response to Env. -ns; Quercus; ...1.0419

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

INVESTIGATIONS OF BIOLOGY, ECOLOGY AND CONTROL OF INSECT PESTS OF INDIANA LIVESTOCK ...Feces; Insecticides -nonspecific; Pesticide Evaluation; Sus; Zea Mays - Field Corn; ...3.0142

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesti-

cide Aquatic Cycling; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Carriers -non-liquid; Cotoran; Gossypium; Msma; Pesticide Drift; Thimet; ...4.0035

EQUIPMENT AND PROCEDURES FOR CONTROL OF WEEDS AND BRUSH ...D, 2,4-; Granules, Capsules; Irrigation; Pesticide Application Equip.; Physical Control; Zea Mays - Field Corn; ...4.0050

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humidity; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0088

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Persistance in Soils; Plant Resistance; Soil Aeration; Soil Moisture; Temperature - Air; ...4.0091

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils, DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - Bu' Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

HERBICIDE EQUILIBRIA OF LATOSOLIC SOIL ...Atrazine; Hawaii; Microorganism-see Cell. Catab.; Soil Chemical Properties; ...4.0101

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

PERSISTENCE AND DETOXIFICATION OF HERBICIDES IN SOIL ...Climates -general; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Aeration; Soil pH; ...4.0136

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules; Liquids Or Sprays; Mulches; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Tillage, Cropping Systems; Zea Mays - Field Corn; ...4.0138

CHEMICAL RESEARCH ON INSECTICIDES AND THEIR FORMULATIONS ...Abate; Animal Pests; Carriers -non-liquid; Pesticide Action on Animals; Pesticide Residue Analysis; Plant; ...4.0146

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Oregon; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Organic Content; Soil Profile; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Herbicides -nonspecific; Pesticide Persistance in Soils; Pesticide Residues; Soil Types -also See Specifics; ...4.0177

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. - non-specific; Water Quality -general; ...4.0192

THE BEHAVIOR AND FATE OF DDT AND ZECTRAN IN A FOREST SOIL ...DDT; Environment Accumulation Rates; Pesticide Persistance in Soils; Pseudotsuga; Soil Microbiology; Zectran; ...4.0197

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-; Herbicides and Other Chem; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

INFLUENCE OF HERBICIDES, FUNGICIDES, & INSECTICIDES ON COTTON GERMINATION & SEEDLING VIGOR ...Gossypium; Korax; Planavin; Soil Microbiology; Temperature - Air; Trifluralin; ...4.0207

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Organic Soils -see Soils; Pesticide Residues; Pyrazon; Soil Microbiology; Soil Temp. -non-specific; ...4.0248

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Amaranthaceae; Chenopodiaceae; Convolvulaceae; Dicamba; Pesticide Evaluation; Pesticide Persistance in Soils, Plant Absorption -other; Translocation; ...4.0249

ACTION OF SELECTIVE CHEMICALS ON MICRO-ORGANISMS AND HIGHER PLANTS ...Capsicum; Nematoda; Pesticide Evaluation; Phaseolus; Temperature - Air; Vegetables; Xanthomonas; ...4.0255

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates; Dieldrin; Disulfoton; Granules, Capsules; Meta - Systox; Ornamentals; Pesticide Action on Plants; Temporal Distribution; ...4.0289

INSECT PESTS OF CUCURBIT CROPS ...Dieldrin; Granules, Capsules; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Temperature - Air; ...4.0307

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Air Pollution -see Specifics; Beta Particles; Fragaria; Malathion; Pesticide Residues Removal; Residues in Foods; X and Gamma Rays; ...4.0308

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Lycopersicum; Phaseolus; Rain; Sulfhydryl Compounds; Vegetables; ...4.0309

WEED CONTROL IN HORTICULTURAL CROPS ...Dalapon; Iridaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Simazine; ...4.0328

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -non-liquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioas-

say; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum - other; Pesticide Application Rates; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

RELATION OF ENVIRONMENT AND CHEMICALS TO PHYSIOLOGY OF POME AND DRUPE FRUIT ...Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Growth Substances; Pesticides -nonspecific; Plant Pathology - Env. Relat.; Pyrus Malus; Temperature - Air; ...4.0362

THE INTERACTION OF HERBICIDES WITH OTHER APPLIED PESTICIDES ...Fungicides -nonspecific; Herbicides -nonspecific; Nematocides -nonspecific; Pesticide Evaluation; Pesticides Compatibility; ...4.0387

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Poa Pratensis; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Agropyron; Cyperaceae; Dalapon; Medicago; Pesticide Degradation -see Deg; Pesticide Residues; 2,4-db; ...4.0419

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics, Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

WEED CONTROL STUDIES WITH HORTICULTURAL CROPS ...Amino Triazole; Dichlobenil, Paraquat; Pesticide Application Rates; Soil Environment -other; Vegetables; Zea Mays - Sweet Corn; ...4.0438

FACTORS INFLUENCING THE EFFECTIVENESS OF HERBICIDES ...Agricultural Runoff; Betulaceae; Diuron; Irrigation; Pesticide Evaluation; Plant Growth Regulators -ns.; Soil Types - also See Specifics; ...4.0453

TURFGRASS WEED CONTROL ...Bensulide; Digitaria; Gramineae -other; Temperature - Air; Turf; ...4.0459

THE ROLE OF RHIZOSPHERE MICROORGANISMS IN THE ACTION OF HERBICIDES ON PLANTS ...Ammonification Or Decay; Fungicides -nonspecific; Insecticides -nonspecific; Nitrification; Pesticides Compatibility; Rhizosphere; ...4.0468

EVALUATING NEW FUNGICIDES ..Capsicum; Disulfoton; Granules, Capsules; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Vegetables; ...4.0479

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Gossypium; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Sandy Soils -see Soil Type; Temperature - Air; ...4.0487

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

PESTICIDE RESIDUES ON FORAGE RESULTING FROM DRIFT OF DUSTS APPLIED TO ADJACENT ORCHARDS ...Dusts; Humidity; Pesticide Drift; Pesticide Residues; Rain; Wind -see Air Motion; ...4.0498

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Bioassay; Carbon; IAA; Pesticide Evaluation; Pesticide Volatility; Plant Absorption -other; ...4.0508

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

WEED CONTROL IN SUGAR BEETS ...Amaranthaceae; Chenopodiaceae; Pesticide Action on Plants; Pesticides -other; ...4.0525

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Contamination - Water; Estuaries; Laboratory Animals; Pesticides -nonspecific; Physiological Effects; Water Quality -general; ...4.0544

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aldrin; Aramite; Chemical Analysis; Dieldrin; Methoxychlor; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0592

INTERACTIONS OF PESTICIDES, DRUGS AND OTHER CHEMICALS ...Bioassay; Environmental Effects - Human; Muridae; Pesticide Action on Animals; Pesticide Rates -general; Quail; ...4.0613

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

FACTORS AFFECTING PESTICIDE TOXICITY ...Amphibians; Birds; Fish; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticides Compatibility; ...4.0656

TOXICOLOGIC EFFECTS OF HERBICIDE-TREATED PLANTS ON LIVESTOCK ...Atrazine; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Rates -general; Ranunculaceae; Tissue Accumulation Rates; ...4.0874

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Animal Resistance; Chemical Degradation; Insecticides -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Residues; Sevin; ...4.0922

BIOLOGICAL HAZARDS OF PHOTOTRANSFORMED PESTICIDES ...Pesticide Toxicity -general; Pesticides -nonspecific; Photolysis; ...4.0930

REPELLENT ADDITIVES TO REDUCE PESTICIDE HAZARDS TO HONEY BEES ...Aerosols - Smokes, Fogs, Steam; Humidity; Insects - Beneficial; Temperature - Air; ...4.0931

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

PESTICIDE RESIDUES AND METABOLITES ...Arachis; Gas Chromatography; Pesticide in Food Chains; Pesticide Residue Analysis; Pesticide Tolerance Rate; Sevin; ...4.0942

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; Trifluralin; ...4.0950

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals; Phenols; Soil pH; Stickers; Thuricide; ...4.0969

REDUCTION OF HERBICIDE RESIDUES ...Adjuvants; Granules, Capsules; Pesticide Evaluation; Pesticides -other; ...4.0977

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; Zea Mays - Field Corn; ...4.0982

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram, Pyrus Malus; Sevin; ...4.0990

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Atrazine; Bioassay; Environment Accumulation Rates; Loam - see Soil Types; Pesticide Persistance in Soils; Prometryne, Soil Types -also See Specifics; ...4.1035

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Action on

Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diaziron; Glycine; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

Pesticide Legal Aspects

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

CHEMICAL CONTROL OF POST-HARVESTING FRUIT AND VEGETABLE DECAYS OCCURRING IN PACKING HOUSES ...Butylamine; Diplodia; Fruit, Nut, and Berry Crops; Liquids Or Sprays; Pesticide Application Rates; ...4.0231

PESTICIDE RESIDUE CLEARANCE PROGRAM ...Araceae; Captan; Chemical Analysis; Liquids Or Sprays; Pentachlorophenol; Pesticide Residues; Residues in [illegible] ...4.0497

SEASONAL OCCURRENCE AND CONTROL OF THE CORN EARWORM IN THE VALLEY ...Animal Life History Studies; Economics of Chemical Control; Helminthosporium; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics - general; Vegetables; ...4.0406

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Application Rates; Pesticide Residues; Population Dynamics -general; Solvents Or Carriers; Supracide; ...4.0417

WILDLIFE VS. BIDRIN AND DIMETHOATE USE IN SEED ORCHARDS ...Animal Distribution; Bidrin; Birds; Dimethoate; Mammals; Population Dynamics -general; ...4.0575

MULTICRITERIAL EVALUATION OF ENVIRONMENTAL PESTICIDES ...Behavior -vertebrate; Chemical Analysis; Dieldrin; Domestic Animals; Livestock -nonspecific; Pesticide Tolerance Rate; Pesticide Toxicity in Humans; ...4.0619

REDUCTION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Monitoring Systems; Pesticide Residues in Feeds; Pesticide Residues Removal; Preventative Measures; Residues in Foods; ...4.1017

INSECTICIDE RESIDUES FROM EXPERIMENTAL TREATMENTS TO PREVENT OR CONTROL INSECTS IN STORED PRODUCTS ...Bromine; Chlorine; Food Contamination; Malathion; Pesticide Residues; Piperonyl Butoxide; ...4.1019

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Aliphatic Carbamates; Chemical Analysis; Disulfoton; Moisture Deficiency; Pesticide in Food Chains; Pesticide Residues; Preventative Measures; Rubus; ...4.1080

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Dichlobenil; Groundwater; Pesticide Persistance in Soils; Soil Chemical Properties; Terbacil; Water Pollutants - Path of; ...4.1091

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Heptachlor; Liquids Or Sprays; Pesticide Residue Analysis; Pesticide Residues in Feeds; Pesticide Toxicity in Animals; TDE; ...4.1114

Pesticide Movement in Soils

SORPTION AND MOVEMENT OF POLLUTED WATER IN SOIL ...Filtration; Groundwater; Pesticides -nonspecific; Soil Chemical Properties; Soil Types -also See Specifics; Water Chemistry; ...2.0030

BEHAVIOR OF POLLUTANTS IN WATER ...Degradation; Groundwater; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticid s -nonspecific; Soil Moisture; Water Pollutants - Path of; ...2.0074

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects - see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

SOIL AND WATER MANAGEMENT FOR SALINITY CONTROL - PHASE II ...Groundwater; Leaching; New Mexico; Pesticides - nonspecific; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; Water Pollutants - Path of; ...2.0253

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Radiochemical Analysis; Soil Chemical Properties; Water Pollutants - Path of; Water Quality -general; ...2.0314

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Erosion; Oregon; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Soil Chemical Properties; Surface Active-other; Water Pollutants - Path of; ...2.0330

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Depth (water); Fish; Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

THE INFLUENCE OF SOILS ON POLLUTION ...Adsorption; Drainage; Nutrients; Pesticide Degradation -see Deg; Pesticides - nonspecific; Soil Fertility; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1046

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; TDE; ...2.1590

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Pesticide Formulation; Pesticide Toxicity to Microorg; Physical Degradation; Soil Chemical Properties; ...4.0019

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Aquatic Ecology - Animal; Dieldrin; Farm Pond; Georgia; Pesticide Aquatic Cycling; Pesticide Residues; Plant Ecology -nonspecific; ...4.0025

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Algae -nonspecific; Aquatic Ecology - Animal; Cichlidae; Fish; Methoxychlor; Pesticide Aquatic Cycling; Water Pollutants - Path of; ...4.0029

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Stu-

dies; Mineralogy; North Carolina; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Cotoran; Environment Accumulation Rates; Gossypium; Liquids Or Sprays; Pesticides -see Pesticide; Rain; Trifluralin; ...4.0061

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Cotoran; Leaching; Msma; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon; Mathematical Analysis; Mathematical Models; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0081

REACTIONS OF TRIAZINE-HERBICIDES WITH SOIL COMPONENTS ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil - Calcareous; Soil Organic Content; ...4.0082

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Aroclor; DDT; Pesticide Residue Analysis; Pesticides -see Pesticide; Radioisotopes - nonspecific; Soil Chemical Properties; Soil Organic Content; ...4.0087

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0088

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganisms -see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -nonspecific; Surfactants - Wetting Agents; ...4.0093

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticide Absorption Rates; Pesticides -nonspecific; Rate of Reaction; Soil Chemical Properties; Soil Profile; Surfactants - Wetting Agents; Tension and Measurement; ...4.0094

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Nematoda; Soil Chemical Properties; Soil Microbiology; ...4.0095

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam -see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Endrin; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain; Soil Chemical Properties; Soil Depth; Trifluralin; ...4.0099

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality - general; ...4.0100

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Colloidal Phenomena, Degradation; Gas Chromatography; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

ANNUAL AND PERENNIAL WEED CONTROL IN SORGHUM, WINTER WHEAT AND SUMMER FALLOWED LAND ...Atrazine; Chemical Tillage Or Nontillage; Minimum Tillage; Pesticide Evaluation; Pesticide Persistance in Soils; Sorghum; Tillage, Cropping Systems; ...4.0113

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Drift; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Gas Chromatography; Leaching; Percolation (water); Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

RELATIONSHIP OF PESTICIDES IN SOIL, WATER AND PLANTS ...Contamination - Soil; Herbicides -nonspecific; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Microbiology; Water Pollutants - Path of; ...4.0126

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Bioassay; DDT; Environment Accumulation Rates; Leaching; Lindane; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0129

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Sandy Soils -see Soil Type; ...4.0131

DETERMINATION OF HERBICIDAL RESIDUES IN PLANTS AND SOILS, AND FATE OF HERBICIDES IN CERTAIN SOILS ...Degradation; Ornamentals; Patoran; Pesticide Phytotoxicity; Phaseolus; Turf; Vegetables; ...4.0133

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Climates -general; Environment Accumulation Rates; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...4.0155

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Fenuron; Monuron; Soil Chemical Properties; Soil Moisture; ...4.0156

CHEMISTRY OF ADSORPTION OF PESTICIDES ON SOIL SILICATES ...Chromatography; Diquat; Humidity; Paraquat; Pesti-

cide Persistance in Soils; Soil Chemical Properties; Soil pH; ...4.0157

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Oregon; Pesticides -see Pesticide; Soil Chemical Properties; Soil Organic Content; Soil Profile; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Bioassay, Colloids; Pesticide Formulation; Pesticide Persistance in Soils; Pesticide Residues; Plant Tissue Analysis -chem.; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban, Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Gossypium; Metabolites From Pesticides; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Piedmont Province; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0174

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Herbicides -nonspecific; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Soil Types -also See Specifics; ...4.0177

PERSISTENCE AND MODES OF HERBICIDE DISSIPATION UNDER RANGELAND CONDITIONS ...Bioassay; Herbicides - nonspecific; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Rates -general; Pesticide Residues; ...4.0183

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

SOILS, PESTICIDES, AND THE QUALITY OF WATER ...Adsorption; Clay Soils; Pesticide Formulation; Pesticides -nonspecific; Sandy Soils -see Soil Type; Soil Thermal Properties; ...4.0187

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants, Bioassay; Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; Water Quality - general; ...4.0192

TRANSFORMATION, MOVEMENT, DISAPPEARANCE OF PESTICIDES AND RESIDUES IN SOILS ...Clay Soils; Pesticide Persistance in Soils; Picloram; Silty Soils; Soil Organic Content; Soil pH; Soil Texture; ...4.0193

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0284

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

FACTORS AFFECTING THE TOXICITY AND SELECTIVITY OF PRE-EMERGENCE SOIL HERBICIDES ...Anaerobic Bacteria; Nitrogen and Nitrogen Cpds., Pesticide Residues Removal; Pyrazon; Soil Fungi -nonspecific; Soil Types -also See Specifics; ...4.0247

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming -vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

WEED CONTROL INVESTIGATIONS ...Atrazine; Convolvulaceae; Cultural Control; Picloram; Surfactants - Wetting Agents; Triticum; ...4.0314

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF SELECTIVITY OF HERBICIDES ...Absorption (incl. Adsorption); Herbicides and Other Chem; Pesticide Action on Plants; Physiological Resistance; Translocation; ...4.0345

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0431

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Residue Analysis; Pesticide Residues in Feeds, Plant; Solanum; ...4.0435

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay, Climates -general; Flood Irrigation; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Residues; Sandy Soils -see Soil Type; Sprinkler Irrigation; Urea Cpds. -nonspecific; ...4.0484

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

EFFECTS OF INSECTICIDES ON ACTIVITY OF SOIL INHABITING INSECTS ...Insecticides -nonspecific; Insects - Beneficial; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Soil Microbiology; ...4.0742

INSECTICIDES AND EGG-SHELL DEPOSITION ...Annelida; Birds; DDT; Endangered Species; Fish; Lake Michigan; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0913

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Atrazine; Bioassay; Environment Accumulation Rates; Loam - see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Prometryne; Soil Types -also See Specifics; ...4.1035

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Dichlobenil; Groundwater; Pesticide Legal Aspects; Pesticide Persistance in Soils; Soil Chemical Properties; Terbacil; Water Pollutants - Path of; ...4.1091

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays, Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Prometryne; Soil Moisture, Soil pH; Solar Radiation -sunshine, Trifluralin; ...4.1109

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

Pesticide Organoleptic Prop.

EFFECTS OF HERBICIDES ON QUALITY AND CHEMICAL COMPOSITION OF FRESH AND PROCESSED VEGETABLES ...Cycloate; Diphenamid; Lycopersicum; Phaseolus; Vegetables, ...4.0217

MARKET QUALITY OF TABLE GRAPES AS INFLUENCED BY CHEMICALS APPLIED FOR WEED, PEST AND DISEASE CONTROL ...Dbtce; Food Engineering & Technology; Moisture; Packaging Materials; Pesticides -other; Plastics; ...4.0226

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipteres; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars, ...4.0281

EFFECT OF PCNB ON PALATABILITY AND COMPOSITION OF POTATOES ...Home Economics; Pellicularia; Phenols; Solanum; Terrachlor; Vegetables; ...4.0342

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl Adsorption); Chemical Analysis; Cyclic Organic Cpds -(1 Or , Diphenamid , Lycopersicum; Radioisotopes -nonspecific; Solanum; Vegetables; ...4.0437

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Chlorinated Hydrocarbons; Gallus Domesticus; Pesticide in Food Chains; Pesticide Residues Removal; Solanum; ...4.0440

INTEGRATED CONTROL OF INSECT AND MITE PESTS OF APPLE ORCHARDS ...Arachnida; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics -general, ...4.0441

EFFECT OF SELECTED PESTICIDES ON NUTRITIVE COMPOSITION OF FRUITS AND VEGETABLES ...Daucus Species, Dd; Herbicides and Other Chem; Nemagon; Triazines -nonspecific; ...4.0496

LIPOLYSIS OF MILK AND OTHER ANIMAL FATS AS INFLUENCED BY PESTICIDE RESIDUES ...DDT; Food Contamination; Parathion; Pesticide Formulation; Pesticide Rates - general; Sevin; ...4.0582

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Daucus Species; Dichloropropene; Pesticide Evaluation; Pesticide Residues, Residues in Foods; ...4.0928

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Citrus; Fragaria; Fruit, Nut, and Berry Crops; Fumigants -nonspecific; Horticultural Crops - general; Lactuca; Phaseolus; Residues in Foods; Vegetables; ...4.0929

Pesticide Persistance in Soils

SORPTION AND MOVEMENT OF POLLUTED WATER IN SOIL ...Filtration ; Groundwater; Pesticide Movement in Soils; Pesticides -nonspecific; Soil Chemical Properties; Soil Types -also See Specifics; Water Chemistry; ...2.0030

BEHAVIOR OF POLLUTANTS IN WATER ...Degradation, Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Soil Moisture; Water Pollutants - Path of; ...2.0074

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Pollution Effects -see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Agricultural Runoff; Atrazine; Fertilizers; Irrigation; Leaching; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Tillage, Cropping Systems; ...2.0725

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Aquatic Soils; Dalapon; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Formulation; Pesticide Residues; Ponds, Typhaceae; ...4.0006

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Carbon; Chemical Analysis (water); DDT; Paraquat; Pesticide Residues; Planavin; Soil Chemical Properties; Water Pollutant Identification; ...4.0016

HERBICIDE RESIDUES ...Acrolein; Contamination - Soil; D, 2,4-; Fixed Copper; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Xylene; ...4.0018

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Aquatic Ecology - Animal; Dieldrin; Farm Pond; Georgia; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Plant Ecology -nonspecific; ...4.0025

PESTICIDE MONITORING PROGRAM LAKE MICHIGAN ...Algae -nonspecific; Environment Accumulation Rates; Fish; Lakes; Pesticide in Food Chains; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0028

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Low Temp - But Above 32f; Pesticide Action on Plants; Pesticide Residues, Plant Resistance; Soil Microbiology; Translocation; ...4.0032

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Endrin; Eptam; Filtration; Pesticide Formulation; Pesticide Residues Removal; Ponds, Rural Areas; ...4.0034

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

AN EVALUATION OF THE INSECTICIDE 'SEVIN' AS A WATERSHED POLLUTANT ...Environment Accumulation Rates; New York; Pesticide Residues; Population Dynamics - general; Soil Types -also See Specifics; Water Pollutants - Path of; ...4.0057

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Cotoran; Environment Accumulation Rates; Gossypium; Liquids Or Sprays; Pesticide Movement in Soils; Pesticides -see Pesticide; Rain; Trifluralin; ...4.0061

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Fish; Glycine; Pesticide Application Rates; Pesticides -see Pesticide; Silvex; Zea Mays - Field Corn; ...4.0074

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Cotoran; Leaching; Msma; Pesticide Degradation -see Deg; Soil Chemical Properties; Trifluralin; ...4.0079

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon; Mathematical Analysis; Mathematical Models; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0091

REACTIONS OF TRIAZINE-HERBICIDES WITH SOIL COMPONENTS ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Soil - Calcareous; Soil Organic Content; ...4.0092

RESIDUES OF SELECTED PESTICIDES - NATURE, DISTRIBUTION, PERSISTENCE IN PLANTS, ANIMALS & PHYSICAL ENVIRONMENTS ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Monitoring Systems; Pesticide Application Rates; Plant; TDE; ...4.0083

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Loam -see Soil Types; Silty Soils; Soil Moisture; Soil Temp. -non-specific; ...4.0084

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Arocior; DDT; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticides -see Pesticide; Radioisotopes -nonspecific; Soil Chemical Properties; Soil Organic Content; ...4.0087

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0088

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Plant Resistance; Soil Aeration; Soil Moisture; Temperature - Air; ...4.0091

INSECTICIDE DECONTAMINATION OF COLORADO SOILS BY UTILIZATION OF ANIMAL WASTES ...Chlorinated Hydrocarbons; Contamination - Soil; Insecticides -nonspecific; Microorganisms -nonspecific; Pesticide Residues Removal; Soil Microbiology; ...4.0092

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

PRELIMINARY EXPLORATORY CITRUS RESEARCH AT CITRUS EXPERIMENT STATION ...Aliphatic Carbamates; Fruit, Nut, and Berry Crops; Literature Search; Pesticide Formulation; Pesticide Residues; Soil Depth; ...4.0096

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Endrin; Leaching; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Rain; Soil Chemical Properties; Soil Depth; Trifluralin; ...4.0099

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

ANNUAL WEED CONTROL IN ROW CROPS ...Alachlor; Chenopodiaceae; Liquids Or Sprays; Plant Population Dynamics -gen; Tenoran; Vegetables; ...4.0104

LONG-TERM EFFECTS OF DIFFERENT SYSTEMS OF WEED CONTROL IN CROP ROTATIONS ON ECOLOGY AND CROP PRODUCT ...Microorganisms -nonspecific; Pesticide Action on Plants; Pesticide Residue Analysis; Soil Chemical Properties; Soil Microbiology; ...4.0105

STRUCTURAL CHEMISTRY OF SOIL HUMIC SUBSTANCES ...Adsorption; Chelation & Complexing; Hydrolysis, Esterification; Organic Soils -see Soils; Pesticides -nonspecific; Reduction Reactions; Soil Chemical Properties; Soil Microbiology; ...4.0106

SOIL INVERTEBRATES INFLUENCE ON CORN RESIDUES ...Arthropods; Minimum Tillage; Plant Population Dynamics -gen; Planting Methods; Population Dynamics -general; Soil Microbiology; ...4.0108

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides -see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

ANNUAL AND PERENNIAL WEED CONTROL IN SORGHUM, WINTER WHEAT AND SUMMER FALLOWED LAND ...Atrazine; Chemical Tillage Or Nontillage; Minimum Tillage; Pesticide Evaluation; Sorghum; Tillage, Cropping Systems; ...4.0113

MECHANISM OF ACTION AND METABOLIC FATE OF FUNGICIDES ...Absorption (incl. Adsorption); Dupont 1991; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Residues; Plant Absorption -other; ...4.0114

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiouan; Vegetables; ...4.0116

MICROBIOLOGY AND BIOCHEMISTRY OF PESTICIDES IN SOIL ...Actinomycetes -nonspecific; Azobenzene; Cipc; Fusarium; Pesticide Degradation -see Deg; Propanil; Soil Microbiology; ...4.0117

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

CHEMISTRY OF PESTICIDES IN SOILS ...Arsenic; Chemical Analysis; Cucumis Sativus; DDT; Pesticide Residue Analysis; Plant Resistance; Zea Mays - Field Corn; ...4.0119

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Drift; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

NEUTRALIZATION REACTIONS IN ACID SOIL AND CLAY SYSTEMS AND THEIR EFFECT ON PLANT GROWTH ...Atrazine; Clay Soils; Plant Tissue Analysis -chem.; Soil Chemical Properties; Soil pH; ...4.0122

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Gas Chromatography; Leaching, Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

TRANSLOCATION OF PESTICIDES FROM CRANBERRY BOGS TO THEIR SURROUNDINGS ...Aquatic Soils; Ericaceae; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutants - Path of; ...4.0124

REDUCTION OF HAZARDS ASSOCIATED WITH THE PRESENCE OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Adsorption; Environment Accumulation Rates; Insecticides -nonspecific; Pesticide Residues; Soil Chemical Properties; ...4.0127

CHEMICAL AND PHYSICAL PROPERTIES OF ORGANIC MATTER OF MICHIGAN SOILS ...DDT; Environment Accumulation Rates; Pesticide Degradation -see Deg; Soil Chemical Pro-

perties; Soil Organic Content; Soil Tillage; Soil Types -also See Specifics; ...4.0128

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Bioassay; DDT; Environment Accumulation Rates; Leaching; Lindane; Pesticide Movement in Soils; Soil Chemical Properties; ...4.0129

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

DETERMINATION OF HERBICIDAL RESIDUES IN PLANTS AND SOILS, AND FATE OF HERBICIDES IN CERTAIN SOILS ...Degradation; Ornamentals; Patoran; Pesticide Movement in Soils; Pesticide Phytotoxicity; Phaseolus; Turf; Vegetables; ...4.0133

PERSISTENCE AND DETOXIFICATION OF HERBICIDES IN SOIL ...Climates -general; Pesticide Degradation -see Deg; Soil Aeration; Soil pH; ...4.0136

PERSISTENCE OF HERBICIDES IN SOILS ...Alanap; Gossypium; Pesticides Compatibility; Plant Absorption -other; Root Absorption; Soil pH; Translocation; ...4.0137

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules; Liquids Or Sprays; Mulches; Pesticide Application Equip.; Pesticide Evaluation; Planavin; Tillage, Cropping Systems; Zea Mays - Field Corn; ...4.0138

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

NEMATOCIDES AND POTENTIAL NEMATOCIDAL CHEMICALS RESIDUES IN PLANTS AND DIFFUSION IN SOIL ...Aliphatic Carbamates; Dichloropropene; Nemagon; Nematoda; ...4.0145

CHEMICAL RESEARCH ON INSECTICIDES AND THEIR FORMULATIONS ...Abate; Animal Pests; Carriers -non-liquid; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Residue Analysis; Plant; ...4.0146

FATE OF PESTICIDES IN CLAY AND SOIL SYSTEMS ...Clay Soils; Diphenamid; Linuron; Soil Chemical Properties. ..4.0147

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

PERSISTENCE AND TOXICITY OF INSECTICIDES IN SOILS FOR CONTROL OF SOIL-INHABITING INSECTS ...Chlordan; DDT; Dieldrin; Environment Accumulation Rates; Soil Microbiology; Zea Mays - Field Corn; ...4.0149

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Agritox; Baygon; Chlordan; Dieldrin; Pesticide Application Rates; Pesticide Formulation; Pesticide Residues; Plant Phenology; ...4.0150

THE ROLE OF MICROFLORA IN THE PERSISTENCE AND DECOMPOSITION OF PESTICIDE RESIDUES ...Biodegradation-see Degradation; Chlorine; Degradation; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; ...4.0151

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

INTERACTION OF HERBICIDES AND SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Degradation -see Pesticide Deg; Microorganisms -nonspecific; Pesticide Residues Removal; Soil Aeration; Soil Microbiology; ...4.0153

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Climates -general; Environment Accumulation Rates; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...4.0155

CHEMISTRY OF ADSORPTION OF PESTICIDES ON SOIL SILICATES ...Chromatography; Diquat; Humidity; Paraquat; Soil Chemical Properties; Soil pH; ...4.0157

PHYSIOLOGY AND CONTROL OF WITCHWEED IN CORN ...Environment Accumulation Rates; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Seeds; ...4.0158

ENCAPSULATION OF INSECTICIDES AND VIRUSES FOR CONTROL OF INSECTS ...Biological Control; Excessive Moisture; Formulations -nonspecific; Granules, Capsules; Malathion; Pesticide Residues; ...4.0160

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Bioassay; Colloids; Pesticide Formulation; Pesticide Residues; Plant Tissue Analysis -chem.; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

REPLACEMENT OF CULTIVATION WITH CHEMICALS ...Algae -nonspecific; Bacteria -nonspecific; Chenopodiaceae; Herbicides - nonspecific; Poland; Soil Chemical Properties; Soil Moisture; Tillage, Cropping Systems; ...4.0168

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

MECHANISM OF ADSORPTION OF VARIOUS HERBICIDES BY SOIL HUMIC SUBSTANCES ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Kinetics; Soil Amendments; Soil Chemical Properties; ...4.0171

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

USE OF FENURON IN CONTROL OF SCRUB OAK ...Fenuron; Granules, Capsules; Pesticide Action on Plants; Pesticide Application Rates; Pinus Taeda; Quercus; ...4.0173

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Gossypium; Metabolites From Pesticides; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity, Piedmont Province; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0174

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Herbicides -nonspecific; Pesticide Interaction With Env; Pesticide Residues; Soil Types -also See Specifics; ...4.0177

THE LOSS OF HERBICIDES FROM SOIL ...Adjuvants; Degradation; Pesticide Volatility; Planavin; Soil Chemical Properties; ...4.0182

PERSISTENCE AND MODES OF HERBICIDE DISSIPATION UNDER RANGELAND CONDITIONS ...Bioassay; Herbicides - nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Rates -general; Pesticide Residues; ...4.0183

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Cynodon; Fumigants - nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Solanum; Vitaceae; ...4.0191

TRANSFORMATION, MOVEMENT, DISAPPEARANCE OF PESTICIDES AND RESIDUES IN SOILS ...Clay Soils; Pesticide Movement in Soils; Picloram; Silty Soils; Soil Organic Content; Soil pH; Soil Texture; ...4.0193

DEGRADATION OF ORGANOPHOSPHORUS INSECTICIDES IN SOILS ...Malathion; Organophosphorous Cpds.; Pesticide Degradation -see Deg; Soil Microbiology; Soil pH; Thimet; ...4.0194

DEGRADATION OF ORGANOPHOSPHORUS INSECTICIDES IN SOIL ...Malathion; Metabolites From Pesticides; Microorganisms - nonspecific; Models of Biological Systems; Soil Microbiology; ...4.0195

THE BEHAVIOR AND FATE OF DDT AND ZECTRAN IN A FOREST SOIL ...DDT; Environment Accumulation Rates; Pesticide Interaction With Env; Pseudotsuga; Soil Microbiology; Zectran; ...4.0197

MICROBIAL DEGRADATION OF PESTICIDES ...Bacilli -nonspecific; Cyclodiene Cpds. -nonspecific; Dieldrin; Microorganism-see Cell. Catab.; Pseudomonas; ...4.0198

IDENTIFICATION AND DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND RUNOFF AND DRAINAGE WATERS. ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0199

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Physical Control; Ranunculus; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Residues; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Linuron; Maloran; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

RESPROUTING OF CHAPARRAL ...D, 2,4-; Granules, Capsules; Pesticide Evaluation; Pesticides -see Pesticide; Plant Phenology; Quercus; T, 2,4,5-; ...4.0234

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

FACTORS AFFECTING THE TOXICITY AND SELECTIVITY OF PRE-EMERGENCE SOIL HERBICIDES ...Anaerobic Bacteria; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Pesticide Residues Removal; Pyrazon; Soil Fungi -nonspecific; Soil Types -also See Specifics; ...4.0247

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Amaranthaceae; Chenopodiaceae; Convolvulaceae; Dicamba; Pesticide Evaluation; Plant Absorption -other; Translocation; ...4.0249

HERBICIDE SCREENING STUDIES ON SUGAR BEETS ...Bioassay; Computer Methods -general; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Residues; ...4.0251

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

WEED CONTROL IN NURSERY STOCK ...Herbicides -nonspecific; Mulches; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Evaluation; Potted Plants -see Ornamentals; ...4.0286

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus; Cucumis Sativus; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Phaseolus; Planavin; Tok; Vegetables; ...4.0292

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

WEED CONTROL INVESTIGATIONS ...Atrazine; Convolvulaceae; Cultural Control; Pesticide Movement in Soils; Picloram; Surfactants - Wetting Agents; Triticum; ...4.0314

FIELD EVALUATION OF HERBICIDES ...Herbicides -nonspecific; Kansas; Pesticide Application Rates; Pesticide Evaluation; Plant Resistance; Sorghum; Triticum; ...4.0324

CONTROLLING THE RESPONSES OF CROP AND WEED PLANTS TO HERBICIDES ...Algae - Euglenophyta; Gossypium; Herbicides and Other Chem; Pesticide Action on Plants; Plant Tissue Analysis -chem.; ...4.0329

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS .Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant; Residues in Foods; Vegetables; ...4.0348

BIOLOGICAL ACTIVITY AND MODE OF ACTION OF HERBICIDES USED ON CORN, SOYBEANS, AND TOBACCO ...Carriers -non-liquid; Formulations -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; Trifluralin; ...4.0351

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Planavin; Siduron; Turf; ...4.0352

INVESTIGATIONS OF MINT DISEASES ...Benlate; Fumigants - nonspecific; Labiatae; Pesticide Evaluation; Solanum; Verticillium; ...4.0359

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Benzulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Ves-438; ...4.0364

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Cdaa; Glycine; Nitrification; Pesticides Compatibility;

Rhizosphere; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Phoedrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Msma; Pesticide Action on Plants; Pesticide Application Rates; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

CHEMICAL WEED CONTROL IN COTTON ...Economics of Chemical Control; Gossypium; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0388

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Arthropods; Ethion; Organophosphorous Cpds.; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Trithion; ...4.0403

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Agropyron; Cyperaceae; Dalapon; Medicago; Pesticide Degradation -see Deg; Pesticide Interaction With Env; Pesticide Residues; 2,4-db; ...4.0419

CONTROL OF ARTHROPOD PESTS OF COTTON ...Animal Resistance; Costs -see Economics Entries; Gossypium; Pesticide Action on Plants; Pesticides Compatibility; Toxaphene; ...4.0425

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant; Solanum; ...4.0435

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine; Bromus; Diquat; Festuca; Paraquat; Prometryne; Terbacil; Trifolium; ...4.0457

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Secale; Solanum; Vicia; ...4.0469

CONTROL OF WEEDS ...Ametryn; Diuron; Pesticide Formulation; Pesticide Phytotoxicity; Pesticides -other; Puerto Rico; Saccharum; ...4.0471

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Siduron; Soil Types also See Specifics; Trifluralin; Turf; ...4.0481

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Climates -general; Flood Irrigation; Loam -see Soil Types; Pesticide Residues; Sandy Soils -see Soil Type; Sprinkler Irrigation; Urea Cpds. -nonspecific; ...4.0484

EPOXIDATION OF CYCLODIENE PESTICIDES BY SOIL BACTERIA ...Cellular Catabolism-see Degrad; Cyclodiene Cpds. -nonspecific; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg; Soil Bacteria; Texas; ...4.0486

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0490

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Chromatography; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Residues; Radioisotopes -nonspecific; Spectrographic Techniques; Surfactants - Wetting Agents; ...4.0502

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Methyl Bromide; Pesticide Degradation -see Deg; Sclerotium; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

RESPONSE OF PLANTS TO HERBICIDES ...Amino Triazole; D, 2,4-; Foliar Absorption; Pesticide Interaction -gen.; Pesticide Residues; Plant Absorption -other; Temperature - Air; ...4.0507

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

MACHINES FOR ESTABLISHMENT AND MANAGEMENT OF CROPS AND PASTURE ...Benefin; Eptam; Pesticide Evaluation; Soil Compaction Or Density; 2,4-db; ...4.0515

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Chemical Analysis; D, 2,4-; Environment Accumulation Rates; Pesticide Rates -general; Residues in Foods; ...4.0526

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Herbicides -nonspecific; Herbicides and Other Chem; Pesticide Rates -general; Pesticide Residues; Tissue Accumulation Rates; ...4.0527

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. -(1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; DDT; Difolatan; Laboratory Animals; Methoxychlor; Muridae; Phaltan; ...4.0556

BIOLOGY, ECOLOGY, CONTROL AND BEHAVIOR OF HIPPELATES EYE GNATS ...Baits, Lures; Insect Chemosterilants -ns.; Pesticide Application Rates; Pesticide Evaluation; Sanitation; Soil Moisture; Trithion; ...4.0564

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0633

EFFECTS OF PESTICIDES ON NON-TARGET ORGANISMS ...Animal; Arachnida; Dieldrin; Pesticide in Food Chains; Pesticide Residue Analysis; Scophulariaceae; ...4.0667

EFFECTS OF INSECTICIDES ON ACTIVITY OF SOIL INHABITING INSECTS ...Insecticides -nonspecific; Insects - Beneficial; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Soil Microbiology; ...4.0742

DEGRADATION AND PERSISTENCE OF ALDRIN ...Aldrin; Animal Habitat Studies; Dieldrin; Pesticide in Food Chains; Pesticide Residues; ...4.0746

CONTROL OF APPLE INSECT PESTS WITH REDUCED SPRAY SCHEDULES ...Gardona; Liquids Or Sprays, Pesticide Drift; Sevin; ...4.0765

RESIDUES OF SELECTED PESTICIDES ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Mammals -nonspecific; Pesticide Drift; Pesticide Residues; Pesticide Volatility; ...4.0924

PESTICIDE RESIDUES - THEIR NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND SOILS ...Herbicides and Other Chem; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticide Residues; Soil Types -also See Specifics; ...4.0935

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Paraoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; D, 2,4-; Food Contamination; Pesticide in Food Chains; Pesticide Residues; Poultry -nonspecific; Translocation; ...4.0952

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

EVALUATION OF PESTICIDE RESIDUE PROBLEM IN MONTANA ...Chlordan; Domestic Animals; Heptachlor Epoxide; Pesticide Evaluation; Pesticide Residues; Plant Absorption -other; ...4.0964

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides - other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

REDUCTION OF HERBICIDE RESIDUES ...Adjuvants; Granules, Capsules; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -other; ...4.0977

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides, Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

PESTICIDE RESIDUES ...Climates -general; Environment Accumulation Rates; Herbicides -nonspecific; Herbicides and Other Chem; Oregon; Pesticide Action on Animals; Pesticides -nonspecific; ...4.0979

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; Zea Mays - Field Corn; ...4.0982

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Cucurbita; Liquids Or Sprays; Pesticide Application Rates; Pesticide Residues; Plant Growth Regulators -ns.; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

INSECTICIDAL RESIDUES ...Carbon; Diazinon; Medicago; Methoxychlor; Pesticide Application Rates; Plant; Soil Microbiology; ...4.0985

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination -other; Urine; ...4.0987

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Degradation; Insecticides - nonspecific; Pesticide Degradation -see Deg; Pesticide Residues; Pesticides -nonspecific; Texas; ...4.0988

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Residues Removal; Picloram; Pyrus Malus; Sevin; ...4.0990

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Labiatae; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Residues; Plant; ...4.0994

AUTOMATED ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Chlorine; Organophosphorous Cpds.; Pesticide Residues; Residues in Foods; ...4.1005

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

CHEMICAL CONTROL OF WEEDS IN NURSERY AND TURF PLANTINGS ...Agropyron; Cyperaceae; Gramineae; Pesticide Action on Plants; Pesticide Evaluation; Plant Phenology; ...4.1012

ANALYTICAL METHODS FOR PESTICIDES, TIFTON ...Bayer 25141; Carbamates -nonspecific; Chlorinated Hydrocarbons, Fluorine; Gramineae -other; Metabolites From Pesticides; Pesticide Residues; ...4.1021

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff, Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENT ...Chemical Analysis; Gas Chromatography; Pesticides -nonspecific; Soil Chemical Properties; ...4.1034

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Atrazine; Bioassay; Environment Accumulation Rates; Loam - see Soil Types; Pesticide Interaction With Env; Prometryne; Soil Types -also See Specifics; ...4.1035

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

METHODS OF ANALYSIS FOR PESTICIDES ...Aroclor; Chemical Analysis; Metabolites From Pesticides; Pesticide Toxicity in Animals; Wildlife Toxicity; ...4.1040

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC. IN SOILS ...Antibiotics -nonspecific; Benzoic Acid Cpds.; Herbicides -nonspecific; Loam -see Soil Types; Microorganisms -nonspecific; Nitrosomonas -nonspecific; Plant Residues, Humus, Compost; Soil Microbiology; ...4.1051

MECHANISMS OF THE OXIDATIVE DEGRADATION OF PESTICIDE MALEIC-HYDRAZIDE ...Chemical Analysis; Environment Accumulation Rates; Isotope Tracer -see Tracers; Oxidation; Pesticide Action on Plants; Pesticide Residues; Thin Layer Chromatography; ...4.1068

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Dichlobenil; Groundwater; Pesticide Legal Aspects; Soil Chemical Properties; Terbacil; Water Pollutants - Path of; ...4.1091

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

ANALYTICAL METHODS FOR PESTICIDES AND PESTICIDE DEGRADATION PRODUCTS ...Bos; Degradation -see Pesticide Deg; Methyl Parathion; Parathion; Pesticide Residues; Sumithion; ...4.1103

FATE AND PERSISTENCE OF PESTICIDES AND PHYSIOLOGICALLY ACTIVE DEGRADATION PRODUCTS ...Degradation; Pesticide Degradation -see Deg; Pesticide Residues; Pesticides - nonspecific; Pesticides -see Pesticide; Physical Degradation; Soil Types -also See Specifics; ...4.1104

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Hepachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

PESTICIDE ANALYSIS, COLLEGE STATION ...Aliphatic Carbamates; Gc 6506; Muridae; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Thin Layer Chromatography; ...4.1122

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis, Soil Chemical Properties; Texas; Water Table; ...4.1123

METHODS OF ANALYSIS FOR PESTICIDES, YAKIMA ...Aliphatic Carbamates; Chemical Analysis; Furadan; Gas Chromatography; Metabolites From Pesticides; Sevin; ...4.1130

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Carbamates -nonspecific; Chlorinated Hydrocarbons; Herbicides and Other Chem; Organophosphorous Cpds.; Pesticide Toxicity in Animals; ...4.1133

Pesticide Phytotoxicity

INFLUENCE OF ENVIRONMENT, CHEMICAL ADDITIVES AND AIR POLLUTANTS ON APPARENT PHOTOSYNTHESIS AND RESPIRATION ...Absorption (incl. Adsorption); Industrial Pollution -general; Lactuca; Nitrogen and Nitrogen Cpds.; Parathion; Phaseolus; Respiration; ...1.0324

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution osee Specifics; Bioindicators; B9; Liquids Or Sprays; Mineral Nutrition; Nicotiana; Pesticide Evaluation; Pesticides -other; Pollutant Resistance; Zea Mays - Field Corn; ...1.0338

EFFECTS OF SELECTED PESTICIDES SINGLY AND IN COMBINATION WITH OZONE ON SELECTED PLANT SPECIES ...Air Pollution -see Specifics; Herbicides and Other Chem; Pesticide Interaction -gen.; Pesticide Rates -general; Pesticides -nonspecific; ...1.0404

CONTROL OF AQUATIC WEEDS ...Chemical Analysis (water); Connecticut; D, 2,4 ; Dichlobenil; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Residues; ...2.0088

FATE OF AQUATIC HERBICIDES IN THE AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; Endothall; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Residues; Potable Water; Water Pollutants - Path of; ...2.0127

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

CONSERVATION OF RESOURCES IN MUNICIPAL WASTES ...Bromacil; Cotoran; Pennisetum; Plant Residues, Humus, Compost; Soil - Crop Relationships; Soil Cover Crops; Trifluralin; ...3.0046

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Aerosols - Smokes, Fogs, Steam; Climates -general; DDE; Endrin; Monitoring Systems; Radioisotopes -nonspecific; ...4.0033

EQUIPMENT AND PROCEDURES FOR CONTROL OF WEEDS AND BRUSH ...D, 2,4-; Granules, Capsules; Irrigation; Pesticide Application Equip.; Pesticide Interaction With Env; Physical Control; Zea Mays - Field Corn; ...4.0050

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts; Liquids Or Sprays; Maneb; Pesticide Drift; Pesticides Compatibility; Pyrus Malus; ...4.0055

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0069

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Endrin; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain; Soil Chemical Properties; Soil Depth; Trifluralin; ...4.0099

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

ANNUAL WEED CONTROL IN ROW CROPS ...Alachlor; Chenopodiaceae; Liquids Or Sprays; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Tenoran; Vegetables; ...4.0104

SOIL FUMIGANT CHEMICALS AND THEIR EFFECTS ON SOIL MICROFLORA ...Bacteria -nonspecific; Nematoda; Plant Pathogenetic Fungi; Soil Depth; Soil Microbiology; Soil Moisture; ...4.0107

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

DETERMINATION OF HERBICIDAL RESIDUES IN PLANTS AND SOILS, AND FATE OF HERBICIDES IN CERTAIN SOILS ...Degradation; Ornamentals; Patoran; Pesticide Movement in Soils; Phaseolus; Turf; Vegetables; ...4.0133

PERSISTENCE OF HERBICIDES IN SOILS ...Alanap; Gossypium; Pesticide Persistance in Soils; Pesticides Compatibility; Plant Absorption -other; Root Absorption; Soil pH; Translocation; ...4.0137

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules; Liquids Or Sprays; Mulches; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Tillage, Cropping Systems; Zea Mays - Field Corn; ...4.0138

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Carbon; Chemical Analysis; Growth Substances; Metabolism of Algacides; Pesticide Degradation -see Deg; Plant Growth Regulators -ns.; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Planavin; Root Absorption; Sorghum; ...4.0148

THE ROLE OF MICROFLORA IN THE PERSISTENCE AND DECOMPOSITION OF PESTICIDE RESIDUES ...Biodegradation-see Degradation; Chlorine; Degradation; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg; ...4.0151

PLANT RESPONSE TO ORGANIC CHEMICALS IN THE ROOT ENVIRONMENT ...Absorption (incl. Adsorption); Amiben; Cellular Catabolism-see Degrad; Dicamba; Mutagenesis -nonspecific; Pesticide Degradation -see Deg; Plant Resistance; ...4.0154

CHEMISTRY OF ADSORPTION OF PESTICIDES ON SOIL SILICATES ...Chromatography; Diquat; Humidity; Paraquat; Pesticide Persistance in Soils; Soil Chemical Properties; Soil pH; ...4.0157

PHYSIOLOGY AND CONTROL OF WITCHWEED IN CORN ...Environment Accumulation Rates; Herbicides -nonspecific; Pesticide Evaluation; Seeds; ...4.0158

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Bioassay; Colloids; Pesticide Formulation; Pesticide Persistance in Soils; Pesticide Residues; Plant Tissue Analysis -chem.; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

MECHANISM OF ADSORPTION OF VARIOUS HERBICIDES BY SOIL HUMIC SUBSTANCES ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Kinetics; Pesticide Persistance in Soils; Soil Amendments; Soil Chemical Properties; ...4.0171

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay, Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Gossypium; Metabolites From Pesticides; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Piedmont Province; Soil Chemical Properties; Soil Microbiology; Trifluralin, ...4.0174

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Herbicides -nonspecific; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Soil Types -also See Specifics; ...4.0177

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Sandy Soils - see Soil Type; Tween-80 -see Surfactants; ...4.0189

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Gossypium; Herbicides and Other Chem; Malvaceae; Pesticide Formulation; Prometryne; Respiration, Seeds; ...4.0190

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

PHYTOTOXICITY OF 3-AMINO-1,2,4-TRIAZOLE ...Amino Triazole; Cellular Biosynthesis; Cellular Metabolism - Controls; Cucumis Sativus; Enzymes; Nitrogen Metabolism; Phaseolus; ...4.0203

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-, Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

CONTROLS FOR MAJOR COTTON DISEASES IN SOUTHEASTERN U. S. INCLUDING RESISTANCE ...Fungal Resistance; Fusarium; Herbicides -nonspecific; Nematode Resistance; Verticillium; ...4.0208

THE INFLUENCE OF CULTURAL PRACTICE COMBINATIONS ON THE YIELD AND QUALITY OF COTTON ...Carbamates - nonspecific; Insecticides -nonspecific; Pesticide Action on Plants; Petroleum Cpds. -nonspecific; Soil Fertility; ...4.0214

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Adenosine Diphosphate; Cotoran; Glycine; Herbicides and Other Chem; Oligomycin; Pesticide Formulation; Triazines -nonspecific; ...4.0215

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pinolene; Sevin; Thiodan; ...4.0219

BIOLOGICAL CONTROL OF HELIOTHIS ZEA ATTACKING COTTON ...Animal Distribution; Biological Control; Methyl Parathion; Pesticide Evaluation, Population Dynamics -general; ...4.0221

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Actinomycin; Cellular Biosynthesis; Cucurbita; Endothall; Growth Substances; Nitrogen Metabolism; Pesticide Action on Plants; ...4.0223

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus, Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

DEVELOPMENT OF SYSTEMIC FUNGICIDES FOR VERTICILLIUM WILT CONTROL ...Absorption (incl. Adsorption); Fungicides -nonspecific; Gossypium; Pesticide Evaluation; Translocation; ...4.0232

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals, Furadan; Insects - Beneficial; Liquids Or Sprays; Pesticide Action on Animals, Pesticides Compatibility; Pyrethrum; ...4.0233

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Chrysanthemum; Diazinon; Furadan; Landrin; Monitor; Pesticide Application Rates; ...4.0235

CONTROL OF NEMATODES IN NURSERIES AND ON PLANT MATERIALS ...Aliphatic Carbamates; Methomyl; Nematoda; Pesticide Evaluation; Pesticides -other; V-c 13; ...4.0239

REACTIONS OF VEGETABLE CROPS TO APPLIED CHEMICALS, EXCLUSIVE OF NUTRIENTS ...Allium; Cucumis Melo; Dacthal; Lycopersicum; Pesticide Application Rates; ...4.0241

CHEMICAL STRUCTURE RELATED TO SYSTEMIC ACTIVITY, METABOLISM, MODE OF ACTION, AND FATE OF CHEMICALS IN COTTON PLANT ...Gossypium; Insecticides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; ...4.0242

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Benlate; Fungal Physiology; Granules, Capsules; Irrigation; Plant Population Dynamics -gen; Thimet; Western U. S.; ...4.0243

CONTROL OF WEEDS AND INSECTS IN SUGAR BEETS ...Chenopodiaceae; Herbicides -nonspecific; Pesticide Action on Plants; ...4.0246

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Residues; Pyrazon; Soil Microbiology; Soil Temp -non-specific; ...4.0248

PRODUCTION AND QUALITY OF APPLES IN HIGH DENSITY PLANTINGS USING DWARFING ROOTSTOCKS ...B9; Fruit, Nut, and Berry Crops; Irrigation; Pathological Physiology; Phytophthora; Pyrus Malus; ...4.0250

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pyrus Malus; Sulfur; Vegetables; ...4.0252

CHEMICAL CONTROL OF WEEDS IN POTATOES ...Cyclic Organic Cpds. --(1 Or ; Dacthal ; Diphenamid; Pesticide Action on Plants; Solanum; ...4.0253

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Cyclodiene Cpds. -nonspecific; Disulfoton; Dyphonate; Gardona; Methomyl; Pesticide Application Rates; ...4.0254

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

BIOLOGY AND CONTROL OF INSECT AND OTHER PESTS OF CUT FLOWERS ...Acaricides -nonspecific; Azodrin; Chrysanthemum; Fungicides -nonspecific; Methomyl; Potted Plants -see Ornamentals; ...4.0258

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Soil Microbiology; Thimet; Vegetables; ...4.0259

BIONOMICS OF THE PLANT NEMATODE TRICHODORUS CHRISTIEI ...Aliphatic Carbamates; Chrysanthemum; Mocap; Ornamentals; Pesticide Evaluation; Population Dynamics -general; Zinophos; ...4.0260

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Dyphonate; Musaceae; Pesticide Evaluation; Pesticide Formulation; ...4.0261

CHEMICAL CONTROL OF MITES AFFECTING CITRUS ...Acaricides -nonspecific; Arachnida; Citrus; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; ...4.0262

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Msma; Pesticide Application Rates; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Apium Species; DDT; Parathion; Pesticide Residues; Pesticide Residues Removal; Temperature - Air; Vegetables; ...4.0266

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. --(1 Or ; Fore ; Kelthane; Ornamentals; Pesticide Evaluation; Rosa; ...4.0271

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Planavin; Portulacaceae; Soil Moisture; Truck Farming -vegetables; ...4.0272

PRELIMINARY EXPLORATORY RESEARCH AT THE SOUTH FLORIDA FIELD LABORATORY ...Citrullus; Fruit, Nut, and Berry Crops; Fusarium; Lycopersicum; Pesticide Application Rates; Pinolene; Vegetables; ...4.0273

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers, Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

CHEMICAL CONTROL OF MITES ATTACKING CITRUS ...Acaricides -nonspecific; Arachnida; Citrus; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; ...4.0276

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vcs-438; ...4.0277

PETROLEUM OILS AS CITRUS TREE SPRAYS IN FLORIDA ...Arachnida; Liquids Or Sprays; Pesticide Application Rates; Pesticide Evaluation; Petroleum Cpds. -nonspecific; ...4.0278

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS ...Cipc; Dichlobenil; Florida; Fruit, Nut, and Berry Crops; Herbicides -nonspecific; Mineral Nutrition; Prunus Persica; Vitaceae; ...4.0279

CHEMICAL CONTROL OF SOIL FUNGI, NEMATODES, AND WEEDS AFFECTING WATERMELONS ...Citrullus; Fumigants - nonspecific; Nematoda; Pesticide Evaluation; Pesticides -other; Pythium; Soil Fungi -nonspecific; ...4.0280

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

CHEMICAL CONTROL OF NEMATODE ROOT ROT COMPLEX OF SHADE-GROWN TOBACCO ...Aliphatic Carbamates; Furadan; Natural N-fixation -other; Nicotiana; Vorlex; ...4.0282

ABSCISSION OF TREE FRUITS ...Abscission; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Evaluation; Prunus Persica; 3 Cpa; ...4.0283

THE EFFECT OF HERBICIDES ON GROWTH, YIELD, AND LONGEVITY OF PEACH TREES ...Fruit, Nut, and Berry Crops; Herbicides -nonspecific; Management Effects; Soil Compaction Or Density; ...4.0285

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates; Dieldrin; Disulfoton; Granules, Capsules; Meta - Systox; Ornamentals; Pesticide Action on Plants; Pesticide Interaction With Env; Temporal Distribution; ...4.0289

ETIOLOGY OF MERCURIAL PHYTOTOXICITY (FAT LEG) OF SEED PEANUTS ...Arachis; Chlorine; Herbicides and Other Chem; Mercury; Metal Organics -nonspecific; Soil Depth; Soil Temp. -non-specific; ...4.0290

WEED CONTROL IN PLANT INDUSTRY ...Capsicum; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Sirmate; Tillam; Vegetables; ...4.0291

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Rubiaceae; Sutan; ...4.0293

EVALUATION OF CHEMICAL COMPOUNDS AS NEMATOCIDES ...Bayer 25141; Mocap; Nematoda; Population Dynamics - general; Vegetables; ...4.0294

ANTIMICROBIAL ACTION OF BIPHENYL AND DERIVATIVES ON CITRUS SPOILAGE ORGANISMS ...Citrus; Diphenyl; Foreign Agriculture; Fruit, Nut, and Berry Crops; Trichoderma; ...4.0296

PESTICIDE RESIDUES IN PLANTS ANIMALS AND SOILS ...Carbamates -nonspecific; Carbon; Fungicides -nonspecific; Pesticide Residue Analysis; Sulfur; ...4.0298

THE RELATIONSHIP OF INSECTS TO THE LEAFROLL VIRUS DISEASE OF POTATO ...Aliphatic Carbamates; Biological Control; Granules, Capsules; Pesticide Application Rates; Vegetables; ...4.0300

POTENTIAL EFFECTS OF HERBICIDES ON PLANT METABOLITES AND RESIDUES IN CROPS AND SOIL ...Bioassay; Herbicides -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Application Rates; Plant; ...4.0301

DEVELOPMENT OF SYSTEMIC PESTICIDES WITH LOW PHYTO- AND MAMMALIAN-TOXICITY PROPERTIES: ...Bioassay; Cts; Foliar Absorption; Pesticide Absorption Rates; Plant Absorption -other; Root Absorption; ...4.0302

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Herbicides and Other Chem; Malvaceae; Plant Competition; Polygonaceae; Setaria; ...4.0304

INSECT PESTS OF CUCURBIT CROPS ...Dieldrin; Granules, Capsules; Pesticide Evaluation; Rain; Temperature - Air; ...4.0307

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Rain; Sulfhydryl Compounds; Vegetables; ...4.0309

INVESTIGATIONS OF CEREAL AND FORAGE CROP DISEASES AND THEIR CONTROL ...Avena Sativa; Erysiphe; Pesticide Evaluation; Plantvax; Sorghum; Tilletia; Ustilaginales; ...4.0317

FATE OF MALATHION RESIDUES GRAIN SORGHUMS ...Chemical Analysis; Herbicides and Other Chem; Malathion; Plant; Temperature - Air; Zea Mays - Field Corn; ...4.0319

CYTOGENETIC EFFECTS OF ATRAZINE ON GRAIN SORGHUM ...Atrazine; D, 2,4-; Pesticide Action on Plants; Sorghum; ...4.0321

INVESTIGATIONS WITH ORNAMENTAL PLANTS ...Climates - general; Dichlobenil; Kansas; Ornamentals; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0322

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops - general; Pesticide Action on Plants; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

SORGHUM AND CORN PHOTOTOXICITY PROBLEM AT WICHITA KANSAS ...BHC; Herbicides and Other Chem; Sorghum; Zea Mays - Field Corn; ...4.0325

SOUTHEAST KANSAS EXPERIMENTAL FIELD ...Carya; Drainage; Fruit, Nut, and Berry Crops; Juglans; Ornamentals; Pesticide Evaluation; Pesticide Residues; Vegetables; ...4.0326

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Bioassay; Liquids Or Sprays; Nicotiana; Pesticide Action on Plants; Pesticide Evaluation; Plant Resistance; Simazine; Zea Mays - Field Corn; ...4.0327

WEED CONTROL IN HORTICULTURAL CROPS ...Dalapon; Iridaceae; Pesticide Evaluation; Simazine; ...4.0328

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Contamination - Soil; Dalapon; Nitrification; Non-symbiotic N-fixation; Pseudomonas; Soil Fungi -nonspecific; Soil Microbiology; ...4.0330

FUNDAMENTAL STUDIES ON WEED CONTROL ...Cotoran; Fungicides -nonspecific; Herbicides and Other Chem; Liquids Or Sprays; Pesticide Evaluation; Pesticides Compatibility; Prometryne; Space Competition; ...4.0331

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Azodrin; Compositae; Ericaceae; Pesticide Application Rates; Supracide; Temperature - Air; ...4.0332

INSECTS AFFECTING THE APPLE ...Animal Life History Studies; Biological Control; Guthion; Insect Chemosterilants -ns.; Monitor; Pesticide Evaluation; Torak; ...4.0334

ARSENIC STUDIES WITH BLUEBERRIES AND POTATOES ...Arsenic; Ericaceae; Plant Absorption -other; Sandy Soils -see Soil Type; Solanum; ...4.0335

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Alternaria; Concentrates; Ethoxyquin; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pyrus Malus; Temperature - Air; ...4.0339

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Cellular Biosynthesis; Diuron; Herbicides and Other Chem; Nitrogen Metabolism; Pesticide Action on Plants; Photosynthesis; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0340

CHEMICAL CONTROL OF ORCHARD INSECTS ...Acaricides - nonspecific; Arachnida; Dusts; Liquids Or Sprays; Pesticide Evaluation; ...4.0343

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds. -nonspecific; Phosvel; Population Dynamics - general; Torak; ...4.0347

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Euphorbiaceae; Lycopersicum; Ornamentals; Primulaceae; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0355

NUTRITION AND ENVIRONMENT OF FLORAL CROPS ...Botrytis; Exotherm; Mineral Nutrition; Ornamentals; ...4.0357

DUTCH ELM DISEASE ...Benlate; Biological Control; Fungal Resistance; Ornamentals; Pesticide Evaluation; Pesticide Residues; ...4.0358

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum - other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

PESTICIDES AND GROWTH REGULATORS FOR FRUIT CROPS ...Acaricides -nonspecific; Concentrates; Economics of Chemical Control; Liquids Or Sprays; Prunus Cerasus & P. Avium; Temperature - Air; ...4.0361

RELATION OF ENVIRONMENT AND CHEMICALS TO PHYSIOLOGY OF POME AND DRUPE FRUIT ...Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Growth Substances; Pesticide Interaction With Env; Pesticides -nonspecific; Plant Pathology - Env. Relat.; Pyrus Malus; Temperature - Air; ...4.0362

PHYSIOLOGY AND BIOCHEMISTRY OF HERBICIDE ACTION, SELECTIVITY, AND DEGRADATION ...Amiben; Bromoxynil; Metabolites From Pesticides; Pesticide Action on Plants; Tissue Accumulation Rates; ...4.0363

WEED CONTROL IN SOYBEANS ...Atrazine; Glycine; Pesticide Evaluation; Plant Resistance; Tenoran; ...4.0366

NON-TOXIC OIL SPRAYS TO CONTROL LEAF DISEASES OF CROPS ...Chenopodiaceae; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Action on Plants; Septoria; ...4.0367

WEED CONTROL IN SORGHUM ...Bioassay; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Residues; Soil Tillage; Sorghum; ...4.0371

WEED CONTROL IN SOYBEANS ...Bioassay; Glycine; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0372

THE USE OF HERBICIDES FOR WEED CONTROL IN COTTON ...Bioassay; Economics of Chemical Control; Herbicides -nonspecific; Pesticide Application Rates; Soil Tillage; ...4.0373

TRANSLOCATION OF HERBICIDES IN NUTGRASS AND JOHNSONGRASS ...Carbon; Dalapon; High Temp. - 85f Or Above; Pesticide Action on Plants; Plant Absorption -other; Surfactants - Wetting Agents; ...4.0377

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Gossypium; Herban; Liquids Or Sprays; Pesticide Evaluation; Planavin; Prometryne; Trifluralin; ...4.0379

DEVELOPMENT OF PRACTICES FOR THE CONTROL OF ANNUAL WEEDS IN SOYBEANS ...Glycine; Herbicides -nonspecific; Pesticide Application Rates; ...4.0382

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Azodrin; Dusts; Gc 6506; Granules, Capsules; Hercules 13462; Methomyl; Plant Population Dynamics -gen; ...4.0383

STAND ESTABLISHMENT AND SEEDLING DISEASE CONTROL ...Chloroneb; Gossypium; Growth; Pesticide Evaluation; Plant Pathogenetic Fungi; Planting Methods; Temperature - Air; ...4.0384

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Msma; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

EVALUATION & APPLICATION OF HARVEST-AID CHEMICALS ON COTTON PLANTS IN MECHANICAL HARVESTING ...Abscission; Gossypium; Growth; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Evaluation; ...4.0386

CHEMICAL WEED CONTROL IN COTTON ...Economics of Chemical Control; Gossypium; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; ...4.0388

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria: Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

PRINCIPLES AND PRACTICES FOR CONTROL OF JOHNSONGRASS IN SOYBEANS ...Alanap; Diuron; Formulations -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; Soil Compaction Or Density; ...4.0391

CONTROL OF POTATO PESTS ...Captan; Difolatan; Fore; Fusarium; Pesticide Application Rates; Residues in Foods; Solanum; Vegetables; ...4.0396

SURVEY OF NEW COMPOUNDS AND MIXTURES FOR BIOLOGICAL ACTIVITY ...Acer Species; Concentrates; Liquids Or Sprays; Pesticide Evaluation; Pesticide Safety Measures; Pyrethrum; Sbp 1382; ...4.0397

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

CRANBERRY DISEASES AND THEIR CONTROL ...Benlate; Ferbam; Guignardia; Maneb; Pesticide Application Rates; Swamps - Marshes; ...4.0402

SEASONAL OCCURRENCE AND CONTROL OF THE CORN EARWORM IN THE VALLEY ...Animal Life History Studies; Economics of Chemical Control; Helminthosporium; Pesticide Evaluation; Population Dynamics -general; Vegetables; ...4.0406

BIOASSAY OF PESTICIDE RESIDUES ON FRESH FRUITS AND VEGETABLES ...Bioassay; Pesticide in Food Chains; Pesticide Residue Analysis; Pesticide Residues; Pesticides -nonspecific; Vegetables; ...4.0407

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

EVALUATION OF CHEMICAL FORMULATIONS AND ENERGY PROCESSES AS SEED TREATMENTS OF MAJOR CROP PLANTS ...Avena Sativa; Metal Organics -nonspecific; Pesticide Evaluation; Temperature - Air; Triticum; Vitavax; ...4.0410

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Alternaria; Bioassay; Hordeum Vulgare; Myrothecium; Pesticide Evaluation; Phaseolus; Secale; Vegetables; ...4.0411

CABBAGE MAGGOT AND ITS CONTROL ...Bayer 25141; Dyphonate; Furrowing Or Hilling; Pesticide Evaluation; Zinophos; ...4.0412

CONTROL OF ORCHARD MITES IN WESTERN NEW YORK ...Acarol; Arachnida; Demeton; Kelthane; Pcs 1301; Petroleum Cpds. -nonspecific; Trithion; ...4.0414

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Application Rates; Pesticide Legal Aspects; Pesticide Residues; Population Dynamics -general; Solvents Or Carriers; Supracide; ...4.0417

HERBICIDES FOR VEGETABLES ...Allium; Cucumis Sativus; Fungal Resistance; Pesticide Evaluation; Plant Resistance; Soil Environment -other; Tok; Virus Resistance; ...4.0420

CONTROL OF ARTHROPOD PESTS OF COTTON ...Animal Resistance; Costs -see Economics Entries; Gossypium; Pesticide Action on Plants; Pesticide Persistance in Soils; Pesticides Compatibility; Toxaphene; ...4.0425

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

PESTICIDE INTERACTIONS - INFLUENCE ON PLANT GROWTH AND MECHANISMS OF TOXICITY AND DETOXICATION ...Carbamates -nonspecific; Pesticide Action on Plants; Temperature - Air; Urea Cpds. -nonspecific; ...4.0427

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUECURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Sevin; TDE; ...4.0429

PHYSIOLOGICAL MECHANISMS INVOLVED IN SELECTIVE PHYTOTOXIC ACTION OF HERBICIDES ...Chelation & Complexing; Cipc; Herbicides and Other Chem; Nucleic Acid Compounds; Pyriclor; ...4.0430

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Economic Losses (or Benefits); Furadan; Malathion; Oleaceae; Population Dynamics - general; Thimet; ...4.0433

BIONOMICS OF THE CEREAL LEAF BEETLE ...Aliphatic Carbamates; Furadan; Insect Resistance; Pesticide Evaluation; Thimet; Triticum; ...4.0434

INTEGRATED CONTROL OF INSECT AND MITE PESTS OF APPLE ORCHARDS ...Arachnida; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pesticide Evaluation; Population Dynamics -general; ...4.0441

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida; Formetanate; Guthion; Imidan; Nemacur P; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Absorption (incl. Adsorption); Captan; Chlorophyll; Dieldrin;

Metabolites From Pesticides; Photosynthesis; Respiration; Translocation; ...4.0443

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Panicum -other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Petroleum Cpds. -nonspecific; Soil Tillage; Zea Mays - Field Corn; ...4.0445

GRAIN SORGHUM VARIETAL EXPERIMENTS ...Disease Resistance; Drought Resistance; Insecticides -nonspecific; Sorghum; Wildlife -nonspecific; ...4.0446

SWEET SORGHUM VARIETAL EXPERIMENTS ...Arid and Desert Regions; Bos; Insecticides -nonspecific; Irrigation; Sorghum; Space Competition; Temperature - Air; ...4.0447

SUPPRESSION OF MYCOFLORA AND MYCOTOXINS IN NEWLY COMBINED, PARTIALLY CURED PEANUTS ...Aerosols - Smokes, Fogs, Steam; Arachis; Fungicides -nonspecific; Sulfur Dioxide; ...4.0448

THE DISEASES OF TURFGRASSES AND THEIR CONTROL ...Agrostis; Cynodon; PMA; TBZ; Thiram; ...4.0449

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pisum; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan; Liquids Or Sprays; Malathion; Pesticide Application Rates; Phosalone; Prunus Domestica; Residues in Foods; ...4.0455

TURFGRASS WEED CONTROL ...Bensulide; Digitaria; Gramineae -other; Pesticide Interaction With Env; Temperature - Air; Turf; ...4.0459

MECHANISMS OF PLANT GROWTH REGULATION ...Avena Sativa; Growth Substances; Hydrogen; Respiration; Ultra Violet Radiation; ...4.0461

DEVELOPMENT OF THE EASTERN SPRUCE GALL APHID AND ITS CONTROL ...Animal Life History Studies; Lindane; Liquids Or Sprays; Pesticide Application Rates; Picea; ...4.0463

CONTROL OF WEEDS ...Ametryn; Diuron; Pesticide Formulation; Pesticides -other; Puerto Rico; Saccharum; ...4.0471

EFFECT OF PROCESSING ON SYSTEMIC PESTICIDES IN COFFEE, PINEAPPLE, AND TOMATO ...Bayer Compounds; Chemical Analysis; Food Contamination; Pesticide Action on Plants; Phosphorus and Phosphorus Cpds; Rubiaceae; ...4.0472

EVALUATION OF HERBICIDES AND THEIR INFLUENCE ON THE PHYSIOLOGY OF VEGETABLE CROPS ...Absorption (incl. Adsorption); Cruciferae; Irrigation; Pesticide Application Rates; Respiration; Trifluralin; ...4.0473

BIOLOGY AND CONTROL OF ARTHROPODS ON APPLES ...Acaricides -nonspecific; Animal Life History Studies; Biological Control; Chlorphenamidine; Monitor; Pesticide Evaluation; Phosalone; ...4.0475

IMPROVEMENTS OF FLUE-CURED TOBACCO BY DEVELOPMENT OF MORE ADEQUATE FERTILIZATION, AND CROPPING SYSTE ...Penar; Pesticide Evaluation; Plant Tissue Analysis -chem.; Soil Tillage; Space Competition; Tillage, Cropping Systems; ...4.0476

TOBACCO PLANT BED MANAGEMENT RESEARCH ...Diphenamid; Nematoda; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0477

FUNGITOXICITY AND PHYTOTOXICITY OF PLANT DISEASE CONTROL CHEMICALS ...Fungicides -nonspecific; Herbicides and Other Chem; Pesticide Rates -general; Plant Pathogenetic Fungi; Plant Phenology; ...4.0478

EVALUATING NEW FUNGICIDES ...Capsicum; Disulfoton, Granules, Capsules; Liquids Or Sprays; Pesticide Evaluation; Rain; Vegetables; ...4.0479

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Granules, Capsules; Insecticides -nonspecific; Nematocides -nonspecific; Nematoda; Organophosphorous Cpds.; Ustilaginales; Verticillium; ...4.0480

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Glycine; Nitrogen Metabolism; Pennisetum; Plant Absorption -other; Propachlor; Zea Mays - Field Corn; ...4.0482

LABORATORY SCREENING OF INSECT CONTROL MATERIALS, BROWNSVILLE ...Arachnida; Bioassay; Foreign Agriculture; Formulations -nonspecific; Insecticides -nonspecific; Pesticide Evaluation; ...4.0483

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Climates -general; Flood Irrigation; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Residues; Sandy Soils -see Soil Type; Sprinkler Irrigation; Urea Cpds. -nonspecific; ...4.0484

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Gossypium; Humidity; Pesticide Action on Plants; Radioisotopes -nonspecific; Sandy Soils -see Soil Type; Temperature - Air; ...4.0487

CYTOGENETIC EFFECTS OF FLUORIDE ...Air Pollution -see Specifics; Chemical Mutagenesis; Fluorine; Herbicides and Other Chem; Mutagenesis -nonspecific; Nicotiana; ...4.0488

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Mecoprop; Pesticide Evaluation; Soil Moisture; Triazines -nonspecific; Turf; ...4.0490

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

INSECTICIDES AS RELATED TO COTTON INSECT CONTROL ...Aliphatic Carbamates; Animal Resistance; Arachnida; Gc 6506; Gossypium; Granules, Capsules; Pesticide Evaluation; ...4.0492

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Cucurbita; Dicamba; Herbicides and Other Chem; Medicago; Pesticide Application Rates; Plant Resistance; Pyrazon; ...4.0495

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Chromatography; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Spectrographic Techniques; Surfactants - Wetting Agents; ...4.0502

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Methyl Bromide; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Pesticide Action on Plants; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0509

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Aquifoliaceae; Conifers; Granules, Capsules; Ornamentals; Pesticide Application Rates; Pinus (other Specifics); Senecio; Soil Types -also See Specifics; Washington; ...4.0510

EFFECTS OF HERBICIDES ON TREE FRUITS AND SMALL FRUITS ...Amino Triazole; Fragaria; Lycopersicum; Pesticide Application Rates; Pesticide Safety Measures; ...4.0512

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Environment Accumulation Rates; Linuron; Medicago; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

BIONOMICS OF THE CEREAL LEAF BEETLE ...Animal Life History Studies; Insecticides -nonspecific; Michigan; Pesticide Evaluation; Phalarideae; Soil Moisture; ...4.0514

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

FERTILITY OF FOREST NURSERY SOILS ...Aluminum; Cold Resistance; Forest Pathology; Maneb; Plant Residues, Humus, Compost; Soil Cover Crops; ...4.0517

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Application Rates; Pinus (other Specifics); Prunus Cerasus & P. Avium; Soil Moisture; Translocation; Ulmaceae; ...4.0519

WEED CONTROL IN SUGAR BEETS ...Amaranthaceae; Chenopodiaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; ...4.0525

REMOVAL OF COMPETING PAMPAS GRASS (CORTADERIA SELLOANA) FROM REDWOOD REFORESTATION AREAS ...D, 2,4-; Gramineae; Mammals -nonspecific; Pesticide Application Rates; Pesticide Formulation; Picea; Sequoia; ...4.0541

ASPECTS OF THE BIOCHEMICAL TOXICOLOGY OF INSECTICIDE CHEMICALS ...Insecticides -nonspecific; Pesticide Residue Analysis; ...4.0547

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Biological Control; Birds; Forest Environment - general; Passeriformes; Pesticide in Food Chains; Physical Control; ...4.0549

TOXICOLOGY OF SELECTED PESTICIDES IN SELECTED WILDLIFE SPECIES ...Behavior -vertebrate; Mallard; Odocoileus; Pathology; Pesticides -nonspecific; Quail; ...4.0581

IDENTIFICATION, BIOLOGY AND CONTROL OF INSECTS ATTACKING SWEET CORN ...Animal Life History Studies; Biological Control; Gardona; Methomyl; Parathion; Pesticide Evaluation; Zea Mays - Field Corn; ...4.0585

STUDY OF HERBICIDES SELECTIVITY USING INTRA-SPECIES PLANT INDICATORS ...Absorption (incl. Adsorption); Carbon; Mineral Nutrition; Photosynthesis; Respiration; Tok; ...4.0614

EFFECT OF CHEMICALS ON BENEFICIAL INSECTS ...Arachnida; Biological Control; Granules, Capsules; Liquids Or Sprays; Pesticide Action on Animals; Population Dynamics - general; ...4.0692

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Aquifoliaceae; Ericaceae; Juniperus; Pesticide Action on Plants; Potted Plants -see Ornamentals; Simazine; Terbacil; ...4.0761

SELECTIVITY AND MODE OF ACTION OF HERBICIDAL CHEMICALS ...Atrazine; D, 2,4-; Herbicides and Other Chem; Pesticide Action on Plants; Plant Absorption -other; ...4.0834

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN LIVESTOCK AND POULTRY ...Animal Resistance; Bos; Ddvp; Gallus Domesticus; Liquids Or Sprays; Pesticides - other; Ronnel; ...4.0869

CORN EARWORM CONTROL ...Bay 93820; Chlorphenamidine; Methomyl; Sevin; Zea Mays - Field Corn; ...4.0898

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Phaseolus; Phosvel; Thimet; ...4.0911

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Animal Resistance; Chemical Degradation; Insecticides -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Residues; Sevin; ...4.0922

REPELLENT ADDITIVES TO REDUCE PESTICIDE HAZARDS TO HONEY BEES ...Aerosols - Smokes, Fogs, Steam; Humidity; Insects - Beneficial; Pesticide Interaction With Env; Temperature - Air; ...4.0931

PESTICIDE RESIDUES - THEIR NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND SOILS ...Herbicides and Other Chem; Humidity; Pesticide Action on Plants; Pesticide Residues; Soil Types -also See Specifics; ...4.0935

WEED CONTROL IN FRUIT CROPS, WITH SPECIAL REFERENCE TO APPLE AND PEACH ...Dichlobenil; Economics of Chemical Control; Liquids Or Sprays; Pesticide Action on Plants; Prunus Persica; Simazine; ...4.0936

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Competition Among Thallophytes; Gibberella; Gliotoxin; Nematocides -nonspecific, Non-symbiotic N-fixation; Soil Microbiology; Viridin; ...4.0945

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; Trifluralin; ...4.0950

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticides -see Pesticide; ...4.0978

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biological Control; Chlorphenamidine; Gardona; Insects - Beneficial; Liquids Or Sprays; Oxthioquinox; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; Zea Mays - Field Corn; ...4.0982

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Labiatae; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganism-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

CHEMICAL CONTROL OF WEEDS IN NURSERY AND TURF PLANTINGS ...Agropyron; Cyperaceae; Gramineae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Phenology; ...4.1012

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cassia; Cotoran; Foliar Absorption; Leaf Analysis; Plant Tissue Analysis -chem.; Root Absorption; ...4.1018

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Atrazine; Bioassay; Environment Accumulation Rates; Loam - see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Prometryne; Soil Types -also See Specifics; ...4.1035

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticides -see Pesticide; Plant; ...4.1075

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Insecticides -nonspecific; Pesticide Absorption Rates; Pesticide Formulation; Pesticide Residues; Pesticide Toxicity - general; Plant; Plant Resistance; ...4.1079

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis; Quinone Cpds. - nonspecific; Triazines -nonspecific; ...4.1086

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Prometryne; Soil Moisture; Soil pH; Solar Radiation - sunshine; Trifluralin; ...4.1109

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues Removal; Sorghum; ...4.1117

COMPARISON OF NUTRIENTS OF PEANUTS FROM SOILS WITHOUT AND WITH LINDANE TREATMENT ...Arachis;

Fruit Analysis; Herbicides and Other Chem; Lindane; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Residues in Foods; ...4.1119

PESTICIDE ANALYSIS, COLLEGE STATION ...Aliphatic Carbamates; Gc 6506; Muridae; Pesticide Formulation; Pesticide Residues; Thin Layer Chromatography; ...4.1122

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Bacillus Thuringiensis; Brassica Species; Chemical Analysis; Gas Chromatography; Pesticide Evaluation; Pesticide Residues; Soil Contamination -other; Thimet; ...4.1132

Pesticide Rates -general

EFFECTS OF SELECTED PESTICIDES SINGLY AND IN COMBINATION WITH OZONE ON SELECTED PLANT SPECIES ...Air Pollution -see Specifics; Herbicides and Other Chem; Pesticide Interaction -gen.; Pesticide Phytotoxicity; Pesticides -nonspecific; ...1.0404

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

RELATIONSHIP OF PESTICIDES IN SOIL, WATER AND PLANTS ...Contamination - Soil; Herbicides -nonspecific; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Microbiology; Water Pollutants - Path of; ...4.0126

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

PERSISTENCE AND MODES OF HERBICIDE DISSIPATION UNDER RANGELAND CONDITIONS ...Bioassay; Herbicides - nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Persistance in Soils; Pesticide Residues; ...4.0183

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Air Pollution -see Specifics; Herbicides -nonspecific; Pesticide Action on Plants, Plant Physiological Ecology, Seeds; ...4.0224

CONTROL OF POSTHARVEST CHEMICAL RESIDUES IN OR ON CITRUS FRUITS ...Cyclic Organic Cpds. -(1 Or ; Pesticide Residues Removal; Residues in Foods; ...4.0275

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Plant; Residues in Foods; Vegetables; ...4.0348

RESPONSE OF PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Amino Triazole; Dalapon; Environment Accumulation Rates; Pesticide Evaluation; Pesticide Residues; Riparian Plants; TCA; ...4.0393

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Bensulide; Environment Accumulation Rates; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Triazines -nonspecific; ...4.0484

PREPARATION AND BIOASSAY OF SMOKE CONDENSATE FROM TOBACCO SAMPLES ...Bioassays; Co-carcinogenesis; Maleic Hydrazide; Nicotiana; Tobacco -cigarettes; Tween-80 -see Surfactants; ...4.0495

FUNGITOXICITY AND PHYTOTOXICITY OF PLANT DISEASE CONTROL CHEMICALS ...Fungicides -nonspecific; Herbicides and Other Chem; Pesticide Phytotoxicity; Plant Pathogenetic Fungi; Plant Phenology; ...4.0478

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Chemical Analysis; D, 2,4- ; Environment Accumulation Rates; Residues in Foods; ...4.0526

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Herbicides -nonspecific; Herbicides and Other Chem; Pesticide Persistance in Soils; Pesticide Residues; Tissue Accumulation Rates; ...4.0527

LIPOLYSIS OF MILK AND OTHER ANIMAL FATS AS INFLUENCED BY PESTICIDE RESIDUES ...DDT; Food Contamination; Parathion; Pesticide Formulation; Sevin; ...4.0583

INTERACTIONS OF PESTICIDES, DRUGS AND OTHER CHEMICALS ...Bioassay; Environmental Effects - Human; Muridae; Pesticide Action on Animals; Quail; ...4.0613

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0633

CONTROL OF INSECT PESTS OF VEGETABLES BY INSECTICIDES AND PLANT RESISTANCE ...Animal Resistance; Chlordan; Insect Resistance; Pesticide Evaluation; Souanum; Thimet; ...4.0684

COMMUNITY STUDY ON PESTICIDES ...Air Pollution -see Specifics; DDT; Methyl Parathion; Occupational Hazards; Parathion; Pesticide Toxicity in Humans; Toxicology; ...4.0686

72-HR THYROIDAL I125 UPTAKE IN IMMATURE CHANNEL CATFISH FOLLOWING EXPOSURE TO 5 DOSES OF SELECTED TOXICANTS (ABBREV.) ...Chlorinated Hydrocarbons; Ictalurus Punctatus; Iodine; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0709

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...DDT; Iodine; Malathion; Muridae; ...4.0778

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - INTERACTIONS OF ENDRIN AND ANTICONVULSANT DRUGS IN THE CEREBRAL CORTEX OF ANESTHETIZED ANIMALS ...Cebоidea; Endrin; Felidae; Pesticide Action on Animals; Pesticide Toxicity in Humans; Strigiformes; ...4.0813

EFFECT OF NITRATES AND OTHER NITROGENOUS COMPOUNDS ON TOXICITY OF PESTICIDES ...Animal Pharmacology; Domestic Animals; Pesticide Action on Animals; Pesticides -nonspecific; Urine; ...4.0866

TOXICOLOGIC EFFECTS OF HERBICIDE-TREATED PLANTS ON LIVESTOCK ...Atrazine; Chemical Analysis; Feces; Pesticide Action on Animals; Ranunculaceae; Tissue Accumulation Rates; ...4.0874

THE METABOLIC FATE OF AN ORGANIC PHOSPHATE INSECTICIDE (GS-13005) WHEN FED TO DAIRY CATTLE ...Animal; Domestic Animals; Microorganism-see Cell. Catab.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0884

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

CHLORINATED INSECTICIDE RESIDUES IN ANIMAL PRODUCTS AND FEEDS ...Chemical Analysis; Chlorinated Hydrocarbons; Domestic Animals; Insecticides -nonspecific; Pesticide Residues; Pesticide Residues in Feeds; Residues in Foods; ...4.0955

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Chemical Analysis; Feces; Metabolites From Pesticides; Pesticide Residues; Phoevel; Tissue Accumulation Rates; ...4.1020

KINDS AND LEVELS OF PESTICIDES OR METABOLIC PRODUCTS IN TOBACCO LEAF AND SMOKE ...Fungicides - nonspecific; Maleic Hydrazide; Nicotiana; Pesticides -other; ...4.1089

PESTICIDE RESIDUE ANALYSIS, KERRVILLE ...Aerosols - Smokes, Fogs, Steam; Arachnida; Clodrin; Dursban; Lindane; Ronnel; ...4.1124

Pesticide Residue Analysis

DEVELOP IN-HOUSE CAPABILITY IN WATER QUALITY TECHNIQUES FOR ANALYSES OF HEAVY METALS, BACTERIA, AND PESTICIDE RESIDUES ...Bacterial Pollutant Sources; Chemical Analysis (water); Pesticide Formulation; Pesticides -nonspecific; Pesticides -other; Pesticides -see Pesticide; Water Bacteria; ...2.0655

IMPROVING WATER QUALITY BY REMOVAL OF PESTICIDE POLLUTANTS WITH AQUATIC PLANTS ...Degradation -see Pesticide Deg; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -nonspecific; Plant; Radioisotopes -nonspecific; ...2.1118

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

FISHERIES UNIT ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Catostomidae; Cladocera; Mark, Tag Or Capture -other; Pesticides -see Pesticide; Population Dynamics -general; ...4.0066

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg. Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Biological Effects; Cellular Catabolism-see Degrad; DDT; Dieldrin; Lake Michigan; Microorganism-see Cell. Catab.; Pesticide Residues Removal; ...4.0075

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Aroclor; DDT; Pesticide Movement in Soils, Pesticides -see Pesticide; Radioisotopes - nonspecific; Soil Chemical Properties; Soil Organic Content; ...4.0087

LONG-TERM EFFECTS OF DIFFERENT SYSTEMS OF WEED CONTROL IN CROP ROTATIONS ON ECOLOGY AND CROP PRODUCT ...Microorganisms -nonspecific; Pesticide Action on Plants; Soil Chemical Properties; Soil Microbiology; ...4.0105

CHEMISTRY OF PESTICIDES IN SOILS ...Arsenic; Chemical Analysis; Cucumis Sativus; DDT; Plant Resistance; Zea Mays - Field Corn; ...4.0119

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Drift; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

CHEMICAL RESEARCH ON INSECTICIDES AND THEIR FORMULATIONS ...Abate; Animal Pests; Carriers -non-liquid; Pesticide Action on Animals; Pesticide Interaction With Env; Plant; ...4.0146

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Oregon; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Organic Content; Soil Profile; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Physical Degradation; Plant; Pythium; Rhinotocnia; Soil pH; Thielaviopsis, Verticillium; ...4.0212

DEVELOPMENT OF SAFE & EFFECTIVE MATERIALS FOR MANAGEMENT OF WESTERN FOREST INSECT POPULATIONS ...Aerosols - Smokes, Fogs, Steam; Bioassay; Methomyl; Pesticide Evaluation; Pesticide Residues; Population Dynamics - general; Translocation; ...4.0220

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Degradation; Pesticide Degradation - see Deg; Pesticide Toxicity -general; Pesticide Toxicity in Animals; Pesticides -nonspecific; ...4.0268

PESTICIDE RESIDUES IN PLANTS ANIMALS AND SOILS ...Carbamates -nonspecific; Carbon; Fungicides -nonspecific; Pesticide Phytotoxicity; Sulfur; ...4.0298

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF SELECTIVITY OF HERBICIDES ...Absorption (incl. Adsorption); Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Movement in Soils; Physiological Resistance; Translocation; ...4.0345

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

BIOASSAY OF PESTICIDE RESIDUES ON FRESH FRUITS AND VEGETABLES ...Bioassay; Pesticide in Food Chains, Pesticide Phytotoxicity, Pesticide Residues; Pesticides -nonspecific; Vegetables; ...4.0407

BIOASSAY OF PESTICIDE RESIDUES ON PROCESSED FRUITS AND VEGETABLES ...Bioassay; Fungicides -nonspecific; Insecticides -nonspecific; Pesticide in Food Chains, Residues in Foods, Vegetables; ...4.0408

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residues in Feeds; Plant; Solanum; ...4.0435

INTEGRATED CONTROL OF INSECT AND MITE PESTS OF APPLE ORCHARDS ...Arachnida; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0441

PESTICIDE RESIDUES IN FOODS - REMOVAL, DEGRADATION, AND ANALYSIS ...Gas Chromatography; Metabolites From Pesticides; Methyl Bromide; Pesticide Residues Removal; Residues in Foods; Ultra Violet Radiation; ...4.0450

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol, Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Plictran; Torak; UC 34096; ...4.0503

ASPECTS OF THE BIOCHEMICAL TOXICOLOGY OF INSECTICIDE CHEMICALS ...Insecticides -nonspecific; Pesticide Phytotoxicity; ...4.0547

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Baytex; Dursban; Imidan; Mca-600; Pesticide Evaluation; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.0602

RESIDUES IN MILK FROM COWS FED INSECTICIDE-CONTAMINATED FORAGE ...Bos; Insect Resistance; Pesticide Action on Animals; Pesticide Residues, Phosphorothioate Cpds.; ...4.0603

METABOLISM AND DEPOSITION OF INSECTICIDES IN FOWL ...Carbamates -nonspecific; Domestic Animals; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Action on Animals; Pesticide in Food Chains; ...4.0606

INSECTICIDE METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Birds; Developmental Physiology; Insect Chemosterilants -ns.; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues in Feeds; ...4.0607

DIELDRIN BUILD-UP AND DISSIPATION RATE IN FATTY TISSUES OF BEEF CATTLE FED DIFFERENT LEVELS OF ALDRIN ...Aldrin; DDT; Laboratory Animals; Pesticide Residues in Feeds; ...4.0609

STUDY OF HERBICIDES SELECTIVITY USING INTRA-SPECIES PLANT INDICATORS ...Absorption (incl. Adsorption); Carbon; Mineral Nutrition; Pesticide Phytotoxicity; Photosynthesis; Respiration; Tok; ...4.0614

EFFECTS OF DDT AND ANALOGUES ON REPRODUCTION IN DOMESTIC MAMMALS AND BIRDS ...Birds; DDT; Gallus Domesticus; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; TDE; ...4.0636

METABOLISM OF PESTICIDES IN CATTLE ...Animal Pests; Bos, Domestic Animals; Pesticide Residues in Feeds; Tissue Accumulation Rates; Urine; ...4.0649

STUDIES IN CHEMICAL METHODOLOGY FOR DETERMINATION OF PESTICIDE RESIDUES ...Chemical Analysis; DDT; Dieldrin; Laboratory Animals; Mallard; Pesticide Residues; ...4.0652

EFFECTS OF PESTICIDES ON NON-TARGET ORGANISMS ...Animal; Arachnida; Dieldrin; Pesticide in Food Chains; Scophulariaceae; ...4.0667

PATHOLOGIC EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS USED IN THE ENVIRONMENT - THE TOXICITY OF NITRATES ...Animal Pharmacology; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Rodentia -other; Tissue Accumulation Rates; ...4.0675

EFFECTS OF A PESTICIDE ON REPRODUCTION OF CONFINED COTTONTAILS ...Captive Rearing; Mammals; Pesticide Action on Animals, Pesticide Formulation; Population Dynamics - general; ...4.0747

DETECTION OF PESTICIDE EXPOSURE - EVALUATION OF BLOOD CHOLINESTERASE VALUES ...Biochemical Analysis - Tissues, Organophosphorous Cpds.; Pesticide Toxicity in Humans; Toxic Substances, Toxicology; ...4.0811

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - ANALYSIS OF EFG CHANGES INDUCED BY CHRONIC ENDRIN ADMINISTRATION ...Chlorinated Hydrocarbons; Endrin, Residues in Foods; Toxicology; ...4.0814

THE INFLUENCE OF PESTICIDES ON MORTALITY RATES OF BIRDS ...Animal Productivity; Birds; Computer Methods -general; Pelecaniformes; Pesticides -nonspecific; Population Dynamics - general; ...4.0828

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Animal Resistance; Bos; Herbicides and Other Chem; Mammals -nonspecific; Pesticide Action on Plants; Pesticide Residues; Sevin; ...4.0860

LIVESTOCK DETOXICATING MECHANISMS OF PESTICIDES ...Birds; Ciodrin; Domestic Animals; Gallus Domesticus; Ovis; Pesticide Residues Removal; Residues in Foods; ...4.0870

TOXICOLOGICAL EFFECTS OF VARIOUS PESTICIDES AND OTHER AGRICULTURAL CHEMICALS ON LIVESTOCK AND POULTRY ...Acaricides -nonspecific; Deet; Fungicides - nonspecific; Herbicides -nonspecific; Nematocides -nonspecific; Sus; ...4.0871

INSECTICIDES AND EGG-SHELL DEPOSITION ...Annelida; Birds; DDT; Endangered Species; Fish; Lake Michigan; Pesticide in Food Chains; ...4.0913

FATE OF INSECTICIDE CHEMICALS IN RELATION TO NON-PERSISTENCE AND SPECIES SPECIFICITY ...Allethrin; Bux-ten; Metabolites From Pesticides; Pyrethrum; ...4.0926

PESTICIDE RESIDUES - THEIR NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND SOILS ...Herbicides and Other Chem; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticide Residues; Soil Types -also See Specifics; ...4.0935

PESTICIDE RESIDUES AND METABOLITES ...Arachis; Gas Chromatography; Pesticide in Food Chains; Pesticide Tolerance Rate; Sevin; ...4.0942

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; TDE; Thiodan; ...4.0954

EVALUATION OF PESTICIDE RESIDUE PROBLEM IN MONTANA ...Chlordan; Domestic Animals; Heptachlor Epoxide; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; ...4.0964

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticides -other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Cucurbita; Liquids Or Sprays; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Plant Growth Regulators -ns.; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

ANALYTICAL SERVICES ...Insecticides -nonspecific; Livestock - nonspecific; Plant Tissue Analysis -chem.; ...4.0984

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination - other; Urine; ...4.0987

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Herbicides -nonspecific; Soil Chemical Properties; ...4.0992

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

PHYSIOLOGY OF CITRUS FRUIT ABSCISSION ...Abscission; Citrus; Cycloheximide; Enzymes; Herbicides and Other Chem; Pesticide Evaluation; Temperature - Air; ...4.1007

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Chemical Analysis; Feces; Metabolites From Pesticides; Pesticide Rates -general; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.1020

MODE OF ACTION OF INSECTICIDES ...Animal; Herbicides and Other Chem; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Action on Plants; Plant; ...4.1032

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bux-ten; Disulfoton; Guthion; Monitor; Nicotine; Photoperiod; Temperature - Air; ...4.1036

MONITORING OF PESTICIDE LEVELS IN THE GREAT LAKES ...Aquatic Ecology - Animal; Fish; Great Lakes -see Specific Lake; Lakes; Pollution Effects -see Water; ...4.1045

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Biodegradation; Home Economics; Pesticide Residues Removal; Residues in Foods; ...4.1049

DEVELOPMENT OF TECHNIQUES FOR IDENTIFICATION OF PESTICIDES AND THEIR METABOLITES BY MASS SPECTROMETRY ...Carbon; Chemical Analysis (water); Insecticides - nonspecific; Mass Spectroscopy; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.1056

UPDATING THE 'HANDBOOK OF PROCEDURES FOR PESTICIDE RESIDUE ANALYSIS' - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Chemical Analysis (water); Chemical Analysis -general; Handbooks; Pesticides -nonspecific; Pesticides -see Pesticide; ...4.1062

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Ciodrin; DDT; Ericaceae; Gardona; Metabolites From Pesticides; Pesticide Residues in Feeds; Plant Growth Regulators -ns.; ...4.1076

DEVELOPMENT OF APPLE SPRAY PROGRAMS IN RELATION TO SPRAY RESIDUE RESTRICTIONS ...Degradation; Furadan; Guthion; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrus Malus; ...4.1082

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Liquids Or Sprays; Maloran; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals; Phleum; Silvex; Terbacil; Zea Mays - Field Corn; ...4.1083

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY ...Abscission; B9; Fruit Analysis; Naa; Pesticides -other; Prunus Cerasus & P. Avium; Pyrus Malus; ...4.1084

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES ...D, 2,4-; Pesticide Action on Plants; Residues in Foods; Storage Changes; ...4.1094

METABOLITE FORMATION IN METABOLISM OF TRIAZINE HERBICIDES BY THE ANIMAL ...Animal; Capra; Metabolites From Pesticides; Ovis; Pesticide Formulation; Prometone; Radioisotopes -nonspecific; ...4.1096

ANALYTICAL METHODS FOR PESTICIDES AND PESTICIDE DEGRADATION PRODUCTS ...Bos; Degradation -see Pesticide Deg; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Sumithion; ...4.1103

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

USE OF INSECTICIDES LABELLED WITH PHOSPHORUS-32 AND TRITIUM FOR THE DETERMINATION OF PESTICIDE RESIDUES ...Foreign Agriculture; Insecticides -nonspecific; Phosphorus; Spain; ...4.1112

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Computer Methods -general; Food Supply; Forest Environment -general; Mark, Tag Or Capture; Pesticides - nonspecific; Quail; ...4.1113

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Heptachlor; Liquids Or Sprays; Pesticide Residues in Feeds; Pesticide Toxicity in Animals; TDE; ...4.1114

PESTICIDE ANALYSIS, COLLEGE STATION ...Aliphatic Carbamates; Gc 6506; Muridae; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Thin Layer Chromatography; ...4.1123

METHODS OF ANALYSIS FOR PESTICIDES, KERRVILLE ...Bos; Ciodrin; Ddvp; Domestic Animals; Gallus Domesticus; Gardona; Sus; ...4.1125

STUDY OF THRIPS TABACI, ITS BIOLOGY AND ECOLOGY, A VIRUS VECTOR ON TOBACCO ...Animal Life History Studies; Insect Resistance; Nicotiana; Phenols; Population Dynamics - general; ...4.1134

RADIOACTIVE TRACER STUDIES OF SOIL AND LITTER ARTHROPOD FOOD CHAINS ...Animal Productivity; Arthropods; Energy Budgets; Pesticide in Food Chains; Radioactive Contamination; ...5.0816

Bioassay

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interacuon With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

ENZYME SYSTEMS OF ESTUARINE ORGANISMS ...Contamination - Water; Fish; Invertebrate Physiology; Organophosphorous Cpds.; Pesticides -see Pesticide; Wildlife Toxicity; ...2.0546

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

ENERGY EXPENDITURES FOR OSMOTIC AND IONIC REGULATION IN DAPHNIA ...Cladocera; Invertebrate Physiology; Salinity (water); ...2.0761

THE BIOASSAY OF WATER POLLUTANTS WITH CULTURED MAMMALIAN CELLS ...Detergents -see Surfactants; Pesticide Formulation; Pesticides -nonspecific; Water Pollutant Identification; ...2.0769

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Low Temp. - But Above 32f; Pesticide Action on Plants; Pesticide Residues; Plant Resistance; Soil Microbiology; Translocation; ...4.0032

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0[illegible]

A STUDY ON THE FEASIBILITY OF LOW VOLUME APPLICATION OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Emulsifiers; Liquids Or Sprays; Low Volume; Methyl Parathion; Pesticide Application Equip.; Pesticide Evaluation; Strobane; ...4.0044

EVALUATION OF LOW VOLUME CONCENTRATE FORMULATIONS OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Chromatography Liquids Or Sprays; Pesticide Application Equip.; Pesticide Evaluation; Potted Plants -see Ornamentals; ...4.0045

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Cotoran; Leaching; Msma; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides -see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

EQUIPMENT AND TECHNIQUES FOR WEED CONTROL ...Gas Chromatography; Physical Control; Spectrographic Techniques; ...4.0111

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

ANNUAL AND PERENNIAL WEED CONTROL IN SORGHUM, WINTER WHEAT AND SUMMER FALLOWED LAND ...Atrazine; Chemical Tillage Or Nontillage; Minimum Tillage; Pesticide Evaluation; Pesticide Persistance in Soils; Sorghum; Tillage, Cropping Systems; ...4.0113

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...DDT; Environment Accumulation Rates; Leaching; Lindane; Pesticide Movement in Soils; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0129

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Carbon; Chemical Analysis; Growth Substances; Metabolism of Algacides; Pesticide Degradation -see Deg; Plant Growth Regulators -ns.; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

CHEMICAL RESEARCH ON INSECTICIDES AND THEIR FORMULATIONS ...Abate; Animal Pests; Carriers -non-liquid; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Residue Analysis; Plant; ...4.0146

CROP & WEED RESPONSE TO HERBICIDES & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Agritox; Baygon; Chlordan; Dieldrin; Pesticide Application Rates; Pesticide Formulation; Pesticide Residues; Plant Phenology; ...4.0150

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Colloids; Pesticide Formulation; Pesticide Persistence in Soils; Pesticide Residues; Plant Tissue Analysis -chem.; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vm-438; ...4.0172

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Herbicides -nonspecific; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Soil Types -also See Specifics; ...4.0177

PERSISTENCE AND MODES OF HERBICIDE DISSIPATION UNDER RANGELAND CONDITIONS ...Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Persistance in Soils; Pesticide Rates -general; Pesticide Residues; ...4.0183

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation - see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Cyclic Organic Cpds. -(1 Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

DEVELOPMENT OF SAFE & EFFECTIVE MATERIALS FOR MANAGEMENT OF WESTERN FOREST INSECT POPULATIONS ...Aerosols - Smokes, Fogs, Steam; Methomyl; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Translocation; ...4.0220

DETECTION AND DETERMINATION OF FUNGICIDES, BACTERICIDES, AND CHEMOTHERAPEUTIC AGENTS ...Benlate, Butylamine; Catalysts; Degradation; Methyl Bromide; Sandy Soils -see Soil Type; TBZ; ...4.0238

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Benlate; Fungal Physiology; Granules, Capsules; Irrigation; Pesticide

Phytotoxicity; Plant Population Dynamics -gen; Thimet; Western U. S.; ...4.0243

HERBICIDE SCREENING STUDIES ON SUGAR BEETS ...Computer Methods -general; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Residues; ...4.0251

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

POTENTIAL EFFECTS OF HERBICIDES ON PLANT METABOLITES AND RESIDUES IN CROPS AND SOIL ...Herbicides -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Application Rates; Pesticide Phytotoxicity; Plant; ...4.0301

DEVELOPMENT OF SYSTEMIC PESTICIDES WITH LOW PHYTO- AND MAMMALIAN-TOXICITY PROPERTIES: ...Cts; Foliar Absorption; Pesticide Absorption Rates; Pesticide Phytotoxicity; Plant Absorption -other; Root Absorption; ...4.0302

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Air Pollution; D, 2,4-; Monitoring Systems; Preventative Measures; ...4.0311

WEED CONTROL INVESTIGATIONS ...Atrazine; Convolvulaceae; Cultural Control; Pesticide Movement in Soils; Picloram; Surfactants - Wetting Agents; Triticum; ...4.0314

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS ...Carya; Fruit, Nut, and Berry Crops; Growth Substances; Herbicides and Other Chem; Photosynthesis; Radioisotopes -nonspecific; Tiba; ...4.0315

FATE OF MALATHION RESIDUES ON GRAIN SORGHUMS ...Chemical Degradation; Degradation; Malathion; Pesticide Evaluation; Pesticide Residues; Radioisotopes -nonspecific; Sorghum; ...4.0318

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Liquids Or Sprays; Nicotiana; Pesticide Action on Plants; Pesticide Evaluation; Plant Resistance; Simazine; Zea Mays - Field Corn; ...4.0327

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran, Vernolate; ...4.0344

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

TOXIC CHEMICALS IN PLANTS AND THEIR RESIDUAL EFFECTS ...Amiben; Carotenoid Pigments; Growth Substances; Iridaceae; Pesticide Formulation; ...4.0368

WEED CONTROL IN SORGHUM ...Herbicides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Pesticide Residues; Soil Tillage; Sorghum; ...4.0371

WEED CONTROL IN SOYBEANS ...Glycine; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0372

THE USE OF HERBICIDES FOR WEED CONTROL IN COTTON ...Economics of Chemical Control; Herbicides -nonspecific; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Tillage; ...4.0373

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Msma; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

BIOASSAY OF PESTICIDE RESIDUES ON FRESH FRUITS AND VEGETABLES ...Pesticide in Food Chains; Pesticide Phytotoxicity; Pesticide Residue Analysis; Pesticide Residues; Pesticides - nonspecific; Vegetables; ...4.0407

BIOASSAY OF PESTICIDE RESIDUES ON PROCESSED FRUITS AND VEGETABLES ...Fungicides -nonspecific; Insecticides -nonspecific; Pesticide in Food Chains; Pesticide Residue Analysis; Residues in Foods; Vegetables; ...4.0408

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Alternaria; Hordeum Vulgare; Myrothecium; Pesticide Evaluation; Phaseolus; Secale; Vegetables; ...4.0411

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant; Solanum; ...4.0435

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

TURFGRASS WEED CONTROL ...Bensulide; Digitaria; Gramineae -other; Pesticide Interaction With Env; Temperature - Air; Turf; ...4.0459

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Secale; Solanum; Vicia; ...4.0469

LABORATORY SCREENING OF INSECT CONTROL MATERIALS, BROWNSVILLE ...Arachnida; Foreign Agriculture; Formulations -nonspecific; Insecticides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0483

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Climates -general; Flood Irrigation; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Residues; Sandy Soils -see Soil Type; Sprinkler Irrigation; Urea Cpds. -nonspecific; ...4.0484

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Ethrel; Leaf Analysis; Plant Resistance, Pyrus -general; Pyrus Malus; Respiration; Translocation; ...4.0505

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Carbon; IAA; Pesticide Evaluation; Pesticide Interaction With Env; Pesticide Volatility; Plant Absorption - other; ...4.0508

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Animal Resistance; Estuaries; Hippolyte; Marine Animals; Pesticides -nonspecific; San Francisco Bay; ...4.0543

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Estuaries; Methoxychlor; Nutrition; Pesticide Action on Animals; Pesticide Application Rates; ...4.0545

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Carbamates -see Pesticides; Chemical Analysis; Gallus Domesticus; Laboratory Animals; Mammals -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0548

LABORATORY BIOASSAYS ...Fish; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pesticides -nonspecific; ...4.0595

WILDLIFE RESEARCH ...Censusing; Endangered Species; Florida; Pathology; Pelecaniformes; Population Dynamics -general; Spawn Or Nesting Sites; ...4.0596

INTERACTIONS OF PESTICIDES, DRUGS AND OTHER CHEMICALS ...Environmental Effects - Human; Muridae; Pesticide Action on Animals; Pesticide Rates -general; Quail; ...4.0613

CARCINOGENESIS BIOASSAY OF PESTICIDES AND OTHER ENVIRONMENTAL AGENTS ...Animal Resistance; Bioassays; Chemical Carcinogenesis; Food Contamination; Muridae; Pesticide Action on Animals; Pesticides -nonspecific; Tumor Pathology; ...4.0624

TOXICANTS AND BAITS FOR CONTROLLING NUTRIA IN AGRICULTURAL AREAS ...Antimammal Cpds. -nonspecific; Baits, Lures; Control of Nuisance Species; Laboratory Animals; Pesticide Evaluation; Rodentia -other; Spawn Or Nesting Sites; ...4.0627

TOXICOLOGICAL STUDIES WITH JAPANESE QUAIL ...Animal Resistance; Chlorinated Hydrocarbons; Laboratory Animals; Organophosphorous Cpds.; Pesticide Action on Animals; Quail; ...4.0628

THE EFFECTS OF DDT AND OTHER PESTICIDES ON SEBAGO LAKE SALMON ...BHC; DDE; Dieldrin; Pesticide Action on Animals; TDE; ...4.0631

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Estuaries; Laboratory Animals; Parathion; Physiological Effects; Spawn Or Nesting Sites; ...4.0653

FIELD STUDIES OF PESTICIDE EFFECTS ON FISHES ...Animal Productivity; Environmental Physiology; Methoxychlor; Pesticide Action on Animals; Physiological Effects; ...4.0662

THE EFFECTS OF METHOXYCHLOR ON PERCH AND FATHEAD MINNOWS ...Aquatic Ecology - Animal; Minnows; Pesticide Action on Animals; Stocking of Fish & Shellfish; ...4.0678

EFFECTS OF METHOXYCHLOR ON FISH ...Benthic Organisms - nonspecific; Fish; Methoxychlor; Pesticide Action on Animals; ...4.0679

A TISSUE ENZYME ASSAY FOR CHLORINATED HYDROCARBON INSECTICIDES ...Animal; Bioassays; Cyclodiene Cpds. - nonspecific; Lepomis Macrochirus; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0681

MODE OF ACTION OF INSECTICIDES AS RELATED TO INSECT METABOLISM AND BEHAVIOR ...Animal Resistance; Chlordan; DDT; Fish; Pesticide Application Rates; Pyrethrum; Salvelinus; ...4.0682

INTERACTIONS BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Animal Resistance; Fish; Parathion; Pesticide Action on Animals; ...4.0704

INTERACTIONS BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Contamination - Water; Crayfish; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0705

INFLUENCE OF PROTOZOAN ACTIVITY ON HALOGENATED HYDROCARBON RESIDUES - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Aquatic Ecology - Animal; Biodegradation; Fresh Water; Invertebrate Physiology; Pesticides -see Pesticide; Protozoa; ...4.0706

THE INFLUENCES OF ENVIRONMENTAL CONDITIONS ON THE TOXICITY OF PESTICIDES ...Aquatic Ecology - Animal; Bioassays; Fish; Pesticides -nonspecific; Pollution Effects -see Water; Water Pollution Effects; ...4.0708

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES ...Animal Resistance; Centrarchidae; Fish; Ictaluridae; Percidae; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0710

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FRESHWATER FISHES TO THREE TOXICANTS ...Abate; Chlordan; Ictaluridae; Salmonidae; ...4.0711

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES, FY 1971 (ABBREV.) ...Cyprinidae; Genetic Resistance; Ictaluridae; Salmonidae; ...4.0712

SCREENING OF PESTICIDES AGAINST FRESHWATER FISHES, FY 1971 ...Animal Resistance; Environmental Ecology; Fish; Pesticides -nonspecific; Temperature (water); ...4.0713

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...DDT; Dieldrin; Pesticide Action on Animals; Pesticides -see Pesticide; Salmo Gairdneri; Water Pollution Effects; ...4.0724

DEVELOPMENT OF A STRAIN OF FISH RESISTANT TO AN ORGANOPHOSPHATE PROJECT - INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassays; Genetic Resistance; Minnows; Organophosphorous Cpds.; Pesticide Action on Animals; Poeciliid; ...4.0731

INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassays; Ddvp; Minnows; Pesticide Action on Animals; Pesticide Formulation; Physiological Resistance; Poeciliid; ...4.0732

DETERMINATION OF ORGANOPHOSPHATES AND THEIR METABOLITES IN FISH BLOOD SERUM AND THEIR EFFECT ON CHOLINESTERASE ACTIVITY ...Fish; Organophosphorous Cpds.; Pesticide Action on Animals; Water Pollutant Identification; ...4.0733

TOXICITY OF POLYCHLOROBIPHENYL (PCB) COMPOUNDS TO FRESHWATER INVERTEBRATES ...Circulation (water); Invertebrates -nonspecific; Pesticide Toxicity in Animals; Temperature (water); ...4.0735

STATIC BIOASSAY OF PESTICIDES USING FRESHWATER INVERTEBRATES TO OBTAIN PRELIMINARY ACUTE TOXICITY ESTIMATES (ABBREV.) ...Invertebrates -nonspecific; Laboratory Animals; Pesticide Tolerance Rate; Pesticides -nonspecific; Temperature (water); ...4.0736

UPTAKE, DEGRADATION, AND RETENTION OF C14-METHOXYCHLOR IN INVERTEBRATE POPULATIONS ...Animal Productivity; Crustacea; Invertebrate Physiology; Methoxychlor; Pesticide Action on Animals; ...4.0739

EFFECTS OF ETHYL PARATHION ON PHEASANTS ...Bioassays; Parathion; Pesticide Action on Animals; Pheasant; ...4.0756

COLLABORATIVE RESEARCH IN ENZYME INDUCTION BY CHLORINATED HYDROCARBONS IN BIRDS - ITS ECOLOGICAL SIGNIFICANCE ...Air Pollution -see Specifics; Animal Productivity; Calification -vertebrate; Chlorinated Hydrocarbons; Falconiformes; Pesticide Action on Animals; Pigeon; ...4.0780

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

DETERMINATION OF DDT LEVELS IN WHOLE FISH OF BROOK TROUT STRAINS FED CONTROL AND DDT TREATMENT DIETS ...DDT; Pesticide Action on Animals; ...4.0830

TO DETERMINE LEVELS OF DDT AND METABOLITES IN SERUM, MUSCLE AND WHOLE FISH OF STRAINS OF SALMONIDS (ABBREV) ...Chemical Analysis; DDT; Nutrition; Pesticide Action on Animals; Salmo Gairdneri; Salmo Trutta; ...4.0831

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN LIVESTOCK AND POULTRY ...Animal Resistance; Bos; Ddvp; Gallus Domesticus; Liquids Or Sprays; Pesticides - other; Ronnel; ...4.0869

CONTROL OF MITES AND INSECTS ON FRUIT TREES ...Acaricides -nonspecific; Arachnida; Chlorphenamidine; Omite; Plictran; ...4.0879

THE EFFECTS OF ANTIMYCIN A ON THE METABOLISM OF SELECTED TISSUES IN FISH (ABBREV) ...Antimycin A; Bullheads; Control of Nuisance Species; Pesticide Action on Animals; Salmo Gairdneri; ...4.0907

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae, Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

BIOASSAY OF SUCKER CONTROL CHEMICALS AND PESTICIDE RESIDUE ON LEAF TOBACCO ...Carbon; Maleic Hydrazide; Nicotiana; Pesticide Residues; Tobacco Products &/or Smoking; Tween-80 -see Surfactants; ...4.0968

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Pyrus Malus; Sevin; ...4.0990

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganism-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Carbon; Developmental Physiology; Genetic Resistance; Hydrogen; Organophosphorous Cpds.; Pesticide Action on Plants; Pyrethrum; ...4.0999

DETERMINATION OF PESTICIDES IN BIOLOGICAL AND ENVIRONMENTAL SPECIMENS ...Pesticides -nonspecific; Wildlife -nonspecific; ...4.1009

CHEMICAL CONTROL OF WEEDS IN NURSERY AND TURF PLANTINGS ...Agropyron; Cyperaceae; Gramineae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Phenology; ...4.1012

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

PSEUDOCHOLINETERASE ACTIVITY AS AFFECTED BY MODERN AGRICULTURAL CHEMICALS ...Carbamates -nonspecific; Chlorinated Hydrocarbons; Food Contamination; Pesticide in Food Chains; Sevin; ...4.1023

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Atrazine; Environment Accumulation Rates; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Prometryne; Soil Types -also See Specifics; ...4.1035

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Aliphatic Carbamates; Chemical Analysis; Disulfoton; Moisture Deficiency; Pesticide in Food Chains; Pesticide Residues; Preventative Measures; Rubus; ...4.1080

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Concentrates; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture, Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

ECONOMIC EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...BHC; Chemical Analysis; Parathion; Pesticide Residues in Feeds; Residues in Foods; ...4.1110

PESTICIDE RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Cladocera; Fish; Leaf Analysis; Pesticide in Food Chains; Trifluralin; ...4.1111

Chemical Analysis

FISH-MERCURY STUDIES IN THE GREAT LAKES ...Contamination - Water; Fish; Great Lakes -see Specific Lake; Mercury; Organic Water Properties; Pesticide in Food Chains; Waterfowl - nonspecific; ...2.0190

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

MOSQUITO CONTROL - TIDAL MARSHES ...Land Use, Modification Effects; Pesticide Action on Animals; Physical Control; Swamps - Marshes; ...2.0252

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides - see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

DDT IN SNOW FALLEN AT HIGH ALTITUDE SINCE 1950 ...Air Pollution; Canada; DDT; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Snow; Water Pollutants - Path of; ...2.0405

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Depth (water); Fish; Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Bioindicators; Chlorine; Contamination - Water; Mercury; Organic Matter; Pesticides -nonspecific; Population Dynamics -general; Water Pollutant Identification; Zinc; ...2.0466

ORGANIC SUBSTANCES IN WATER ...Analysis and Detection; Chemical Analysis (water); Chlorinated Hydrocarbons; Distillation; Herbicides -nonspecific; Organic Matter; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0496

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Detergents -see Surfactants; Industrial Wastes; Lasers and Masers; Mass Spectroscopy; Pesticides -see Pesticide; Petroleum Research; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

HEAVY METAL RESIDUES IN CHANNEL CATFISH FROM SELECTED WATERSHEDS IN NEBRASKA ...Aquatic Ecology - Animal; Contamination - Water; Lead; Nebraska; Watersheds; ...2.0664

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide, Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

EXPLORATORY STUDY OF LIMITATIONS OF BOD FOR ANIMAL WASTE EVALUATION ...Antihelminth; Atomic Absorption; Biochemical Oxygen Demand; Farm Animal Wastes; Pesticide Residues; Sus; Total Organic Carbon; ...2.0712

QUANTITATIVE METHODS FOR PESTICIDES IN NATURAL WATERS ...Carbamates -nonspecific; Organophosphorous Cpds.; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Turbidity (water); ...2.0757

CONCENTRATION AND ANALYSIS OF PESTICIDES AND OTHER RECALCITRANT MOLECULES IN WATER SUPPLIES BY ULTRAFILTRATION ...Analysis and Detection; Chemical Analysis (water); Pesticide Formulation; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0921

TO STUDY THE ENVIRONMENTAL FACTORS AFFECTING REPRODUCTION IN OSPREYS OF FLATHEAD LAKE, MONTANA ...Calification -vertebrate; Environmental Physiology; Falconiformes; Montana; Pesticides -nonspecific; ...2.1486

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

ENGINEERING TECHNOLOGY FOR APPLICATION OF AGRICULTURAL CHEMICALS ...Insecticides -nonspecific; Low Volume; Pesticide Application Rates; Physical Control; ...4.0001

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides - see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Carbon; Chemical Analysis (water); DDT; Paraquat; Pesticide Residues; Planavin; Soil Chemical Properties; Water Pollutant Identification; ...4.0016

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Pesticide Formulation; Pesticide Toxicity to Microorg; Physical Degradation; Soil Chemical Properties; ...4.0019

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; D, 2,4-; Low Temp. - But Above 32f; Pesticide Action on Plants, Pesticide Residues; Plant Resistance; Soil Microbiology; Translocation; ...4.0032

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

EVALUATION OF LOW VOLUME CONCENTRATE FORMULATIONS OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Chromatography; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Evaluation; Potted Plants -see Ornamentals; ...4.0045

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

DEVELOPMENT OF FIELD METHODS IN SAMPLING WATER FOR PESTICIDE ANALYSIS ...Chemical Extraction; Chlorine; Membranes; Pesticides -see Pesticide; Plastics; Water Chemistry; ...4.0049

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Carbamates -nonspecific; Fertilizers; Land Use; Monitoring Systems; Nutrients; Pesticides -see Pesticide; Soil Analysis; ...4.0056

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds; Ecological Effects; Environmental Ecology; Fish; Lakes; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Fish; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Zea Mays - Field Corn; ...4.0074

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Cotoran; Leaching; Msma; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

REACTIONS OF TRIAZINE-HERBICIDES WITH SOIL COMPONENTS ...Adsorption; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil - Calcareous; Soil Organic Content; ...4.0082

RESIDUES OF SELECTED PESTICIDES - NATURE, DISTRIBUTION, PERSISTENCE IN PLANTS, ANIMALS & PHYSICAL ENVIRONMENTS ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Monitoring Systems; Pesticide Application Rates; Plant; TDE; ...4.0083

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn;

Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

CHEMISTRY OF PESTICIDES IN SOILS ...Arsenic; Cucumis Sativus; DDT; Pesticide Residue Analysis; Plant Resistance; Zea Mays - Field Corn; ...4.0119

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Gas Chromatography; Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific, Bioassay; Carbon; Growth Substances, Metabolism of Algacides; Pesticide Degradation -see Deg; Plant Growth Regulators -ns.; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Climates -general; Environment Accumulation Rates; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...4.0155

PESTICIDE DETOXICATION MECHANISMS OF MICROORGANISMS IN SOIL AND WATER ...Bacterial Identification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Maloran; Pesticide Degradation -see Deg; Sevin; Soil Fungi -nonspecific; Soil Microbiology; ...4.0166

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Bioassay; Colloids; Pesticide Formulation; Pesticide Persistance in Soils; Pesticide Residues; Plant Tissue Analysis -chem.; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

MECHANISM OF ADSORPTION OF VARIOUS HERBICIDES BY SOIL HUMIC SUBSTANCES ...Adsorption; Environment Accumulation Rates; Kinetics; Pesticide Persistance in Soils; Soil Amendments; Soil Chemical Properties; ...4.0171

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers, Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

METABOLITES OF ENDRIN IN SOILS & CROPS ...Chlordan, Dieldrin; Endrin; Heptachlor; Metabolites From Pesticides; Pesticide Degradation -see Deg; Plant; ...4.0180

THE LOSS OF HERBICIDES FROM SOIL ...Adjuvants; Degradation; Pesticide Volatility; Planavin; Soil Chemical Properties; ...4.0182

IDENTIFICATION AND DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND RUNOFF AND DRAINAGE WATERS. ...Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0199

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin Thiodan; ...4.0219

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdaa; Citrus; D, 2,4-; Gel Chromatography; Naa; Pesticide Residues; Vernolate; ...4.0237

PESTICIDE RESIDUE CLEARANCE PROGRAM ...Araceae, Captan; Liquids Or Sprays; Pentachlorophenol; Pesticide Residues, Residues in Foods; ...4.0297

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Air Pollution -see Specifics; Beta Particles; Fragaria; Malathion; Pesticide Interaction With Env; Pesticide Residues Removal; Residues in Foods; X and Gamma Rays; ...4.0308

FATE OF MALATHION RESIDUES GRAIN SORGHUMS ...Herbicides and Other Chem; Malathion; Pesticide Phytotoxicity; Plant; Temperature - Air; Zea Mays - Field Corn; ...4.0319

ATOMIC AND NUCLEAR RESEARCH WITH ACCELERATORS ...Attenuation; Fission Products-see Radioact.; Ionizing Radiation -see Rad.; Nuclear Structure; Residues in Foods; ...4.0320

STATE WIDE WILDLIFE INVESTIGATIONS ...Deer -nonspecific; Forest Fires -see Fire; Mammals; T, 2,4,5-; Wildlife Habitat Management; ...4.0333

QUALITY AND NUTRIENT COMPOSITION OF FOODS TREATED WITH PESTICIDES ...Asparagus; Prunus Persica; Residues in Foods; Zea Mays - Field Corn; ...4.0338

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant; Residues in Foods; Vegetables; ...4.0348

TRANSFORMATIONS OF INSECTICIDES BY PLANTS ...Animal Pests; Degradation; Enzymes; Pesticide Residues; Plant; Radioisotopes -nonspecific; ...4.0349

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

RESEARCH IN METHODS FOR TESTING ECONOMIC POISONS, FEEDS FERTILIZERS AND LIMING MATERIALS ...Aliphatic Carbamates; Organophosphorous Cpds.; Soil Analysis; Solanum; ...4.0400

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl. Adsorption); Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Lycopersicum; Pesticide Organoleptic Prop.; Radioisotopes -nonspecific; Solanum; Vegetables; ...4.0437

INTEGRATED CONTROL OF INSECT AND MITE PESTS OF APPLE ORCHARDS ...Arachnida; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0441

MICROANALYSIS TECHNIQUE TO DETECT HERBICIDES AND THEIR DEGRADATION ...Atrazine; D, 2,4-; Pesticide Action on Plants; Plant; ...4.0460

FOOD CONTAMINATION CONTROL WITH EMPHASIS ON QUALITY AND MARKETABILITY ...Chlorinated Hydrocarbons; Food Contamination; Pesticide Residues Removal; Residues in Foods; Tissue Accumulation Rates; ...4.0465

TRANSFORMATION OF INSECTICIDES BY PLANTS ...Carbon; Dieldrin; Pesticide Action on Plants; Pesticide in Food Chains; Phaseolus; Plant; Sevin; ...4.0467

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Secale; Solanum; Vicia; ...4.0469

EFFECT OF PROCESSING ON SYSTEMIC PESTICIDES IN COFFEE, PINEAPPLE, AND TOMATO ...Bayer Compounds; Food Contamination; Pesticide Action on Plants; Phosphorus and Phosphorus Cpds; Rubiaceae; ...4.0472

CHEMICAL INVESTIGATION OF SURFACE CONTAMINATION OF COTTON FIBERS ...Arsenic; Defoliants; Fibers; Gossypium; Impurity; ...4.0474

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Glycine; Nitrogen Metabolism; Pennisetum; Pesticide Phytotoxicity; Plant Absorption -other; Propachlor; Zea Mays - Field Corn; ...4.0482

DEVELOPMENT AND REFINEMENT OF ANALYTICAL METHODS FOR AGRICULTURAL PRODUCTS ...Animal Pharmacology; Iodine; Lead; Pesticide Residues in Feeds; Pesticide Residues Removal, Pesticides -nonspecific; Vertebrates -nonspecific; ...4.0489

LABELLED PESTICIDES FOR STUDIES OF RECOVERY OF PESTICIDE RESIDUES BY SOLVENT EXTRACTION OF SPIKED & AGED CEREAL SAMPLES (ABBREV) ...British Isles; Ddvp; Foreign Agriculture; Malathion; Pesticide Residues in Feeds; Radioisotopes -nonspecific; ...4.0494

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Ethrel; Leaf Analysis; Plant Resistance; Pyrus -general; Pyrus Malus; Respiration; Translocation; ...4.0505

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...D, 2,4-; Environment Accumulation Rates; Pesticide Rates -general; Residues in Foods; ...4.0526

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Dbee, -2,4-; Fish; Haloragaceae, Paraquat; Pesticide Evaluation; Pesticide in Food Chains; Ponds; ...4.0529

PESTICIDES RESEARCH ...Alaska; DDT; Fish; Invertebrates -nonspecific; Pesticides -see Pesticide; Water Pollution Effects; ...4.0534

CHLORINATED HYDROCARBON IN THE LACTATING BOVINE AND EFFECT ON LIPID METABOLISM ...Bos; DDT; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0537

PESTICIDE DEPOSITION IN POULTRY ...DDT; Food Contamination; Laboratory Animals; Pesticide in Food Chains; Pesticide Residues in Feeds; Residues in Foods; ...4.0538

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Gallus Domesticus; Laboratory Animals; Mammals -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0548

BIOLOGICAL METHODS OF CONTROL FOR INTERNAL PARASITES OF LIVESTOCK ...Animal Pharmacology; Genetic Resistance; Immunology; Lotion; Nematoda; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0555

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; DDT; Difolatan; Laboratory Animals; Methoxychlor; Muridae; Pesticide Persistance in Soils; Phaltan; ...4.0556

STUDIES ON THE ECOLOGICAL PHYSIOLOGY OF MID-WATER CRUSTACEANS ...Carbon; Crustacea; Invertebrate Physiology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Vertical Distribution; ...4.0570

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aldrin; Aramite; Dieldrin; Methoxychlor; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0592

RESPONSES OF DAIRY CATTLE FED FEEDSTUFFS CONTAINING RESIDUES OF CERTAIN AGRICULTURAL CHEMICALS ...Baytex; Feces; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0601

PREVENTION AND DISSIPATION OF PESTICIDE RESIDUES IN THE PRODUCTION OF MARKETABLE MILK AND MEAT PRODUCTS ...Bos; DDE; Liquids Or Sprays; Pesticide Residues Removal; TDE; ...4.0610

ACCELERATED REMOVAL OF INSECTICIDE RESIDUES ...Animal Pharmacology; DDT; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0618

MULTICRITERIAL EVALUATION OF ENVIRONMENTAL PESTICIDES ...Behavior -vertebrate; Dieldrin; Domestic Animals; Livestock -nonspecific; Pesticide Legal Aspects; Pesticide Tolerance Rate; Pesticide Toxicity in Humans; ...4.0619

INVESTIGATIONS OF WILDLIFE MORTALITY RELATED TO PESTICIDES ...Censusing; Ground Census; Pesticides -nonspecific; Questionaire; Wildlife -nonspecific; ...4.0622

CARCINOGENESIS BIOASSAY OF PESTICIDES AND OTHER ENVIRONMENTAL AGENTS ...Animal Resistance; Bioassays; Chemical Carcinogenesis; Food Contamination; Muridae; Pesticide Action on Animals; Pesticides -nonspecific; Tumor Pathology; ...4.0624

REMOVAL, IN MARKET CHANNELS, OF INSECTICIDE RESIDUES FROM MILK AND MILK PRODUCTS ...Bacillus Cereus; Food Contamination; Microorganism-see Cell. Catab.; Physical Models; Streptococcus Lactis; ...4.0626

EFFECT OF PESTICIDES ON ENZYME SYSTEMS ...Aldrin; Carbamates -nonspecific; Chlordan; Fungicides -nonspecific; Herbicides -nonspecific; Pesticide Action on Animals; ...4.0629

EFFECTS OF DDT ...DDT; Dieldrin; Endrin; Pesticide Action on Animals; TDE; ...4.0630

TISSUE RESIDUE ACCUMULATION AND PHYSIOLOGICAL AND REPRODUCTIVE RESPONSE OF LINDANE-TREATED SWINE ...Domestic Animals; Lindane; Pesticide Residues; Sus; Tissue Accumulation Rates; ...4.0637

PESTICIDE RESIDUAL ACCUMULATION AND ELIMINATION BY SWINE ...DDT; Lindane; Malathion; Pesticide Application Rates; Sus; ...4.0643

EFFECT OF RUELENE (REG. TRADEMARK) ON EMBRYONIC DEVELOPMENT ...Bos; Developmental Physiology; Domestic Animals; Experimental Teratology; Pesticide Residues; Ruelene; ...4.0644

STUDIES IN CHEMICAL METHODOLOGY FOR DETERMINATION OF PESTICIDE RESIDUES ...DDT; Dieldrin; Laboratory Animals; Mallard; Pesticide Residue Analysis; Pesticide Residues; ...4.0652

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ...Captive Rearing; DDT; Estuaries; Heptachlor; Massachusetts; Pesticides -see Pesticide; Pleuronectidae; Spawning -see Fish & Shellfish; ...4.0654

FUR ANIMAL STUDIES (MINK) ...DDT; Domestic Animals; Muridae; Mustelidae; Pesticide Formulation; Pesticide Residues Removal; TDE; ...4.0664

ANALYSIS OF BIO-ACTIVE CHEMICALS FOR POSSIBLE HAZARDOUS PROPERTIES ...Air Pollution -see Specifics; Insecticides -nonspecific; Pesticide Toxicity in Humans; Preventative Measures; ...4.0672

MAGNITUDE AND NATURE OF POLYCHLORINATED BIPHENYLS IN COHO SALMON ...DDT; Lake Michigan; Pesticides -see Pesticide; Water Pollutant identification; ...4.0674

FACTORS INVOLVING PESTICIDES IN MILK PRODUCTS ...Avena Sativa; Gossypium; Pesticide in Food Chains; Residues in Foods; ...4.0685

BIOLOGY AND CONTROL OF THE HELIOTHIS COMPLEX ON COTTON ...Aliphatic Carbamates, Animal Resistance; Biological Control; DDT; Population Dynamics -general; Toxaphene; ...4.0688

INVESTIGATION OF STRESS-INDUCED MOBILIZATION OF INSECTICIDE RESIDUES - CHRONIC TOXICITY OF PESTICIDES TO FISH ...DDT; Dieldrin; Fish; Laboratory Animals; Pesticide Action on Animals; Temperature (water); ...4.0714

EFFECTS OF PARATHION AND MALATHION ON WARM-WATER FISH PONDS ...Aquatic Ecology - Animal; Ictalurus Punctatus; Malathion; Pesticide Action on Animals; Pesticides - see Pesticide; Temperature (water); ...4.0717

FISH REPRODUCTION AS AFFECTED BY ORGANOCHLORINE INSECTICIDES ...Captive Rearing; Chlordan; Dieldrin; Laboratory Animals; Methoxychlor; Pesticide Residues; ...4.0722

PESTICIDE EFFECTS ON NITROGEN METABOLISM IN TELEOSTS ...Fish; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Pesticide Application Rates; Pesticides -nonspecific; Pesticides -see Pesticide; ...4.0725

DEGRADATION AND PERSISTENCE OF ALDRIN ...Aldrin; Animal Habitat Studies; Dieldrin; Pesticide in Food Chains; Pesticide Residues; ...4.0746

THE RELATIONSHIP BETWEEN THE USE OF AGRICULTURAL CHLORINATED HYDROCARBONS AND THEIR RESIDUES IN CHANNEL CATFISH ...DDT; Fish; Land Use; Pesticides -see Pesticide; River Basins; ...4.0754

PESTICIDE DATA - PHEASANT ...Periodicals, Journals; Pesticide Action on Animals; Pesticides -nonspecific; Pheasant; ...4.0755

TOXICOLOGICAL STUDIES OF DIELDRIN AND STEROIDS IN DOGS ...Canidae; Dieldrin; Gas Chromatography; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0773

THE STEREOCHEMISTRY OF THE POLYCYCLODIENE PESTICIDES ...Cyclodiene Cpds. -nonspecific; Environment Accumulation Rates; ...4.0793

QUALITY IN PORK AS INFLUENCED BY CERTAIN PHYSICAL AND CHEMICAL CHARACTERISTICS ...DDT; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; Sus; Tissue Accumulation Rates; ...4.0797

METABOLIC FATE OF AGRICULTURAL CHEMICALS IN POULTRY ...Carbon; Domestic Animals; Gallus Domesticus; Metabolites From Pesticides; Pesticide Action on Animals; Residues in Foods, Sevin; ...4.0804

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Aldrin; Dieldrin; Ictaluridae; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...4.0807

THE UPTAKE OF DIELDRIN IN THE THREE RIDGED NAIAD, AMBLEMA PLICATA ...Aquatic Ecology - Animal; Dieldrin; Mollusca; Ohio River; Pollution Effects -see Water; Water Pollutant Identification; ...4.0808

TO DETERMINE LEVELS OF DDT AND METABOLITES IN SERUM, MUSCLE AND WHOLE FISH OF STRAINS OF SALMONIDS (ABBREV) ...Bioassay; DDT; Nutrition; Pesticide Action on Animals; Salmo Gairdneri; Salmo Trutta; ...4.0831

THE EFFECT OF DDT ON EGG, FRY AND FINGERLING VIABILITY IN BROOK TROUT STRAINS ...Captive Rearing; DDT; Genetic Resistance; Pesticide Action on Animals; Spawning -see Fish & Shellfish; ...4.0832

THE EFFECT OF DDT ON EGG, FRY AND FINGERLING VIABILITY IN LAKE, RAINBOW, AND BROWN TROUT AND COHO SALMON STRAINS ...Captive Rearing; DDT; Genetic Resistance; Pesticide Action on Animals; Salmo Trutta; Spawning -see Fish & Shellfish; ...4.0833

BIOCHEMISTRY AND PHYSIOLOGY OF ADIPOSE TISSUE OF MEAT ANIMALS ...Aging; Chlorine; Gamma Spectroscopy; Ovis; Petroleum Cpds. -nonspecific; Sus; ...4.0837

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF HERBICIDAL ACTION ...Diuron; Herbicides and Other Chem; Picloram; Planavin; Silvex; ...4.0842

RELATIONSHIP OF INSECTICIDES TO PHEASANTS IN SOUTH DAKOTA ...Aldrin; Birds; Dieldrin; Pathology; Pesticide Formulation; Tissue Accumulation Rates; ...4.0847

CHEMICAL RESIDUES IN MILK ...Bos; Domestic Animals; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.0850

EFFECT OF CHARCOAL ON PESTICIDE RESIDUES AND ON NUTRIENT UTILIZATION IN RUMINANTS ...Bos; Domestic Animals; Pesticide Residues in Feeds; Pesticide Residues Removal; Ronnel; Tissue Accumulation Rates; ...4.0859

INSECTICIDE RESIDUES IN POULTRY AND EGGS ...Biochemical Analysis - Tissues; Chlordan; Food Contamination; Home Economics; Melliagris; Pesticide Residues in Feeds; Residues in Foods; ...4.0862

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN RELATION TO INSECTS AFFECTING LIVESTOCK ...Biodegradation; Domestic Animals; Insecticides -nonspecific; Liquids Or Sprays; Livestock -nonspecific; Pesticide Evaluation; Pesticide Residues; ...4.0863

TOXICOLOGIC EFFECTS OF HERBICIDE-TREATED PLANTS ON LIVESTOCK ...Atrazine; Feces; Pesticide Action on Animals; Pesticide Rates -general; Ranunculaceae; Tissue Accumulation Rates; ...4.0874

PESTICIDE MONITORING ...Captive Rearing; Chlorinated Hydrocarbons; Fish; Fish Food Supply -other; Gas Chromatography; Monitoring Systems; Pesticides -see Pesticide; ...4.0892

SUBLETHAL AMOUNTS OF ORGANIC INSECTICIDES AND FISH ...Captive Rearing; Carbon; Commercial Fishing; DDT; Fish Food Supply -other; Salmonidae; Washington; ...4.0902

THIN LAYER CHROMATOGRAPHIC IDENTIFICATION OF MS-222 IN FISH MUSCLE TISSUE, BLOOD, BRAIN TISSUE, AND IN WATER (ABBREV) ...Animal Pharmacology; Control of Nuisance Species; Ms-222; ...4.0903

INVESTIGATIONS ON FATE OF CONTROL AGENTS IN FISH. WORK UNIT RESIDUES OF MS-222 IN NORTHERN PIKE, MUSKELLUNGE, WALLEYE. (ABBREV) ...Animal Pharmacology; Esocidae; Ms-222; Stizostedion Vitreum Vitreum; ...4.0904

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Animal Resistance; Chemical Degradation; Insecticides -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Residues; Sevin; ...4.0922

RESIDUES OF SELECTED PESTICIDES ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Mammals -nonspecific; Pesticide Drift; Pesticide Residues; Pesticide Volatility; ...4.0924

PESTICIDE RESIDUES ON ARIZONA CROPS ...Air - Water - Plant Relations; DDT; Medicago; Pesticide Toxicity to Microorg; Radioisotopes -nonspecific; Toxaphene; ...4.0925

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Food Contamination; Pesticide in Food Chains; Pesticide Persistance in Soils; Pesticide Residues; Poultry -nonspecific; Translocation; ...4.0952

CHLORINATED INSECTICIDE RESIDUES IN ANIMAL PRODUCTS AND FEEDS ...Chlorinated Hydrocarbons; Domestic Animals, Insecticides -nonspecific; Pesticide Rates -general; Pesticide Residues; Pesticide Residues in Feeds; Residues in Foods; ...4.0955

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Gallus Domesticus; Medicago; Pesticide Formulation; Pesticide Residues; Tissue Accumulation Rates; ...4.0959

ANALYTICAL LABORATORY ...Pesticides -nonspecific; Pesticides -other; Research Facilities; ...4.0962

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides -other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Lindane; Methoxychlor; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0973

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Methoxychlor; Pesticide Residues; Residues in Foods; Toxaphene; ...4.0976

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Degradation; Insecticides -nonspecific; Pesticide Degradation -see Deg; Pesticide Residues; Pesticides -nonspecific; Texas; ...4.0988

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Dieldrin; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Pyrus Malus; Sevin; ...4.0990

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Labiatae; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

SWEET CLOVER TOXICITY AND CHEMICAL AND PHYSIOLOGICAL STUDIES ON DICUMAROL AND WARFARIN ...Animal Pharmacology; Laboratory Animals; Muridae; Pesticide Action on Animals; Warfarin; ...4.0996

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bioassay; Carbon; Developmental Physiology; Genetic Resistance; Hydrogen; Organophosphorous Cpds.; Pesticide Action on Plants; Pyrethrum; ...4.0999

THE CHEMISTRY AND TOXICOLOGY OF AGRICULTURAL CHEMICALS ...Food Contamination; Microorganisms -nonspecific; Pesticide in Food Chains; Pesticides -nonspecific; ...4.1001

ENVIRONMENTAL DECONTAMINATION, ESPECIALLY FOR FEEDSTUFFS AND ASSOCIATED FOODS ...DDT; Food Contamination; Pesticide Residues in Feeds; Residues in Foods; Trichloroethylene; ...4.1002

RESIDUES AND BREAKDOWN PRODUCTS OF CHEMICAL FUNGICIDES IN PECAN NUTS ...Carbon Disulfide; Dodine; Fruit, Nut, and Berry Crops; Zinc; ...4.1003

AUTOMATED ANALYSIS OF PESTICIDE RESIDUES ...Chlorine; Organophosphorous Cpds.; Pesticide Residues; Residues in Foods; ...4.1005

COLLABORATIVE STUDIES OF ANALYTICAL METHODS ...Home Economics; Pesticides -nonspecific; Plant Tissue Analysis -chem.; Soil Fertility; ...4.1011

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

DDT RESIDUES IN EGGS AND BODY TISSUES OF HENS ...Food Contamination; Granules, Capsules; Pesticide Action on Animals; Pesticide in Food Chains; ...4.1016

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cassia; Cotoran; Foliar Absorption; Leaf Analysis; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; Root Absorption; ...4.1018

INSECTICIDE RESIDUES FROM EXPERIMENTAL TREATMENTS TO PREVENT OR CONTROL INSECTS IN STORED PRODUCTS ...Bromine; Chlorine; Food Contamination; Malathion; Pesticide Residues; Piperonyl Butoxide; ...4.1019

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Feces; Metabolites From Pesticides; Pesticide Rates -general; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.1020

ANALYTICAL METHODS FOR PESTICIDES, TIFTON ...Bayer 25141; Carbamates -nonspecific; Chlorinated Hydrocarbons; Fluorine; Gramineae -other; Metabolites From Pesticides; Pesticide Residues; ...4.1021

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

PSEUDOCHOLINETERASE ACTIVITY AS AFFECTED BY MODERN AGRICULTURAL CHEMICALS ...Bioassay; Carbamates -nonspecific; Chlorinated Hydrocarbons; Food Contamination; Pesticide in Food Chains; Sevin; ...4.1023

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

ANALYTICAL METHODS FOR HERBICIDES AND RESIDUES ...Gas Chromatography; Metabolites From Pesticides; Pesticide Residues; Solvents Or Carriers; Temperature - Air; ...4.1027

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENT ...Gas Chromatography; Pesticide Persistance in Soils; Pesticides -nonspecific; Soil Chemical Properties; ...4.1034

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

METHODS OF ANALYSIS FOR PESTICIDES ...Aroclor; Metabolites From Pesticides; Pesticide Toxicity in Animals; Wildlife Toxicity; ...4.1040

BIOLOGICAL DEGRADATION OF AGRICULTURAL INSECTICIDES ...Azodrin; Biodegradation; Metabolites From Pesticides; Phosphamidon; ...4.1042

DEVELOPMENT OF TECHNIQUES FOR IDENTIFICATION OF PESTICIDES AND THEIR METABOLITES BY MASS SPECTROMETRY ...Carbon; Chemical Analysis (water); Insecticides -nonspecific; Mass Spectroscopy; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.1056

PREPARATION OF CHLORINE-36 LABELED ORGANOCHLORINE PESTICIDES AND RELATED COMPOUNDS (PCB'S) ...Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Radioisotopes; ...4.1057

IMPROVED CLEANUP PROCEDURE FOR THE REMOVAL OF LIPIDS FROM FISH EXTRACTS--CHLORINATED HYDROCARBON RESIDUE ANALYSIS ...Column Chromatography; Fish; Gas Chromatography; Pesticides -nonspecific; Thin Layer Chromatography; ...4.1058

EVALUATION OF NATURALLY OCCURRING HALOGENATED COMPOUNDS AS POSSIBLE INTERFERENCES IN PESTICIDE RESIDUE ANALYSIS ...Chlorinated Hydrocarbons; Chlorine; Gas Chromatography; Infrared Spectroscopy; Polychlorinated Biphenyl Cpds.; Thin Layer Chromatography; ...4.1059

DEVELOPMENT OF ANALYTICAL METHODS FOR SELECTED HERBICIDES ...Chemical Analysis (water); Gas Chromatography; Handbooks; Herbicides -nonspecific; Literature Search; Pesticides -see Pesticide; Radioisotopes -nonspecific; ...4.1060

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; D, 2,4-; Diazinon; Gas Chromatography; Malathion; Methoxychlor; Ponds; Thin Layer Chromatography; ...4.1061

ANALYSIS OF PESTICIDE RESIDUES ...Chlorinated Hydrocarbons; Metabolites From Pesticides; Organophosphorous Cpds.; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; ...4.1063

HERBICIDE RESIDUE METHODS ...Atrazine; Microwave Spectroscopy; Pesticide Residues; Prometone; Propazine; Urea Cpds. -nonspecific; ...4.1064

MISCELLANEOUS CHEMICAL INVESTIGATIONS ...Cirsium; Electrochemistry; Insecticides -nonspecific; Pesticide Evaluation; ...4.1067

MECHANISMS OF THE OXIDATIVE DEGRADATION OF PESTICIDE MALEIC-HYDRAZIDE ...Environment Accumulation Rates; Isotope Tracer -see Tracers; Oxidation; Pesticide Action on Plants; Pesticide Residues; Thin Layer Chromatography; ...4.1068

SEVIN PARATHION ANALYSIS ...Methyl Parathion; Pesticide Application Rates; Pesticide Residues; Pesticide Residues in Feeds; Pesticide Safety Measures; Sevin; ...4.1073

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Aliphatic Carbamates; Disulfoton; Moisture Deficiency; Pesticide in Food Chains; Pesticide Residues; Preventative Measures; Rubus; ...4.1080

CYCLING AND EFFECTS OF CL36 LABELED DDT ON SOIL INVERTEBRATES IN AN OLD FIELD COMMUNITY ...DDT; Invertebrates -nonspecific; Pesticide in Food Chains; Soil Environment -other; ...4.1085

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Dichlobenil; Groundwater; Pesticide Legal Aspects; Pesticide Persistance in Soils; Soil Chemical Properties; Terbacil; Water Pollutants - Path of; ...4.1091

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

PHOTOLYSIS OF PESTICIDES ...Food Contamination; Metabolites From Pesticides; Pesticides -nonspecific; Physical Degradation; Residues in Foods; ...4.1101

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Disulfoton; Labiatae; Moraceae; Pesticide Action on Plants; Pisum; Thimet; Zea Mays - Field Corn; ...4.1102

DEVELOP MICROANALYSES FOR DETECTION OF HERBICIDES AND METABOLITES IN PLANT TISSUE ...Atrazine; D, 2,4-; Diuron; Hydrogen; Pesticide Action on Plants; Phaseolus; Plant; ...4.1105

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

ECONOMIC EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...BHC; Parathion; Pesticide Residues in Feeds; Residues in Foods; ...4.1110

PESTICIDE RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Bioassay; Brassica Species; Cladocera; Fish; Leaf Analysis; Pesticide in Food Chains; Trifluralin; ...4.1111

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

HARVEST-AID CHEMICAL RESIDUES IN COTTONSEED ...Absorption (incl. Adsorption); Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Residues; Plant Absorption -other; Translocation; ...4.1120

PESTICIDE RESIDUE ANALYSIS, KERRVILLE ...Aerosols - Smokes, Fogs, Steam; Arachnida; Ciodrin; Dursban; Lindane; Pesticide Rates -general; Ronnel; ...4.1124

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Aldrin; Dieldrin; Gallus Domesticus; Home Economics; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.1126

PHYSICAL METHODS OF IDENTIFICATION AND DETERMINATION OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ...Gas Chromatography; Metabolites From Pesticides; Organophosphorous Cpds.; ...4.1129

METHODS OF ANALYSIS FOR PESTICIDES, YAKIMA ...Aliphatic Carbamates; Furadan; Gas Chromatography; Metabolites From Pesticides; Pesticide Persistance in Soils; Sevin; ...4.1130

INTERFERING SOIL CONSTITUENTS IN DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND WATER ...Agricultural Runoff; Pesticide Aquatic Cycling; Pesticides -nonspecific; Pesticides -see Pesticide; Soil Chemical Properties; Soil Types -also see Specifics; ...4.1131

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Bacillus Thuringiensis; Brassica Species; Gas Chromatography; Pesticide Evaluation; Pesticide Residues; Soil Contamination -other; Thimet; ...4.1132

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Carbamates -nonspecific; Chlorinated Hydrocarbons; Herbicides

and Other Chem; Organophosphorous Cpds.; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; ...4.1133

Metabolites From Pesticides

IMPROVING WATER QUALITY BY REMOVAL OF PESTICIDE POLLUTANTS WITH AQUATIC PLANTS ...Degradation -see Pesticide Deg; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -nonspecific; Plant; Radioisotopes -nonspecific; ...2.1118

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; D, 2,4-; Dichlobenil; Haloragaceae; Pesticide Action on Plants; Plant; Simazine; ...4.0004

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Pesticide Application Rates; Pesticide Toxicity to Microorg; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

RESIDUES OF SELECTED PESTICIDES - NATURE, DISTRIBUTION, PERSISTENCE IN PLANTS, ANIMALS & PHYSICAL ENVIRONMENTS ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Monitoring Systems; Pesticide Application Rates; Plant; TDE; ...4.0083

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

THE ROLE OF MICROFLORA IN THE PERSISTENCE AND DECOMPOSITION OF PESTICIDE RESIDUES ...Biodegradation-see Degradation; Chlorine; Degradation; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; ...4.0151

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Gossypium; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Piedmont Province; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0174

METABOLITES OF ENDRIN IN SOILS & CROPS ...Chemical Analysis; Chlordan; Dieldrin; Endrin; Heptachlor; Pesticide Degradation -see Deg; Plant; ...4.0180

TRANSLOCATION AND DEGRADATION OF HERBICIDES IN PLANTS ...Benefin; Bensulide; Carbon; Diphenamid; Pesticide Action on Plants; Plant; Plant Absorption -other; ...4.0188

DEGRADATION OF ORGANOPHOSPHORUS INSECTICIDES IN SOIL ...Malathion; Microorganisms -nonspecific; Models of Biological Systems; Pesticide Persistance in Soils; Soil Microbiology; ...4.0195

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdaa; Chemical Analysis; Citrus; D, 2,4-; Gel Chromatography; Naa; Pesticide Residues; Vernolate; ...4.0237

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; DDT; Guthion; Maneb; Methoxychlor; Residues in Foods; TDE; Toxaphene; ...4.0257

FATE AND SIGNIFICANCE OF LABELLED PESTICIDES RESIDUES IN RICE ...Carbon; Fungicides -nonspecific; Oryzeae; Phosphorus; Sulfur; ...4.0312

PHYSIOLOGY AND BIOCHEMISTRY OF HERBICIDE ACTION, SELECTIVITY, AND DEGRADATION ...Amiben; Bromoxynil; Pesticide Action on Plants; Pesticide Phytotoxicity; Tissue Accumulation Rates; ...4.0363

ABSORPTION, TRANSLOCATION, AND METABOLISM OF HERBICIDES BY CROP AND WEED SPECIES ...Absorption (incl. Adsorption); Amiben; Gramineae -other; Herbicides and Other Chem; Mississippi; Radioisotopes -nonspecific; ...4.0374

REDUCTION OR ELIMINATION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Home Economics; Malathion; Organophosphorous Cpds.; Pesticide Residues Removal; Residues in Foods; ...4.0376

DEVELOPMENT OF ANALYTICAL METHODOLOGY ...Chloro Phenoxy Acetic; Food Contamination; Para-dichlorobenzene; Polychlorinated Biphenyl Cpds.; Residues in Foods; Urine; ...4.0421

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Absorption (incl. Adsorption); Captan; Chlorophyll; Dieldrin; Photosynthesis; Respiration; Translocation; ...4.0443

PESTICIDE RESIDUES IN FOODS - REMOVAL, DEGRADATION, AND ANALYSIS ...Gas Chromatography; Methyl Bromide; Pesticide Residue Analysis; Pesticide Residues Removal; Residues in Foods; Ultra Violet Radiation; ...4.0450

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

USE OF LABELLED PESTICIDES FOR STUDYING TERMINAL PESTICIDES RESIDUES IN CERTAIN TROPICAL PRODUCTS ...Baygon; British Isles; Foreign Agriculture; Methyl Bromide; Radioisotopes -nonspecific; Residues in Foods; ...4.0493

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Aeration (water); Degradation; Formulations -nonspecific; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; ...4.0518

CHLORINATED HYDROCARBON IN THE LACTATING BOVINE AND EFFECT ON LIPID METABOLISM ...Bos; DDT; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0537

METABOLISM OF CARBAMATE PESTICIDES ...Bayer 44646; Carbon; Laboratory Animals; Muridae; Pesticide Toxicity in Humans; Zectran; ...4.0560

RESPONSES OF DAIRY CATTLE FED FEEDSTUFFS CONTAINING RESIDUES OF CERTAIN AGRICULTURAL CHEMICALS ...Baytex; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0601

EFFECTS OF PESTICIDES ON MICROORGANISMS IMPORTANT TO THE DAIRY INDUSTRY ...Aerobic Bacteria; DDT; Escherichia Coli; Heptachlor Epoxide; Pesticide Toxicity to Microorg; Staphylococcus Aureus; ...4.0623

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0639

OXIDATIVE DEALKYLATION OF INSECTICIDES ...Bidrin; Chlorine; Laboratory Animals; Muridae; Pesticide Formulation; ...4.0650

EFFECTS OF PESTICIDES ON NON-TARGET ORGANISMS ...Animal; Arachnida; Dieldrin; Pesticide in Food Chains; Pesticide Residue Analysis; Scophulariaceae; ...4.0667

METABOLISM OF PESTICIDES BY RUMEN MICROBIOTA AND FACTORS INFLUENCING ABSORPTION ...Bacterial Identification; Capra; DDT; Intestinal Bacteria; Microorganism-see Cell. Catab.; Pesticide Action on Plants; Petroleum -see Oil; ...4.0668

PESTICIDE METABOLISM IN BEEF CATTLE ...Bos; Lindane; Pesticide Action on Animals; Pesticide Formulation; Pesticide Residues; Pesticide Residues in Feeds; Ruelene; ...4.0670

FACTORS AFFECTING INSECTICIDE RESIDUES IN MILK ...Bos; Domestic Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.0671

A STUDY OF THE DEGRADATION RATE OF ALDRIN ...Aldrin; Animal; Annelida; Dieldrin; Pesticide in Food Chains; Pesticide Toxicity in Animals; Soil Microbiology; ...4.0745

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Fenac; Gas Chromatography; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; Residues in Foods; ...4.0770

EFFECTS OF DDT AND DIELDRIN ON REPRODUCTIVE PERFORMANCE AND GROWTH OF MINK ...DDE; DDT; Laboratory Animals; Lake Michigan; Muridae; Mustelidae; Pesticide Action on Animals; ...4.0775

EGG COMPOSITION, MALATHION RESIDUES, AND MEAT QUALITY OF MALATHION TREATED HENS ...Gallus Domesticus; Home Economics; Laboratory Animals; Malathion; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0777

METABOLISM AND DISTRIBUTION OF 2,4,5-T AND ITS ANALOGS IN PREGNANT AND NONPREGNANT RATS, MICE, AND GUINEA PIGS ...Caviidae; Experimental Teratology; Laboratory Animals; Muridae; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0786

METABOLISM OF PESTICIDAL SYNERGISTS ...Carbon; Feces; Pesticide Action on Animals; Toxicology; ...4.0790

METABOLIC FATE OF AGRICULTURAL CHEMICALS IN POULTRY ...Carbon; Chemical Analysis; Domestic Animals; Gallus Domesticus; Pesticide Action on Animals; Residues in Foods; Sevin; ...4.0804

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Amino Triazole; D, 2,4-; Laboratory Animals; Muridae; PMA; ...4.0819

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Cipc; IPC; Muridae; Pesticide Action on Plants; ...4.0821

CHEMICAL RESIDUES IN MILK ...Bos; Domestic Animals; Furadan; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.0850

MINERAL INTERACTIONS WITH PESTICIDES ...Domestic Animals; Pesticide Action on Animals; Ronnel; Urine; ...4.0858

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Biodegradation; Furadan; Pesticide Action on Animals; Pesticide Action on Plants; Radioisotopes -nonspecific; Toxicology; ...4.0861

LIVESTOCK DETOXICATING MECHANISMS OF PESTICIDES ...Birds; Ciodrin; Domestic Animals; Gallus Domesticus; Ovis; Pesticide Residues Removal; Residues in Foods; ...4.0870

THE METABOLIC FATE OF AN ORGANIC PHOSPHATE INSECTICIDE (GS-13005) WHEN FED TO DAIRY CATTLE ...Animal; Domestic Animals; Microorganism-see Cell. Catab.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0884

FATE OF INSECTICIDE CHEMICALS IN RELATION TO NON-PERSISTENCE AND SPECIES SPECIFICITY ...Allethrin; Buxten; Pesticide Residue Analysis; Pyrethrum; ...4.0926

PESTICIDE RESIDUES AND METABOLITES ...Arachis; Gas Chromatography; Pesticide in Food Chains; Pesticide Residue Analysis; Pesticide Tolerance Rate; Sevin; ...4.0942

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Dichloroaniline; Enzymes; Pesticide Action on Plants; Pesticide Aquatic Cycling; Plant; Propanil; ...4.0966

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides -other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Lindane; Methoxychlor; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0973

INSECTICIDAL RESIDUES ...Carbon; Diazinon; Medicago; Methoxychlor; Pesticide Application Rates; Pesticide Persistance in Soils; Plant; Soil Microbiology; ...4.0985

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Labiatae; Leaf Analysis; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

SWEET CLOVER TOXICITY AND CHEMICAL AND PHYSIOLOGICAL STUDIES ON DICUMAROL AND WARFARIN ...Animal Pharmacology; Chemical Analysis; Laboratory Animals; Muridae; Pesticide Action on Animals; Warfarin; ...4.0996

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Chemical Analysis; Feces; Pesticide Rates -general; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.1020

ANALYTICAL METHODS FOR PESTICIDES, TIFTON ...Bayer 25141; Carbamates -nonspecific; Chlorinated Hydrocarbons; Fluorine; Gramineae -other; Pesticide Residues; ...4.1021

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tox; Vegetables; ...4.1022

ANALYTICAL METHODS FOR HERBICIDES AND PESIDUES ...Chemical Analysis; Gas Chromatography; Pesticide Residues; Solvents Or Carriers; Temperature - Air; ...4.1027

MALATHION RESIDUES IN POULTRY MEAT AND EGGS ...Animal; Feces; Malaoxon; Pesticide Residues Removal; Residues in Foods; ...4.1028

EFFECT OF PESTICIDES ON ENZYMES ...Caldariomyces; Cellular Catabolism-see Degrad; DDT; Gel Chromatography; Parathion; ...4.1031

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENT ...Chemical Analysis; Gas Chromatography; Pesticide Persistance in Soils; Pesticides -nonspecific; Soil Chemical Properties; ...4.1034

METHODS OF ANALYSIS FOR PESTICIDES ...Aroclor; Chemical Analysis; Pesticide Toxicity in Animals; Wildlife Toxicity; ...4.1040

BIOLOGICAL DEGRADATION OF AGRICULTURAL INSECTICIDES ...Azodrin; Biodegradation; Chemical Analysis; Phosphamidon; ...4.1042

ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Chlorinated Hydrocarbons; Organophosphorous Cpds; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; ...4.1063

STRUCTURE ANALYSIS OF TRACE PESTICIDE RESIDUES BY GLC ...Biodegradation; Gas Chromatography; Pesticides -nonspecific; ...4.1065

RESIDUE OF PESTICIDES - NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND ENVIRONMENT ...DDE; DDT; Laboratory Animals; Methoxychlor; Pesticide Action on Animals; Pesticide Residues; Sevin; ...4.1070

PESTICIDAL RESIDUES OF AGRICULTURAL CHEMICALS ...Furadan; Guthion; Methyl Parathion; Pesticide Application Rates; Pesticide Residues in Feeds; Pheasant; ...4.1072

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Ciodrin; DDT; Ericaceae; Gardona; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant Growth Regulators -ns.; ...4.1076

EFFECT OF ENVIRONMENTAL PARAMETERS ON PESTICIDAL STABILITY ...Degradation; Environmental Effects - Human; Piperonyl Butoxide; Radiation Sources -general; Toxic Substances; ...4.1087

METABOLITE FORMATION IN METABOLISM OF TRIAZINE HERBICIDES BY THE ANIMAL ...Animal; Capra; Ovis; Pesticide Formulation; Prometone; Radioisotopes -nonspecific; ...4.1096

PHOTOLYSIS OF PESTICIDES ...Chemical Analysis; Food Contamination; Pesticides -nonspecific; Physical Degradation; Residues in Foods; ...4.1101

ANALYTICAL METHODS FOR PESTICIDES AND PESTICIDE DEGRADATION PRODUCTS ...Bos; Degradation -see Pesticide Deg; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Sumithion; ...4.1103

HARVEST-AID CHEMICAL RESIDUES IN COTTONSEED ...Absorption (incl. Adsorption); Chemical Analysis; Herbicides and Other Chem; Pesticide Residues; Plant Absorption -other; Translocation; ...4.1120

PESTICIDE RESIDUE ANALYSIS, KERRVILLE ...Aerosols - Smokes, Fogs, Steam; Arachnida; Ciodrin; Dursban; Lindane; Pesticide Rates -general; Ronnel; ...4.1124

PHYSICAL METHODS OF IDENTIFICATION AND DETERMINATION OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ...Chemical Analysis; Gas Chromatography; Organophosphorous Cpds.; ...4.1129

METHODS OF ANALYSIS FOR PESTICIDES, YAKIMA ...Aliphatic Carbamates; Chemical Analysis; Furadan; Gas Chromatography; Pesticide Persistance in Soils; Sevin; ...4.1130

Monitoring Systems

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

WATER QUALITY MONITORING STUDIES ...Aquatic Ecology - Animal; Dams -general; Fish and Shellfish; Monitoring; Population Dynamics -general; Water Quality -general; ...2.0854

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Estuaries; Fish; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Aerosols - Smokes, Fogs, Steam; Climates -general; DDE; Endrin; Pesticide Phytotoxicity; Radioisotopes -nonspecific; ...4.0033

MASSACHUSETTS PESTICIDE MONITORING STUDY ...Massachusetts; Pesticide Residues; Pesticides -nonspecific; Pesticides -see Pesticide; Watersheds; ...4.0038

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

THE OROVADA, NEVADA BASIN ENVIRONMENTAL STUDY ...Air Pollution; Environment Accumulation Rates; Pesticide Drift; Pesticides -nonspecific; ...4.0052

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Carbamates -nonspecific; Fertilizers; Land Use; Nutrients; Pesticides -see Pesticide; Soil Analysis; ...4.0056

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

RESIDUES OF SELECTED PESTICIDES - NATURE, DISTRIBUTION, PERSISTENCE IN PLANTS, ANIMALS & PHYSICAL ENVIRONMENTS ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Pesticide Application Rates; Plant; TDE; ...4.0083

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Air Pollution; Bioassay; D, 2,4-; Preventative Measures; ...4.0311

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant; Residues in Foods; Vegetables; ...4.0348

CHLORINATED HYDROCARBON IN THE LACTATING BOVINE AND EFFECT ON LIPID METABOLISM ...Bos; DDT; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0537

BIOTELEMETRY AS A TOOL FOR PESTICIDE INVESTIGATIONS ...Animal Distribution; California; Mark, Tag Or Capture; Pesticide Safety Measures; Pheasant; ...4.0567

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Fenac; Gas Chromatography; Hercules 14503; Mercury; Pesticide Tolerance Rate; Residues in Foods; ...4.0770

THE UPTAKE OF DIELDRIN IN THE THREE RIDGED NAIAD, AMBLEMA PLICATA ...Aquatic Ecology - Animal; Dieldrin; Mollusca; Ohio River; Pollution Effects -see Water; Water Pollutant Identification; ...4.0808

ENVIRONMENTAL TOXICOLOGY OF PESTICIDES ...Air Pollution; Contamination - Water; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Residues in Foods; ...4.0822

PRELIMINARY PESTICIDE STUDY ...Management -general; Management -other; Pesticides -nonspecific; Wildlife -nonspecific; ...4.0852

PRELIMINARY MONITORING OF PESTICIDES ...DDT; Dieldrin; Mercury; Partridge; Pheasant; ...4.0856

PESTICIDE MONITORING ...Captive Rearing; Chemical Analysis; Chlorinated Hydrocarbons; Fish; Fish Food Supply -other; Gas Chromatography; Pesticides -see Pesticide; ...4.0892

EFFECT OF PESTICIDE RESIDUES ON GAME FISH POPULATIONS ...Animal Life History Studies; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Population Dynamics -general; ...4.0893

RESIDUES OF SELECTED PESTICIDES ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Mammals -nonspecific; Pesticide Drift; Pesticide Residues; Pesticide Volatility; ...4.0924

AUTOMATED ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Chlorine; Organophosphorous Cpds.; Pesticide Residues; Residues in Foods; ...4.1005

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Animal Wastes - Feed Lots; Economic Efficiency; Environment; Erosion; Livestock - nonspecific; Optimization, Economic; Pesticides -nonspecific; Sediments; Welfare Economics; ...4.1013

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

CHEMICAL ANALYSES ...Chemical Analysis (water); Contamination - Water; Estuaries; Invertebrate Physiology; Metabolism of Algacides; Pesticide in Food Chains; Pollution Effects -see Water; ...4.1015

REDUCTION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Pesticide Legal Aspects; Pesticide Residues in Feeds; Pesticide Residues Removal; Preventative Measures; Residues in Foods; ...4.1017

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

MONITORING OF PESTICIDE LEVELS IN THE GREAT LAKES ...Aquatic Ecology - Animal; Fish; Great Lakes -see Specific Lake; Lakes; Pesticide Residue Analysis; Pollution Effects -see Water; ...4.1045

SCREENING AQUATIC INVERTEBRATES TO DETECT AN ORGANISM SUITABLE FOR USE IN A MONITORING PROGRAM ...Aquatic Ecology - Animal; Bioassays; Fish; Invertebrate Physiology; Invertebrates -nonspecific; Pesticides -nonspecific; Water Pollutant Identification; ...4.1054

PESTICIDE RESIDUES IN ENVIRONMENT AND EFFECTS ON MARKETING AGRICULTURAL COMMODITIES ...Agricultural Economics; Consumer Attitudes- Pesticides; Demeton; Medicago; Organophosphorous Cpds.; Pesticide Residues; Pesticides -nonspecific; ...4.1071

Pesticide Residues

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

BEHAVIOR OF POLLUTANTS IN WATER ...Degradation; Groundwater; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -nonspecific; Soil Moisture; Water Pollutants - Path of; ...2.0074

CONTROL OF AQUATIC WEEDS ...Chemical Analysis (water); Connecticut; D, 2,4-; Dichlobenil; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Phytotoxicity; ...2.0088

FATE OF AQUATIC HERBICIDES IN THE AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; Endothall; Pesticide Action on Animals; Pesticide Aquatic Cycling; Potable Water; Water Pollutants - Path of; ...2.0127

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects - see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water); Alkalinity (water); Chemical Water Properties; Drainage; Drainage Engineering; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Zea Mays - Field Corn; ...2.0149

LIMNOLOGICAL FACTORS AFFECTING PESTICIDE RESIDUES IN SURFACE WATERS ...Agricultural Runoff; Chemical Water Properties; Eutrophication; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reservoirs and Impoundments; ...2.0150

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Depth (water); Fish; Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Plankton; Soil Chemical Properties; ...2.0413

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Channels; Drainage; Eutrophication; Fish; Pesticides -see Pesticide; Reservoirs and Impoundments; Turbidity (water); ...2.0653

EXPLORATORY STUDY OF LIMITATIONS OF BOD FOR ANIMAL WASTE EVALUATION ...Antihelminth; Atomic Absorption; Biochemical Oxygen Demand; Chemical Analysis; Farm Animal Wastes; Sus; Total Organic Carbon; ...2.0712

IMPROVING WATER QUALITY BY REMOVAL OF PESTICIDE POLLUTANTS WITH AQUATIC PLANTS Degradation -see Pesticide Deg; Pesticide Aquatic Cycling; Pesticides -nonspecific; Plant; Radioisotopes -nonspecific; ...2.1118

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

AGRICULTURAL WASTE INVESTIGATIONS ...Farm Animal Wastes; Livestock -nonspecific; Pesticides -nonspecific; Training Grants, Fellowships; ...3.0010

LIVESTOCK WASTE MANAGEMENT ...Carbamates -nonspecific; Furadan; Organophosphorous Cpds.; Pesticide Residues Removal; Plant; Residues in Foods; ...3.0134

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Aquatic Soils; Dalapon; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Formulation; Ponds; Typhaceae; ...4.0006

CONTROL METHODS FOR JUNIPERS, SHRUB LIVE OAK, AND ASSOCIATED WEEDS ...Climates -general; Fenuron; Granules, Capsules; Liquids Or Sprays; Petroleum Cpds. -nonspecific; Plants - Dicotyledons; ...4.0007

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Carbon; Chemical Analysis (water); DDT; Paraquat; Planavin; Soil Chemical Properties; Water Pollutant Identification; ...4.0016

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

HERBICIDE RESIDUES ...Acrolein; Contamination - Soil; D, 2,4-; Fixed Copper; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Xylene; ...4.0018

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates, Diquat; Fish; Granules, Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

PESTICIDE KINETICS ...Bottom Sampling; Degradation; Environment Accumulation Rates; Marine Biology - General; Pesticides - see Pesticide; Tidewater Areas; Water Standards & Baselines; ...4.0024

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Aquatic Ecology - Animal; Dieldrin; Farm Pond; Georgia; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Plant Ecology -nonspecific; ...4.0025

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity to Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Low Temp. - But Above 32f; Pesticide Action on Plants; Plant Resistance; Soil Microbiology; Translocation; ...4.0032

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT; Northeast U. S.; Preventative Measures; Sediments; Water Pollutant Identification; Water Quality Control -general; Water Wells; ...4.0037

MASSACHUSETTS PESTICIDE MONITORING STUDY ...Massachusetts; Monitoring Systems; Pesticides -nonspecific; Pesticides -see Pesticide; Watersheds; ...4.0038

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts, Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0058

AN EVALUATION OF THE INSECTICIDE 'SEVIN' AS A WATERSHED POLLUTANT ...Environment Accumulation Rates; New York; Population Dynamics -general; Soil Types -also See Specifics; Water Pollutants - Path of; ...4.0057

PRLVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds; Chemical Analysis; Ecological Effects; Environmental Ecology; Fish; Lakes; Pesticides -see Pesticide; ...4.0067

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Fish; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Zea Mays - Field Corn; ...4.0074

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Biological Effects; Cellular Catabolism-see Degrad, DDT; Dieldrin; Lake Michigan; Microorganism-see Cell. Catab.; Pesticide Residue Analysis; Pesticide Residues Removal; ...4.0075

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Aroclor; DDT; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticides - see Pesticide; Radioisotopes -nonspecific; Soil Chemical Properties; Soil Organic Content; ...4.0087

PRELIMINARY EXPLORATORY CITRUS RESEARCH AT CITRUS EXPERIMENT STATION ...Aliphatic Carbamates; Fruit, Nut, and Berry Crops; Literature Search; Pesticide Formulation; Soil Depth; ...4.0096

SOIL INVERTEBRATES INFLUENCE ON CORN RESIDUES ...Arthropods; Minimum Tillage; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Planting Methods; Population Dynamics -general; Soil Microbiology; ...4.0108

MECHANISM OF ACTION AND METABOLIC FATE OF FUNGICIDES ...Absorption (incl. Adsorption); Dupont 1991; Herbicides and Other Chem; Pesticide Action on Plants; Plant Absorption - other; ...4.0114

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Agricultural Runoff; Degradation -see Pesticide Deg; Drainage; Endrin; Floods; Saccharum; Water Pollutants - Path of; Water Table - Depth of; ...4.0115

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Drift; Pesticide Persistance in Soils; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

TRANSLOCATION OF PESTICIDES FROM CRANBERRY BOGS TO THEIR SURROUNDINGS ...Aquatic Soils; Ericaceae; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutants - Path of; ...4.0124

REDUCTION OF HAZARDS ASSOCIATED WITH THE PRESENCE OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Adsorption; Environment Accumulation Rates; Insecticides -nonspecific; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0127

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

DETERMINATION OF HERBICIDAL RESIDUES IN PLANTS AND SOILS, AND FATE OF HERBICIDES IN CERTAIN SOILS ...Degradation; Ornamentals; Patoran; Pesticide Movement in Soils; Pesticide Phytotoxicity; Phaseolus; Turf; Vegetables; ...4.0133

CHEMICAL RESEARCH ON INSECTICIDES AND THEIR FORMULATIONS ...Abate; Animal Pests; Carriers -non-liquid; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Residue Analysis; Plant; ...4.0146

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Agritox; Baygon; Chlordan; Dieldrin; Pesticide Application Rates; Pesticide Formulation; Plant Phenology; ...4.0150

INTERACTION OF HERBICIDES AND SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Degradation -see Pesticide Deg; Microorganisms -nonspecific; Pesticide Persistance in Soils; Pesticide Residues Removal; Soil Aeration; Soil Microbiology; ...4.0153

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Climates -general; Environment Accumulation Rates; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...4.0155

ENCAPSULATION OF INSECTICIDES AND VIRUSES FOR CONTROL OF INSECTS ...Biological Control; Excessive Moisture; Formulations -nonspecific; Granules, Capsules; Malathion; Pesticide Persistance in Soils; ...4.0160

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Bioassay; Colloids; Pesticide Formulation; Pesticide Persistance in Soils; Plant Tissue Analysis -chem.; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Herbicides -nonspecific; Pesticide Interaction With Env; Pesticide Persistance in Soils; Soil Types -also See Specifics; ...4.0177

PERSISTENCE AND MODES OF HERBICIDE DISSIPATION UNDER RANGELAND CONDITIONS ...Bioassay; Herbicides - nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Persistance in Soils; Pesticide Rates -general; ...4.0183

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Cynodon; Fumigants - nonspecific; Pesticide Action on Plants; Plant Ecology -nonspecific; Solanum; Vitaceae; ...4.0191

IDENTIFICATION AND DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND RUNOFF AND DRAINAGE WATERS ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0199

SOIL AND PLANT INTERACTIONS WITH PESTICIDES ...Cellular Catabolism-see Degrad; Herbicides and Other Chem; Pesticide Action on Plants; Plant; Soil Fungi -nonspecific; ...4.0200

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

WEED CONTROL IN COTTON AND OTHER AGRONOMIC CROPS UNDER IRRIGATED CONDITIONS ...Cultural Control; Diuron; Pesticide Application Rates; Physical Control; Thimet; ...4.0210

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Diazinon; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Thimet; Zea Mays - Sweet Corn; ...4.0213

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

DEVELOPMENT OF SAFE & EFFECTIVE MATERIALS FOR MANAGEMENT OF WESTERN FOREST INSECT POPULATIONS ...Aerosols - Smokes, Fogs, Steam; Bioassay; Methomyl; Pesticide Evaluation; Population Dynamics -general; Translocation; ...4.0220

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

CHEMISTRY OF NEMATODES AND NEMATOCIDES ...Invertebrate Physiology; Nematoda; Pathological Physiology; Pesticide Degradation -see Deg; Soil Microbiology; ...4.0229

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals; Furadan; Insects - Beneficial; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdaa; Chemical Analysis; Citrus; D, 2,4-; Gel Chromatography; Naa; Vernolate; ...4.0237

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Benlate; Fungal Physiology; Granules, Capsules; Irrigation; Pesticide

Phytotoxicity; Plant Population Dynamics -gen; Thinet; Western U. S.; ...4.0243

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Organic Soils -see Soils; Pesticide Interaction With Env; Pyrazon; Soil Microbiology; Soil Temp. - non-specific; ...4.0248

HERBICIDE SCREENING STUDIES ON SUGAR BEETS ...Bioassay; Computer Methods -general; Herbicides -nonspecific; Pesticide Evaluation; ...4.0251

CHEMICAL CONTROL OF WEEDS IN POTATOES ...Cyclic Organic Cpds. -(1 Or ; Dacthal ; Diphenamid; Pesticide Action on Plants; Pesticide Phytotoxicity; Solanum; ...4.0253

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Apium Species; DDT; Parathion; Pesticide Residues Removal; Temperature - Air; Vegetables; ...4.0266

CENTRALIZED PESTICIDE RESIDUE INVESTIGATIONS OF SOUTHERN AGRICULTURAL EXPERIMENT STATIONS ...Dieldrin, Pesticide Action on Plants, Plant Absorption -other, ...4.0267

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus, Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other, Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor, Ambrosia, Blades; Convolvulaceae; Grass - nonspecific; Malvaceae; Pesticide Application Rates; Preforan; Xanthium; ...4.0287

WEED CONTROL IN PLANT INDUSTRY ...Capsicum, Lycopersicum; Pesticide Evaluation; Sirmate; Tillam, Vegetables; ...4.0291

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus; Cucumis Sativus; Lycopersicum; Pesticide Evaluation; Phaseolus, Planavin; Tok; Vegetables; ...4.0292

PESTICIDE RESIDUE CLEARANCE PROGRAM ...Araceae; Captan; Chemical Analysis, Liquids Or Sprays; Pentachlorophenol; Residues in Foods; ...4.0297

PESTICIDE RESIDUE METABOLITES ...Caricaceae; Herbicides and Other Chem; Microorganisms -nonspecific; Organophosphorous Cpds.; Radioisotopes -nonspecific; ...4.0299

POTENTIAL EFFECTS OF HERBICIDES ON PLANT METABOLITES AND RESIDUES IN CROPS AND SOIL ...Bioassay; Herbicides -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Application Rates; Pesticide Phytotoxicity; Plant; ...4.0301

STORED GRAIN INSECT PESTS AND THEIR CONTROL IN UTTAR PRADESH, INDIA ...Climates -general; Foreign Agriculture; Insecticides -nonspecific; Pesticide Evaluation, Temperature - Air; Zea Mays - Field Corn; ...4.0305

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility, Plant; Simetone; Translocation; Triticum; ...4.0306

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Air Pollution -see Specifics; Beta Particles; Fragaria; Malathion; Pesticide Interaction With Env; Pesticide Residues Removal; Residues in Foods; X and Gamma Rays; ...4.0308

SUGAR BEET VARIETAL AND HERBICIDE INVESTIGATIONS ...Chenopodiaceae; Disease Resistance; Herbicides -nonspecific; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Evaluation; Sorghum; ...4.0313

FATE OF MALATHION RESIDUES ON GRAIN SORGHUMS ...Bioassay; Chemical Degradation; Degradation; Malathion; Pesticide Evaluation; Radioisotopes -nonspecific; Sorghum; ...4.0318

FATE OF MALATHION RESIDUES GRAIN SORGHUMS ...Chemical Analysis; Herbicides and Other Chem; Malathion; Pesticide Phytotoxicity; Plant; Temperature - Air; Zea Mays - Field Corn; ...4.0319

INVESTIGATIONS WITH ORNAMENTAL PLANTS ...Climates - general; Dichlobenil; Kansas; Ornamentals; Pesticide Action on Plants; Pesticide Evaluation; ...4.0322

SOUTHEAST KANSAS EXPERIMENTAL FIELD ...Carya; Drainage; Fruit, Nut, and Berry Crops; Juglans; Ornamentals; Pesticide Evaluation; Vegetables; ...4.0326

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Petroleum Cpds. - nonspecific; Phosvel; Population Dynamics -general; Torak; ...4.0347

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant; Residues in Foods; Vegetables; ...4.0348

TRANSFORMATIONS OF INSECTICIDES BY PLANTS ...Animal Pests; Degradation; Enzymes; Plant; Radioisotopes -nonspecific; ...4.0349

BIOLOGICAL ACTIVITY AND MODE OF ACTION OF HERBICIDES USED ON CORN, SOYBEANS, AND TOBACCO ...Carriers -non-liquid; Formulations -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Trifluralin; ...4.0351

INVESTIGATIONS OF ALFALFA INSECTS, THEIR BIOLOGY AND CONTROL ...Animal Life History Studies; Furadan; Pesticide Evaluation; Pesticide Residues in Feeds; Supracide; ...4.0353

DUTCH ELM DISEASE ...Benlate; Biological Control; Fungal Resistance; Ornamentals, Pesticide Evaluation, ...4.0358

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum - other; Pesticide Application Rates; Pesticide Interaction With Env; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

WEED CONTROL IN SORGHUM ...Bioassay; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Tillage; Sorghum; ...4.0371

WEED CONTROL IN SOYBEANS ...Bioassay; Glycine; Pesticide Action on Plants; Pesticide Evaluation; ...4.0372

THE CONTROL OF WEEDS IN RICE BY THE USE OF HERBICIDES ...Byram; Oryzeae; Pesticide Evaluation, Pesticides -other; Propanil; ...4.0380

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Azodrin; Dusts; Gc 6506; Granules, Capsules; Hercules 13462; Methomyl; Pesticide Phytotoxicity; Plant Population Dynamics -gen; ...4.0383

RESPONSE OF PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Amino Triazole; Dalapon; Environment Accumulation Rates; Pesticide Evaluation; Riparian Plants; TCA; ...4.0393

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Herbicides and Other Chem; Pesticide Formulation, Picloram; Plant Succession; ...4.0395

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis, Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

RESEARCH IN METHODS FOR TESTING ECONOMIC POISONS, FEEDS FERTILIZERS AND LIMING MATERIALS ...Aliphatic Carbamates; Chemical Analysis; Organophosphorous Cpds.; Soil Analysis; Solanum; ...4.0400

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Arthropods; Ethion; Organophosphorous Cpds.; Pesticide Evaluation; Population Dynamics -general; Trithion; ...4.0403

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Bensulide; Environment Accumulation Rates; Pesticide Action on Plants; Plant Ecology - nonspecific; Triazines -nonspecific; ...4.0404

BIOASSAY OF PESTICIDE RESIDUES ON FRESH FRUITS AND VEGETABLES ...Bioassay; Pesticide in Food Chains; Pesticide Phytotoxicity; Pesticide Residue Analysis; Pesticides -nonspecific; Vegetables; ...4.0407

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Chlorphenamidine; Furadan, Guthion; Liquids Or Sprays; Pesticide Evaluation; Phosalone; Pyrus Malus; UC 34096; ...4.0413

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; D, 2,4-; Diuron; Pesticide Application Rates; Pesticide Formulation; Pesticide Safety Measures; Simazine; Terbacil; Vitaceae; ...4.0415

CURRANT STEM GIRDLER AND CURRANT BORER ...Animal Life History Studies; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pesticide Evaluation; Population Dynamics -general; Saxifragaceae; ...4.0416

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Application Rates; Pesticide Legal Aspects; Population Dynamics -general; Solvents Or Carriers, Supracide; ...4.0417

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Agropyron; Cyperaceae; Dalapon; Medicago; Pesticide Degradation -see Deg; Pesticide Interaction With Env; 2,4-db; ...4.0419

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0429

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant, Solanum; ...4.0435

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl. Adsorption); Chemical Analysis; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Lycopersicum; Pesticide Organoleptic Prop.; Radioisotopes -nonspecific; Solanum; Vegetables; ...4.0437

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS ...Aliphatic Carbamates; Bacillus Thuringiensis; Chlorphenamidine; Furadan; Methomyl; Pesticide Application Equip.; Thuricide; ...4.0444

IMPROVEMENT OF YIELD AND QUALITY OF HOPS ...Fruit, Nut, and Berry Crops; Fungal Resistance; Moraceae; Pesticide Evaluation; Storage Changes; Thimet; Verticillium; ...4.0454

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan; Liquids Or Sprays; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone; Prunus Domestica; Residues in Foods; ...4.0455

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF NUT CROPS ...Animal Life History Studies; Arachnida; C-2307; Guthion; Pesticide Evaluation; Plictran; ...4.0456

SUGAR BEETS FOR PENNSYLVANIA ...Chenopodiaceae; Irrigation; Soil Depth; Soil Fertility; ...4.0462

PESTICIDE APPLICATION COSTS AND CHEMICALS FOR PEST CONTROL ON FRUIT ...Acaricides -nonspecific; Concentrates; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Application Rates; Petroleum Cpds. -nonspecific; ...4.0466

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Secale; Solanum; Vicia; ...4.0469

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Ametryn; Cyperaceae; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Formulation; Plant Resistance; Saccharum; Terbacil; ...4.0470

TOBACCO PLANT BED MANAGEMENT RESEARCH ...Diphenamid; Nematoda; Pesticide Action on Plants; Pesticide Evaluation; ...4.0477

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Climates -general; Flood Irrigation; Loam -see Soil Types; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Sprinkler Irrigation; Urea Cpds. -nonspecific; ...4.0484

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Gossypium; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Sandy Soils -see Soil Type; Temperature - Air; ...4.0487

PESTICIDE RESIDUES ON FORAGE RESULTING FROM DRIFT OF DUSTS APPLIED TO ADJACENT ORCHARDS ...Dusts; Humidity; Pesticide Drift; Rain; Wind -see Air Motion; ...4.0498

THE DEGRADATION OF INSECTICIDES UNDER VERMONT CONDITIONS ...Methyl Parathion; Pesticide Drift; Pesticide Residues in Foods; Pesticides -other; Tetradifon; ...4.0499

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Chromatography; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; Radioisotopes -nonspecific; Spectrographic Techniques; Surfactants - Wetting Agents; ...4.0502

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron, Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

RESPONSE OF PLANTS TO HERBICIDES ...Amino Triazole; D, 2,4-; Foliar Absorption; Pesticide Interaction -gen.; Plant Absorption -other; Temperature - Air; ...4.0507

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Bioassay; Carbon; IAA; Pesticide Evaluation; Pesticide Interaction With Env; Pesticide Volatility; Plant Absorption -other; ...4.0508

EFFECTS OF HERBICIDES ON TREE FRUITS AND SMALL FRUITS ...Amino Triazole; Fragaria; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticide Safety Measures; ...4.0512

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Environment Accumulation Rates; Linuron; Medicago; Pesticide Application Equip.; Pesticide Evaluation; T, 2,4,5-; ...4.0513

CHEMICAL CONTROL OF PERENNIAL BROADLEAVED WEEDS IN ALFALFA ...Atrazine; Caryophyllaceae; Cruciferae; Medicago; Terbacil; ...4.0520

EFFECT OF PHOSPHORUS INSECTICIDES ON QUALITY OF ALFALFA HAY ...Demeton; Malathion; Nitrogen and Nitrogen Cpds.; Pesticide Action on Plants; Phosphorus and Phosphorus Cpds; Temperature - Air; Tissue Accumulation Rates; ...4.0521

HERBICIDAL WEED CONTROL IN ALFALFA IN WYOMING ...Atrazine; Chenopodiaceae; Medicago; Pesticide Evaluation; Rp-11561; Terbacil; ...4.0524

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Herbicides -nonspecific; Herbicides and Other Chem; Pesticide Persistance in Soils; Pesticide Rates -general; Tissue Accumulation Rates; ...4.0527

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. --(1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Plant; Propachlor; Translocation; Vegetables; ...4.0528

PESTICIDE-WILDLIFE RELATIONSHIPS ...Birds; DDT; Insecticides -nonspecific; Mammals; Odocoileus; Quail; Rabbits; ...4.0530

PESTICIDE DEPOSITION IN POULTRY ...Chemical Analysis; DDT; Food Contamination; Laboratory Animals; Pesticide in Food Chains; Pesticide Residues in Feeds; Residues in Foods; ...4.0538

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; DDT; Difolatan; Laboratory Animals; Methoxychlor; Muridae; Pesticide Persistance in Soils; Phaltan; ...4.0556

BIOLOGY AND CONTROL OF ORANGEWORMS ATTACKING CITRUS, WITH REFERENCE TO ORANGE TORTRIX ...Biological Control; DDT; Insects - Beneficial; Pesticide Application Rates; TDE; ...4.0562

PESTICIDES IN MAN ...Pesticide Toxicity in Humans; Pesticides - nonspecific; ...4.0573

WILDLIFE VS. BIDRIN AND DIMETHOATE USE IN SEED ORCHARDS ...Animal Distribution; Bidrin; Birds; Dimethoate; Mammals; Pesticide Legal Aspects; Population Dynamics - general; ...4.0575

RESPONSES OF DAIRY CATTLE FED FEEDSTUFFS CONTAINING RESIDUES OF CERTAIN AGRICULTURAL CHEMICALS ...Baytex; Chemical Analysis; Feces; Pesticide Action on Animals; Residues in Foods; Tissue Accumulation Rates; ...4.0601

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Baytex; Dursban; Imidan; Mca-600; Pesticide Evaluation; Phosvel; Tissue Accumulation Rates; ...4.0602

RESIDUES IN MILK FROM COWS FED INSECTICIDE-CONTAMINATED FORAGE ...Bos; Insect Resistance; Pesticide Action on Animals; Phosphorothioate Cpds.; ...4.0603

DIELDRIN BUILD-UP AND DISSIPATION RATE IN FATTY TISSUES OF BEEF CATTLE FED DIFFERENT LEVELS OF AL-

DRIN ...Aldrin; DDT; Laboratory Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; ...4.0609

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Persistance in Soils; Reptiles; Water Pollutants - Path of; ...4.0633

TISSUE RESIDUE ACCUMULATION AND PHYSIOLOGICAL AND REPRODUCTIVE RESPONSE OF LINDANE-TREATED SWINE ...Chemical Analysis; Domestic Animals; Lindane; Sus; Tissue Accumulation Rates; ...4.0637

EFFECT OF INSECTICIDES IN FEED ON GROWTH, BODY STORES, AND REPRODUCTION OF SHEEP ...Domestic Animals; Home Economics; Methoxychlor; Ovis; Pesticide Action on Animals; ...4.0641

PERFORMANCE OF SWINE FED PESTICIDES AND RESIDUES IN BODY TISSUE ...DDT; Heptachlor Epoxide; Malathion; Pesticide Residues in Feeds; Tissue Accumulation Rates; ...4.0642

EFFECT OF RUELENE (REG. TRADEMARK) ON EMBRYONIC DEVELOPMENT ...Bos; Chemical Analysis; Developmental Physiology; Domestic Animals; Experimental Teratology; Ruelene; ...4.0644

METABOLISM OF PESTICIDES IN CATTLE ...Animal Pests; Bos; Domestic Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; Tissue Accumulation Rates; Urine; ...4.0649

STUDIES IN CHEMICAL METHODOLOGY FOR DETERMINATION OF PESTICIDE RESIDUES ...Chemical Analysis; DDT; Dieldrin; Laboratory Animals; Mallard; Pesticide Residue Analysis; ...4.0652

THE ACCUMULATION AND EXCRETION OF DIELDRIN IN DAIRY HEIFERS AND COWS ...Bos; Dieldrin; Residues in Foods; Tissue Accumulation Rates; ...4.0666

EFFECTS OF PESTICIDES ON NON-TARGET ORGANISMS ...Animal; Arachnida; Dieldrin; Pesticide in Food Chains; Pesticide Residue Analysis; Scophulariaceae; ...4.0667

FACTORS AFFECTING PLACENTAL TRANSFER, METABOLISM AND EXCRETION OF PESTICIDES IN ANIMALS ...Animal Pharmacology; DDT; Laboratory Animals; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; Tissue Accumulation Rates; ...4,0669

PESTICIDE METABOLISM IN BEEF CATTLE ...Bos; Lindane; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Formulation; Pesticide Residues in Feeds; Ruelene; ...4.0670

FACTORS AFFECTING INSECTICIDE RESIDUES IN MILK ...Bos; Domestic Animals; Metabolites From Pesticides; Pesticide Residues in Feeds; Residues in Foods; ...4.0671

MAGNITUDE AND NATURE OF POLYCHLORINATED BIPHENYLS IN COHO SALMON ...Chemical Analysis; DDT; Lake Michigan; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0674

HERBICIDE STUDIES EMPLOYING IN VITRO CULTURE METHODS ...Alanap; Humidity; Pesticide Action on Plants; Pesticide Formulation; ...4.0683

CONTROL OF THE IMPORTED FIRE ANT ...Baits, Lures; Pesticide Evaluation; ...4.0687

EFFECT OF CHEMICALS ON BENEFICIAL INSECTS ...Arachnida; Biological Control; Granules, Capsules; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0692

BIOENVIRONMENTAL CONTROL OF COTTON BOLLWORMS ...Biological Control; Fish; Gossypium; Insects - Beneficial; Pesticide Toxicity in Animals; Pesticide Toxicity in Humans; Physical Control; ...4.0694

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; Pesticides -nonspecific; Plant Freshwater Ecology; Temperature (water); Water Quality -general; ...4.0716

FISH REPRODUCTION AS AFFECTED BY ORGANOCHLORINE INSECTICIDES ...Captive Rearing; Chlordan; Dieldrin; Laboratory Animals; Methoxychlor; ...4.0722

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Aroclor; Dieldrin; Ictalurus Punctatus; Lepomis Macrochirus; Physiological Effects; ...4.0723

PESTICIDE-WILDLIFE RELATIONSHIPS - REPRODUCTION, GROWTH, AND PHYSIOLOGY OF DEER FED DIELDRIN CONTAMINATED DIETS ...Deer -nonspecific; Dieldrin -see Pesticides; Laboratory Animals; Pesticide Formulation; Pesticide Tolerance Rate; Tissue Accumulation Rates; ...4.0744

DEGRADATION AND PERSISTENCE OF ALDRIN ...Aldrin; Animal Habitat Studies; Dieldrin; Pesticide in Food Chains; ...4.0746

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Guthion; Medicago; Nemacur P; Pesticide Application Rates; Phosvel; Sevin; ...4.0759

INCREASED BODY METABOLISM AND EXCRETION RATE OF PESTICIDE FROM DAIRY COWS ...Bos; DDT; Domestic Animals; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.0762

CONTROL OF APPLE INSECT PESTS WITH REDUCED SPRAY SCHEDULES ...Gardona; Liquids Or Sprays; Pesticide Drift; Pesticide Persistance in Soils; Sevin; ...4.0765

TOXICOLOGICAL STUDIES OF DIELDRIN AND STEROIDS IN DOGS ...Canidae; Dieldrin; Gas Chromatography; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0773

EGG COMPOSITION, MALATHION RESIDUES, AND MEAT QUALITY OF MALATHION TREATED HENS ...Gallus Domesticus; Home Economics; Laboratory Animals; Malathion; Metabolites From Pesticides; Residues in Foods; Tissue Accumulation Rates; ...4.0777

QUALITY IN PORK AS INFLUENCED BY CERTAIN PHYSICAL AND CHEMICAL CHARACTERISTICS ...Chemical Analysis; DDT; Pesticide Action on Animals; Residues in Foods; Sus; Tissue Accumulation Rates; ...4.0797

INFLUENCE OF NUTRITION ON INSECTICIDE RESIDUES IN CHICKENS ...Birds; Dieldrin; Gallus Domesticus; Residues in Foods; Tissue Accumulation Rates; ..4.0798

EXCRETION OF CHEMOTHERAPEUTIC AGENTS ...Animal Pharmacology; Bacteria -nonspecific; Bos; Pesticide Action on Animals; Plant Resistance; Residues in Foods; Sulfamethazine; ...4.0802

ENVIRONMENTAL TOXICOLOGY OF PESTICIDES ...Air Pollution; Contamination - Water; Monitoring Systems; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Residues in Foods; ...4.0822

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

EFFECTS OF PESTICIDES ON INSECTS, MITES, AND PREDACEOUS ARTHROPODS IN APPLE ORCHARDS ...Arachnida; Foreign Agriculture; Insects - Beneficial; Pesticide Action on Animals; Pesticide Toxicity in Animals; Population Dynamics -general; Temperature - Air; ...4.0838

BIOLOGY AND CONTROL OF ARTHROPODS ON SOYBEANS ...Aliphatic Carbamates; Arachnida; Biological Control; Insect Resistance; Methomyl; Pesticide Evaluation; Population Dynamics - general; ...4.0843

A STUDY OF THE PESTICIDE RESIDUES AND OF PARASITES IN BIG GAME MAMMALS OF SOUTH DAKOTA ...Animal Pharmacology; Antihelmirth; Gastropoda; Ovis; Pesticide Evaluation; Pesticides -nonspecific; ...4.0846

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ...Bos; Domestic Animals; Food Contamination; Lindane; Residues in Foods; ...4.0849

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Animal Resistance; Bos; Herbicides and Other Chem; Mammals -nonspecific; Pesticide Action on Plants; Sevin; ...4.0860

INSECTICIDE RESIDUES IN POULTRY AND EGGS ...Biochemical Analysis - Tissues; Chlordan; Food Contamination; Home Economics; Melliagris; Pesticide Residues in Feeds; Residues in Foods; ...4.0862

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN RELATION TO INSECTS AFFECTING LIVESTOCK ...Biodegradation; Chemical Analysis; Domestic Animals; Insecticides -nonspecific; Liquids Or Sprays; Livestock -nonspecific; Pesticide Evaluation; ...4.0863

BIOLOGY AND CONTROL OF THE ALFALFA WEEVIL ...Animal Life History Studies; Ethyl Parathion; Guthion; Insects - Beneficial; Pesticide Evaluation; Sevithion; ...4.0880

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Carbon; DDT; Domestic Animals; Muridae; ...4.0883

THE METABOLIC FATE OF AN ORGANIC PHOSPHATE INSECTICIDE (GS-13005) WHEN FED TO DAIRY CATTLE ...Animal; Domestic Animals; Microorganism-see Cell. Catab.; Radioisotopes -nonspecific; ...4.0884

ORGANIC PHOSPHATE RESIDUE IN DAIRY COWS ...Animal; Domestic Animals; Muridae; Sulfoxide; Tissue Accumulation Rates; ...4.0885

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Perticides -other; Plictran; Thimet; ...4.0895

CORN EARWORM CONTROL ...Bay 93820; Chlorphenamidine; Methomyl; Pesticide Phytotoxicity; Sevin; Zea Mays - Field Corn; ...4.0898

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Plant Competition; Populus; Terbacil; ...4.0899

RESIDUES OF FISH CONTROL AGENTS - FLUOROMETRY, THIN LAYER AND GAS CHROMATOGRAPHY FOR ANALYSIS OF QUINALDINE RESIDUES IN FISH (ABBREV) ...Animal Pharmacology; Centrarchidae; Ictaluridae; Lepomis Macrochirus; Pesticide Formulation; Piscicides -nonspecific; Quinaldine; ...4.0905

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Domestic Animals; Food Contamination; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Residues Removal; Residues in Foods; ...4.0909

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

CHRONIC TOXICITY OF PESTICIDES TO COLD-WATER FISH ...Animal Pharmacology; Fish; Nutrition; Pesticides -see Pesticide; Shock -animal; ...4.0920

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Animal Resistance; Chemical Degradation; Insecticides -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Interaction With Env; Sevin; ...4.0922

RESIDUES OF SELECTED PESTICIDES ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Mammals -nonspecific; Pesticide Drift; Pesticide Volatility; ...4.0924

PESTICIDE RESIDUES ON ARIZONA CROPS ...Air - Water - Plant Relations; DDT; Medicago; Pesticide Toxicity to Microorg; Radioisotopes -nonspecific; Toxaphene; ...4.0925

FATE OF INSECTICIDE CHEMICALS IN RELATION TO NONPERSISTENCE AND SPECIES SPECIFICITY ...Allethrin; Buxten; Metabolites From Pesticides; Pesticide Residue Analysis; Pyrethrum; ...4.0926

BIOLOGICAL ACTIVITY OF INSECTICIDAL DERIVATIVES ...Insecticides -nonspecific; Pesticide Safety Measures; ...4.0927

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Daucus Species; Dichloropropene; Pesticide Evaluation; Residues in Foods; ...4.0928

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Citrus; Fragaria; Fruit, Nut, and Berry Crops; Fumigants -nonspecific; Horticultural Crops - general; Lactuca; Pesticide Organoleptic Prop.; Phaseolus; Residues in Foods; Vegetables; ...4.0929

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Animal; Furadan; Muridae; Pesticide Residues Removal; Plant; Residues in Foods; ...4.0932

PESTICIDE RESIDUES - THEIR NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND SOILS ...Herbicides and Other Chem; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Types -also See Specifics; ...4.0935

WEED CONTROL IN FRUIT CROPS, WITH SPECIAL REFERENCE TO APPLE AND PEACH ...Dichlobenil; Economics of Chemical Control; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Prunus Persica; Simazine; ...4.0936

EFFECTS OF AERIALLY DELIVERED DEFOLIANTS AND INSECTICIDES ...Defoliants; Insecticides -nonspecific; Pesticide Action on Plants; ...4.0938

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Petroleum Cpds. -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

WARNING AGENTS FOR TOXIC FUMIGANTS ...Foreign Agriculture; Israel; Pesticide in Food Chains; Pesticide Residues in Feeds; Pesticide Toxicity in Humans; Preventative Measures; ...4.0948

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; D, 2,4-; Food Contamination; Pesticide in Food Chains; Pesticide Persistance in Soils; Poultry - nonspecific; Translocation; ...4.0952

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

CHLORINATED INSECTICIDE RESIDUES IN ANIMAL PRODUCTS AND FEEDS ...Chemical Analysis; Chlorinated Hydrocarbons; Domestic Animals; Insecticides -nonspecific; Pesticide Rates -general; Pesticide Residues in Feeds; Residues in Foods; ...4.0955

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; Gallus Domesticus; Medicago; Pesticide Formulation; Tissue Accumulation Rates; ...4.0959

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Carbamates -nonspecific; DDE; Diazinon; Home Economics; Organophosphorous Cpds.; Physical Degradation; TDE; ...4.0963

EVALUATION OF PESTICIDE RESIDUE PROBLEM IN MONTANA ...Chlordan; Domestic Animals; Heptachlor Epoxide; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Absorption - other; ...4.0964

BIOLOGICAL INTERACTIONS WITH SYSTEMIC FUNGICIDES ...Basidiomycetes; Fungi -nonspecific; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Action on Plants; Plant; Vitavax; ...4.0965

BIOASSAY OF SUCKER CONTROL CHEMICALS AND PESTICIDE RESIDUE ON LEAF TOBACCO ...Bioassay; Carbon; Maleic Hydrazide; Nicotiana; Tobacco Products &/or Smoking; Tween-80 -see Surfactants; ...4.0968

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides - other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Lindane; Methoxychlor; Residues in Foods; Tissue Accumulation Rates; ...4.0973

THE CYCLING OF CL-36 LABELED DDT IN NATUKAL ECOSYSTEMS ...Chlorine; Contamination -see Air & Water; DDT; Radioisotopes; Tissue Accumulation Rates; ...4.0974

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Methoxychlor; Residues in Foods; Toxaphene; ...4.0976

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biological Control; Chlorphenamidine; Gardona; Insects - Beneficial; Liquids Or Sprays; Oxthioquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Cucurbita; Liquids Or Sprays; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Growth Regulators -ns.; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

INSECTICIDAL RESIDUES ...Carbon; Diazinon; Medicago; Methoxychlor; Pesticide Application Rates; Pesticide Persistance in Soils; Plant; Soil Microbiology; ...4.0985

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion, Pesticide Persistance in Soils; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination -other; Urine; ...4.0987

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Degradation, Insecticides - nonspecific; Pesticide Degradation -see Deg; Pesticides -nonspecific; Texas; ...4.0988

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Calification -vertebrate; DDT; Dibromoethane; Food Contamination; Malathion; Sevin; Tissue Accumulation Rates; ...4.0989

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut and Berry Crops: Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Pyrus Malus; Sevin; ...4.0990

NORTHWEST TREE FRUIT INSECTS ...Acaricides -nonspecific; Arachnida, DDT; Insect Pesistance, Invertebrate Physiology; Pesticide Action on Animals; Radiation Sources -general; ...4.0993

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Labiatae; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Plant; ...4.0994

RESIDUES AND BREAKDOWN PRODUCTS OF CHEMICAL FUNGICIDES IN PECAN NUTS ...Carbon Disulfide; Chemical Analysis; Dodine; Fruit, Nut, and Berry Crops; Zinc; ...4.1003

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis, Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

AUTOMATED ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Chlorine; Organophosphorous Cpds.; Residues in Foods; ...4.1005

PESTICIDES AND WILDLIFE ...Animal, Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains, Pesticides -see Pesticide; Pollution Effects - see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor, Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification, ...4.1014

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cassia; Cotoran; Foliar Absorption; Leaf Analysis; Pesticide Phytotoxicity; Plant Tissue Analysis -chem; Root Absorption; ...4.1018

INSECTICIDE RESIDUES FROM EXPERIMENTAL TREATMENTS TO PREVENT OR CONTROL INSECTS IN STORED PRODUCTS ...Bromine; Chlorine; Food Contamination; Malathion; Piperonyl Butoxide; ...4.1019

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Chemical Analysis; Feces; Metabolites From Pesticides; Pesticide Rates -general; Phenol; Tissue Accumulation Rates; ...4.1020

ANALYTICAL METHODS FOR PESTICIDES, TIFTON ...Bayer 25141; Carbamates -nonspecific; Chlorinated Hydrocarbons; Fluorine; Gramineae -other; Metabolites From Pesticides; ...4.1021

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Simazine; Terbacil; Tok; Vegetables; ...4.1022

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds, Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Phaseolus, Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

ANALYTICAL METHODS FOR HERBICIDES AND RESIDUES ...Chemical Analysis; Gas Chromatography; Metabolites From Pesticides; Solvents Or Carriers; Temperature - Air; ...4.1027

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specific; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENT ...Chemical Analysis; Gas Chromatography; Pesticide Persistance in Soils; Pesticides -nonspecific; Soil Chemical Properties; ...4.1034

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bux-ten; Disulfoton; Guthion; Monitor; Nicotine; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...4.1036

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae, Pesticide Evaluation; Residues in Foods; Water Pollutants - Path of; ...4.1038

QUALITY FACTORS OF LAKE MICHIGAN COHO SALMON FLESH ...DDE; Dieldrin; Oncorhynchus; Pesticides -see Pesticide; Spawning -see Fish & Shellfish; ...4.1046

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Bos; DDT; Domestic Animals; TDE; ...4.1048

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Biodegradation; Home Economics; Pesticide Residue Analysis, Pesticide Residues Removal; Residues in Foods; ...4.1049

ECONOMICS OF PERSISTENT INSECTICIDE RESIDUES ...Degradation; Environment Accumulation Rates; Ericaceae; Literature Search; Methyl Parathion; Phenols; ...4.1050

PREPARATION OF CHLORINE-36 LABELED ORGANOCHLORINE PESTICIDES AND RELATED COMPOUNDS (PCB'S) ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Radioisotopes; ...4.1057

ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Chlorinated Hydrocarbons; Metabolites From Pesticides; Organophosphorous Cpds.; Pesticide Aquatic Cycling; Pesticides - see Pesticide; ...4.1063

HERBICIDE RESIDUE METHODS ...Atrazine; Chemical Analysis; Microwave Spectroscopy; Prometone; Propazine; Urea Cpds. - nonspecific; ...4.1064

MECHANISMS OF THE OXIDATIVE DEGRADATION OF PESTICIDE MALEIC-HYDRAZIDE ...Chemical Analysis; Environment Accumulation Rates; Isotope Tracer -see Tracers; Oxidation; Pesticide Action on Plants; Thin Layer Chromatography; ...4.1068

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

RESIDUE OF PESTICIDES - NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND ENVIRONMENT ...DDE; DDT; Laboratory Animals; Metabolites From Pesticides; Methoxychlor; Pesticide Action on Animals; Sevin; ...4.1070

PESTICIDE RESIDUES IN ENVIRONMENT AND EFFECTS ON MARKETING AGRICULTURAL COMMODITIES ...Agricultural Economics; Consumer Attitudes- Pesticides; Demeton, Medicago; Organophosphorous Cpds.; Pesticides -nonspecific; ...4.1071

SEVIN PARATHION ANALYSIS ...Chemical Analysis; Methyl Parathion; Pesticide Application Rates; Pesticide Residues in Feeds; Pesticide Safety Measures; Sevin; ...4.1073

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide, Plant; ...4.1075

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Ciodrin; DDT; Ericaceae; Gardona; Metabolites From Pesticides; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant Growth Regulators -ns.; ...4.1076

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Insecticides -nonspecific; Pesticide Absorption Rates; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Toxicity -general, Plant; Plant Resistance; ...4.1079

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Aliphatic Carbamates; Chemical Analysis; Disulfoton; Moisture Deficiency; Pesticide in Food Chains; Preventative Measures; Rubus; ...4.1080

DEVELOPMENT OF APPLE SPRAY PROGRAMS IN RELATION TO SPRAY RESIDUE RESTRICTIONS ...Degradation; Furadan; Guthion; Liquids Or Sprays; Petroleum Cpds. -nonspecific; Pyrus Malus; ...4.1082

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Liquids Or Sprays; Maloran; Pesticide Application Rates; Pesticide Toxicity in Animals; Phleum; Silvex; Terbacil; Zea Mays - Field Corn; ...4.1083

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY. ...Abscission; B9; Fruit Analysis; Naa; Pesticide Residue Analysis; Pesticides - other; Prunus Cerasus & P. Avium; Pyrus Malus; ...4.1084

KINDS AND LEVELS OF PESTICIDES OR METABOLIC PRODUCTS IN TOBACCO LEAF AND SMOKE ...Fungicides -

nonspecific; Maleic Hydrazide; Nicotiana; Pesticide Rates - general; Pesticides -other; ...4.1089

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Dichlobenil; Groundwater; Pesticide Legal Aspects; Pesticide Persistance in Soils; Soil Chemical Properties; Terbacil; Water Pollutants - Path of; ...4.1091

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES ...D, 2,4-; Pesticide Action on Plants; Pesticide Residue Analysis; Residues in Foods; Storage Changes; ...4.1094

ANALYTICAL METHODS FOR PESTICIDES AND PESTICIDE DEGRADATION PRODUCTS ...Bos; Degradation -see Pesticide Deg; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Sumithion; ...4.1103

FATE AND PERSISTENCE OF PESTICIDES AND PHYSIOLOGICALLY ACTIVE DEGRADATION PRODUCTS ...Degradation; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -nonspecific; Pesticides -see Pesticide; Physical Degradation; Soil Types -also See Specifics; ...4.1104

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Radioisotopes - nonspecific; Saccharum; Tropical Regions; ...4.1107

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Computer Methods -general; Food Supply; Forest Environment -general; Mark Tag Or Capture; Pesticide Residue Analysis; Pesticides -nonspecific; Quail; ...4.1113

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Heptachlor; Liquids Or Sprays; Pesticide Residue Analysis; Pesticide Residues in Feeds; Pesticide Toxicity in Animals; TDE; ...4.1114

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Chenopodiaceae; Dieldrin; Dimethoate; Insect Resistance; Parathion; Sorghum; Triticum; ...4.1115

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

HARVEST-AID CHEMICAL RESIDUES IN COTTONSEED ...Absorption (incl Adsorption); Chemical Analysis; Herbicides and Other Chem; Metabolites From Pesticides; Plant Absorption - other; Translocation; ...4.1120

PESTICIDE ANALYSIS, COLLEGE STATION ...Aliphatic Carbamate , Gc 6506; Muridae; Pesticide Formulation; Pesticide Phytotoxicity; Thin Layer Chromatography; ...4.1122

PESTICIDE RESIDUE ANALYSIS, KERRVILLE ...Aerosols - Smokes, Fogs, Steam; Arachnida; Ciodrin; Dursban; Lindane; Pesticide Rates -general; Ronnel; ...4.1124

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Aldrin; Dieldrin; Gallus Domesticus; Home Economics; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.1126

PREVENTING INSECT DAMAGE TO TOBACCO AND TOBACCO PRODUCTS IN MARKETING CHANNELS ...Bacilli -nonspecific; Nicotiana; Pesticide Evaluation; Pesticide Toxicity in Animals; Physical Control; Temperature - Air; ...4.1127

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING STONE FRUITS ...Arachnida; Baygon; Liquids Or Sprays; Pesticide Evaluation; Petroleum Cpds. -nonspecific; Rosaceae; Yeasts -nonspecific; ...4.1128

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Bacillus Thuringiensis; Brassica Species; Chemical Analysis; Gas Chromatography; Pesticide Evaluation; Soil Contamination -other; Thimet; ...4.1132

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Carbamates -nonspecific; Chlorinated Hydrocarbons; Herbicides and Other Chem; Organophosphorous Cpds.; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; ...4.1133

STUDY OF THRIPS TABACI, ITS BIOLOGY AND ECOLOGY, A VIRUS VECTOR ON TOBACCO ...Animal Life History Studies; Insect Resistance; Nicotiana; Pesticide Residue Analysis; Phenols; Population Dynamics -general; ...4.1134

Pesticide Residues in Feeds

REDUCTION OR ELIMINATION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Endrin; Glycine; Pesticide Residues Removal; Residues in Foods; Toxaphene; ...4.0132

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Apium Species; DDT; Parathion; Pesticide Residues; Pesticide Residues Removal; Temperature - Air; Vegetables; ...4.0266

INVESTIGATIONS OF ALFALFA INSECTS, THEIR BIOLOGY AND CONTROL ...Animal Life History Studies; Furadan; Pesticide Evaluation; Supracide; ...4.0353

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Daiapon; Herbicides -nonspecific; Panicum - other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Plant; Solanum; ...4.0435

DEVELOPMENT AND REFINEMENT OF ANALYTICAL METHODS FOR AGRICULTURAL PRODUCTS ...Animal Pharmacology; Chemical Analysis; Iodine; Lead; Pesticide Residues Removal; Pesticides -nonspecific; Vertebrates -nonspecific; ...4.0489

LABELLED PESTICIDES FOR STUDIES OF RECOVERY OF PESTICIDE RESIDUES BY SOLVENT EXTRACTION OF SPIKED & AGED CEREAL SAMPLES (ABBREV) ...British Isles; Chemical Analysis; Ddvp; Foreign Agriculture; Malathion; Radioisotopes -nonspecific; ...4.0494

THE DEGRADATION OF INSECTICIDES UNDER VERMONT CONDITIONS ...Methyl Parathion; Pesticide Drift; Pesticide Residues; Pesticides -other, Tetradifon; ...4.0499

EFFECT OF PHOSPHORUS INSECTICIDES ON QUALITY OF ALFALFA HAY ...Demeton; Malathion; Nitrogen and Nitrogen Cpds.; Pesticide Action on Plants Pesticide Residues; Phosphorus and Phosphorus Cpds; Temperature - Air; Tissue Accumulation Rates; ...4.0521

CHLORINATED HYDROCARBON IN THE LACTATING BOVINE AND EFFECT ON LIPID METABOLISM ...Bos; DDT; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0537

PESTICIDE DEPOSITION IN POULTRY ...Chemical Analysis; DDT; Food Contamination; Laboratory Animals; Pesticide in Food Chains; Residues in Foods; ...4.0538

DDT AND OTHER CHLORINATED HYDROCARBONS AND EGG SHELL QUALITY ...Birds; Chlorinated Hydrocarbons; DDT; Gallus Domesticus; Melliagris; Pesticide Action on Animals; Quail; ...4.0597

RESPONSES OF DAIRY CATTLE FED FEEDSTUFFS CONTAINING RESIDUES OF CERTAIN AGRICULTURAL CHEMICALS ...Baytex; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0601

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Baytex; Dursban; Imidan; Mca-600; Pesticide Evaluation; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.0602

RESIDUES IN MILK FROM COWS FED INSECTICIDE-CONTAMINATED FORAGE ...Bos; Insect Resistance; Pesticide Action on Animals; Pesticide Residues; Phosphorothioate Cpds.; ...4.0603

INSECTICIDE METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Birds; Developmental Physiology; Insect Chemosterilants -ns.; Organophosphorous Cpds.; Pesticide in Food Chains; ...4.0607

DIELDRIN BUILD-UP AND DISSIPATION RATE IN FATTY TISSUES OF BEEF CATTLE FED DIFFERENT LEVELS OF ALDRIN ...Aldrin; DDT; Laboratory Animals; Pesticide Residue Analysis; ...4.0609

PREVENTION AND DISSIPATION OF PESTICIDE RESIDUES IN THE PRODUCTION OF MARKETABLE MILK AND MEAT PRODUCTS ...Bos.; DDE; Liquids Or Sprays; Pesticide Residues Removal; TDE; ...4.0610

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...DDT; Lindane; Muridae; Pesticide Action on Animals; ...4.0612

ACCELERATED REMOVAL OF INSECTICIDE RESIDUES ...Animal Pharmacology; Chemical Analysis; DDT; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0618

MECHANISM OF ACTION OF HALOGENATED HYDROCARBON FUMIGANTS ON ANIMALS ...Birds; Dibromoethane; Foreign Agriculture; Israel; Muridae; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0621

EFFECTS OF DDT AND ANALOGUES ON REPRODUCTION IN DOMESTIC MAMMALS AND BIRDS ...Birds; DDT; Gallus Domesticus; Muridae; Pesticide Action on Animals; TDE; ...4.0636

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Quail; TDE; ...4.0638

EFFECT OF MALATHION AND SEVIN ON REPRODUCTIVE PERFORMANCE OF THE HEN ...Birds; Developmental Physiology; Gallus Domesticus; Malathion; Pesticide Formulation; Sevin; ...4.0640

PERFORMANCE OF SWINE FED PESTICIDES AND RESIDUES IN BODY TISSUE ...DDT; Heptachlor Epoxide; Malathion; Tissue Accumulation Rates; ...4.0642

PESTICIDE RESIDUAL ACCUMULATION AND ELIMINATION BY SWINE ...Chemical Analysis; DDT; Lindane; Malathion; Pesticide Application Rates; Sus; ...4.0643

ABSORPTION AND EXCRETION OF HEPTACHLOR EPOXIDE BY DAIRY CATTLE ...Bos; Heptachlor Epoxide; Pesticide Action on Animals; Petroleum -see Oil; ...4.0648

METABOLISM OF PESTICIDES IN CATTLE ...Animal Pests; Bos; Domestic Animals; Pesticide Residue Analysis; Tissue Accumulation Rates; Urine; ...4.0649

FUR ANIMAL NUTRITION STUDIES ...Animal Pharmacology; Dieldrin; Mustelidae; Scorpaenidae; TDE; ...4.0663

FUR ANIMAL STUDIES (MINK) ...Chemical Analysis; DDT; Domestic Animals; Muridae; Mustelidae; Pesticide Formulation; Pesticide Residues Removal; TDE; ...4.0664

METABOLISM OF PESTICIDES BY RUMEN MICROBIOTA AND FACTORS INFLUENCING ABSORPTION ...Bacterial Identification; Capra; DDT; Intestinal Bacteria; Microorganism-see Cell. Catab.; Pesticide Action on Plants; Petroleum -see Oil; ...4.0668

FACTORS AFFECTING PLACENTAL TRANSFER, METABOLISM AND EXCRETION OF PESTICIDES IN ANIMALS ...Animal Pharmacology; DDT; Laboratory Animals; Pesticide Action on Animals; Residues in Foods; Tissue Accumulation Rates; ...4.0669

PESTICIDE METABOLISM IN BEEF CATTLE ...Bos; Lindane; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Formulation; Pesticide Residues; Ruelene; ...4.0670

FACTORS AFFLCTING INSECTICIDE RESIDUES IN MILK ...Bos; Domestic Animals; Metabolites From Pesticides; Residues in Foods; ...4.0671

FACTORS INVOLVING PESTICIDES IN MILK PRODUCTS ...Avena Sativa; Chemical Analysis; Gossypium; Pesticide in Food Chains; Residues in Foods; ...4.0685

FIELD AND LABORATORY INVESTIGATIONS OF INSECTICIDES ...Animal Resistance; Endrin; Pesticide Application Rates; Pesticide Formulation; Residues in Foods; Triticum; ...4.0757

INCREASED BODY METABOLISM AND EXCRETION RATE OF PESTICIDE FROM DAIRY COWS ...Bos; DDT; Domestic Animals; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; ...4.0762

DIELDRIN TOXICITY IN THE CHICKEN ...Dieldrin; Domestic Animals; Gallus Domesticus; Residues in Foods; Tissue Accumulation Rates; ...4.0803

FURADAN INSECTICIDE RESIDUE STUDY WITH DAIRY CATTLE AND CHICKENS ...Furadan; Pesticide in Food Chains; Residues in Foods; Tissue Accumulation Rates; ...4.0806

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specific.s; Bos; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticides -see Pesticide; TDE; ...4.0836

CHEMICAL RESIDUES IN MILK ...Bos; Domestic Animals; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Residues in Foods; ...4.0850

NUTRITION AND PROPAGATION OF THE ATTWATER'S PRAIRIE CHICKEN ...Aspergillus; Captive Rearing; Endangered Species; Nematoda; Pathology; Pesticide Residues Removal; Protozoa; Tissue Accumulation Rates; ...4.0857

EFFECT OF CHARCOAL ON PESTICIDE RESIDUES AND ON NUTRIENT UTILIZATION IN RUMINANTS ...Bos; Chemical Analysis; Domestic Animals; Pesticide Residues Removal; Ronnel; Tissue Accumulation Rates; ...4.0859

INSECTICIDE RESIDUES IN POULTRY AND EGGS ...Biochemical Analysis - Tissues; Chlordan; Food Contamination; Home Economics; Meliagris; Residues in Foods; ...4.0862

TOXICOLOGIC EFFECTS OF HERBICIDE-TREATED PLANTS ON LIVESTOCK ...Atrazine; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Rates -general; Ranunculaceae; Tissue Accumulation Rates; ...4.0874

ORGANIC PHOSPHATE RESIDUE IN DAIRY COWS ...Animal; Domestic Animals; Muridae; Pesticide Residues; Sulfoxide; Tissue Accumulation Rates; ...4.0885

PESTICIDE RESIDUES INGESTED BY FINISHING AND REPRODUCING BEEF CATTLE ...Bos; Domestic Animals; Heptachlor; Heptachlor Epoxide; Pesticide Action on Animals; ...4.0889

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Domestic Animals; Food Contamination; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Residues; Pesticide Residues Removal; Residues in Foods; ...4.0909

CAUSES OF ABORTIONS IN DAIRY CATTLE WITH PARTICULAR REFERENCE TO PESTICIDES AND MOLD TOXINS ...Aspergillus; Domestic Animals; Gibberella; Nutrition; Pesticides -nonspecific; ...4.0917

RESIDUES OF SELECTED PESTICIDES ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Mammals -nonspecific; Pesticide Drift; Pesticide Residues; Pesticide Volatility; ...4.0924

PESTICIDE RESIDUES AND METABOLITES ...Arachis; Gas Chromatography; Pesticide in Food Chains; Pesticide Residue Analysis; Pesticide Tolerance Rate; Sevin; ...4.0942

WARNING AGENTS FOR TOXIC FUMIGANTS ...Foreign Agriculture; Israel; Pesticide in Food Chains; Pesticide Toxicity in Humans; Preventative Measures; ...4.0948

CHLORINATED INSECTICIDE RESIDUES IN ANIMAL PRODUCTS AND FEEDS ...Chemical Analysis; Chlorinated Hydrocarbons; Domestic Animals; Insecticides -nonspecific; Pesticide Rates -general; Pesticide Residues; Residues in Foods; ...4.0955

METABOLIC OBSERVATIONS - NUTRITIONAL INTERACTION BETWEEN UREA AND APPLE POMACE RE REPRODUCTIVE FAILURE ...Bos; Pesticides -nonspecific; ...4.0956

EVALUATION OF PESTICIDE RESIDUE PROBLEM IN MONTANA ...Chlordan; Domestic Animals; Heptachlor Epoxide; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; ...4.0964

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Lindane; Methoxychlor; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0973

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Methoxychlor; Pesticide Residues; Residues in Foods; Toxaphene; ...4.0976

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Cucurbita; Liquids Or Sprays; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Plant Growth Regulators -ns.; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

NUTRITIONAL INTERACTION BETWEEN UREA AND APPLE POMACE RELATED TO REPRODUCTIVE FAILURE ...Bos; Developmental Physiology; Domestic Animals; Pesticide in Food Chains; Pesticides -nonspecific; ...4.0991

THE CHEMISTRY AND TOXICOLOGY OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Food Contamination; Microorganisms -nonspecific; Pesticide in Food Chains; Pesticides -nonspecific; ...4.1001

ENVIRONMENTAL DECONTAMINATION, ESPECIALLY FOR FEEDSTUFFS AND ASSOCIATED FOODS ...Chemical Analysis; DDT; Food Contamination; Residues in Foods; Trichloroethylene; ...4.1002

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Polar Regions; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

REDUCTION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Monitoring Systems; Pesticide Legal Aspects; Pesticide Residues Removal; Preventative Measures; Residues in Foods; ...4.1017

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Chemical Analysis; Feces; Metabolites From

Pesticides; Pesticide Rates -general; Pesticide Residues; Phorvel; Tissue Accumulation Rates; ...4.1020

BROMIDE RESIDUES AND THYROID FUNCTION ...Bromine; Iodine; Laboratory Animals; Methyl Bromide; Muridae; Toxicology; ...4.1039

PESTICIDE RESIDUES IN ENVIRONMENT AND EFFECTS ON MARKETING AGRICULTURAL COMMODITIES ...Agricultural Economics; Consumer Attitudes- Pesticides; Demeton; Medicago; Organophosphorous Cpds.; Pesticide Residues; Pesticides -nonspecific; ...4.1071

PESTICIDAL RESIDUES OF AGRICULTURAL CHEMICALS ...Furadan; Guthion; Metabolites From Pesticides; Methyl Parathion; Pesticide Application Rates; Pheasant; ...4.1072

SEVIN PARATHION ANALYSIS ...Chemical Analysis; Methyl Parathion; Pesticide Application Rates; Pesticide Residues; Pesticide Safety Measures; Sevin; ...4.1073

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Ciodrin; DDT; Ericaceae; Gardona; Metabolites From Pesticides; Pesticide Residue Analysis; Plant Growth Regulators -ns.; ...4.1076

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Liquids Or Sprays; Maloran; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals; Phleum; Silvex; Terbacil; Zea Mays - Field Corn; ...4.1083

ECONOMIC EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...BHC; Chemical Analysis; Parathion; Residues in Foods; ...4.1110

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Heptachlor; Liquids Or Sprays; Pesticide Residue Analysis; Pesticide Toxicity in Animals; TDE; ...4.1114

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD PRODUCTS ...Aldrin; DDT; Parathion; Residues in Foods; ...4.1118

HARVEST-AID CHEMICAL RESIDUES IN COTTONSEED ...Absorption (incl. Adsorption); Chemical Analysis; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Residues; Plant Absorption -other; Translocation; ...4.1120

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Aldrin; Dieldrin; Gallus Domesticus; Home Economics; Pesticide Action on Animals; Residues in Foods; ...4.1126

Pesticide Residues Removal

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Picloram; Soil Chemical Properties; Soil Moisture; Water Poilutants - Path of; ...2.0683

CHROMATOGRAPHIC CONCENTRATION OF PESTICIDES FROM A LARGE MASS OF WATER ...Analysis and Detection; Chemical Extraction; Column Chromatography; Distribution Coefficient; Partition Chromatography; Pesticides -nonspecific; Pesticides -see Pesticide; ...2.0710

PHOTOCHEMICAL METHODS FOR PURIFYING WATER ...Chemical Oxygen Demand; Effluents - Waste Water; Pesticides -nonspecific; Photolysis; Pilot Plants; Washington; ...2.0877

ELECTROPHORETIC CLARIFICATION OF WATER ...Adsorption; Colloidal Phenomena; Filtration; Pesticides -see Pesticide; Size; Waste Water Treatment -general; Water Pollutant Identification; ...2.0948

IMPROVING THE QUALITY OF OUR WATER RESOURCES ...Adsorption; Filtration; Pesticides -see Pesticide; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1015

IMPROVING WATER QUALITY BY REMOVAL OF PESTICIDE POLLUTANTS WITH AQUATIC PLANTS ...Degradation -see Pesticide Deg; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -nonspecific; Plant; Radioisotopes -nonspecific; ...2.1118

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Groundwater; Infiltration; Pesticides -see Pesticide; Sewage; Soil Organic Content; Waste Water Treatment -general; ...2.1540

LIVESTOCK WASTE MANAGEMENT ...Carbamates -nonspecific; Furadan; Organophosphorous Cpds.; Plant; Residues in Foods; ...3.0134

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Endrin; Eptam; Filtration; Pesticide Formulation; Ponds; Rural Areas; ...4.0034

DISPOSING OF SURPLUS PESTICIDES AND PESTICIDE CONTAINERS ...Chemical Degradation; Disposal; Herbicides -nonspecific; Insecticides -nonspecific; Nematocides -nonspecific; Waste Type; ...4.0046

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Biological Effects; Cellular Catabolism-see Degrad; DDT; Dieldrin; Lake Michigan; Microorganism-see Cell. Catab.; Pesticide Residue Analysis; ...4.0075

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0085

INSECTICIDE DECONTAMINATION OF COLORADO SOILS BY UTILIZATION OF ANIMAL WASTES ...Chlorinated Hydrocarbons; Contamination - Soil; Insecticides -nonspecific; Microorganisms -nonspecific; Pesticide Persistance in Soils; Soil Microbiology; ...4.0092

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -nonspecific; Surfactants - Wetting Agents; ...4.0093

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

REDUCTION OR ELIMINATION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Endrin; Glycine; Pesticide Residues in Feeds; Residues in Foods; Toxaphene; ...4.0132

FATE OF PESTICIDES IN CLAY AND SOIL SYSTEMS ...Clay Soils; Diphenamid; Linuron; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0147

INTERACTION OF HERBICIDES AND SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Degradation -see Pesticide Deg; Microorganisms -nonspecific; Pesticide Persistance in Soils; Soil Aeration; Soil Microbiology; ...4.0153

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

MICROBIAL DEGRADATION OF PESTICIDES ...Bacilli -nonspecific; Cyclodiene Cpds. -nonspecific; Dieldrin; Microorganism-see Cell. Catab.; Pesticide Persistance in Soils; Pseudomonas; ...4.0198

ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Brassica Species; Malathion; Parathion; Pesticide Application Rates; Pesticide in Food Chains; Residues in Foods; ...4.0202

FACTORS AFFECTING THE TOXICITY AND SELECTIVITY OF PRE-EMERGENCE SOIL HERBICIDES ...Anaerobic Bacteria; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Pyrazon; Soil Fungi -nonspecific; Soil Types -also See Specifics; ...4.0247

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Apium Species; DDT; Parathion; Pesticide Residues; Temperature - Air; Vegetables; ...4.0266

CONTROL OF POSTHARVEST CHEMICAL RESIDUES IN OR ON CITRUS FRUITS ...Cyclic Organic Cpds. --(1 Or ; Pesticide Rates -general; Residues in Foods; ...4.0275

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Air Pollution -see Specifics; Beta Particles; Fragaria; Malathion; Pesticide Interaction With Env; Residues in Foods; X and Gamma Rays; ...4.0308

REDUCTION OR ELIMINATION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Home Economics; Malathion; Metabolites From Pesticides; Organophosphorous Cpds.; Residues in Foods; ...4.0376

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Endrin; Methoxychlor; Sus; ...4.0423

REDUCTION OR ELIMINATION IN COMMERCIAL CHANNELS OF PESTICIDE RESIDUES IN FOODS ...Benlate; Food Contamination; Liquids Or Sprays; Maneb; Residues in Foods; ...4.0424

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Chlorinated Hydrocarbons; Gallus Domesticus; Pesticide in Food Chains; Solanum; ...4.0440

PESTICIDE RESIDUES IN FOODS - REMOVAL, DEGRADATION, AND ANALYSIS ...Gas Chromatography; Metabolites From Pesticides; Methyl Bromide; Pesticide Residue Analysis; Residues in Foods; Ultra Violet Radiation; ...4.0450

FOOD CONTAMINATION CONTROL WITH EMPHASIS ON QUALITY AND MARKETABILITY ...Chemical Analysis; Chlorinated Hydrocarbons; Food Contamination; Residues in Foods; Tissue Accumulation Rates; ...4.0465

DEVELOPMENT AND REFINEMENT OF ANALYTICAL METHODS FOR AGRICULTURAL PRODUCTS ...Animal Pharmacology; Chemical Analysis; Iodine; Lead; Pesticide Residues in Feeds; Pesticides -nonspecific; Vertebrates -nonspecific; ...4.0489

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae ; Simazine; Tillam; Vcs-438; ...4.0501

CHLORINATED HYDROCARBON IN THE LACTATING BOVINE AND EFFECT ON LIPID METABOLISM ...Bos; DDT; Metabolites From Pesticides; Pesticide Action on Animals; ...4.0537

PREVENTION AND DISSIPATION OF PESTICIDE RESIDUES IN THE PRODUCTION OF MARKETABLE MILK AND MEAT PRODUCTS ...Bos; DDE; Liquids Or Sprays; TDE; ...4.0610

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Aldrin; DDT; Dieldrin; Endrin; Heptachlor; Lindane; Residues in Foods; ...4.0617

ACCELERATED REMOVAL OF INSECTICIDE RESIDUES ...Animal Pharmacology; Chemical Analysis; DDT; Pesticide Action on Animals; ...4.0618

MECHANISM OF ACTION OF HALOGENATED HYDROCARBON FUMIGANTS ON ANIMALS ...Birds; Dibromoethane; Foreign Agriculture; Israel; Muridae; Pesticide Action on Animals; ...4.0621

REMOVAL OF PESTICIDE RESIDUES IN DAIRY PRODUCTS ...DDT; Endrin; Lindane; Methoxychlor; Residues in Foods; ...4.0625

REMOVAL, IN MARKET CHANNELS, OF INSECTICIDE RESIDUES FROM MILK AND MILK PRODUCTS ...Bacillus Cereus; Chemical Analysis; Food Contamination; Microorganism-see Cell. Catab.; Physical Models; Streptococcus Lactis; ...4.0626

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

FUR ANIMAL STUDIES (MINK) ...Chemical Analysis; DDT; Domestic Animals; Muridae; Mustelidae; Pesticide Formulation; TDE; ...4.0664

FACTORS AFFECTING PLACENTAL TRANSFER, METABOLISM AND EXCRETION OF PESTICIDES IN ANIMALS ...Animal Pharmacology; DDT; Laboratory Animals; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; Tissue Accumulation Rates; ...4.0669

FACTORS AFFECTING INSECTICIDE RESIDUES IN MILK ...Bos; Domestic Animals; Metabolites From Pesticides; Pesticide Residues in Feeds; Residues in Foods; ...4.0671

POTENTIALS FOR REMOVING OR REDUCING PESTICIDE RESIDUES IN FOODS ...Home Economics; Pesticides -nonspecific; Residues in Foods; ...4.0677

EFFECT OF PROCESSING PROCEDURE ON MILK PESTICIDE RESIDUES WITH EMPHASIS ON RESIDUE REMOVAL ...Brevibacterium Sp; Cellular Catabolism-see Degrad; DDE; DDT; Geotrichum; Microorganism-see Cell. Catab.; Residues in Foods; ...4.0769

NEUTRALIZATION OF ROTENONE WITH ACTIVATED CHARCOAL ...Carbon; Fish; Neutralization; Pesticides -see Pesticide; Rotenone; ...4.0776

INFLUENCE OF NUTRITION ON INSECTICIDE RESIDUES IN CHICKENS ...Birds; Dieldrin; Gallus Domesticus; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0798

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ...Bos; Domestic Animals; Food Contamination; Lindane; Pesticide Residues; Residues in Foods; ...4.0849

NUTRITION AND PROPAGATION OF THE ATTWATER'S PRAIRIE CHICKEN ...Aspergillus; Captive Rearing; Endangered Species; Nematoda; Pathology; Protozoa; Tissue Accumulation Rates; ...4.0857

EFFECT OF CHARCOAL ON PESTICIDE RESIDUES AND ON NUTRIENT UTILIZATION IN RUMINANTS ...Bos; Chemical Analysis; Domestic Animals; Pesticide Residues in Feeds; Ronnel; Tissue Accumulation Rates; ...4.0859

INSECTICIDE RESIDUES IN POULTRY AND EGGS ...Biochemical Analysis - Tissues; Chlordan; Food Contamination; Home Economics; Melliagris; Pesticide Residues in Feeds; Residues in Foods; ...4.0862

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Dursban; Heptachlor; Melliagris; Paraquat; Ronnel; Sus; ...4.0868

LIVESTOCK DETOXICATING MECHANISMS OF PESTICIDES ...Birds; Ciodrin; Domestic Animals; Gallus Domesticus; Ovis; Residues in Foods; ...4.0870

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Domestic Animals; Food Contamination; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Residues; Residues in Foods; ...4.0909

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Animal; Furadan; Muridae; Plant; Residues in Foods; ...4.0932

PESTICIDAL RESIDUES IN FOODS ...Cobalt; Food Contamination; Home Economics; Pesticide in Food Chains; Residues in Foods; ...4.0951

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Carbamates -nonspecific; DDE; Diazinon; Home Economics; Organophosphorous Cpds.; Pesticide Residues; Physical Degradation; TDE; ...4.0963

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

REDUCTION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Monitoring Systems; Pesticide Legal Aspects; Pesticide Residues in Feeds; Preventative Measures; Residues in Foods; ...4.1017

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

MALATHION RESIDUES IN POULTRY MEAT AND EGGS ...Animal; Feces; Malaoxon; Metabolites From Pesticides; Residues in Foods; ...4.1028

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Benlate; Chenopodiaceae; Ethrel; Penicillium; Respiration; TBZ; ...4.1047

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Bos; DDT; Domestic Animals; Pesticide Residues; TDE; ...4.1048

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Biodegradation; Home Economics; Pesticide Residue Analysis; Residues in Foods; ...4.1049

EQUIPMENT AND METHODS FOR DECONTAMINATION AND DISPOSAL OF PESTICIDES AND PESTICIDE CONTAINERS ...Combustion; Formulations -nonspecific; Incineration; Nitrification; Pesticide Degradation -see Deg; Sevin; Waste Water Degradation; ...4.1052

MECHANISMS OF THE OXIDATIVE DEGRADATION OF PESTICIDE MALEIC-HYDRAZIDE ...Chemical Analysis; Environment Accumulation Rates; Isotope Tracer -see Tracers; Ox-

idation; Pesticide Action on Plants; Pesticide Residues; Thin Layer Chromatography; ...4.1068

ECONOMIC EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...BHC; Chemical Analysis; Parathion; Pesticide Residues in Feeds; Residues in Foods; ...4.1110

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Heptachlor; Liquids Or Sprays; Pesticide Residue Analysis; Pesticide Residues in Feeds; Pesticide Toxicity in Animals; TDE; ...4.1114

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Sorghum; ...4.1117

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD PRODUCTS ...Aldrin; DDT; Parathion; Pesticide Residues in Feeds; Residues in Foods; ...4.1118

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Aldrin; Dieldrin; Gallus Domesticus; Home Economics; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.1126

Pesticide Resistance

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

Animal Resistance

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Bayer 25141; Cyclodiene Cpds. -nonspecific; Disulfoton; Dyphonate; Gardona; Methomyl; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. -(1 Or ; Fore ; Kelthane; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Azodrin; Compositae; Ericaceae; Pesticide Application Rates; Pesticide Phytotoxicity; Supracide; Temperature - Air; ...4.0332

CONTROL OF ARTHROPOD PESTS OF COTTON ...Costs -see Economics Entries; Gossypium; Pesticide Action on Plants; Pesticide Persistance in Soils; Pesticides Compatibility; Toxaphene; ...4.0425

INSECTICIDES AS RELATED TO COTTON INSECT CONTROL ...Aliphatic Carbamates; Arachnida; Ge 6506; Gossypium; Granules, Capsules; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0492

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Bioassay; Estuaries; Hippolyte; Marine Animals; Pesticides -nonspecific; San Francisco Bay; ...4.0543

EFFECT OF PESTICIDES ON APICULTURE ...Abate; Chlorphenamidine; Dipterex; Insects - Beneficial; Methomyl; Temperature - Air; Toxaphene; ...4.0561

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - STUDIES ON THE BIOLOGY AND STERILIZATION OF THE COFFEE LEAF MINER ...Biological Control; Foreign Agriculture; Guatemala; Pesticide Toxicity in Animals; Physical Control; Rubiaceae; X and Gamma Rays; ...4.0583

CARCINOGENESIS BIOASSAY OF PESTICIDES AND OTHER ENVIRONMENTAL AGENTS ...Bioassays; Chemical Carcinogenesis; Food Contamination; Muridae; Pesticide Action on Animals; Pesticides -nonspecific; Tumor Pathology; ...4.0624

TOXICOLOGICAL STUDIES WITH JAPANESE QUAIL ...Bioassay; Chlorinated Hydrocarbons; Laboratory Animals; Organophosphorous Cpds.; Pesticide Action on Animals; Quail; ...4.0628

FACTORS AFFECTING PESTICIDE TOXICITY ...Amphibians; Birds; Fish; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticides Compatibility; ...4.0656

MODE OF ACTION OF INSECTICIDES AS RELATED TO INSECT METABOLISM AND BEHAVIOR ...Chlordan; DDT; Fish; Pesticide Application Rates; Pyrethrum; Salvelinus; ...4.0682

CONTROL OF INSECT PESTS OF VEGETABLES BY INSECTICIDES AND PLANT RESISTANCE ...Chlordan; Insect Resistance; Pesticide Evaluation; Solanum; Thimet; ...4.0684

BIOLOGY AND CONTROL OF THE HELIOTHIS COMPLEX ON COTTON ...Aliphatic Carbamates; Biological Control; DDT; Population Dynamics -general; Toxaphene; ...4.0688

INTERACTIONS BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Fish; Parathion; Pesticide Action on Animals; ...4.0704

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES ...Centrarchidae; Fish; Ictaluridae; Percidae; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0710

SCREENING OF PESTICIDES AGAINST FRESHWATER FISHES, FY 1971 ...Bioassay; Environmental Ecology; Fish; Pesticides -nonspecific; Temperature (water); ...4.0713

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Aldrin; Cladocera; DDT; Invertebrate Physiology; Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -see Pesticide; ...4.0734

FIELD AND LABORATORY INVESTIGATIONS OF INSECTICIDES ...Endrin; Pesticide Application Rates; Pesticide Formulation; Residues in Foods; Triticum; ...4.0757

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Bee; Herbicides and Other Chem; Mammals -nonspecific; Pesticide Action on Plants; Pesticide Residues; Sevin; ...4.0860

SYSTEMIC INSECTICIDE RESEARCH ON MISCELLANEOUS INSECTS AND SPIDER MITES OF COTTON ...Azodrin; Fertilizers; Granules, Capsules; Pesticide Action on Plants; Pesticide Formulation; ...4.0864

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN LIVESTOCK AND POULTRY ...Bee; Ddvp; Gallus Domesticus; Liquids Or Sprays; Pesticides -other; Ronnel; ...4.0869

PESTICIDE AND POLLUTANT TOXICITY AND INTERACTIONS IN BEES ...Air Pollution -see Specifics; Insects - Beneficial; Population Dynamics -general; ...4.0877

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

CHRONIC TOXICITY OF INSECTICIDES TO COLD-WATER FISH ...Contamination - Water; Fish; Insecticides -nonspecific; Pesticide Action on Animals; Temperature (water); ...4.0919

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Chemical Degradation; Insecticides -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Residues; Sevin; ...4.0922

NORTHWEST TREE FRUIT INSECTS ...Acaricides -nonspecific; Arachnida; DDT; Insect Resistance; Invertebrate Physiology; Pesticide Action on Animals; Pesticide Residues; Radiation Sources -general; ...4.0993

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPECIES IN COTTON AND OTHER HOST PLANTS ...Aliphatic Carbamates; DDT; Insect Resistance; Methyl Parathion; Pesticides -other; Sevin; ...4.1037

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Bacillus Thuringiensis; Brassica Species; Chemical Analysis; Gas Chromatography; Pesticide Evaluation; Pesticide Residues; Soil Contamination -other; Thimet; ...4.1132

Genetic Resistance

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Chemical Analysis; Gallus Domesticus; Laboratory Animals; Mammals -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0548

BIOLOGICAL METHODS OF CONTROL FOR INTERNAL PARASITES OF LIVESTOCK ...Animal Pharmacology; Chemical Analysis; Immunology; Loxon; Nematoda; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0555

EXPERIMENTAL ENVIRONMENTS ...Animal Habitat Studies; Estuaries; Marine Animals; Pesticide Toxicity in Animals; Protozoa; ...4.0590

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES, FY 1971 (ABBREV.) ...Bioassay; Cyprinidae; Ictaluridae; Salmonidae; ...4.0712

DEVELOPMENT OF A STRAIN OF FISH RESISTANT TO AN ORGANOPHOSPHATE PROJECT - INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Bioassays; Minnows; Organophosphorous Cpds.; Pesticide Action on Animals; Poeciliid; ...4.0731

MECHANISMS OF ADAPTATION OF ORGANISMS TO PESTICIDES ...Animal; Ddvp; Pesticide Action on Animals; Sevin; ...4.0799

THE EFFECT OF DDT ON EGG, FRY AND FINGERLING VIABILITY IN BROOK TROUT STRAINS ...Captive Rearing; Chemical Analysis; DDT; Pesticide Action on Animals; Spawning -see Fish & Shellfish; ...4.0832

THE EFFECT OF DDT ON EGG, FRY AND FINGERLING VIABILITY IN LAKE, RAINBOW, AND BROWN TROUT AND COHO SALMON STRAINS ...Captive Rearing; Chemical Analysis; DDT; Pesticide Action on Animals; Salmo Trutta; Spawning -see Fish & Shellfish; ...4.0833

RESEARCH ON ARTHROPOD-BORNE DISEASES - II ...Insecticides -nonspecific; Meetings; Pesticide Toxicity in Humans; Physiological Resistance; Sanitation; Toxicology; ...4.0848

INSECTICIDES AND REPRODUCTION OF COTURNIX QUAIL ...Chemical Mutagenesis; DDT; Laboratory Animals; Malathion; Pesticide Tolerance Rate; Quail; ...4.0912

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bioassay; Carbon; Developmental Physiology; Hydrogen; Organophosphorous Cpds.; Pesticide Action on Plants; Pyrethrum; ...4.0979

Physiological Resistance

INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Bioassays; Ddvp; Minnows; Pesticide Action on Animals; Pesticide Formulation; Poeciliid; ...4.0732

MECHANISMS OF ADAPTATION OF ORGANISMS TO PESTICIDES ...Animal; Ddvp; Genetic Resistance; Pesticide Action on Animals; Sevin; ...4.0799

STUDY OF THE PRODUCTION AND DISTRIBUTION OF THE CHOLINESTERASE ENZYME IN ORGANOPHOSPHOROUS POISONING ...Disulfoton; Handling & Application; Muridae; Pesticide Action on Animals; Toxicology; ...4.0810

TOLERANCE TO CHOLINESTERASE INHIBITORS - EFFECTS OF ANTIDOTES ON TOLERANCE AND RECOVERY ...Disulfoton; Muridae; Organophosphorous Cpds.; Pesticide Safety Measures; Toxicology; ...4.0817

RELATIONSHIPS OF PESTICIDE APPLICATION TO PESTICIDE RESIDUES IN WILDLIFE ...Behavior -vertebrate; DDE; Experimental Teratology; Pesticide Action on Animals; Pheasant; Tissue Accumulation Rates; ...4.0827

RESEARCH ON ARTHROPOD-BORNE DISEASES - II ...Genetic Resistance; Insecticides -nonspecific; Meetings; Pesticide Toxicity in Humans; Sanitation; Toxicology; ...4.0948

ACTION MECHANISMS OF INSECTICIDAL DERIVATIVES ...Animal; Carbamates -nonspecific; DDT; Fungi -nonspecific; Muridae; Pesticide Action on Animals; ...4.0915

Plant Resistance

BREEDING TREES RESISTANT TO AIR POLLUTANTS ...Air Pollution -see Specific; Ornamentals; Pinus Sylvestris; Plant Response to Environ. -ns; Pollutant Resistance; Soil Environment - other; Sulfur Dioxide; ...1.0417

GROWTH SUPPRESSION AND REDUCTION IN REGROWTH POTENTIAL OF AQUATIC WEEDS ...Acrolein; Najadaceae; Pesticide Application Rates; Plant Pollutants; Potamogetonaceae; Submerged Plants; ...2.0071

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Low Temp. - But Above 32f; Pesticide Action on Plants; Pesticide Residues; Soil Microbiology; Translocation; ...4.0032

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts; Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Solanum; Tba; Vcs-438; ...4.0069

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Persistance in Soils; Soil Aeration; Soil Moisture; Temperature - Air; ...4.0091

CHEMISTRY OF PESTICIDES IN SOILS ...Arsenic; Chemical Analysis; Cucumis Sativus; DDT; Pesticide Residue Analysis; Zea Mays - Field Corn; ...4.0119

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

PERSISTENCE OF HERBICIDES IN SOILS ...Alanap; Gossypium; Pesticide Persistance in Soils; Pesticides Compatibility; Plant Absorption -other; Root Absorption; Soil pH; Translocation; ...4.0137

PLANT RESPONSE TO ORGANIC CHEMICALS IN THE ROOT ENVIRONMENT ...Absorption (incl. Adsorption); Amibes; Cellular Catabolism-see Degrad; Dicamba; Mutagenesis -nonspecific; Pesticide Degradation -see Deg; ...4.0154

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Siduron, Terbutol; Vcs-438; ...4.0172

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env, Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. -(1 Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Pyrus Communis; Soil Fertility; Torbacil; Vigna; ...4.0218

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Urea Cpds. -nonspecific; ...4.0240

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Mema; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae, Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming - vegetables, ...4.0268

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdea; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific, Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type, Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming - vegetables; ...4.0272

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Raphanus; Solanum; Trifluralin; ...4.0284

INSECT PESTS OF CUCURBIT CROPS ...Dieldrin; Granules, Capsules; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Temperature - Air; ...4.0307

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops - general; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

FIELD EVALUATION OF HERBICIDES ...Herbicides -nonspecific; Kansas; Pesticide Application Rates; Pesticide Evaluation; Pesticide Persistance in Soils; Sorghum; Triticum; ...4.0324

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Bioassay; Liquids Or Sprays; Nicotiana; Pesticide Action on Plants; Pesticide Evaluation; Simazine; Zea Mays - Field Corn; ...4.0327

WEED CONTROL IN SOYBEANS ...Atrazine; Glycine; Pesticide Evaluation; Tenoran; ...4.0366

THE USE OF HERBICIDES FOR WEED CONTROL IN COTTON ...Bioassay; Economics of Chemical Control; Herbicides -nonspecific; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Tillage; ...4.0373

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Gossypium; Herban; Liquids Or Sprays; Pesticide Evaluation; Planavin; Prometryne; Trifluralin; ...4.0379

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; D, 2,4-; Diuron; Pesticide Application Rates; Pesticide Formulation; Pesticide Safety Measures; Simazine; Terbacil; Vitaceae; ...4.0415

HERBICIDES FOR VEGETABLES ...Allium; Cucumis Sativus; Fungal Resistance; Pesticide Evaluation; Soil Environment -other; Tok; Virus Resistance; ...4.0420

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Soil Moisture; Temperature - Air; Translocation; ...4.0436

PHYSIOLOGICAL AND MORPHOLOGICAL RESPONSE OF PLANTS TO HERBICIDES ...Compositae; IAA; Pesticide Interaction -gen.; Plant Absorption -other; Poa Pratensis; Trifolium; ...4.0439

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Secale; Solanum; Vicia; ...4.0469

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Ametryn; Cyperaceae; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Formulation; Saccharum; Terbacil; ...4.0470

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Glycine; Nitrogen Metabolism; Pennisetum; Pesticide Phytotoxicity; Plant Absorption -other; Propachlor; Zea Mays - Field Corn; ...4.0482

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Cucurbita; Dicamba; Herbicides and Other Chem; Medicago; Pesticide Application Rates; Pyrazon; ...4.0495

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Simazine; Soil Organic Content; Terbacil; ...4.0504

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Ethrel; Leaf Analysis; Pyrus -general; Pyrus Malus; Respiration; Translocation; ...4.0505

RESPONSE OF PLANTS TO HERBICIDES ...Amino Triazole; D, 2,4-; Foliar Absorption; Pesticide Interaction -gen.; Pesticide Residues; Plant Absorption -other; Temperature - Air; ...4.0507

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Aquifoliaceae; Conifers; Granules, Capsules; Ornamentals; Pesticide Application Rates; Pinus (other Specifics); Senecio; Soil Types -also See Specifics Washington; ...4.0510

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Aquifoliaceae; Ericaceae; Juniperus; Pesticide Action on Plants; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; Simazine; Terbacil; ...4.0761

EXCRETION OF CHEMOTHERAPEUTIC AGENTS ...Animal Pharmacology; Bacteria -nonspecific; Bos; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; Sulfamethazine; ...4.0802

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

MISCELLANEOUS CHEMICAL INVESTIGATIONS ...Chemical Analysis; Cirsium; Electrochemistry; Insecticides -nonspecific; Pesticide Evaluation; ...4.1067

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Insecticides -nonspecific; Pesticide Absorption Rates; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Pesticide Toxicity -general; Plant; ...4.1079

Physiological Resistance

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes, Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; Setaria; ...4.0364

AN INVESTIGATION OF THE EFFECTS OF DDT AND OTHER CHLORINATED HYDROCARBONS ON THE GROWTH OF EURYHALINE MICROALGAE ...Algae -nonspecific; Chlorinated Hydrocarbons; Metabolism of Algicides; Pesticide Formulation; Physiological Effects; ...4.0337

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF SELECTIVITY OF HERBICIDES ...Absorption (incl. Adsorption); Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Movement in Soils; Translocation; ...4.0345

STUDY OF HERBICIDES SELECTIVITY USING INTRA-SPECIES PLANT INDICATORS ...Absorption (incl. Adsorption); Carbon; Mineral Nutrition; Pesticide Phytotoxicity; Photosynthesis; Respiration; Tok; ...4.0614

SELECTIVITY AND MODE OF ACTION OF HERBICIDAL CHEMICALS ...Atrazine; D, 2,4-; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Absorption -other; ...4.0834

Pesticide Safety Measures

ENVIRONMENTAL POLLUTION TOXICOLOGY OF AIR FORCE MATERIALS ...Air Pollution; Contamination -see Air & Water; Degradation; Environment; Propellants; ...1.0411

WOOD WASTE REUSE IN CONTROLLED RELEASE PESTICIDES ...Formulations -nonspecific; Pesticide Evaluation; Pesticides -nonspecific; Plant Waste Removal, Treatment; ...3.0483

NAVY ENVIRONMENT - BIOLOGICAL DEGRADATION OF PESTICIDES IN THE MARINE ENVIRONMENT ...Biodegradation; Environment; Herbicides -nonspecific; Marine Pollution; Pesticides -other; ...4.0015

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Cynodon; Fumigants - nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Solanum; Vitaceae; ...4.0191

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus; Cucumis Sativus; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Phaseolus; Planavin; Tok; Vegetables; ...4.0292

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Air Pollution; Bioassay; D, 2,4-; Monitoring Systems; Preventative Measures; ...4.0311

FACTORS INFLUENCING PLANT RESPONSES TO HERBICIDES ...Adjuvants; Biological Control; Herbicides -nonspecific; Liquids Or Sprays; Pesticide Action on Plants; Plant Absorption - other; ...4.0341

SURVEY OF NEW COMPOUNDS AND MIXTURES FOR BIOLOGICAL ACTIVITY ...Acer Species; Concentrates; Liquids Or Sprays; Pesticide Evaluation; Pyrethrum; Sbp 1382; ...4.0397

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; D, 2,4-; Diuron; Pesticide Application Rates; Pesticide Formulation; Simazine; Terbacil; Vitaceae; ...4.0415

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Oleaceae; Planting Methods; Simazine; Trifluralin; ...4.0418

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida; Formetanate; Guthion; Imidan; Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

DEVELOPMENT OF AERIAL & GROUND TREATMENTS FOR CHEMICAL CONTROL OF BRUSH SPECIES IN FOREST LANDS ...Air Pollution -see Specifics; D, 2,4-; Forest Litter, Duff & Humus; Pesticide Evaluation; Picloram; ...4.0458

CONTROL OF WEEDS ...Ametryn; Diuron; Pesticide Formulation; Pesticide Phytotoxicity; Pesticides -other; Puerto Rico; Saccharum; ...4.0471

EFFECTS OF HERBICIDES ON TREE FRUITS AND SMALL FRUITS ...Amino Triazole; Fragaria; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0512

BIOTELEMETRY AS A TOOL FOR PESTICIDE INVESTIGATIONS ...Animal Distribution; California; Mark, Tag Or Capture; Pheasant; ...4.0567

SAFE HANDLING AND DISPOSAL OF MILITARY PESTICIDES ...Handling & Application; Insecticides -nonspecific; ...4.0587

CONTROL METHODS FOR RATS DAMAGING SUGARCANE ...Antimammal Cpds. -nonspecific; Baits, Lures; Control of Nuisance Species; Muridae; Pesticide Evaluation; ...4.0604

ECOLOGY OF ANIMALS IN DDT-CONTAMINATED ENVIRONMENTS ...Contamination -see Air & Water; DDT; Degradation; Population Dynamics -general; Wildlife -nonspecific; Wildlife Toxicity; ...4.0632

METABOLISM OF PESTICIDES BY BEEF CATTLE ...Aldrin; DDT; Feces; Pesticide Action on Animals; TDE; Urea Cpds. - nonspecific; Vertebrate Anatomy; ...4.0645

TOLERANCE TO CHOLINESTERASE INHIBITORS - EFFECTS OF ANTIDOTES ON TOLERANCE AND RECOVERY ...Disulfoton; Muridae; Organophosphorous Cpds.; Physiological Resistance; Toxicology; ...4.0817

BIOLOGICAL ACTIVITY OF INSECTICIDAL DERIVATIVES ...Insecticides -nonspecific; Pesticide Residues; ...4.0927

WARNING AGENTS FOR TOXIC FUMIGANTS ...Foreign Agriculture; Israel; Pesticide in Food Chains; Pesticide Residues in Feeds; Pesticide Toxicity in Humans; Preventative Measures; ...4.0948

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0978

CONTROL OF URBAN AND INDUSTRIAL PESTS ...Animal Distribution; Ddvp; Pesticide Evaluation; Urban Environment; ...4.0971

SEVIN PARATHION ANALYSIS ...Chemical Analysis; Methyl Parathion; Pesticide Application Rates; Pesticide Residues; Pesticide Residues in Feeds; Sevin; ...4.1073

DEVELOPMENT OF APPLE SPRAY PROGRAMS IN RELATION TO SPRAY RESIDUE RESTRICTIONS ...Degradation; Furadan; Guthion; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrus Malus; ...4.1083

Handling & Application

PRECISE PLACEMENT AND DRIFT CONTROL OF INSECTICIDE AND PESTICIDES WHEN ULTRA-LOW VOLUMES ...Insecticides -nonspecific; Low Volume; Pesticide Drift; Temperature - Air; ...4.0047

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnids; Formetanate; Guthion; Imidan; Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

SAFE HANDLING AND DISPOSAL OF MILITARY PESTICIDES ...Insecticides -nonspecific; Pesticide Safety Measures; ...4.0587

STUDY OF THE PRODUCTION AND DISTRIBUTION OF THE CHOLINESTERASE ENZYME IN ORGANOPHOSPHOROUS POISONING ...Disulfoton; Muridae; Pesticide Action on Animals; Toxicology; ...4.0810

PESTICIDE INDUCED MODIFICATION OF BEHAVIORAL AND BIOELECTRIC RESPONSES TO EXTERNAL STIMULI ...Behavior -vertebrate; Farm Safety -see Safety; Laboratory Animals; Pesticide Action on Animals; Psychology; ...4.0815

Preventative Measures

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT; Northeast U. S.; Pesticide Residues; Sediments; Water Pollutant Identification; Water Quality Control -general; Water Wells; ...4.0037

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Tissue Accumulation Rates; Water Pollution Effects; ...4.0939

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0109

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pirimicarb; Sevin; Thiodan; ...4.0219

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Daiapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vca-438; ...4.0277

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Air Pollution; Bioassay; D, 2,4-; Monitoring Systems; ...4.0311

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Pyrazon; Solanum; Vernolate; ...4.0516

ARIZONA COMMUNITY STUDIES PESTICIDE PROJECT ...Consumer Attitudes- Pesticides; DDT; Literature Search; Pesticide Action on Animals; Pesticide Toxicity in Humans; ...4.0536

BIOTELEMETRY AS A TOOL FOR PESTICIDE INVESTIGATIONS ...Animal Distribution; California; Mark, Tag Or Capture; Pesticide Safety Measures; Pheasant; ...4.0567

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Forturf; Fusarium; Morvon; Ornamentals; Pesticide Application Rates; Phaltan; ...4.0586

ANALYSIS OF BIO-ACTIVE CHEMICALS FOR POSSIBLE HAZARDOUS PROPERTIES ...Air Pollution -see Specifics; Chemical Analysis; Insecticides -nonspecific; Pesticide Toxicity in Humans; ...4.0672

THE METABOLIC FATE OF AN ORGANIC PHOSPHATE INSECTICIDE (GS-13005) WHEN FED TO DAIRY CATTLE ...Animal; Domestic Animals; Microorganism-see Cell. Catab.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0884

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

WARNING AGENTS FOR TOXIC FUMIGANTS ...Foreign Agriculture; Israel; Pesticide in Food Chains; Pesticide Residues in Feeds; Pesticide Toxicity in Humans; ...4.0948

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnids; Biological Control; Chlorphenamidine; Gardona; Insects - Beneficial; Liquids Or Sprays; Oxthinquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

SYSTEMS APPROACH TO CONTROLLING PESTICIDE CONTAMINATION OF SAN JOAQUIN VALLEY ...Degradation; Environment Accumulation Rates; Models of Biological Systems; Pesticide in Food Chains; Pesticide Toxicity -general; Pesticides - nonspecific; ...4.1000

REDUCTION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Monitoring Systems; Pesticide Legal Aspects; Pesticide Residues in Feeds; Pesticide Residues Removal; Residues in Foods; ...4.1017

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Aliphatic Carbamates; Chemical Analysis; Disulfoton; Moisture Deficiency; Pesticide in Food Chains; Pesticide Residues; Rubus; ...4.1099

Pesticide Tolerance Rate

EFFECTS OF WATER POLLUTION ON ZOOPLANKTON ...Cladocera; Copepoda; Insecticides -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Water Pollution Sources; ...2.1717

HERBICIDE RESIDUES ...Acrolein; Contamination - Soil; D, 2,4-; Fixed Copper; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Xylene; ...4.0018

EXTENDING THE MARKET LIFE OF CALIFORNIA CITRUS FRUITS IN FOREIGN MARKETS ...Diphenyl; Economic Losses (or Benefits); Foreign Agriculture; International Economics; Residues in Foods; Retail; ...4.0238

DEVELOPMENT OF SYSTEMIC PESTICIDES WITH LOW PHYTO- AND MAMMALIAN-TOXICITY PROPERTIES ...Bioassay; Cis; Foliar Absorption; Pesticide Absorption Rates; Pesticide Phytotoxicity; Plant Absorption -other; Root Absorption; ...4.0303

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Aquatic Ecology n Animal; Estuaries; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticides -nonspecific; Physiological Effects; ...4.0542

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Contamination - Water; Estuaries; Laboratory Animals; Pesticide Interaction With Env; Pesticides -nonspecific; Physiological Effects; Water Quality -general; ...4.0544

TOXICOLOGY OF SELECTED PESTICIDES IN SELECTED WILDLIFE SPECIES ...Behavior -vertebrate; Mallard; Odocoileus; Pathology; Pesticide Phytotoxicity; Pesticides -nonspecific; Quail; ...4.0581

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Domestic Animals; Experimental Teratology; Feces; Gallus Domesticus; Insecticides -nonspecific; Pesticide in Food Chains; ...4.0608

MULTICRITERIAL EVALUATION OF ENVIRONMENTAL PESTICIDES ...Behavior -vertebrate; Chemical Analysis; Dieldrin; Domestic Animals; Livestock -nonspecific; Pesticide Legal Aspects; Pesticide Toxicity in Humans; ...4.0619

CARCINOGENESIS BIOASSAY OF PESTICIDES AND OTHER ENVIRONMENTAL AGENTS ...Animal Resistance; Bioassays; Chemical Carcinogenesis; Food Contamination; Muridae; Pesticide Action on Animals; Pesticides -nonspecific; Tumor Pathology; ...4.0624

STATIC BIOASSAY OF PESTICIDES USING FRESHWATER INVERTEBRATES TO OBTAIN PRELIMINARY ACUTE TOXICITY ESTIMATES (ABBREV.) ...Bioassay; Invertebrates -nonspecific; Laboratory Animals; Pesticides -nonspecific; Temperature (water); ...4.0736

CONTINUOUS-FLOW BIOASSAY OF PESTICIDES TO EVALUATE THE ACUTE AND CHRONIC EFFECTS OF PESTICIDES TO FRESHWATER INVERTEBRATES (ABBREV.) ...Invertebrate Physiology; Laboratory Animals; Pesticides -nonspecific; Physiological Effects; ...4.0737

PESTICIDE-WILDLIFE RELATIONSHIPS - REPRODUCTION, GROWTH, AND PHYSIOLOGY OF DEER FED DIELDRIN CONTAMINATED DIETS ...Deer -nonspecific; Dieldrin -see Pesticides; Laboratory Animals; Pesticide Formulation; Tissue Accumulation Rates; ...4.0744

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amben; Bromacil; Fenac; Gas Chromatography, Hercules 14503; Mercury; Monitoring Systems; Residues in Foods; ...4.0770

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Dursban; Heptachlor; Mellingris; Paraquat; Pesticide Residues Removal; Rotenel; Sus; ...4.0868

TOXICOLOGICAL EFFECTS OF VARIOUS PESTICIDES AND OTHER AGRICULTURAL CHEMICALS ON LIVESTOCK AND POULTRY ...Acaricides -nonspecific; Deet; Fungicides - nonspecific; Herbicides -nonspecific; Nematocides -nonspecific; Pesticide Residue Analysis; Sus; ...4.0871

EFFECTS OF DIETARY PROTEIN ON THE METABOLISM OF HEPTACHLOR IN THE RAT ...Digestive System - Human; Heptachlor Epoxide; Muridae; Toxicology; ...4.0886

INSECTICIDES AND REPRODUCTION OF COTURNIX QUAIL ...Chemical Mutagenesis; DDT; Genetic Resistance; Laboratory Animals; Malathion; Quail; ...4.0912

CHRONIC TOXICITY OF PESTICIDES TO COLD-WATER FISH ...Animal Pharmacology; Fish; Nutrition; Pesticide Residues; Pesticides -see Pesticide; Shock -animal; ...4.0920

PESTICIDE RESIDUES AND METABOLITES ...Arachis; Gas Chromatography; Pesticide in Food Chains; Pesticide Residue Analysis; Sevin; ...4.0942

Pesticide Toxicity -general

THE BIOASSAY OF WATER POLLUTANTS WITH CULTURED MAMMALIAN CELLS ...Bioassay; Detergents -see Surfactants; Pesticide Formulation; Pesticides -nonspecific; Water Pollutant Identification; ...2.0769

TESTING METHODS FOR EVALUATION OF BOTH EFFECTIVENESS AND TOXICITY TO AQUATIC LIFE OF VARIOUS TREATING MATERIALS ...Adsorption; Chemical Treatment (water); Degradation -see Pesticide Deg; Oil Removal; Physiological Effects; Surfactants -see Detergents; ...2.0845

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds; Chemical Analysis; Ecological Effects; Environmental Ecology; Fish; Lakes; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Degradation; Pesticide Degradation - see Deg; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -nonspecific; ...4.0269

PESTICIDE RESIDUE METABOLITES ...Caricaceae; Herbicides and Other Chem; Microorganisms -nonspecific; Organophosphorous Cpds.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0299

LITERATURE SEARCH FOR BIOLOGICALLY ACTIVE COMPOUNDS ...Abstracts; Animal Pharmacology; Literature Search; Pesticides -nonspecific; ...4.0579

EXPANDING REPORT ON EFFECTS OF PESTICIDES ...Chemical Carcinogenesis; Experimental Teratology; Microorganisms - nonspecific; Pesticide Toxicity in Humans; Pesticides -nonspecific; Toxicology; ...4.0646

THE TERATOGENIC EVALUATION OF THE HERBICIDE 2,4,5-T AND DIOXIN ...Environmental Effects - Human; Herbicides - nonspecific; Pesticide Action on Animals; Pesticides -other; T, 2,4,5-; ...4.0785

ENVIRONMENTAL MUTAGEN INFORMATION CENTER (EMIC) ...Air Pollution -see Specifics; General Information Services; Information Science; Mercury; Mutagenesis -nonspecific; Pesticides -nonspecific; ...4.0855

BIOLOGICAL HAZARDS OF PHOTOTRANSFORMED PESTICIDES ...Pesticide Interaction With Env; Pesticides -nonspecific; Photolysis; ...4.0930

ORGANOMERCURIAL POISONING ...Mercury; Metal Organics - nonspecific; Toxicology; ...4.0933

PESTICIDE STRESS EFFECTS ON EXPERIMENTAL ECOSYSTEMS ...Arthropods; Contamination -see Air & Water; Mammals -nonspecific; Pesticide in Food Chains; Pesticides -nonspecific; Petroleum Industry; Pollution Effects -see Water; ...4.0975

CENTER FOR ENVIRONMENTAL MANAGEMENT ...Administration and Management; Building Design; Contamination -see Air & Water; Environmental Effects - Human; Environmental Hazards; Management (water); Planning; ...4.0980

SYSTEMS APPROACH TO CONTROLLING PESTICIDE CONTAMINATION OF SAN JOAQUIN VALLEY ...Degradation; Environment Accumulation Rates; Models of Biological Systems; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; ...4.1000

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Insecticides -nonspecific; Pesticide Absorption Rates; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Plant; Plant Resistance; ...4.1079

Pesticide Toxicity in Animals

AIR POLLUTION TRAINING PROGRAM ...Air Pollution -see Specifics; Climates -general; Motivation and Instinct; Pesticide Action on Animals; Pesticides -nonspecific; Wildlife -nonspecific; ...1.0295

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pollution Effects -see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE; Dieldrin; Fish; Heptachlor Epoxide; Lindane; TDE; Water Quality -general; ...2.0797

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

EFFECTS OF WATER POLLUTION ON ZOOPLANKTON ...Cladocera; Copepoda; Insecticides -nonspecific; Pesticide Action on Animals; Water Pollution Sources; ...2.1717

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Agritox; Baygon; Chlordan; Dieldrin; Pesticide Application Rates; Pesticide Formulation; Pesticide Residues; Plant Phenology; ...4.0150

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Degradation; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticide Toxicity -general; Pesticides -nonspecific; ...4.0268

FUNGICIDAL & FUNGISTATIC PROPERTIES OF ANTI-OXIDANTS AND RELATED COMPOUNDS ...Antioxidants -nonspecific; Botrytis; Dusts; Ornamentals; Pesticide Evaluation; Pesticides -other; Zea Mays - Field Corn; ...4.0310

EFFECT OF MOSQUITO CONTROL CHEMICALS ON AQUATIC FAUNA ...Abate; Biological Effects; Irrigation; Oryzeae; Pesticide Evaluation; Pesticides -see Pesticide; ...4.0539

INTEGRATED BIOLOGICAL-SYSTEMIC INSECTICIDE CONTROL OF COTTON ...Biological Control; Insecticides -nonspecific; ...4.0565

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - STUDIES ON THE BIOLOGY AND STERILIZATION OF THE COFFEE LEAF MINER ...Animal Resistance; Biological Control; Foreign Agriculture; Guatemala; Physical Control; Rubiaceae; X and Gamma Rays; ...4.0583

EXPERIMENTAL ENVIRONMENTS ...Animal Habitat Studies; Estuaries; Marine Animals; Protozoa; ...4.0590

EFFECTS OF PESTICIDES ON MARINE ANIMALS ...Developmental Physiology; Echinodermata; Hippolyte; Invertebrate Physiology; Marine Pollution; ...4.0593

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Mollusca; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

THE D AND THE L ISOMERS OF O,P'-DDT ...DDT; DDT -see Pesticides; Mammals -nonspecific; Pesticide Action on Animals; Toxicology; ...4.0600

BIOCHEMICAL AND PHYSIOLOGIC RESPONSE TO TOXIC STRESS ...Cellular Metabolism - Controls; Environmental Effects - Human; Insecticides -nonspecific; Muridae; Pesticide Action on Animals; Toxic Substances; ...4.0657

BIOENVIRONMENTAL CONTROL OF COTTON BOLLWORMS ...Biological Control; Fish; Gossypium; Insects - Beneficial; Pesticide Residues; Pesticide Toxicity in Humans; Physical Control; ...4.0694

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES ...Animal Resistance; Centrarchidae; Fish; Ictaluridae; Percidae; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0710

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Aldrin; Animal Resistance; Cladocera; DDT; Invertebrate Physiology; Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -see Pesticide; ...4.0734

TOXICITY OF POLYCHLOROBIPHENYL (PCB) COMPOUNDS TO FRESHWATER INVERTEBRATES ...Bioassay; Circulation (water); Invertebrates -nonspecific; Temperature (water); ...4.0735

CONTINUOUS-FLOW BIOASSAY OF PESTICIDES TO EVALUATE THE ACUTE AND CHRONIC EFFECTS OF PESTICIDES TO FRESHWATER INVERTEBRATES (ABBREV.) ...Invertebrate Physiology; Laboratory Animals; Pesticide Tolerance Rate; Pesticides -nonspecific; Physiological Effects; ...4.0737

RESPIRATION RATES OF FISH-FOOD INVERTEBRATES EXPOSED TO PESTICIDES ...Carbamates -nonspecific; Contamination - Water; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticides -see Pesticide; ...4.0738

A STUDY OF THE DEGRADATION RATE OF ALDRIN ...Aldrin; Animal; Annelida; Dieldrin; Metabolites From Pesticides; Pesticide in Food Chains; Soil Microbiology; ...4.0745

MECHANISMS OF INSECTICIDAL ACTION ...Animal Pharmacology; Chlorinated Hydrocarbons; Mammals -nonspecific; Pesticide Action on Animals; ...4.0772

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Cladosporium; Herbicide -nonspecific; Mucor; Penicillium; Pesticide Toxicity to Microorg; Tobacco -cigarettes; Toxic Substances; ...4.0800

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Estuaries; Marine Animals; Pesticide Action on Animals; Physical Models; Pollution Effects - see Water; Sevin; ...4.0825

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

EFFECTS OF PESTICIDES ON INSECTS, MITES, AND PREDACEOUS ARTHROPODS IN APPLE ORCHARDS ...Arachnida; Foreign Agriculture; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; Temperature - Air; ...4.0838

MECHANISMS OF INSECTICIDE DEGRADATION ...Animal; Cellular Catabolism-see Degrad; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0916

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Degradation; Insecticides - nonspecific; Pesticide Degradation -see Deg; Pesticide Residues; Pesticides -nonspecific; Texas; ...4.0988

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Labiatae; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

METABOLISM AND TOXICITY OF ORGANOPHOSPHORUS INSECTICIDES ...Animal; Insecticides -nonspecific; Muridae; Pesticide Action on Animals; Pesticides -other; ...4.1025

METHODS OF ANALYSIS FOR PESTICIDES ...Aroclor; Chemical Analysis; Metabolites From Pesticides; Wildlife Toxicity; ...4.1040

PREPARATION OF CHLORINE-36 LABELED ORGANOCHLORINE PESTICIDES AND RELATED COMPOUNDS (PCB'S) ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Radioisotopes; ...4.1057

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Clodrin; DDT; Ericaceae; Gardona; Metabolites From Pesticides; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant Growth Regulators -ns.; ...4.1076

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Liquids Or Sprays; Maloran; Pesticide Application Rates; Pesticide Residues; Phleum; Silvex; Terbacil Zea Mays - Field Corn; ...4.1093

CYCLING AND EFFECTS OF CL36 LABELED DDT ON SOIL INVERTEBRATES IN AN OLD FIELD COMMUNITY ...Chemical Analysis; DDT; Invertebrates -nonspecific; Pesticide in Food Chains; Soil Environment -other; ...4.1085

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Heptachlor; Liquids Or Sprays; Pesticide Residue Analysis; Pesticide Residues in Feeds; TDE; ...4.1114

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

PREVENTING INSECT DAMAGE TO TOBACCO AND TOBACCO PRODUCTS IN MARKETING CHANNELS ...Bacilli -nonspecific; Nicotiana; Pesticide Evaluation; Physical Control; Temperature - Air; ...4.1127

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Carbamates -nonspecific; Chlorinated Hydrocarbons; Herbicides and Other Chem; Organophosphorous Cpds.; Pesticide Persistance in Soils; ...4.1133

Domestic Animals

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Furadan; Insecta - Beneficial; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Endrin; Methoxychlor; Pesticide Residues Removal; Sus; ...4.0423

CHLORINATED HYDROCARBON IN THE LACTATING BOVINE AND EFFECT ON LIPID METABOLISM ...Bos; DDT; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0537

DEPRESSION OF BLOOD CHOLINESTERASE ACTIVITY BY ORGANOPHOSPHATE COMPOUNDS ...Equidae; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0588

RESPONSES OF DAIRY CATTLE FED FEEDSTUFFS CONTAINING RESIDUES OF CERTAIN AGRICULTURAL CHEMICALS ...Baytex; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0681

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Baytex; Dursban; Imidan; Mca-600; Pesticide Evaluation; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.0602

METABOLISM AND DEPOSITION OF INSECTICIDES IN FOWL ...Carbamates -nonspecific; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Action on Animals; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0606

METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Experimental Teratology; Feces; Gallus Domesticus; Insecticides -nonspecific; Pesticide in Food Chains; Pesticide Tolerance Rate; ...4.0608

MULTICRITERIAL EVALUATION OF ENVIRONMENTAL PESTICIDES ...Behavior -vertebrate; Chemical Analysis; Dieldrin; Livestock -nonspecific; Pesticide Legal Aspects; Pesticide Tolerance Rate; Pesticide Toxicity in Humans; ...4.0619

EFFECTS OF DDT AND ANALOGUES ON REPRODUCTION IN DOMESTIC MAMMALS AND BIRDS ...Birds; DDT; Gallus Domesticus; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; TDE; ...4.0636

TISSUE RESIDUE ACCUMULATION AND PHYSIOLOGICAL AND REPRODUCTIVE RESPONSE OF LINDANE-TREATED SWINE ...Chemical Analysis; Lindane; Pesticide Residues; Sus; Tissue Accumulation Rates; ...4.0637

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

EFFECT OF INSECTICIDES IN FEED ON GROWTH, BODY STORES, AND REPRODUCTION OF SHEEP ...Home Economics; Methoxychlor; Ovis; Pesticide Action on Animals; Pesticide Residues; ...4.0641

PESTICIDE RESIDUAL ACCUMULATION AND ELIMINATION BY SWINE ...Chemical Analysis; DDT; Lindane; Malathion; Pesticide Application Rates; Sus; ...4.0643

EFFECT OF RUELENE (REG. TRADEMARK) ON EMBRYONIC DEVELOPMENT ...Bos; Chemical Analysis; Developmental Physiology; Experimental Teratology; Pesticide Residues; Ruelene; ...4.0644

METABOLISM OF PESTICIDES BY BEEF CATTLE ...Aldrin; DDT; Feces; Pesticide Action on Animals; Pesticide Safety Measures; TDE; Urea Cpds. -nonspecific; Vertebrate Anatomy; ...4.0645

METABOLISM OF PESTICIDES IN CATTLE ...Animal Pests; Bos; Pesticide Residue Analysis; Pesticide Residues in Feeds; Tissue Accumulation Rates; Urine; ...4.0649

FUR ANIMAL STUDIES (MINK) ...Chemical Analysis; DDT; Muridae; Mustelidae; Pesticide Formulation; Pesticide Residues Removal; TDE ...4.0664

FACTORS AFFECTING INSECTICIDE RESIDUES IN MILK ...Bos; Metabolites From Pesticides; Pesticide Residues in Feeds; Residues in Foods; ...4.0671

BIONOMICS AND CONTROL OF INSECT PESTS AFFECTING SMALL FRUITS ...Guthion; Insect Resistance; Low Volume; Methomyl; Pesticide Evaluation; Vitaceae; ...4.0673

PATHOLOGIC EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS USED IN THE ENVIRONMENT - THE TOXICITY OF NITRATES ...Animal Pharmacology; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Rodentia -other; Tissue Accumulation Rates; ...4.0675

A STUDY ON THE CORRELATION BETWEEN INSECT CONTROL AND BEEF PRODUCTION ...Baits, Lures; Bos; Insecticides -nonspecific; Liquids Or Sprays; Solvents Or Carriers; ...4.0693

ORGANIC PHOSPHATE SYSTEMIC INSECTICIDES AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Bos; Coumaphos; Pesticide Action on Animals; Pesticide Application Rates; Ruelene; ...4.0730

ORGANIC PHOSPHATE SYSTEMIC INSECTICIDES AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Bos; Coumaphos; Developmental Physiology; Pesticide Action on Animals; Ruelene; ...4.0731

CO-RAL, RUELINE AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Bos; Coumaphos; Developmental Physiology; Ruelene; ...4.0733

INCREASED BODY METABOLISM AND EXCRETION RATE OF PESTICIDE FROM DAIRY COWS ...Bos; DDT; Pesticide Action on Animals; Pesticide Residues; Pesticide Residues in Feeds; Residues in Foods; ...4.0762

EVALUATION OF THE ANIMAL AND HUMAN COMPLAINTS FOLLOWING THE SPRAYING OF SILVEX, 2,4,5-T AND 2,4-D IN GLOBE, ARIZONA ...Arizona; Liquids Or Sprays; Pesticide Toxicity in Humans; T, 2,4,5-; ...4.0789

INFLUENCE OF NUTRITION ON INSECTICIDE RESIDUES IN CHICKENS ...Birds; Dieldrin; Gallus Domesticus; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0798

DIELDRIN TOXICITY IN THE CHICKEN ...Dieldrin; Gallus Domesticus; Pesticide Residues in Feeds; Residues in Foods; Tissue Accumulation Rates; ...4.0803

METABOLIC FATE OF AGRICULTURAL CHEMICALS IN POULTRY ...Carbon; Chemical Analysis; Gallus Domesticus; Metabolites From Pesticides; Pesticide Action on Animals; Residues in Foods; Sevin; ...4.0804

NEW OR IMPROVED TECHNIQUES FOR SAFE CHEMICAL CONTROL OF ECTOPARASITES OF DOMESTIC ANIMALS ...Aerosols - Smokes, Fogs, Steam; Ddvp; Felidae; Impregnated Materials-products; Pesticide Evaluation; Pesticide Interaction - gen.; ...4.0823

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

BIOCHEMISTRY AND PHYSIOLOGY OF ADIPOSE TISSUE OF MEAT ANIMALS ...Aging; Chemical Analysis; Chlorine; Gamma Spectroscopy; Ovis; Petroleum Cpds. -nonspecific; Sus; ...4.0837

PARASITES OF POULTRY, BIOLOGY, DISTRIBUTION AND CONTROL ...Aerosols - Smokes, Fogs, Steam; Arachnida; Chloropropylate; Neo-pynamin; Pesticide Evaluation; ...4.0841

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ...Bos; Food Contamination; Lindane; Pesticide Residues; Residues in Foods; ...4.0849

CHEMICAL RESIDUES IN MILK ...Bos; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.0850

MINERAL INTERACTIONS WITH PESTICIDES ...Metabolites From Pesticides; Pesticide Action on Animals; Ronnel; Urine; ...4.0858

EFFECT OF CHARCOAL ON PESTICIDE RESIDUES AND ON NUTRIENT UTILIZATION IN RUMINANTS ...Bos; Chemical Analysis; Pesticide Residues in Feeds; Pesticide Residues Removal; Ronnel; Tissue Accumulation Rates; ...4.0859

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN RELATION TO INSECTS AFFECTING LIVESTOCK ...Biodegradation; Chemical Analysis; Insecticides -nonspecific; Liquids Or Sprays; Livestock -nonspecific; Pesticide Evaluation; Pesticide Residues; ...4.0863

EFFECT OF NITRATES AND OTHER NITROGENOUS COMPOUNDS ON TOXICITY OF PESTICIDES ...Animal Pharmacology; Pesticide Action on Animals; Pesticide Rates -general; Pesticides -nonspecific; Urine; ...4.0866

TOXIC EFFECTS OF AGRICULTURAL CHEMICALS ON REPRODUCTION IN ANIMALS ...Chemical Mutagenesis; Experimental Teratology; Lethal Mutation; Mammals -nonspecific; Pesticide Formulation, Pesticides -nonspecific; ...4.0867

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Dursban; Heptachlor; Mellagris; Paraquat; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN LIVESTOCK AND POULTRY ...Animal Resistance; Bos; Ddvp; Gallus Domesticus; Liquids Or Sprays; Pesticides - other; Ronnel; ...4.0869

LIVESTOCK DETOXICATING MECHANISMS OF PESTICIDES ...Birds; Clodrin; Gallus Domesticus; Ovis; Pesticide Residues Removal; Residues in Foods; ...4.0870

TOXICOLOGICAL EFFECTS OF VARIOUS PESTICIDES AND OTHER AGRICULTURAI CHEMICALS ON LIVESTOCK AND POULTRY ...Acaricides -nonspecific; Deet; Fungicides - nonspecific; Herbicides -nonspecific; Nematocides -nonspecific; Pesticide Residue Analysis; Sus; ...4.0871

BIOCHEMICAL EFFECTS OF AGRICULTURAL CHEMICALS AND CONTROL SUBSTANCE TO LIVESTOCK ...Animal Pharmacology; Bos; Herbicides -nonspecific; Insecticides -nonspecific; Poultry -nonspecific; ...4.0872

CHARACTERIZATION OF CYTOLOGICAL RESPONSES TC TOXICATIONS OF PESTICIDES IN LIVESTOCK ...Antihelminth; Birds; Developmental Physiology; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0873

TOXICOLOGIC EFFECTS OF HERBICIDE-TREATED PLANTS ON LIVESTOCK ...Atrazine; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Rates -general; Ranunculaceae; Tissue Accumulation Rates; ...4.0874

THE TOXICOLOGICAL ACTION OF ORGANOPHOSPHATES AND CARBAMATES ...Air Pollution -see Specifics; Chemical Carcinogenesis; Experimental Teratology; Laboratory Animals; Muridae; Pesticide Action on Animals; Sevin; ...4.0881

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Carbon; DDT; Muridae; Pesticide Residues; ...4.0883

THE METABOLIC FATE OF AN ORGANIC PHOSPHATE INSECTICIDE (GS-13005) WHEN FED TO DAIRY CATTLE ...Animal; Microorganism-see Cell. Catab.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0884

ORGANIC PHOSPHATE RESIDUE IN DAIRY COWS ...Animal; Muridae; Pesticide Residues; Sulfoxide; Tissue Accumulation Rates; ...4.0885

PESTICIDE RESIDUES INGESTED BY FINISHING AND REPRODUCING BEEF CATTLE ...Bos; Heptachlor; Heptachlor Epoxide; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.0889

ORGANIC MERCURY POISONING IN SWINE ...Animal Pharmacology; Mercurous Chloride; Mercury; Pesticide Action on Animals; Sus; ...4.0900

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Food Contamination; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Residues; Pesticide Residues Removal; Residues in Foods; ...4.0909

CAUSES OF ABORTIONS IN DAIRY CATTLE WITH PARTICULAR REFERENCE TO PESTICIDES AND MOLD TOXINS ...Aspergillus; Gibberella; Nutrition; Pesticides -nonspecific; ...4.0917

INFLUENCE OF PESTICIDAL CHLORINATED HYDROCARBONS ON ADAPTATION MECHANISM IN POULTRY ...Chlorinated Hydrocarbons; DDT; Foreign Agriculture; Gallus Domesticus; Yugoslavia; ...4.0921

PESTICIDE RESIDUES ON ARIZONA CROPS ...Air - Water - Plant Relations; DDT; Medicago; Pesticide Toxicity to Microorg; Radioisotopes -nonspecific; Toxaphene; ...4.0925

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

CHLORINATED INSECTICIDE RESIDUES IN ANIMAL PRODUCTS AND FEEDS ...Chemical Analysis; Chlorinated Hydrocarbons; Insecticides -nonspecific; Pesticide Rates -general; Pesticide Residues; Pesticide Residues in Feeds; Residues in Foods; ...4.0955

EVALUATION OF PESTICIDE RESIDUE PROBLEM IN MONTANA ...Chlordan; Heptachlor Epoxide; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues, Plant Absorption -other; ...4.0964

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Calification -vertebrate; DDT; Dibromoethane; Food Contamination; Malathion; Pesticide Residues; Sevin; Tissue Accumulation Rates; ...4.0989

NUTRITIONAL INTERACTION BETWEEN UREA AND APPLE POMACE RELATED TO REPRODUCTIVE FAILURE ...Bos; Developmental Physiology; Pesticide in Food Chains; Pesticide Residues in Feeds; Pesticides -nonspecific; ...4.0991

PSEUDOCHOLINETERASE ACTIVITY AS AFFECTED BY MODERN AGRICULTURAL CHEMICALS ...Bioassay; Carbamates -nonspecific; Chlorinated Hydrocarbons; Food Contamination; Pesticide in Food Chains; Sevin; ...4.1023

MALATHION RESIDUES IN POULTRY MEAT AND EGGS ...Animal; Feces; Malaoxon; Metabolites From Pesticides; Pesticide Residues Removal; Residues in Foods; ...4.1028

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Bos; DDT; Pesticide Residues; TDE; ...4.1048

METABOLISM OF CHLORINATED HYDROCARBON INSECTICIDES IN LIVESTOCK ...Animal; Gallus Domesticus, Pesticide Action on Animals; Urine; ...4.1097

GASTROINTESTINAL ABSORPTION OF AGRICULTURAL CHEMICALS IN ANIMALS ...Animal; Carbon; Mca-600; Sevin; ...4.1098

METABOLISM OF AGRICULTURAL CHEMICALS BY RUMEN MICROORGANISMS ...Bos; Insecticides -nonspecific; Microorganism-see Cell. Catab.; Protozoa; Terramycin; ...4.1099

METHODS OF ANALYSIS FOR PESTICIDES, KERRVILLE ...Bos; Ciodrin; Ddvp; Gallus Domesticus; Gardona; Pesticide Residue Analysis; Sus; ...4.1125

Insects - Beneficial

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Environmental Ecology; Lumbering -general; Ponds; Range Or Territorial Distr.; Temperature (water); ...2.1543

INVESTIGATION OF PESTICIDE DRIFT IN THE LOWER RIO GRANDE VALLEY OF TEXAS ...Biological Control; Climates - general; Pesticide Drift; Population Dynamics -general; ...4.0071

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals; Furadan; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

HONEY BEE BEHAVIOR AND UTILIZATION ...Citrus; Herbicides -nonspecific; Microorganisms -nonspecific; Streptomycin; Tetracycline; ...4.0535

INTEGRATED CONTROL OF PEACH INSECT PESTS ...Animal Distribution; Arachnida; Biological Control; Guthion; Pesticide Evaluation; Population Dynamics -general; ...4.0546

BIOLOGICAL CONTROL OF COTTON INSECTS ...Animal Life History Studies; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pest Control Measures; Viruses - Animal; ...4.0552

AERIAL DISPERSAL METHODS FOR CONCENTRATED INSECTICIDES ...Concentrates; Liquids Or Sprays; Oryzeae; Pesticide Evaluation; Wildlife Toxicity; ...4.0554

EFFECT OF PESTICIDES ON APICULTURE ...Abate; Chlorphenamidine; Dipterex; Methomyl; Temperature - Air; Toxaphene; ...4.0561

BIOLOGY AND CONTROL OF ORANGEWORMS ATTACKING CITRUS, WITH REFERENCE TO ORANGE TORTRIX ...Biological Control; DDT; Pesticide Application Rates; Pesticide Residues; TDE; ...4.0562

IDENTIFICATION, BIOLOGY AND CONTROL OF INSECTS ATTACKING SWEET CORN ...Animal Life History Studies; Biological Control; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Zea Mays - Field Corn; ...4.0585

BIOLOGICAL AND INTEGRATED CONTROL OF ARTHROPOD PESTS ...Animal Migration; Biological Control; Herbicides -nonspecific; Phaseolus; Rain; ...4.0605

BIOLOGICAL AND INTEGRATED CONTROL OF COTTON INSECTS ...Animal Habitat Studies; Biological Control; Gossypium; Pesticide Action on Animals; Population Dynamics -general; ...4.0690

ROLE OF BENEFICIAL INSECTS IN COTTON INSECT CONTROL ...Biological Control; Insecticides -nonspecific; Pest Control Measures; Pesticide Action on Animals; ...4.0691

EFFECT OF CHEMICALS ON BENEFICIAL INSECTS ...Arachnida; Biological Control; Granules, Capsules; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0692

BIOENVIRONMENTAL CONTROL OF COTTON BOLLWORMS ...Biological Control; Fish; Gossypium; Pesticide Residues; Pesticide Toxicity in Animals; Pesticide Toxicity in Humans; Physical Control; ...4.0694

EFFECTS OF INSECTICIDES ON ACTIVITY OF SOIL INHABITING INSECTS ...Insecticides -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Persistance in Soils; Soil Microbiology; ...4.0742

EFFECT OF PESTICIDES ON INSECT PARASITES AND PREDATORS ...Arachnida; Insecticides -nonspecific; Pesticide Action on Animals; Pesticide Evaluation; Pesticides -nonspecific; ...4.0743

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Guthion; Medicago; Nemacur P; Pesticide Application Rates; Pesticide Residues; Phosvel; Sevin; ...4.0759

BEE INVESTIGATIONS ...Aquifoliaceae; Climates -general; Ericaceae; Lindane; Pollens -see Air Pollution; ...4.0760

STUDY OF HONEY BEES AND OTHER POLLINATING INSECTS AND PESTICIDE CHEMICAL MATERIALS ...Foreign Agriculture; Liquids Or Sprays; Poland, Sevin; ...4.0771

EFFECT OF INSECTICIDES ON POPULATIONS OF PARASITES OF THE ALFALFA WEEVIL ...Biological Control; Insecticides - nonspecific; ...4.0835

EFFECTS OF PESTICIDES ON INSECTS, MITES, AND PREDACEOUS ARTHROPODS IN APPLE ORCHARDS ...Arachnida; Foreign Agriculture; Pesticide Action on Animals; Pesticide Toxicity in Animals; Population Dynamics -general; Temperature - Air; ...4.0838

BIOLOGY AND CONTROL OF ARTHROPODS ON SOYBEANS ...Aliphatic Carbamates; Arachnida; Biological Control; Insect Resistance; Methomyl; Pesticide Evaluation; Population Dynamics - general; ...4.0843

SYSTEMIC INSECTICIDE RESEARCH ON MISCELLANEOUS INSECTS AND SPIDER MITES OF COTTON ...Animal Resistance; Azodrin; Fertilizers; Granules, Capsules; Pesticide Action on Plants; Pesticide Formulation; ...4.0864

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...Bidrin; DDT; Economics of Chemical Control; Pesticide Action on Animals; Population Dynamics -general; Strobane; Toxaphene; ...4.0865

INSECT POLLINATION INVESTIGATIONS ON LEGUMES ...Dibrom; Dimethoate; Dipterex; Medicago; ...4.0876

PESTICIDE AND POLLUTANT TOXICITY AND INTERACTIONS IN BEES ...Air Pollution -see Specifics; Animal Resistance; Population Dynamics -general; ...4.0877

BIOLOGICAL CONTROL AGENTS TO REPLACE OR SUPPLEMENT PESTICIDES TO CONTROL PHYTOPHAGOUS ARTHROPODS ...Biological Control; Furadan; Imidan; Pest Control Measures; Pesticide Evaluation; ...4.0878

BIOLOGY AND CONTROL OF THE ALFALFA WEEVIL ...Animal Life History Studies; Ethyl Parathion; Guthion, Pesticide Evaluation; Sevithion; ...4.0880

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT AND MITE PESTS OF APPLE ...Acaricides -nonspecific; Arachnida; Biological Control; Gardona; Phosalone; Torak; ...4.0896

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

CORN EARWORM CONTROL ...Bay 93820; Chlorphenamidine; Methomyl; Pesticide Phytotoxicity; Sevin; Zea Mays - Field Corn; ...4.0898

REPELLENT ADDITIVES TO REDUCE PESTICIDE HAZARDS TO HONEY BEES ...Aerosols - Smokes, Fogs, Steam; Humidity; Pesticide Interaction With Env; Temperature - Air; ...4.0931

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biological Control; Chlorphenamidine; Gardona; Liquids Or Sprays; Oxthioquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPECIES IN COTTON AND OTHER HOST PLANTS ...Aliphatic Carbamates, Animal Resistance; DDT; Insect Resistance; Methyl Parathion; Pesticides -other; Sevin; ...4.1037

Laboratory Animals

PHAGOCYTOSIS AND BACTERIAL KILLING BY ALVEOLAR MACROPHAGES ...Air Pollution -see Specifics; Amino Triazole; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Phagocytosis; Sulfur Dioxide; ...1.0282

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg, Plant Food Chains; Protozoa; Toxaphene; ...4.0048

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Animal Productivity; Bos; Ecological Effects; Oncorhynchus; Pesticide Action on Animals; Pesticide in Food Chains; Pollution Effects -see Water; Residues in Foods; ...4.0064

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Dbee, -2,4-; Fish; Haloragaceae; Paraquat; Pesticide Evaluation; Pesticide in Food Chains; Ponds; ...4.0529

EFFECT OF ENDRIN ON EGG-SPERM FORMATION AND EMBRYONIC DEVELOPMENT ...Carassius Auratus; Embryology -basic; Endrin; Ictalurus Punctatus; Pesticide Action on Animals; Pesticides -see Pesticide; Water Pollution Effects; ...4.0531

PESTICIDES IN MAMMALIAN CELL SYSTEMS ...Cellular Biosynthesis; DDT; Dieldrin; Kinetics; Mammals -nonspecific; Pesticide Action on Animals; ...4.0533

PESTICIDE DEPOSITION IN POULTRY ...Chemical Analysis; DDT; Food Contamination; Pesticide in Food Chains; Pesticide Residues in Feeds; Residues in Foods; ...4.0538

DETERMINATION OF THE TOXICITY OF TERRAMYCIN TO CATFISHES (REVISED) ...Animal Pharmacology; Ictaluridae; Ictalurus Punctatus; Pesticide Formulation; Terramycin; ...4.0540

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Contamination - Water; Estuaries; Pesticide Interaction With Env; Pesticides -nonspecific; Physiological Effects; Water Quality -general; ...4.0544

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Chemical Analysis; Gallus Domesticus; Mammals -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0548

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Birds; Pesticide Application Rates; Pesticide Formulation; Ponds; ...4.0550

CONTROL METHODS FOR CALIFORNIA GROUND SQUIRRELS ...Antimammal Cpds. -nonspecific; Baits, Lures; Control of Nuisance Species; Pesticide Evaluation; Sciuridae; ...4.0553

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; DDT; Difolatan; Methoxychlor; Muridae; Pesticide Persistance in Soils; Phaltan; ...4.0556

BIOLOGICAL EFFECTS OF ENVIRONMENTAL FACTORS IN BIRDS AND ANIMALS ...Birds, Cyclic Chlorinate Organic Cpds; DDT; Quail; ...4.0557

PHYSIOLOGICAL CONSEQUENCES OF LONG-TERM EXPOSURE TO LOW LEVELS OF TOXICANTS ...DDT; Dieldrin; Environmental Effects - Human; Muridae; Pesticide Formulation; Stressors, Physiological; Toxicology; ...4.0559

METABOLISM OF CARBAMATE PESTICIDES ...Bayer 44646; Carbon; Muridae; Pesticide Toxicity in Humans; Zectran; ...4.0560

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Diphacin; Fish; Fungicides -nonspecific; Mammals; Metal Organics -nonspecific; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0566

EFFECT JU PHENOBARBITAL SUR LE METABOLISME DU DDT CHEZ LE RAT ...DDT; Developmental Physiology; Muridae; Pesticide Action on Animals; Toxicology; ...4.0572

TOXIC CHEMICALS FOR ALLEVIATING BIRD PROBLEMS ...Anseriformes; Control of Nuisance Species; Passeriformes; Pesticide Action on Animals; Pheasant; ...4.0579

FUNDAMENTAL APPROACHES TO DRUG TOXICITY ...DDT; Muridae; Pesticide Action on Animals; Rabbits; TDE; ...4.0584

LABORATORY BIOASSAYS ...Bioassay; Fish; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pesticides -nonspecific; ...4.0595

RELATIONSHIPS BETWEEN SUB-LETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ...Behavior - vertebrate; Cyprinodontidae; DDT -see Pesticides; Fish; Pesticide Evaluation; Pesticides -nonspecific; Psychology; ...4.0598

DIELDRIN BUILD-UP AND DISSIPATION RATE IN FATTY TISSUES OF BEEF CATTLE FED DIFFERENT LEVELS OF ALDRIN ...Aldrin; DDT; Pesticide Residue Analysis; Pesticide Residues in Feeds; ...4.0609

BIOCHEMICAL BASIS OF ORGANOPHOSPHATE PESTICIDE EFFECTS ON FUNCTION ...Cell Injury and Autolysis; DFP; Organophosphorous Cpds.; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0611

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...DDT; Lindane; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.0612

INTERACTIONS OF PESTICIDES, DRUGS AND OTHER CHEMICALS ...Bioassay; Environmental Effects - Human; Muridae; Pesticide Action on Animals; Pesticide Rates -general; Quail; ...4.0613

RESPONSE OF RATS TO DIETS CONTAINING MULTIPESTICIDE COMPONENTS ...DDT; Muridae; Parathion; Pesticide Interaction -gen.; Zinc; ...4.0615

PHYSIOLOGICAL RESPONSE OF FEMALE RATS AND OFFSPRING TO MULTI-INSECTICIDES AND MINERALS ...DDT; Dinitrophenol; Muridae; Pesticide Action on Animals; Toxicology; ...4.0616

METABOLIC STUDIES OF INSECTICIDES ...Animal; Muridae; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0620

MECHANISM OF ACTION OF HALOGENATED HYDROCARBON FUMIGANTS ON ANIMALS ...Birds; Dibromoethane; Foreign Agriculture; Israel; Muridae; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0621

CARCINOGENESIS BIOASSAY OF PESTICIDES AND OTHER ENVIRONMENTAL AGENTS ...Animal Resistance; Bioassays; Chemical Carcinogenesis; Food Contamination; Muridae; Pesticide Action on Animals; Pesticides -nonspecific; Tumor Pathology; ...4.0624

TOXICANTS AND BAITS FOR CONTROLLING NUTRIA IN AGRICULTURAL AREAS ...Antimammal Cpds. -nonspecific; Baits, Lures; Bioassay; Control of Nuisance Species; Pesticide Evaluation; Rodentia -other; Spawn Or Nesting Sites; ...4.0627

TOXICOLOGICAL STUDIES WITH JAPANESE QUAIL ...Animal Resistance; Bioassay; Chlorinated Hydrocarbons; Organophosphorous Cpds., Pesticide Action on Animals; Quail; ...4.0628

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...Chlorinated Hydrocarbons; DDT; Food Contamination; Lindane; Methoxychlor; Muridae; ...4.0635

EFFECTS OF DDT AND ANALOGUES ON REPRODUCTION IN DOMESTIC MAMMALS AND BIRDS ...Birds; DDT; Gallus Domesticus; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; TDE; ...4.0636

INSECTICIDL RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

LOSS OF BODY FAT AND RESPONSE TO INSECTICIDE RESIDUES ...Chlorinated Hydrocarbons; Metabolism & Metab. Diseases; Muridae; Pesticide Action on Animals; Toxicology; ...4.0639

OXIDATIVE DEALKYLATION OF INSECTICIDES ...Bidrin; Chlorine; Muridae; Pesticide Formulation; ...4.0650

STUDIES IN CHEMICAL METHODOLOGY FOR DETERMINATION OF PESTICIDE RESIDUES ...Chemical Analysis; DDT; Dieldrin; Mallard; Pesticide Residue Analysis; Pesticide Residues; ...4.0652

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Estuaries; Parathion; Physiological Effects; Spawn Or Nesting Sites; ...4.0653

BIOCHEMICAL AND PHYSIOLOGIC RESPONSE TO TOXIC STRESS ...Cellular Metabolism - Controls; Environmental Effects - Human; Insecticides -nonspecific; Muridae; Pesticide Action on Animals; Toxic Substances; ...4.0657

EFFECTS OF PHYSIOLOGICAL ENVIRONMENT ON CELLULAR HOMEOSTASIS, PROTEIN METABOLISM AND NUTRITION ...Cellular Biosynthesis; Cellular Metabolism - Controls; Dieldrin; Muridae; Pesticide Action on Animals; Pesticide Formulation; ...4.0665

FACTORS AFFECTING PLACENTAL TRANSFER, METABOLISM AND EXCRETION OF PESTICIDES IN ANIMALS ...Animal Pharmacology; DDT; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; Tissue Accumulation Rates; ...4.0669

PATHOLOGIC EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS USED IN THE ENVIRONMENT - THE TOXICITY OF NITRATES ...Animal Pharmacology; Dieldrin, Pesticide Action on Animals; Rodentia -other; Tissue Accumulation Rates; ...4.0675

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Chlorine; Dieldrin; Endrin; Pesticide Action on Animals; Pesticides -see Pesticide; Salmo Gairdneri; Water Pollution Effects; ...4.0697

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FISH TO SOME COMMONLY USED PESTICIDES ...Centrarchidae; Fish; Invertebrates -nonspecific; Pesticides -nonspecific; Pesticides -see Pesticide; Salmonidae; Water Pollution Effects; ...4.0709

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES ...Animal Resistance; Centrarchidae; Fish; Ictaluridae; Percidae; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0710

INVESTIGATION OF STRESS-INDUCED MOBILIZATION OF INSECTICIDE RESIDUES - CHRONIC TOXICITY OF PESTICIDES TO FISH ...Chemical Analysis; DDT; Dieldrin; Fish; Pesticide Action on Animals; Temperature (water); ...4.0714

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Pesticide Action on Animals; Pesticide Formulation; Pesticides -nonspecific; Plant Freshwater Ecology; Temperature (water); Water Quality - general; ...4.0716

EARLY SQUAMATION OF BLUEGILL (LEPOMIS MACROCHIRUS) AND FATHEAD MINNOWS (PIMEPHALES PROMELAS) EXPOSED TO AROCLORS ...Aroclor; Dyes -nonspecific; Fish; Lepomis Macrochirus, Minnows; Pesticide Action on Animals; ...4.0721

FISH REPRODUCTION AS AFFECTED BY ORGANOCHLORINE INSECTICIDES ...Captive Rearing; Chlordan; Dieldrin; Methoxychlor; Pesticide Residues; ...4.0722

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Aroclor; Dieldrin; Ictalurus Punctatus; Lepomis Macrochirus; Physiological Effects; ...4.0723

MINERAL IMBALANCE IN BLUEGILLS EXPOSED TO MALATHION PESTICIDE-INDUCED MINERAL IMBALANCE IN FISH ...Lepomis Macrochirus; Malathion; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Zinc; ...4.0727

2,4-D UPTAKE AND METABOLISM - METABOLISM OF PESTICIDES IN FISH ...Carassius Auratus; Carbon; D, 2,4-; Ictalurus Punctatus; Salmo Gairdneri; ...4.0728

DDT AND DIELDRIN METABOLISM AND STORAGE BY CHINOOK SALMON UNDER LABORATORY CONDITIONS ...Chlorinated Hydrocarbons; DDT; Dieldrin; ...4.0729

TOXICITY OF POLYCHLOROBIPHENYL (PCB) COMPOUNDS TO FRESHWATER INVERTEBRATES ...Bioassay; Circulation (water); Invertebrates -nonspecific; Pesticide Toxicity in Animals; Temperature (water); ...4.0735

STATIC BIOASSAY OF PESTICIDES USING FRESHWATER INVERTEBRATES TO OBTAIN PRELIMINARY ACUTE TOXICITY ESTIMATES (ABBREV.) ...Bioassay; Invertebrates -nonspecific; Pesticide Tolerance Rate; Pesticides -nonspecific; Temperature (water); ...4.0736

CONTINUOUS-FLOW BIOASSAY OF PESTICIDES TO EVALUATE THE ACUTE AND CHRONIC EFFECTS OF PESTICIDES TO FRESHWATER INVERTEBRATES (ABBREV.) ...Invertebrate Physiology; Pesticide Tolerance Rate; Pesticides -nonspecific; Physiological Effects; ...4.0737

METHOXYCHLOR-CAUSED EFFECTS ON CUTTHROAT TROUT PHYSIOLOGY - CHRONIC TOXICITY OF INSECTICIDES TO COLD-WATER FISH ...Methoxychlor; Pesticide Action on Animals; Pesticides -see Pesticide; Salmo Clarki; Wyoming; ...4.0740

PESTICIDE-WILDLIFE RELATIONSHIPS - REPRODUCTION, GROWTH, AND PHYSIOLOGY OF DEER FED DIELDRIN CONTAMINATED DIETS ...Deer -nonspecific; Dieldrin -see Pesticides; Pesticide Formulation; Pesticide Tolerance Rate; Tissue Accumulation Rates; ...4.0744

TOXICITY AND CARCINOGENICITY OF DIPHENYLAMINE TO MICE ...Diphenylamine; Muridae; Pesticide Formulation; Pyrus Malus; Residues in Foods; ...4.0763

TOXICOLOGY AND METABOLISM OF UNINTENTIONAL FOOD ADDITIVES ...Caviidae; Food Contamination; Pesticides - other; Residues in Foods; Toxicology; ...4.0766

TOXICOLOGICAL STUDIES OF DIELDRIN AND STEROIDS IN DOGS ...Canidae; Dieldrin; Gas Chromatography; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0773

TOXICOLOGICAL STUDIES OF DIELDRIN AND STEROIDS IN DOGS ...Animal Pharmacology; Canidae; Dieldrin; ...4.0774

EFFECTS OF DDT AND DIELDRIN ON REPRODUCTIVE PERFORMANCE AND GROWTH OF MINK ...DDE; DDT; Lake Michigan; Metabolites From Pesticides; Muridae; Mustelidae; Pesticide Action on Animals; ...4.0775

EGG COMPOSITION, MALATHION RESIDUES, AND MEAT QUALITY OF MALATHION TREATED HENS ...Gallus Domesticus; Home Economics; Malathion; Metabolites From Pesticides; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0777

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...DDT; Iodine; Malathion; Muridae; Pesticide Rates -general; ...4.0778

METABOLISM AND PHYSIOLOGICAL ASPECTS OF INGESTED HYDROCARBONS ...Chemical Carcinogenesis; Co-carcinogenesis; Digestive System - Human; Muridae; Pesticide Action on Animals; Piperonyl Butoxide; ...4.0781

EFFECT OF METHYLENEDIOXYPHENYL SYNERGISTS AND RELATED COMPOUNDS ON MICROSOMAL DRUG METABOLIZING ENZYMES ...Environmental Effects - Human; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Piperonyl Butoxide; Toxic Substances; Toxicology; ...4.0782

THE INFLUENCE OF ENVIRONMENTAL AGENTS ON THE GENESIS OF RIBOSOMES IN MAMMALIAN CELLS ...Cellular Biosynthesis; Cellular Physiology- Env. Eff.; Chlorinated Hydrocarbons; Environmental Effects - Human; Kinetics; Pesticide Action on Animals; ...4.0783

THE EVALUATION OF CARBAMATE-INDUCED ANTICHOLINESTERASE EFFECTS IN THE FETUS ...Carbamates -nonspecific; Carbamates -see Pesticides; Developmental Physiology; Environmental Effects - Human; Mammals -nonspecific; Pesticide Action on Animals; Toxicology; ...4.0784

METABOLISM AND DISTRIBUTION OF 2,4,5-T AND ITS ANALOGS IN PREGNANT AND NONPREGNANT RATS, MICE, AND GUINEA PIGS ...Cavildae; Experimental Teratology; Metabolites From Pesticides; Muridae; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0786

PRENATAL AND NEONATAL EFFECTS OF PARAQUAT ...Developmental Physiology; Muridae; Paraquat; Pesticide Action on Animals; Toxicology; ...4.0787

NORMAL AND MODIFIED PLACENTAL TRANSFER AND TISSUE DISTRIBUTION OF ENVIRONMENTAL AGENTS ...Developmental Physiology; Dieldrin; Diquat, Environmental Effects - Human; Mammals -nonspecific; Paraquat; Pesticide Action on Animals; ...4.0788

METABOLISM OF PESTICIDAL SYNERGISTS ...Carbon; Feces; Metabolites From Pesticides; Pesticide Action on Animals; Toxicology; ...4.0790

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON HI VIRAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Cricetus; Developmental Physiology; Environmental Effects - Human; Mercury; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0791

A CHEMICAL & MORPHOLOGICAL STUDY OF THE NEUROPATHY INDUCED BY ANTICHOLINESTERASE PESTICIDE ...Mammals -nonspecific; Pesticide Action on Animals; Pesticides -nonspecific; Toxicology; ...4.0792

TOXICITY OF 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN ...Muridae; Toxicology; ...4.0794

PESTICIDES AND PESTICIDAL SYNERGISTS STUDIES IN PREGNANT HAMSTERS ...Aldrin; Cricetus; Dieldrin; Endrin; Experimental Teratology; Piperonyl Butoxide; Toxicology; ...4.0795

GENERAL TESTING OF ENVIRONMENTAL CHEMICALS FOR EFFECTS ON GROWTH AND DEVELOPMENT ...Animal Pharmacology; Developmental Physiology; Environmental Effects - Human; Fungicides -nonspecific; Herbicides -nonspecific; Mammals -nonspecific; Toxicology; ...4.0796

DETERMINE THE EFFECTS OF 4-AMINO-PYRIDINE (DRC-1327, AVITROL 200) ON PEN-REARED PHEASANTS ...Avitrol 200; Baits, Lures; Captive Rearing; Pheasant; ...4.0801

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Aldrin; Dieldrin; Ictaluridae; Pesticide Action on Animals; Pesticides -see Pesticide; Pollution Effects - see Water; Stizostedion Vitreum Vitreum; ...4.0807

STUDY OF THE PRODUCTION AND DISTRIBUTION OF THE CHOLINESTERASE ENZYME IN ORGANOPHOSPHOROUS POISONING ...Disulfoton; Handling & Application; Muridae; Pesticide Action on Animals; Toxicology; ...4.0810

PESTICIDE INDUCED MODIFICATION OF BEHAVIORAL AND BIOELECTRIC RESPONSES TO EXTERNAL STIMULI ...Behavior -vertebrate; Farm Safety -see Safety; Pesticide Action on Animals; Psychology; ...4.0815

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - ANALYSIS OF EEG CHANGES INDUCED BY CHRONIC ENDRIN ADMINISTRATION ...Ceboidea; Endrin; Metabolism & Metab. Diseases; Pesticide Action on Animals; Stressors, Physiological; Toxicology; ...4.0816

TOLERANCE TO CHOLINESTERASE INHIBITORS - EFFECTS OF ANTIDOTES ON TOLERANCE AND RECOVERY ...Disulfoton; Muridae; Organophosphorous Cpds.; Pesticide Safety Measures; Physiological Resistance; Toxicology; ...4.0817

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Amino Triazole; D, 2,4-; Metabolites From Pesticides; Muridae; PMA; ...4.0819

ORGANIC MERCURIAL FUNGICIDES AND METABOLISM ...Carbon; Isotope Tracer -see Tracers; Mercury; Metal Organics - nonspecific; Pesticide Action on Animals; PMA; ...4.0820

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Cipc; IPC; Metabolites From Pesticides; Muridae; Pesticide Action on Plants; ...4.0821

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Marine Biology - General; Peridae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

RELATIONSHIPS OF PESTICIDE APPLICATION TO PESTICIDE RESIDUES IN WILDLIFE ...Behavior -vertebrate; DDE; Experimental Teratology; Pesticide Action on Animals; Pheasant; Tissue Accumulation Rates; ...4.0827

RELATIONSHIP OF INSECTICIDES TO PHEASANTS IN SOUTH DAKOTA ...Aldrin; Birds; Dieldrin; Pathology; Pesticide Formulation; Tissue Accumulation Rates; ...4.0847

PHOSPHOROUS INSECTICIDES EFFECT ON SULFATE FIXATION ...Calcium Sulfamate; Malathion; Muridae; Nutrition; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0851

TOXIC EFFECTS OF AGRICULTURAL CHEMICALS ON REPRODUCTION IN ANIMALS ...Chemical Mutagenesis; Experimental Teratology; Lethal Mutation; Mammals -nonspecific; Pesticide Formulation; Pesticides -nonspecific; ...4.0857

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Dursban; Heptachlor; Melliagris; Paraquat; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

THE TOXICOLOGICAL ACTION OF ORGANOPHOSPHATES AND CARBAMATES ...Air Pollution -see Specifics; Chemical Carcinogenesis; Experimental Teratology; Muridae; Pesticide Action on Animals; Sevin; ...4.0881

BRAIN LESIONS, BEHAVIOR CHANGES AND PESTICIDE RESIDUES ...Anseriformes; Dieldrin; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0882

EFFECTS OF DIETARY PROTEIN ON THE METABOLISM OF HEPTACHLOR IN THE RAT ...Digestive System - Human; Heptachlor Epoxide; Muridae; Pesticide Tolerance Rate; Toxicology; ...4.0886

TOXICOLOGY OF CANDIDATE INSECT CHEMOSTERILANTS OR ATTRACTANTS ...Hempa; Muridae; Pesticide Action on Animals; Pesticide Evaluation; Tepa; ...4.0888

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; DDT; Ethion; Kelthane; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

EFFECT OF PESTICIDE RESIDUES ON GAME FISH POPULATIONS ...Animal Life History Studies; Pesticide Action on Animals; Pesticides -see Pesticide; Population Dynamics -general; ...4.0893

INSECTICIDES AND REPRODUCTION OF COTURNIX QUAIL ...Chemical Mutagenesis; DDT; Genetic Resistance; Malathion; Pesticide Tolerance Rate; Quail; ...4.0912

EFFECT OF EXERCISE WITH HIGH CARBOHYDRATE OR HIGH FAT DIETS CONTAINING DDT ...DDT; Exercise; Muridae; Toxicology; ...4.0918

CHRONIC TOXICITY OF PESTICIDES TO COLD-WATER FISH ...Animal Pharmacology; Fish; Nutrition; Pesticide Residues; Pesticides -see Pesticide; Shock -animal; ...4.0920

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

OXIDATIVE DEALKYLATION OF PESTICIDES ...Bidrin; Chemical Degradation, Dieldrin; Muridae; Phosphamidon; ...4.0958

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

SWEET CLOVER TOXICITY AND CHEMICAL AND PHYSIOLOGICAL STUDIES ON DICUMAROL AND WARFARIN ...Animal Pharmacology; Chemical Analysis; Muridae; Pesticide Action on Animals; Warfarin; ...4.0996

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bioassay; Carbon; Developmental Physiology; Genetic Resistance; Hydrogen; Organophosphorous Cpds.; Pesticide Action on Plants; Pyrethrum; ...4.0999

THE CHEMISTRY AND TOXICOLOGY OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Food Contamination, Microorganisms -nonspecific; Pesticide in Food Chains; Pesticides -nonspecific; ...4.1001

DDT RESIDUES IN EGGS AND BODY TISSUES OF HENS ...Chemical Analysis; Food Contamination; Granules, Capsules; Pesticide Action on Animals; Pesticide in Food Chains; ...4.1016

BROMIDE RESIDUES AND THYROID FUNCTION ...Bromine; Iodine; Methyl Bromide; Muridae; Pesticide Residues in Feeds; Toxicology; ...4.1039

HISTOLOGICAL PROCESSING AND PATHOLOGICAL EXAMINATION OF SELECTED ANIMAL TISSUES ...Digestive System - Human; Mammals -nonspecific; Pesticides -nonspecific; Toxicology; ...4.1041

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Crustacea; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...4.1055

RESIDUE OF PESTICIDES - NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND ENVIRONMENT ...DDE; DDT; Metabolites From Pesticides; Methoxychlor; Pesticide Action on Animals; Pesticide Residues; Sevin; ...4.1070

METABOLITE FORMATION IN METABOLISM OF TRIAZINE HERBICIDES BY THE ANIMAL ...Animal; Capra; Metabolites From Pesticides; Ovis; Pesticide Formulation; Prometone; Radioisotopes -nonspecific; ...4.1096

GASTROINTESTINAL ABSORPTION OF AGRICULTURAL CHEMICALS IN ANIMALS ...Animal; Carbon; Domestic Animals; Mca-600; Sevin; ...4.1098

METABOLIC FATE OF PESTICIDES IN ANIMALS ...Animal; Capra; Feces; Mca-600; Ovis; Pesticide Application Rates; Urine; ...4.1100

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Bos; Copper; Iodine; Muridae; Radiation Effects; Sus; X and Gamma Rays; ...5.0246

Wildlife Toxicity

ENZYME SYSTEMS OF ESTUARINE ORGANISMS ...Bioassay; Contamination - Water; Fish; Invertebrate Physiology; Organophosphorous Cpds.; Pesticides -see Pesticide; ...2.0546

AERIAL DISPERSAL METHODS FOR CONCENTRATED INSECTICIDES ...Concentrates; Insects - Beneficial; Liquids Or Sprays; Oryzeae; Pesticide Evaluation; ...4.0554

ECOLOGY OF ANIMALS IN DDT-CONTAMINATED ENVIRONMENTS ...Contamination -see Air & Water; DDT; Degradation; Pesticide Safety Measures; Population Dynamics -general; Wildlife -nonspecific; ...4.0632

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0633

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

PESTICIDE MONITORING PROGRAM ...Aldrin, BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor, Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

METHODS OF ANALYSIS FOR PESTICIDES ...Aroclor; Chemical Analysis; Metabolites From Pesticides; Pesticide Toxicity in Animals; ...4.1040

Birds

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

PESTICIDE-WILDLIFE RELATIONSHIPS ...DDT; Insecticides - nonspecific; Mammals; Odocoileus; Pesticide Residues; Quail; Rabbits; ...4.0530

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Biological Control; Forest Environment -general; Passeriformes; Pesticide in Food Chains; Physical Control; ...4.0549

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Laboratory Animals; Pesticide Application Rates; Pesticide Formulation; Ponds; ...4.0550

CHLORINATED HYDROCARBONS - PATTERNS AND EFFECTS UPON THE REPRODUCTIVE CAPACITY OF ANTARCTIC PELAGIC SEA BIRDS ...Antarctica; France; Polar Regions; Polychlorinated Biphenyl Cpds.; Procellariiformes; ...4.0551

BIOLOGICAL EFFECTS OF ENVIRONMENTAL FACTORS IN BIRDS AND ANIMALS ...Cyclic Chlorinate Organic Cpds; DDT; Laboratory Animals; Quail; ...4.0557

CONTROLLED GROWTH AND METABOLISM OF AVIAN CELLS ...Embryology -basic; Gallus Domesticus; Malaoxon; Malathion; Paraoxon; Parathion; Pesticide Action on Animals; ...4.0558

BIOTELEMETRY AS A TOOL FOR PESTICIDE INVESTIGATIONS ...Animal Distribution; California; Mark, Tag Or Capture; Pesticide Safety Measures; Pheasant; ...4.0567

EFFECTS OF SAGEBRUSH CONTROL ON DISTRIBUTION AND ABUNDANCE OF SAGE GROUSE ...D, 2,4-; Grouse; Temporal Distribution; ...4.0574

WILDLIFE VS. BIDRIN AND DIMETHOATE USE IN SEED ORCHARDS ...Animal Distribution; Bidrin; Dimethoate; Mammals; Pesticide Legal Aspects; Population Dynamics -general; ...4.0575

EFFECTS OF THE CHEMOSTERILANT, TEPA, ON INSECTIVOROUS SONGBIRDS ...Insect Chemosterilants -ns.; Passeriformes; Population Dynamics -general; Washington; ...4.0576

EFFECTS OF HERBICIDES ON USE OF SAGEBRUSH LANDS BY WILDLIFE ...Animal Habitat Studies; Artemisia; Cervus; Deer -nonspecific; Food Supply; Grouse; Herbicides -nonspecific; Mammals; Pesticide Action on Animals; Plant Succession; Wildlife -nonspecific; ...4.0580

TOXICOLOGY OF SELECTED PESTICIDES IN SELECTED WILDLIFE SPECIES ...Behavior -vertebrate; Mallard; Odocoileus; Pathology; Pesticide Phytotoxicity; Pesticides -nonspecific; Quail; ...4.0581

DDT AND OTHER CHLORINATED HYDROCARBONS AND EGG SHELL QUALITY ...Chlorinated Hydrocarbons; DDT; Gallus Domesticus; Melliagris; Pesticide Action on Animals; Pesticide Residues in Feeds; Quail; ...4.0597

INSECTICIDE METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Developmental Physiology; Insect Chemosterilants -ns.; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues in Feeds; ...4.0607

MECHANISM OF ACTION OF HALOGENATED HYDROCARBON FUMIGANTS ON ANIMALS ...Dibromoethane; Foreign Agriculture; Israel; Muridae; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0621

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Crayfish; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0633

EFFECTS OF DDT AND ANALOGUES ON REPRODUCTION IN DOMESTIC MAMMALS AND BIRDS ...DDT; Gallus Domesticus; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; TDE; ...4.0636

EFFECT OF MALATHION AND SEVIN ON REPRODUCTIVE PERFORMANCE OF THE HEN ...Developmental Physiology; Gallus Domesticus; Malathion; Pesticide Formulation; Pesticide Residues in Feeds; Sevin; ...4.0640

FACTORS AFFECTING PESTICIDE TOXICITY ...Amphibians; Fish; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticides Compatibility; ...4.0656

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics - general; Water Pollutants - Path of; ...4.0752

EFFECTS OF CHEMICAL POLLUTANTS ON AVIAN REPRODUCTION ...Calification -vertebrate; Chlorinated Hydrocarbons; Dove; Nutrition; Pesticide Action on Animals; Pesticide in Food Chains; ...4.0767

INFLUENCE OF NUTRITION ON INSECTICIDE RESIDUES IN CHICKENS ...Dieldrin; Gallus Domesticus; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0798

RELATIONSHIPS OF PESTICIDE APPLICATION TO PESTICIDE RESIDUES IN WILDLIFE ...Behavior -vertebrate; DDE; Experi-

mental Teratology; Pesticide Action on Animals; Pheasant; Tissue Accumulation Rates; ...4.0827

THE INFLUENCE OF PESTICIDES ON MORTALITY RATES OF BIRDS ...Animal Productivity; Computer Methods -general; Pelecaniformes; Pesticide Residue Analysis; Pesticides -nonspecific; Population Dynamics -general; ...4.0828

RELATIONSHIP OF INSECTICIDES TO PHEASANTS IN SOUTH DAKOTA ...Aldrin; Dieldrin; Pathology; Pesticide Formulation; Tissue Accumulation Rates; ...4.0847

NUTRITION AND PROPAGATION OF THE ATTWATER'S PRAIRIE CHICKEN ...Aspergillus; Captive Rearing; Endangered Species; Nematoda; Pathology; Pesticide Residues Removal; Protozoa; Tissue Accumulation Rates; ...4.0857

LIVESTOCK DETOXICATING MECHANISMS OF PESTICIDES ...Ciodrin; Domestic Animals; Gallus Domesticus; Ovis; Pesticide Residues Removal; Residues in Foods; ...4.0870

CHARACTERIZATION OF CYTOLOGICAL RESPONSES TO TOXICATIONS OF PESTICIDES IN LIVESTOCK ...Antihelminth; Developmental Physiology; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0873

INSECTICIDES AND EGG-SHELL DEPOSITION ...Annelida; DDT; Endangered Species; Fish; Lake Michigan; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0913

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination -other; Urine; ...4.0987

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

Fish

FISH-MERCURY STUDIES IN THE GREAT LAKES ...Chemical Analysis; Contamination - Water; Great Lakes -see Specific Lake; Mercury; Organic Water Properties; Pesticide in Food Chains; Waterfowl -nonspecific; ...2.0190

CHARACTERIZATION OF ESTERASE(5) PRESENT IN FISH BLOOD ...Marine Biology - General; Pesticide Action on Animals; Pesticides -nonspecific; Pesticides -see Pesticide; Physiological Effects; ...2.0219

ENZYME SYSTEMS OF ESTUARINE ORGANISMS ...Bioassay; Contamination - Water; Invertebrate Physiology; Organophosphorous Cpds., Pesticides -see Pesticide; Wildlife Toxicity; ...2.0546

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Channels; Drainage; Eutrophication; Pesticide Residues; Pesticides -see Pesticide; Reservoirs and Impoundments; Turbidity (water); ...2.0653

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Contamination - Water; Environmental Ecology; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Pesticides -nonspecific; Spawn Or Nesting Sites; Temperature (water); ...2.1516

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium, Dieldrin; Iodine; Ms-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

TOXICITY OF SELECTED METALS TO CONDITIONED FISH ...Animal Behavioral Ecology; Behavior -vertebrate; Environmental Ecology; Pesticide Action on Animals; Pollution Effects -see Water; ...2.1669

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides - other; Plant; Tissue Accumulation Rates; ...4.0003

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Aquatic Soils; Dalapon; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Formulation; Pesticide Residues; Ponds; Typhaceae; ...4.0006

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Granules, Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Estuaries; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

PESTICIDE MONITORING PROGRAM LAKE MICHIGAN ...Algae -nonspecific; Environment Accumulation Rates; Lakes; Pesticide in Food Chains; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0028

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Algae -nonspecific; Aquatic Ecology - Animal; Cichlidae; Methoxychlor; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Water Pollutants - Path of; ...4.0029

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds; Chemical Analysis; Ecological Effects; Environmental Ecology; Lakes; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Zea Mays - Field Corn; ...4.0074

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Dbee, -2,4-; Haloragaceae; Paraquat; Pesticide Evaluation; Pesticide in Food Chains; Ponds; ...4.0529

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Aquatic Plants -nonspecific; Carbon; Endrin; Environmental Physiology; Pesticide Action on Animals; Soil Types -also See Specifics; ...4.0532

PESTICIDES RESEARCH ...Alaska; Chemical Analysis; DDT; Invertebrates -nonspecific; Pesticides -see Pesticide; Water Pollution Effects; ...4.0534

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Diphacin; Fungicides -nonspecific; Mammals; Metal Organics -nonspecific; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0566

PHYSIOLOGY OF ESTUARINE ORGANISMS ...Carbon; Estuaries; Hippolyte; Invertebrate Physiology; Marine Animals; Pesticides -see Pesticide; ...4.0591

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

LABORATORY BIOASSAYS ...Bioassay; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pesticides -nonspecific; ...4.0595

RELATIONSHIPS BETWEEN SUB-LETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ...Behavior - vertebrate; Cyprinodontidae; DDT -see Pesticides; Laboratory Animals; Pesticide Evaluation; Pesticides -nonspecific; Psychology; ...4.0598

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Estuaries; Laboratory Animals; Parathion; Physiological Effects; Spawn Or Nesting Sites; ...4.0653

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ...Captive Rearing; DDT; Estuaries; Heptachlor; Massachusetts; Pesticides -see Pesticide; Pleuronectidae; Spawning -see Fish & Shellfish; ...4.0654

FACTORS AFFECTING PESTICIDE TOXICITY ...Amphibians; Birds; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticides Compatibility; ...4.0656

RATES OF PESTICIDE BUILDUP IN SALMONIDS RECENTLY INTRODUCED IN THE GREAT LAKES ...Aquatic Ecology - Animal; Insecticides -nonspecific; Lake Superior; Marine Pollution; Pollution Effects -see Water; ...4.0661

MAGNITUDE AND NATURE OF POLYCHLORINATED BIPHENYLS IN COHO SALMON ...Chemical Analysis; DDT; Lake Michigan; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0674

MODE OF ACTION OF INSECTICIDES AS RELATED TO INSECT METABOLISM AND BEHAVIOR ...Animal Resistance; Chlordan; DDT; Pesticide Application Rates; Pyrethrum; Salvelinus; ...4.0682

BIOENVIRONMENTAL CONTROL OF COTTON BOLLWORMS ...Biological Control; Gossypium; Insects - Beneficial; Pesticide Residues; Pesticide Toxicity in Animals; Pesticide Toxicity in Humans; Physical Control; ...4.0694

THE UPTAKE OF AND BIOLOGICAL RESPONSES TO AROCLORS IN CHANNEL CATFISH ...Aroclor; Ictalurus Punctatus; Nutrition; Oral; Pesticide Action on Animals; ...4.0695

SCREENING PESTICIDES FOR TERATOGENIC EFFECTS ON GAMBUSIA. TOXICITY OF PESTICIDES TO FRESHWATER FISHES ...Carbamates -nonspecific; Fungicides -nonspecific; Herbicides -nonspecific; Pesticide Action on Animals; Poeciliid; Polychlorinated Biphenyl Cpds.; ...4.0696

72-HR THYROIDAL I125 UPTAKE IN IMMATURE CHANNEL CATFISH FOLLOWING EXPOSURE TO 5 DOSES OF SELECTED TOXICANTS (ABBREV.) ...Chlorinated Hydrocarbons; Ictalurus Punctatus; Iodine; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0700

SERUM ANALYSIS OF CUTTHROAT TROUT EXPOSED CHRONICALLY TO METHOXYCHLOR PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Chlorine; Methoxychlor; Pesticide Action on Animals; Salmo Clarki; ...4.0701

SEASONAL CHANGES IN ESTERASE ACTIVITY IN FISH AND INVERTEBRATES. INTERACTIONS BETWEEN PESTICIDES ON FISH ENZYME SYSTEMS ...Biochemical Analysis - Tissues; Invertebrate Physiology; Invertebrates -nonspecific; Lepomis Macrochirus; Pesticide Action on Animals; Pesticides -nonspecific; ...4.0703

THE INFLUENCES OF ENVIRONMENTAL CONDITIONS ON THE TOXICITY OF PESTICIDES ...Aquatic Ecology - Animal; Bioassays; Pesticides -nonspecific; Pollution Effects -see Water; Water Pollution Effects; ...4.0708

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES ...Animal Resistance; Centrarchidae; Ictaluridae; Percidae; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0710

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FRESHWATER FISHES TO THREE TOXICANTS ...Abate; Bioassay; Chlordan; Ictaluridae; Salmonidae; ...4.0711

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES, FY 1971 (ABBREV.) ...Bioassay; Cyprinidae; Genetic Resistance; Ictaluridae; Salmonidae; ...4.0712

INVESTIGATION OF STRESS-INDUCED MOBILIZATION OF INSECTICIDE RESIDUES - CHRONIC TOXICITY OF PESTICIDES TO FISH ...Chemical Analysis; DDT; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Temperature (water); ...4.0714

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Animal Productivity; Carbon; Contamination - Water; DDT; Pesticide Action on Animals; Pesticide in Food Chains; ...4.0715

CHRONIC TOXICITY OF PESTICIDES TO FRESHWATER FISHES ...Pesticide Action on Animals; Pesticides -nonspecific; Temperature (water); ...4.0719

EARLY SQUAMATION OF BLUEGILL (LEPOMIS MACROCHIRUS) AND FATHEAD MINNOWS (PIMEPHALES PROMELAS) EXPOSED TO AROCLORS ...Aroclor; Dyes -nonspecific; Laboratory Animals; Lepomis Macrochirus; Minnows; Pesticide Action on Animals; ...4.0721

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Aroclor; Dieldrin; Ictalurus Punctatus; Lepomis Macrochirus; Physiological Effects; ...4.0723

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Cell Injury and Autolysis; Pesticide Action on Animals; Pesticides -nonspecific; Pesticides -see Pesticide; Physiological Effects; ...4.0726

UPTAKE AND METABOLISM BY FISH OF 2,4-D DIMETHYL AMINE SALT ...Carbon; D, 2,4-; Ictalurus Punctatus; Pesticide Formulation; Salmo Gairdneri; ...4.0730

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics - general; Water Pollutants - Path of; ...4.0752

THE RELATIONSHIP BETWEEN THE USE OF AGRICULTURAL CHLORINATED HYDROCARBONS AND THEIR RESIDUES IN CHANNEL CATFISH ...Chemical Analysis; DDT; Land Use; Pesticides -see Pesticide; River Basins; ...4.0754

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Dieldrin; Endrin; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0830

INHIBITORY EFFECT OF DDT IN ATPASE ASSAY MIXTURES ...DDT; DDT -see Pesticides; Pesticide Action on Animals; ...4.0891

PESTICIDE MONITORING ...Captive Rearing; Chemical Analysis; Chlorinated Hydrocarbons; Fish Food Supply -other; Gas Chromatography; Monitoring Systems; Pesticides -see Pesticide; ...4.0892

ELIMINATE OR REDUCE EFFECTS OF PESTICIDE RESIDUES ...Captive Rearing; DDT; Fish Food Supply -other; Pesticide Action on Animals; Pesticides -see Pesticide; Salmonidae; ...4.0894

THE EFFECTIVENESS OF MCN-JR-7464 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ...Animal Pharmacology; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Action on Animals; Pesticide Formulation; Salmo Trutta; Temperature (water); ...4.0906

INSECTICIDES AND EGG-SHELL DEPOSITION ...Annelida; Birds; DDT; Endangered Species; Lake Michigan; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0913

CHRONIC TOXICITY OF PESTICIDES TO COLD-WATER FISH ...Animal Pharmacology; Nutrition; Pesticide Residues; Pesticides -see Pesticide; Shock -animal; ...4.0920

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats - see Animal; ...4.1006

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

MONITORING OF PESTICIDE LEVELS IN THE GREAT LAKES ...Aquatic Ecology - Animal; Great Lakes -see Specific Lake; Lakes; Pesticide Residue Analysis; Pollution Effects -see Water; ...4.1045

Mammals

STATE WIDE WILDLIFE INVESTIGATIONS ...Chemical Analysis; Deer -nonspecific; Forest Fires -see Fire; T, 2,4,5-; Wildlife Habitat Management; ...4.0331

PESTICIDE-WILDLIFE RELATIONSHIPS ...Birds; DDT; Insecticides -nonspecific; Odocoileus; Pesticide Residues; Quail; Rabbits; ...4.0530

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Diphacin; Fish; Fungicides -nonspecific; Metal Organics -nonspecific; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0566

WILDLIFE VS. BIDRIN AND DIMETHOATE USE IN SEED ORCHARDS ...Animal Distribution; Bidrin; Birds; Dimethoate; Pesticide Legal Aspects; Population Dynamics -general; ...4.0575

FIELD TRIALS WITH ANTIFERTILITY AGENTS FOR PREDATOR CONTROL ...Animal Predation; Canidae; Control of Nuisance Species; Impregnated Materials-products; Pesticide Application Rates; Population Dynamics -general; ...4.0877

EFFECTS OF HERBICIDES ON USE OF SAGEBRUSH LANDS BY WILDLIFE ...Animal Habitat Studies; Artemisia; Birds; Cervus; Deer -nonspecific; Food Supply; Grouse; Herbicides -nonspecific; Pesticide Action on Animals; Plant Succession; Wildlife -nonspecific; ...4.0580

TOXICOLOGY OF SELECTED PESTICIDES IN SELECTED WILDLIFE SPECIES ...Behavior -vertebrate; Mallard; Odocoileus; Pathology; Pesticide Phytotoxicity; Pesticides -nonspecific; Quail; ...4.0581

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0633

FACTORS AFFECTING PESTICIDE TOXICITY ...Amphibians; Birds; Fish; Insecticides -nonspecific, Mammals -nonspecific; Pesticide Action on Animals; Pesticides Compatibility; ...4.0656

EFFECTS OF A PESTICIDE ON REPRODUCTION OF CONFINED COTTONTAILS ...Captive Rearing; Pesticide Action on Animals; Pesticide Formulation; Population Dynamics -general; ...4.0747

EFFECTS OF CHEMICAL SAGEBRUSH CONTROL ON MULE DEER IN THE MISSOURI RIVER BREAKS, MONTANA ...Animal Habitat Studies; Artemisia; Ground Census; Odocoileus; Telemetry; Wildlife Habitat Management; ...4.0749

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

PESTICIDE RESIDUES AND PARASITES IN BIG GAME MAMMALS ...Antilocapridae; Cervus; Forest Environment -general; Nematoda; Ovis; ...4.0845

Pesticide Toxicity in Humans

LAW-RELATED RESEARCH ON SCIENTIFIC UNCERTAINTY AND TECHNOLOGY ASSESSMENT ...Air Pollution -see Specifics; Environmental Effects - Human; Pesticides -nonspecific; Radiation Effects - Biological, Radiation Sources -general; Radiologic Health; ...1.0497

COMPARATIVE BIOCHEMISTRY OF HERBICIDES ...Carbon; Enzymes; Herbicides -nonspecific; Herbicides and Other Chem; ...4.0225

ILLINOIS CONSUMERS' REACTION TO USE OF PEST CONTROL ON AGRICULTURAL PRODUCTS ...Attitudes & Attitude Change; Consumer Attitudes- Pesticides; Demography; Home Economics; Illinois; Pesticides -nonspecific; Residues in Foods; ...4.0303

PREPARATION AND BIOASSAY OF SMOKE CONDENSATE FROM TOBACCO SAMPLES ...Bioassays; Co-carcinogenesis; Maleic Hydrazide; Nicotiana; Pesticide Rates -general; Tobacco -cigarettes, Tween-80 -see Surfactants; ...4.0405

THE DEGRADATION OF DDT, TDE, AND DIELDRIN IN THE CIGARETTE MAIN-STREAM AND SIDE-STREAM SMOKES ...Chemical Degradation; DDT; Dieldrin; TDE; Tobacco -cigarettes; Toxicology; ...4.0422

ARIZONA COMMUNITY STUDIES PESTICIDE PROJECT ...Consumer Attitudes- Pesticides; DDT; Literature Search; Pesticide Action on Animals; Preventative Measures; ...4.0536

METABOLISM OF CARBAMATE PESTICIDES ...Bayer 44646; Carbon; Laboratory Animals; Muridae; Zectran; ...4.0560

TOLERANCE OF ORGANIC PHOSPHATES IN MAN ...Ethion; Guthion; Methyl Parathion; Phosdrin; Toxicology; Trithion; ...4.0569

RESEARCH ON EFFECTS OF FESTICIDES ON FARM WORKERS ...Pesticide Action on Animals; Pesticides -nonspecific; Toxicology; ...4.0571

PESTICIDES IN MAN ...Pesticide Residues: Pesticides -nonspecific; ...4.0573

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aldrin; Aramite; Chemical Analysis; Dieldrin; Methoxychlor; Pesticide Action on Animals; Toxicology; ...4.0592

BIOCHEMICAL BASIS OF ORGANOPHOSPHATE PESTICIDE EFFECTS ON FUNCTION ...Cell Injury and Autolysis; DFP; Laboratory Animals; Organophosphorous Cpds.; Pesticide Action on Animals; Toxicology; ...4.0611

MULTICRITERIAL EVALUATION OF ENVIRONMENTAL PESTICIDES ...Behavior -vertebrate; Chemical Analysis; Dieldrin; Domestic Animals; Livestock -nonspecific; Pesticide Legal Aspects; Pesticide Tolerance Rate; ...4.0619

EXPANDING REPORT ON EFFECTS OF PESTICIDES ...Chemical Carcinogenesis; Experimental Teratology; Microorganisms -nonspecific; Pesticide Toxicity -general; Pesticides -nonspecific; Toxicology; ...4.0646

CONSULTING IN APPLIED MATHEMATICS AND STATISTICS ...Chemical Carcinogenesis; Consultants, Advisory Services; Epidemiology; Mathematical Models; Statistics; ...4.0647

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Air Pollution -see Specifics; Food Contamination; Physiological Effects; Radiation, Low Level; Residues in Foods; Toxicology; Water Pollution -see Specifics; ...4.0658

ANALYSIS OF BIO-ACTIVE CHEMICALS FOR POSSIBLE HAZARDOUS PROPERTIES ...Air Pollution -see Specifics; Chemical Analysis; Insecticides -nonspecific; Preventative Measures; ...4.0672

COMMUNITY STUDY ON PESTICIDES ...Air Pollution -see Specifics; DDT; Methyl Parathion; Occupational Hazards; Parathion; Pesticide Rates -general; Toxicology; ...4.0686

BIOENVIRONMENTAL CONTROL OF COTTON BOLLWORMS ...Biological Control; Fish; Gossypium; Insects - Beneficial; Pesticide Residues; Pesticide Toxicity in Animals; Physical Control; ...4.0694

EVALUATION OF THE ANIMAL AND HUMAN COMPLAINTS FOLLOWING THE SPRAYING OF SILVEX, 2,4,5-T AND 2,4-D IN GLOBE, ARIZONA ...Arizona; Domestic Animals; Liquids Or Sprays; T, 2,4,5-; ...4.0789

DETECTION OF PESTICIDE EXPOSURE - EVALUATION OF BLOOD CHOLINESTERASE VALUES ...Biochemical Analysis - Tissues; Organophosphorous Cpds.; Pesticide Residue Analysis; Toxic Substances; Toxicology; ...4.0811

BLOOD CHOLINESTERASE IN AERIAL APPLICATOR CREWS ...Accident; Occupational Hazards; Organophosphorous Cpds.; Pilots; Toxicology; ...4.0812

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - INTERACTIONS OF ENDRIN AND ANTICONVULSANT DRUGS IN THE CEREBRAL CORTEX OF ANESTHETIZED ANIMALS ...Ceboidea; Endrin; Felidae; Pesticide Action on Animals; Strigiformes; ...4.0813

TOLERANCE TO CHOLINESTERASE INHIBITORS - EFFECTS OF ANTIDOTES ON TOLERANCE AND RECOVERY ...Disulfoton; Muridae; Organophosphorous Cpds.; Pesticide Safety Measures; Physiological Resistance; Toxicology; ...4.0817

RESEARCH ON ARTHROPOD-BORNE DISEASES - II ...Genetic Resistance; Insecticides -nonspecific; Meetings; Physiological Resistance; Sanitation; Toxicology; ...4.0848

EFFECTS OF DIETARY PROTEIN ON THE METABOLISM OF HEPTACHLOR IN THE RAT ...Digestive System - Human; Heptachlor Epoxide; Muridae; Pesticide Tolerance Rate; Toxicology; ...4.0856

MECHANISMS OF INSECTICIDE DEGRADATION ...Animal; Cellular Catabolism-see Degrad; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Toxicology; ...4.0916

WARNING AGENTS FOR TOXIC FUMIGANTS ...Foreign Agriculture; Israel; Pesticide in Food Chains; Pesticide Residues in Feeds; Preventative Measures; ...4.0948

INSECT REPELLENT RESEARCH ...Formulations -nonspecific; Rutgers-612; ...4.0967

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Propargyl Bromide; ...4.0970

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biological Control; Chlorphenamidine; Gardona; Insects - Beneficial; Liquids Or Sprays; Oxthioquinox; Pesticide Phytotoxicity; Wettable Powders; ...4.0981

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination - other; Urine; ...4.0987

BIO-ASSAY OF SMOKE CONDENSATE FROM TOBACCO TREATED WITH AGRICULTURAL CHEMICALS ...Bioassays; Chemical Carcinogenesis; Pesticides -nonspecific; Rodentia - other; Tobacco -cigarettes; ...4.1077

Residues in Foods

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Fishery Development - other; Lake Ontario; Pesticides -see Pesticide; Water Depth, Water Levels; Water Resources Planning; ...2.1876

LIVESTOCK WASTE MANAGEMENT ...Carbamates -nonspecific; Furadan; Organophosphorous Cpds.; Pesticide Residues Removal; Plant; ...3.0134

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation, Estuaries; Fish; Lakes; North Carolina; Pesticide in Food Chains, Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Animal Productivity; Bos; Ecological Effects; Oncorhynchus; Pesticide Action on Animals; Pesticide in Food Chains; Pollution Effects -see Water; ...4.0064

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Fish; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Zea Mays - Field Corn; ...4.0074

REDUCTION OR ELIMINATION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Endrin; Glycine; Pesticide Residues in Feeds; Pesticide Residues Removal; Toxaphene; ...4.0132

ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Brassica Species; Malathion; Parathion; Pesticide Application Rates; Pesticide in Food Chains; Pesticide Residues Removal; ...4.0202

EXTENDING THE MARKET LIFE OF CALIFORNIA CITRUS FRUITS IN FOREIGN MARKETS ...Diphenyl, Economic Losses (or Benefits); Foreign Agriculture; International Economics, Pesticide Tolerance Rate; Retail; ...4.0228

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; DDT, Guthion; Maneb; Methoxychlor; TDE; Toxaphene; ...4.0257

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Apium Species; DDT, Parathion; Pesticide Residues; Pesticide Residues Removal; Temperature - Air; Vegetables; ...4.0266

CONTROL OF POSTHARVEST CHEMICAL RESIDUES IN OR ON CITRUS FRUITS ...Cyclic Organic Cpds. -(1 Or , Pesticide Rates -general; Pesticide Residues Removal; ...4.0275

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus; Cucumis Sativus, Lycopersicum; Pesticide Evaluation; Pesticide Residues; Phaseolus; Planavin T-5; Vegetables; ...4.0292

PESTICIDE RESIDUE CLEARANCE PROGRAM ...Araceae; Captan; Chemical Analysis; Liquids Or Sprays; Pentachlorophenol, Pesticide Residues; ...4.0297

ILLINOIS CONSUMERS' REACTION TO USE OF PEST CONTROL ON AGRICULTURAL PRODUCTS ...Attitudes & Attitude Change; Consumer Attitudes- Pesticides; Demography; Home Economics; Illinois, Pesticide Toxicity in Humans; Pesticides -nonspecific; ...4.0303

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Air Pollution -see Specifics, Beta Particles; Fragaria; Malathion; Pesticide Interaction With Env; Pesticide Residues Removal; X and Gamma Rays; ...4.0308

FATE AND SIGNIFICANCE OF LABELLED PESTICIDES RESIDUES IN RICE ...Carbon; Fungicides -nonspecific; Metabolites From Pesticides; Oryzeae; Phosphorus; Sulfur; ...4.0312

ATOMIC AND NUCLEAR RESEARCH WITH ACCELERATORS ...Attenuation; Fission Products-see Radioact.; Ionizing Radiation -see Rad.; Nuclear Structure; ...4.0320

EFFECTS OF NUTRITIONAL LEVELS ON ORGANOLEPTIC QUALITY OF FRUITS AND VEGETABLES ...Ericaceae; Home Economics; Pesticide Action on Plants; Pesticides -nonspecific; Pyrus Malus; ...4.0336

QUALITY AND NUTRIENT COMPOSITION OF FOODS TREATED WITH PESTICIDES ...Asparagus; Chemical Analysis; Prunus Persica; Zea Mays - Field Corn; ...4.0338

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant; Vegetables; ...4.0348

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum - other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phoedrin; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

REDUCTION OR ELIMINATION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Home Economics; Malathion; Metabolites From Pesticides; Organophosphorous Cpds.; Pesticide Residues Removal; ...4.0376

CONTROL OF POTATO PESTS ...Captan; Difolatan; Fore; Fusarium; Pesticide Application Rates; Pesticide Phytotoxicity; Solanum; Vegetables; ...4.0396

PESTICIDES FLAVOR OF FOODS ...Ddvp; Food Contamination; Fungicides -nonspecific; Home Economics; Insecticides -nonspecific; ...4.0401

BIOASSAY OF PESTICIDE RESIDUES ON PROCESSED FRUITS AND VEGETABLES ...Bioassay; Fungicides -nonspecific; Insecticides -nonspecific; Pesticide in Food Chains; Pesticide Residue Analysis; Vegetables; ...4.0408

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Application Rates; Pesticide Legal Aspects; Pesticide Residues; Population Dynamics -general; Solvents Or Carriers; Supracide; ...4.0417

DEVELOPMENT OF ANALYTICAL METHODOLOGY ...Chloro Phenoxy Acetic; Food Contamination; Metabolites From Pesticides; Para-dichlorobenzene; Polychlorinated Biphenyl Cpds.; Urine; ...4.0421

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Endrin; Methoxychlor; Pesticide Residues Removal; Sus; ...4.0423

REDUCTION OR ELIMINATION IN COMMERCIAL CHANNELS OF PESTICIDE RESIDUES IN FOODS ...Benlate; Food Contamination; Liquids Or Sprays; Maneb; Pesticide Residues Removal; ...4.0424

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant; Solanum; ...4.0435

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl. Adsorption); Chemical Analysis; Cyclic Organic Cpds. -(1 Or ; Diphenamid ; Lycopersicum; Pesticide Organoleptic Prop.; Radioisotopes -nonspecific; Solanum; Vegetables; ...4.0437

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Chlorinated Hydrocarbons; Gallus Domesticus; Pesticide in Food Chains; Pesticide Residues Removal; Solanum; ...4.0440

PESTICIDE RESIDUES IN FOODS - REMOVAL, DEGRADATION, AND ANALYSIS ...Gas Chromatography; Metabolites From Pesticides; Methyl Bromide; Pesticide Residue Analysis; Pesticide Residues Removal; Ultra Violet Radiation; ...4.0450

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan, Liquids Or Sprays; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone; Prunus Domestica; ...4.0455

FOOD CONTAMINATION CONTROL WITH EMPHASIS ON QUALITY AND MARKETABILITY ...Chemical Analysis; Chlorinated Hydrocarbons; Food Contamination; Pesticide Residues Removal; Tissue Accumulation Rates; ...4.0465

EFFECT OF PROCESSING ON SYSTEMIC PESTICIDES IN COFFEE, PINEAPPLE, AND TOMATO ...Bayer Compounds; Chemical Analysis; Food Contamination; Pesticide Action on Plants; Phosphorus and Phosphorus Cpds; Rubiaceae; ...4.0472

USE OF LABELLED PESTICIDES FOR STUDYING TERMINAL PESTICIDES RESIDUES IN CERTAIN TROPICAL PRODUCTS ...Baygon; British Isles; Foreign Agriculture; Metabolites From Pesticides; Methyl Bromide; Radioisotopes -nonspecific; ...4.0493

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Chemical Analysis; D, 2,4-; Environment Accumulation Rates; Pesticide Rates -general; ...4.0526

CHLORINATED HYDROCARBON IN THE LACTATING BOVINE AND EFFECT ON LIPID METABOLISM ...Bos; DDT; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0537

PESTICIDE DEPOSITION IN POULTRY ...Chemical Analysis; DDT; Food Contamination; Laboratory Animals; Pesticide in Food Chains; Pesticide Residues in Feeds; ...4.0538

LIPOLYSIS OF MILK AND OTHER ANIMAL FATS AS INFLUENCED BY PESTICIDE RESIDUES ...DDT; Food Contamination; Parathion; Pesticide Formulation; Pesticide Rates - general; Sevin; ...4.0582

DDT IN EGGS AND POULTRY MEAT ...DDT; Feces; Food Contamination; Gallus Domesticus; Pesticide Action on Animals; Pesticide in Food Chains; ...4.0599

RESPONSES OF DAIRY CATTLE FED FEEDSTUFFS CONTAINING RESIDUES OF CERTAIN AGRICULTURAL CHEMICALS ...Baytex; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Residues; Tissue Accumulation Rates; ...4.0601

PREVENTION AND DISSIPATION OF PESTICIDE RESIDUES IN THE PRODUCTION OF MARKETABLE MILK AND MEAT PRODUCTS ...Bos; DDE; Liquids Or Sprays; Pesticide Residues Removal; TDE; ...4.0610

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Aldrin; DDT; Dieldrin; Endrin; Heptachlor; Lindane; Pesticide Residues Removal; ...4.0617

ACCELERATED REMOVAL OF INSECTICIDE RESIDUES ...Animal Pharmacology; Chemical Analysis; DDT; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0618

EFFECTS OF PESTICIDES ON MICROORGANISMS IMPORTANT TO THE DAIRY INDUSTRY ...Aerobic Bacteria; DDT; Escherichia Coli; Heptachlor Epoxide; Metabolites From Pesticides; Pesticide Toxicity to Microorg; Staphylococcus Aureus; ...4.0623

CARCINOGENESIS BIOASSAY OF PESTICIDES AND OTHER ENVIRONMENTAL AGENTS ...Animal Resistance; Bioassays; Chemical Carcinogenesis; Food Contamination; Muridae; Pesticide Action on Animals; Pesticides -nonspecific; Tumor Pathology; ...4.0624

REMOVAL OF PESTICIDE RESIDUES IN DAIRY PRODUCTS ...DDT; Endrin; Lindane; Methoxychlor; Pesticide Residues Removal; ...4.0625

REMOVAL, IN MARKET CHANNELS, OF INSECTICIDE RESIDUES FROM MILK AND MILK PRODUCTS ...Bacillus Cereus; Chemical Analysis; Food Contamination; Microorganism-see Cell. Catab.; Physical Models; Streptococcus Lactis; ...4.0626

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...Bioassays; DDT; Malathion; Methoxychlor; Muridae; Nutrition; Pesticide in Food Chains; ...4.0634

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

METABOLISM OF PESTICIDES IN CATTLE ...Animal Pests; Bos; Domestic Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; Tissue Accumulation Rates; Urine; ...4.0649

NUTRITIVE CONTENT OF TYPE A SCHOOL LUNCHES ...Home Economics; ...4.0651

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Air Pollution -see Specifics; Food Contamination; Pesticide Toxicity in Humans; Physiological Effects; Radiation, Low Level; Toxicology; Water Pollution -see Specifics; ...4.0658

THE ACCUMULATION AND EXCRETION OF DIELDRIN IN DAIRY HEIFERS AND COWS ...Bos; Dieldrin; Pesticide Residues; Tissue Accumulation Rates; ...4.0666

FACTORS AFFECTING PLACENTAL TRANSFER, METABOLISM AND EXCRETION OF PESTICIDES IN ANIMALS ...Animal Pharmacology; DDT; Laboratory Animals; Pesticide Action on Animals; Pesticide Residues in Feeds; Tissue Accumulation Rates; ...4.0669

FACTORS AFFECTING INSECTICIDE RESIDUES IN MILK ...Bos; Domestic Animals; Metabolites From Pesticides; Pesticide Residues in Feeds; ...4.0671

POTENTIALS FOR REMOVING OR REDUCING PESTICIDE RESIDUES IN FOODS ...Home Economics; Pesticide Residues Removal; Pesticides -nonspecific; ...4.0677

FACTORS INVOLVING PESTICIDES IN MILK PRODUCTS ...Avena Sativa; Chemical Analysis; Gossypium; Pesticide in Food Chains; ...4.0685

FIELD AND LABORATORY INVESTIGATIONS OF INSECTICIDES ...Animal Resistance; Endrin; Pesticide Application Rates; Pesticide Formulation; Triticum; ...4.0757

METABOLIC INTERRELATIONSHIPS AFFECTING NUTRIENT ENERGY REQUIREMENTS OF HUMANS ...Herbicides -nonspecific; Muridae; ...4.0758

INCREASED BODY METABOLISM AND EXCRETION RATE OF PESTICIDE FROM DAIRY COWS ...Bos; DDT; Domestic Animals; Pesticide Action on Animals; Pesticide Residues; Pesticide Residues in Feeds; ...4.0762

TOXICITY AND CARCINOGENICITY OF DIPHENYLAMINE TO MICE ...Diphenylamine; Laboratory Animals; Muridae; Pesticide Formulation; Pyrus Malus; ...4.0763

TOXICOLOGY AND METABOLISM OF UNINTENTIONAL FOOD ADDITIVES ...Caviidae; Food Contamination; Laboratory Animals; Pesticides -other; Toxicology; ...4.0766

FORAGE INSECT INVESTIGATIONS ...Animal Migration; Insecticides -nonspecific; Lotus; Pesticide Evaluation; Population Dynamics -general; Trifolium; Zea Mays - Field Corn; ...4.0768

EFFECT OF PROCESSING PROCEDURE ON MILK PESTICIDE RESIDUES WITH EMPHASIS ON RESIDUE REMOVAL ...Brevibacterium Sp; Cellular Catabolism-see Degrad; DDE; DDT; Geotrichum; Microorganism-see Cell. Catab.; Pesticide Residues Removal; ...4.0769

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Fenac; Gas Chromatography; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; ...4.0770

EGG COMPOSITION, MALATHION RESIDUES, AND MEAT QUALITY OF MALATHION TREATED HENS ...Gallus Domesticus; Home Economics; Laboratory Animals; Malathion; Metabolites From Pesticides; Pesticide Residues; Tissue Accumulation Rates; ...4.0777

QUALITY IN PORK AS INFLUENCED BY CERTAIN PHYSICAL AND CHEMICAL CHARACTERISTICS ...Chemical Analysis; DDT; Pesticide Action on Animals; Pesticide Residues; Sus; Tissue Accumulation Rates; ...4.0797

INFLUENCE OF NUTRITION ON INSECTICIDE RESIDUES IN CHICKENS ...Birds; Dieldrin; Gallus Domesticus; Pesticide Residues; Tissue Accumulation Rates; ...4.0798

EXCRETION OF CHEMOTHERAPEUTIC AGENTS ...Animal Pharmacology; Bacteria -nonspecific; Bos; Pesticide Action on Animals; Pesticide Residues; Plant Resistance; Sulfamethazine; ...4.0802

DIELDRIN TOXICITY IN THE CHICKEN ...Dieldrin; Domestic Animals; Gallus Domesticus; Pesticide Residues in Feeds; Tissue Accumulation Rates; ...4.0803

METABOLIC FATE OF AGRICULTURAL CHEMICALS IN POULTRY ...Carbon; Chemical Analysis; Domestic Animals; Gallus Domesticus; Metabolites From Pesticides; Pesticide Action on Animals; Sevin; ...4.0804

FURADAN INSECTICIDE RESIDUE STUDY WITH DAIRY CATTLE AND CHICKENS ...Furadan; Pesticide in Food Chains; Pesticide Residues in Feeds; Tissue Accumulation Rates; ...4.0806

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - ANALYSIS OF EEG CHANGES INDUCED BY CHRONIC ENDRIN ADMINISTRATION . Chlorinated Hydrocarbons; Endrin; Pesticide Residue Analysis; Toxicology, ...4.0814

ENVIRONMENTAL TOXICOLOGY OF PESTICIDES ...Air Pollution; Contamination - Water; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; ...4.0822

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

BIOCHEMISTRY AND PHYSIOLOGY OF ADIPOSE TISSUE OF MEAT ANIMALS ...Aging; Chemical Analysis; Chlorine; Gamma Spectroscopy; Ovis; Petroleum Cpds. -nonspecific; Sus; ...4.0837

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ...Bos; Domestic Animals; Food Contamination; Lindane; Pesticide Residues; ...4.0849

CHEMICAL RESIDUES IN MILK ...Bos; Domestic Animals; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.0850

INSECTICIDE RESIDUES IN POULTRY AND EGGS ...Biochemical Analysis - Tissues; Chlordan; Food Contamination; Home Economics; Melliagris; Pesticide Residues in Feeds; ...4.0862

TOXIC EFFECTS OF AGRICULTURAL CHEMICALS ON REPRODUCTION IN ANIMALS ...Chemical Mutagenesis; Experimental Teratology; Lethal Mutation; Mammals -nonspecific; Pesticide Formulation; Pesticides -nonspecific; ...4.0867

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN LIVESTOCK AND POULTRY ...Animal Resistance; Bos; Ddvp; Gallus Domesticus; Liquids Or Sprays; Pesticides - other; Ronnel; ...4.0869

LIVESTOCK DETOXICATING MECHANISMS OF PESTICIDES ...Birds; Ciodrin; Domestic Animals; Gallus Domesticus; Ovis; Pesticide Residues Removal; ...4.0870

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chlorcpropylate; DDT; Ethion; Kelthane; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Domestic Animals; Food Contamination; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Residues; Pesticide Residues Removal; ...4.0909

THE EFFECT OF PROCESSING ON THE PESTICIDE CONTENT OF DAIRY PRODUCTS ...Chlordan; Food Contamination; Lactobacillus Sp; Physical Models; Staphylococcus Aureus; Thiodan; ...4.0910

RESIDUES OF SELECTED PESTICIDES ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Mammals -nonspecific; Pesticide Drift; Pesticide Residues; Pesticide Volatility; ...4.0924

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Daucus Species; Dichloropropene; Pesticide Evaluation; Pesticide Residues; ...4.0928

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Citrus; Fragaria; Fruit, Nut, and Berry Crops; Fumigants -nonspecific; Horticultural Crops - general; Lactuca; Pesticide Organoleptic Prop.; Phaseolus; Vegetables; ...4.0929

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Animal; Furadan; Muridae; Pesticide Residues Removal; Plant; ...4.0932

WARNING AGENTS FOR TOXIC FUMIGANTS ...Foreign Agriculture; Israel; Pesticide in Food Chains; Pesticide Residues in Feeds; Pesticide Toxicity in Humans; Preventative Measures; ...4.0948

PESTICIDAL RESIDUES IN FOODS ...Cobalt; Food Contamination; Home Economics; Pesticide in Food Chains; ...4.0951

FUMIGATED WHEATS--VITAMIN CONTENT OF PRODUCTS, BAKING PERFORMANCE OF FLOURS ...Bromine; Home Economics; Methyl Bromide; ...4.0953

CHLORINATED INSECTICIDE RESIDUES IN ANIMAL PRODUCTS AND FEEDS ...Chemical Analysis; Chlorinated Hydrocarbons; Domestic Animals; Insecticides -nonspecific; Pesticide Rates -general; Pesticide Residues; Pesticide Residues in Feeds; ...4.0955

EFFECT OF HERBICIDES ON PROVITAMIN A VALUE OF SELECTED RAW AND COOKED VEGETABLES ...Amino Triazole; Chenopodiaceae; Daucus Species; Muridae; Vegetables; ...4.0957

PHYTOTOXICITY OF MSMA RESIDUES AND ARSENIC CONTENT OF FOODS ...Aluminum; Arsenic; Glycine; Msma; Phaseolus; Soil Chemical Properties; ...4.0960

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Carbamates -nonspecific; DDE; Diazinon; Home Economics; Organophosphorous Cpds.; Pesticide Residues; Physical Degradation; TDE; ...4.0963

EVALUATION OF PESTICIDE RESIDUE PROBLEM IN MONTANA ...Chlordan; Domestic Animals; Heptachlor Epoxide; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; ...4.0964

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Lindane; Methoxychlor; Pesticide Residues; Tissue Accumulation Rates; ...4.0973

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Methoxychlor; Pesticide Residues; Toxaphene; ...4.0976

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Calification -vertebrate; DDT; Dibromoethane; Food Contamination; Malathion; Pesticide Residues; Sevin; Tissue Accumulation Rates; ...4.0989

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Pyrus Malus; Sevin; ...4.0990

EFFECTS OF PESTICIDES USED IN DAIRY INDUSTRY ...Bacterial Morphology; Lactobacillus Sp; Pesticide in Food Chains; Product Development Research; Streptococcus -nonspecific; ...4.0997

ENVIRONMENTAL DECONTAMINATION, ESPECIALLY FOR FEEDSTUFFS AND ASSOCIATED FOODS ...Chemical Analysis; DDT; Food Contamination; Pesticide Residues in Feeds; Trichloroethylene; ...4.1002

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; ...4.1004

AUTOMATED ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Chlorine; Organophosphorous Cpds.; Pesticide Residues; ...4.1005

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Sub - Polar Regions; ...4.1008

DDT RESIDUES IN EGGS AND BODY TISSUES OF HENS ...Chemical Analysis; Food Contamination; Granules, Capsules; Pesticide Action on Animals; Pesticide in Food Chains; ...4.1016

REDUCTION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Monitoring Systems; Pesticide Legal Aspects; Pesticide Residues in Feeds; Pesticide Residues Removal; Preventative Measures; ...4.1017

INSECTICIDE RESIDUES FROM EXPERIMENTAL TREATMENTS TO PREVENT OR CONTROL INSECTS IN STORED PRODUCTS ...Bromine; Chlorine; Food Contamination; Malathion; Pesticide Residues; Piperonyl Butoxide; ...4.1019

ANALYTICAL METHODS FOR PESTICIDES, TIFTON ...Bayer 25141; Carbamates -nonspecific; Chlorinated Hydrocarbons; Fluorine; Gramineae -other; Metabolites From Pesticides; Pesticide Residues; ...4.1021

PSEUDOCHOLINETERASE ACTIVITY AS AFFECTED BY MODERN AGRICULTURAL CHEMICALS ...Bioassay; Carbamates -nonspecific; Chlorinated Hydrocarbons; Food Contamination; Pesticide in Food Chains; Sevin; ...4.1023

MALATHION RESIDUES IN POULTRY MEAT AND EGGS ...Animal; Feces; Malaoxon; Metabolites From Pesticides; Pesticide Residues Removal; ...4.1028

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Water Pollutants - Path of; ...4.1038

METHODS OF ANALYSIS FOR PESTICIDES ...Aroclor; Chemical Analysis; Metabolites From Pesticides; Pesticide Toxicity in Animals; Wildlife Toxicity; ...4.1040

QUALITY FACTORS OF LAKE MICHIGAN COHO SALMON FLESH ...DDE; Dieldrin; Oncorhynchus; Pesticides -see Pesticide; Spawning -see Fish & Shellfish; ...4.1046

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Biodegradation; Home Economics; Pesticide Residue Analysis; Pesticide Residues Removal; ...4.1049

A STUDY OF THE HORTICULTURE SPECIALTY INDUSTRY IN MISSISSIPPI ...Brassica Species; Dacthal; Lycopersicum; Trifluralin; ...4.1053

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Ciodrin; DDT; Ericaceae; Gardens; Metabolites From Pesticides; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant Growth Regulators -ns; ...4.1076

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURE COMMODITIES ...DDT; Fruit, Nut, and Berry Crops; Pesticide in Food Chains; Pesticides -nonspecific; Pyrus Malus; Vegetables; ...4.1081

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES ...D, 2,4-; Pesticide Action on Plants; Pesticide Residue Analysis; Storage Changes; ...4.1094

PHOTOLYSIS OF PESTICIDES ...Chemical Analysis; Food Contamination; Metabolites From Pesticides; Pesticides -nonspecific; Physical Degradation; ...4.1101

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Labiatae; Moraceae; Pesticide Action on Plants; Pisum; Thimet; Zea Mays - Field Corn; ...4.1102

ECONOMIC EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...BHC; Chemical Analysis; Parathion; Pesticide Residues in Feeds; ...4.1110

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Heptachlor; Liquids Or Sprays; Pesticide Residue Analysis; Pesticide Residues in Feeds; Pesticide Toxicity in Animals; TDE; ...4.1114

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD PRODUCTS ...Aldrin; DDT; Parathion; Pesticide Residues in Feeds; ...4.1118

COMPARISON OF NUTRIENTS OF PEANUTS FROM SOILS WITHOUT AND WITH LINDANE TREATMENT ...Arachis; Fruit Analysis; Herbicides and Other Chem; Lindane; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Pesticide Phytotoxicity; ...4.1119

NUTRIENT COMPOSITION OF PEANUTS GROWN ON LINDANE TREATED SOIL ...Arachis; Irrigation; Lindane; Pesticide Evaluation; ...4.1121

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Aldrin; Dieldrin; Gallus Domesticus; Home Economics; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.1126

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOCATIVE MATERIALS ...Absorption (incl. Adsorption); Ion Transport and Elect. Pot.; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Soil Tillage; X and Gamma Rays; ...5.0043

THE ANALYSIS OF NATURAL SYSTEMS ...Absorption (incl. Adsorption); Chlorine; Growth; Mathematical Models; Pesticide in Food Chains; Primary Productivity - Plants; ...5.0082

Residues in Potable Water

FATE OF AQUATIC HERBICIDES IN THE AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; Endothall; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Residues; Potable Water; Water Pollutants - Path of; ...2.0127

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

EFFECTIVENESS OF IODINE FOR DISINFECTION OF PUBLIC WATER SUPPLIES & TO DETERMINE PHYSIOLOGICAL EFFECTS ON A HUMAN POPULATION ...Chemical Treatment (water); Iodine; Physiological Effects; Water Pollution -see Specifics; ...3.0884

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Endrin; Eptam; Filtration, Pesticide Formulation; Pesticide Residues Removal; Ponds; Rural Areas; ...4.0034

Pesticide Toxicity to Microorg

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter ; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ...Acidity (water); Captive Rearing; Contamination - Water; Environmental Influences; Fish Food Organisms; Mollusca; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; ...2.1517

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Pesticide Formulation; Physical Degradation; Soil Chemical Properties; ...4.0019

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Agacides; Pesticide Aquatic Cycling; Photosynthesis; Plant Freshwater Ecology; ...4.0040

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation -see Pesticide Deg; Lake Champlain; Nutrients; Pesticides -see Pesticide; Sediments; Water Bacteria; ...4.0072

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Metabolites From Pesticides; Pesticide Application Rates; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

INFLUENCE OF SELECTED HERBICIDES ON THE NATURAL PROCESSES OF SOIL MICROORGANISMS ...Atrazine; Loam -see Soil Types; Pesticide Application Rates; Soil Microbiology; ...4.0080

LONG-TERM EFFECTS OF DIFFERENT SYSTEMS OF WEED CONTROL IN CROP ROTATIONS ON ECOLOGY AND CROP PRODUCT ...Microorganisms -nonspecific; Pesticide Action on Plants; Pesticide Residue Analysis; Soil Chemical Properties; Soil Microbiology; ...4.0105

EFFECT OF PESTICIDE USAGE ON SOIL MICROFLORA IN AGRONOMIC AND HORTICULTURAL CROPS ...Microorganisms -nonspecific; Pesticide Degradation -see Deg; Pesticide Evaluation; Pesticides -nonspecific; Soil Microbiology; ...4.0133

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0139

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

SUGAR BEET DISEASES ...Amaranthaceae; Cycloate; Pesticide Evaluation; Pesticide Interaction -gen.; Pyrazon; Tillam; ...4.0243

THE ROLE OF RHIZOSPHERE MICROORGANISMS IN THE ACTION OF HERBICIDES ON PLANTS ...Ammonification Or Decay; Fungicides -nonspecific; Insecticides -nonspecific; Nitrification; Pesticide Interaction With Env; Pesticides Compatibility; Rhizosphere; ...4.0468

EFFECT OF PESTICIDES ON MORPHOLOGY AND STRUCTURE OF LACTIC ACID ORGANISMS ...Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Dipterex; Insecticides -nonspecific; Malathion; Pesticides -nonspecific; Streptococcus -nonspecific; ...4.0522

EVALUATION OF THE EFFECT OF PESTICIDES ON THE LIPID CONTENT OF RUMEN BACTERIA ...Bacterial Population Surveys; Biochemical Analysis - Tissues; Pesticide Evaluation; Pesticides -nonspecific; Rumen Bacteria; ...4.0523

EFFECTS OF PESTICIDES ON MICROORGANISMS IMPORTANT TO THE DAIRY INDUSTRY ...Aerobic Bacteria; DDT; Escherichia Coli; Heptachlor Epoxide; Metabolites From Pesticides; Staphylococcus Aureus; ...4.0623

THE EFFECT OF PESTICIDES ON PRIMARY PRODUCERS IN A FRESHWATER ECOSYSTEM (ABBREV.) ...Adenosine Triphosphate; Aroclor; Insecticides -nonspecific; Pesticides -see Pesticide; Phytoplankton; Polychlorinated Biphenyl Cpds.; ...4.0707

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticides -see Pesticide; Population Dynamics -general; Water Pollutants - Path of; ...4.0752

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Cladosporium; Herbicides -nonspecific; Mucor; Penicillium; Tobacco -cigarettes; Toxic Substances; ...4.0800

PESTICIDE RESIDUES ON ARIZONA CROPS ...Air - Water - Plant Relations; DDT; Medicago; Radioisotopes -nonspecific; Toxaphene; ...4.0925

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant; Soil Microbiology; ...4.0943

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; Trifluralin; ...4.0950

EFFECTS OF PESTICIDES USED IN DAIRY INDUSTRY ...Bacterial Morphology; Lactobacillus Sp; Pesticide in Food Chains; Product Development Research; Streptococcus -nonspecific; ...4.0997

Pesticide Usage History

THE INFLUENCE OF PESTICIDES ON MORTALITY RATES OF BIRDS ...Animal Productivity; Birds; Computer Methods -general; Pelecaniformes; Pesticide Residue Analysis; Pesticides -nonspecific; Population Dynamics -general; ...4.0828

CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PESTICIDE MANUFACTURING WASTES ...Bibliography; Canada; Contamination - Water; Literature Search; Pesticide Industry; Pesticides; Pesticides -see Pesticide; ...4.0986

EXPERT, AD HOC COMMITTEES AS A SOURCE OF TECHNICAL ADVICE - DOCTORAL DISSERTATION RESEARCH ...Committee Support; Consumer Attitudes- Pesticides; Pesticides -nonspecific; Scientists & Engineers; Technology - Social Impact; ...4.1135

Pesticide Volatility

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Cotoran; Leaching; Msma; Pesticide Degradation -see Deg; Pesticid. Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Radioisotopes - nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0088

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides - see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam - see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Gossypium; Metabolites From Pesticides; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Piedmont Province; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0174

THE LOSS OF HERBICIDES FROM SOIL ...Adjuvants; Degradation; Planavin; Soil Chemical Properties; ...4.0182

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming - vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming - vegetables; ...4.0272

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Treflan; Vernolate; ...4.0344

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Bioassay; Carbon; IAA; Pesticide Evaluation; Pesticide Interaction With Env; Plant Absorption -other; ...4.0508

RESIDUES OF SELECTED PESTICIDES ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Mammals -nonspecific; Pesticide Drift; Pesticide Residues; ...4.0924

ANALYTICAL METHODS FOR HERBICIDES AND RESIDUES ...Chemical Analysis; Gas Chromatography; Metabolites From Pesticides; Pesticide Residues; Solvents Or Carriers; Temperature - Air; ...4.1027

Pesticides

Acaricide

Acaricides -nonspecific

APPLE INSECTS ...Arachnida; Insecticides -nonspecific; Liquids Or Sprays; Pesticide Evaluation; Population Dynamics -general; Taxonomy -animal; ...4.0209

BIOLOGY AND CONTROL OF INSECT AND OTHER PESTS OF CUT FLOWERS ...Azodrin; Chrysanthemum; Fungicides -nonspecific; Methomyl; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; ...4.0258

CHEMICAL CONTROL OF MITES AFFECTING CITRUS ...Arachnida; Citrus; Pesticide Application Rates; Pesticide Evaluation; Pesticide Phytotoxicity; Pesticides Compatibility; ...4.0262

CHEMICAL CONTROL OF MITES ATTACKING CITRUS ...Arachnida; Citrus; Pesticide Application Rates; Pesticide Evaluation; Pesticide Phytotoxicity; Pesticides Compatibility; ...4.0276

CHEMICAL CONTROL OF ORCHARD INSECTS ...Arachnida; Dusts; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0343

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds -nonspecific; Phosvel; Population Dynamics -general; Torak; ...4.0347

PESTICIDES AND GROWTH REGULATORS FOR FRUIT CROPS ...Concentrates; Economics of Chemical Control; Liquids Or Sprays; Pesticide Phytotoxicity; Prunus Ceracus & P. Avium; Temperature - Air; ...4.0361

PESTICIDE APPLICATION COSTS AND CHEMICALS FOR PEST CONTROL ON FRUIT ...Concentrates; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Application Rates; Petroleum Cpds -nonspecific; ...4.0466

BIOLOGY AND CONTROL OF ARTHROPODS ON APPLES ...Animal Life History Studies; Biological Control; Chlorbenamidine; Monitor; Pesticide Evaluation; Phosalone; ...4.0475

TOXICOLOGICAL EFFECTS OF VARIOUS PESTICIDES AND OTHER AGRICULTURAL CHEMICALS ON LIVESTOCK AND POULTRY ...Diet; Fungicides -nonspecific; Herbicides - nonspecific; Nematocides -nonspecific; Pesticide Residue Analysis, Sus; ...4.0871

CONTROL OF MITES AND INSECTS ON FRUIT TREES ...Arachnida; Bioassay; Chlorphenamidine; Omite; Plictran; ...4.0879

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT AND MITE PESTS OF APPLE ...Arachnida; Biological Control; Gardona; Insects - Beneficial; Phosalone; Torak; ...4.0896

NORTHWEST TREE FRUIT INSECTS ...Arachnida; DDT; Insect Resistance; Invertebrate Physiology; Pesticide Action on Animals; Pesticide Residues; Radiation Sources -general; ...4.0993

TOXICOLOGY OF INSECTICIDES ...Animal; Chlorobenzilate; Ddvp; Diazinon; Herbicides and Other Chem; Pesticide Action on Animals; Plant; Translocation; ...4.1066

Acarol

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Aquifoliaceae; Azodrin; Compositae; Ericaceae; Pesticide Application Rates; Pesticide Phytotoxicity; Supracide; Temperature - Air; ...4.0332

CONTROL OF ORCHARD MITES IN WESTERN NEW YORK ...Arachnida; Demeton; Kelthane; Pcs 1301; Petroleum Cpds. -nonspecific; Trithion; ...4.0414

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Arachnida; Formetanate; Guthion; Imidan; Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

BIOLOGY AND CONTROL OF ARTHROPODS ON APPLES ...Acaricides -nonspecific; Animal Life History Studies; Biological Control; Chlorphenamidine; Monitor; Pesticide Evaluation; Phosalone; ...4.0475

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Animal; Chlorobenzilate; Ddvp; Diazinon; Herbicides and Other Chem; Pesticide Action on Animals; Plant; Translocation; ...4.1066

Aramite

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aldrin; Chemical Analysis; Dieldrin; Methoxychlor; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0592

Azobenzene

MICROBIOLOGY AND BIOCHEMISTRY OF PESTICIDES IN SOIL ...Actinomycetes -nonspecific; Cipc; Fusarium; Pesticide Degradation -see Deg; Propanil; Soil Microbiology; ...4.0117

Bay 93820

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Guthion; Medicago; Nemacur P; Pesticide Application Rates; Pesticide Residues; Phosvel; Sevin; ...4.0759

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

CORN EARWORM CONTROL ...Chlorphenamidine; Methomyl; Pesticide Phytotoxicity; Sevin; Zea Mays - Field Corn; ...4.0898

Kelthane

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Aerosols - Smokes, Fogs, Steam; Climates -general; DDE; Endrin; Monitoring Systems; Pesticide Phytotoxicity; Radioisotopes -nonspecific; ...4.0033

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. -(1 Or ; Fore ; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

CONTROL OF ORCHARD MITES IN WESTERN NEW YORK ...Acarol; Arachnida; Demeton; Pcs 1301; Petroleum Cpds. -nonspecific; Trithion; ...4.0414

METABOLISM OF PESTICIDES BY BEEF CATTLE ...Aldrin; DDT; Feces; Pesticide Action on Animals; Pesticide Safety Measures; TDE; Urea Cpds. -nonspecific; Vertebrate Anatomy; ...4.0645

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates; Arachnida; Biological Control; Chlorinated Hydrocarbons; Dimethoate; Meta - Systox; Pesticide Evaluation; Sevin; ...4.0809

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; DDT; Ethion; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

THE EFFECT OF PROCESSING ON THE PESTICIDE CONTENT OF DAIRY PRODUCTS ...Chlordan; Food Contamination; Lactobacillus Sp; Physical Models; Staphylococcus Aureus; Thiodan; ...4.0910

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biological Control; Chlorphenamidine; Gardona; Insects - Beneficial; Liquids Or Sprays; Oxthioquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

Pcs 1301

CONTROL OF ORCHARD MITES IN WESTERN NEW YORK ...Acarol; Arachnida; Demeton; Kelthane; Petroleum Cpds. -nonspecific; Trithion; ...4.0414

Plictran

CONTROL OF ORCHARD MITES IN WESTERN NEW YORK ...Acarol; Arachnida; Demeton; Kelthane; Pcs 1301; Petroleum Cpds. -nonspecific; Trithion; ...4.0414

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF NUT CROPS ...Animal Life History Studies; Arachnida; C-2307; Guthion; Pesticide Evaluation; ...4.0456

BIOLOGY AND CONTROL OF ARTHROPODS ON APPLES ...Acaricides -nonspecific; Animal Life History Studies; Biological Control; Chlorphenamidine; Monitor; Pesticide Evaluation; Phosalone; ...4.0475

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Torak; UC 34096; ...4.0503

CONTROL OF MITES AND INSECTS ON FRUIT TREES ...Acaricides -nonspecific; Arachnida; Bioassay; Chlorphenamidine; Omite; ...4.0879

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Thimet; ...4.0895

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING STONE FRUITS ...Arachnida; Baygon; Liquids Or Sprays; Pesticide Evaluation; Petroleum Cpds. -nonspecific; Rosaceae; Yeasts -nonspecific; ...4.1128

Adjuvants

Adjuvants

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Persistance in Soils; Plant Resistance; Soil Aeration; Soil Moisture; Temperature - Air; ...4.0091

CHEMICAL RESEARCH ON INSECTICIDES AND THEIR FORMULATIONS ...Abate; Animal Pests; Carriers -non-liquid; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Residue Analysis; Plant; ...4.0146

THE LOSS OF HERBICIDES FROM SOIL ...Degradation; Pesticide Volatility; Planavin; Soil Chemical Properties; ...4.0182

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Bioassay; Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

FACTORS INFLUENCING PLANT RESPONSES TO HERBICIDES ...Biological Control; Herbicides -nonspecific; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Safety Measures; Plant Absorption -other; ...4.0341

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals; Pesticide In-

teraction With Env; Phenols; Soil pH; Stickers; Thuricide; ...4.0969

REDUCTION OF HERBICIDE RESIDUES ...Granules, Capsules; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides - other; ...4.0977

FATE AND PHYSIOLOGICAL EFFECTS OF CHEMOSTERILANTS AND OTHER COMPOUNDS ...Animal Pests; Aziridine Cpds. -nonspecific; Biodegradation; Pesticide Action on Animals; ...4.1095

Aroclor

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...DDT; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticides -see Pesticide; Radioisotopes -nonspecific; Soil Chemical Properties; Soil Organic Content; ...4.0087

THE UPTAKE OF AND BIOLOGICAL RESPONSES TO AROCLORS IN CHANNEL CATFISH ...Fish; Ictalurus Punctatus; Nutrition; Oral; Pesticide Action on Animals; ...4.0695

THE EFFECT OF PESTICIDES ON PRIMARY PRODUCERS IN A FRESHWATER ECOSYSTEM (ABBREV.) ...Adenosine Triphosphate; Insecticides -nonspecific; Pesticides -see Pesticide; Phytoplankton; Polychlorinated Biphenyl Cpds.; ...4.0707

EARLY SQUAMATION OF BLUEGILL (LEPOMIS MACROCHIRUS) AND FATHEAD MINNOWS (PIMEPHALES PROMELAS) EXPOSED TO AROCLORS ...Dyes -nonspecific; Fish; Laboratory Animals; Lepomis Macrochirus; Minnows; Pesticide Action on Animals; ...4.0721

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Dieldrin; Ictalurus Punctatus; Lepomis Macrochirus; Physiological Effects; ...4.0723

CHRONIC TOXICITY OF PESTICIDES TO COLD-WATER FISH ...Animal Pharmacology; Fish; Nutrition; Pesticide Residues; Pesticides -see Pesticide; Shock -animal; ...4.0920

METHODS OF ANALYSIS FOR PESTICIDES ...Chemical Analysis; Metabolites From Pesticides; Pesticide Toxicity in Animals; Wildlife Toxicity; ...4.1040

Dmso

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Gramineae; Growth; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0496

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Chromatography; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Spectrographic Techniques; Surfactants - Wetting Agents; ...4.0502

Pinolene

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; Thiodan; ...4.0219

PRELIMINARY EXPLORATORY RESEARCH AT THE SOUTH FLORIDA FIELD LABORATORY ...Citrullus; Fruit, Nut, and Berry Crops; Fusarium; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; Vegetables; ...4.0273

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds. -nonspecific; Phosvel; Population Dynamics - general; Torak; ...4.0347

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

Algacides

Algacides -nonspecific

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algae - Cyanophyta; Algal Pollutant Sources; Chelation & Complexing; Detergent Builders; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Water Chemistry; Wisconsin; ...2.0441

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Biological; Coatings -see Materials; Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Plastics; Water Distribution Systems; ...2.0977

THE RECOVERY AND CHARACTERIZATION OF AGRICULTURAL CHEMICALS FROM SPENT PULP CHLORINATION LIQUORS ...Ceratocystis; Insecticides -nonspecific; Penicillium; Phenols; Waste Material Recovery; ...4.0058

CHEMICAL CONTROL OF WEEDS IN PONDS ...Biological Control; Dbee, -2,4-; Fish; Haloragaceae; Paraquat; Pesticide Evaluation; Pesticide in Food Chains; Ponds; ...4.0529

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Amiben; Bromacil; Fenac; Gas Chromatography; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; Residues in Foods; ...4.0770

Copper Sulfate

EFFECT OF COPPER SULFATE ON AQUATIC WEEDS ...Alkalinity (water); Canals; Irrigation; Pesticide Application Rates; Pesticide Formulation; Temperature (water); Water Pollution Sources; ...2.0060

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algae - Cyanophyta; Algal Pollutant Sources; Chelation & Complexing; Detergent Builders; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Water Chemistry; Wisconsin; ...2.0441

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1[illegible]4

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Diquat; Farm Pond; Igran; Molluscicides - nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources; Aquatic Soils; Growth; Haloragaceae; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Photoperiodism; Plant Tissue Analysis -chem.; Temperature (water); ...4.0053

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Fish; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Zea Mays - Field Corn; ...4.0074

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdaa; Chemical Analysis; Citrus; D, 2,4-; Gel Chromatography; Naa; Pesticide Residues; Vernolate; ...4.0237

PRODUCTION AND QUALITY OF APPLES IN HIGH DENSITY PLANTINGS USING DWARFING ROOTSTOCKS ...B9; Fruit, Nut, and Berry Crops; Irrigation; Pathological Physiology; Pesticide Phytotoxicity; Phytophthora; Pyrus Malus; ...4.0250

Aliphatic Cpds, N.s.

DEVELOP & IMPLEMENT OPERATIONAL SYSTEM FOR EVALUATING & COLLABORATIVELY TESTING METHODS RECOMMENDED FOR AIR POLLUTION MEASUREMENT (ABBREV) ...Air Pollution; Air Pollution Analysis; Aldehydes - nonspecific; Carbon Monoxide; Lead; Methane; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0843

Antihelminth

Antihelminth

EXPLORATORY STUDY OF LIMITATIONS OF BOD FOR ANIMAL WASTE EVALUATION ...Atomic Absorption; Biochemical Oxygen Demand; Chemical Analysis; Farm Animal Wastes; Pesticide Residues; Sus; Total Organic Carbon; ...2.0712

A STUDY OF THE PESTICIDE RESIDUES AND OF PARASITES IN BIG GAME MAMMALS OF SOUTH DAKOTA ...Animal Pharmacology; Gastropoda; Ovis; Pesticide Evaluation; Pesticides -nonspecific; ...4.0846

CHARACTERIZATION OF CYTOLOGICAL RESPONSES TO TOXICATIONS OF PESTICIDES IN LIVESTOCK ...Birds; Developmental Physiology; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0873

Loxon

BIOLOGICAL METHODS OF CONTROL FOR INTERNAL PARASITES OF LIVESTOCK ...Animal Pharmacology; Chemical Analysis; Genetic Resistance; Immunology; Nematoda; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0555

Antimammal

Antimammal Cpds. -nonspecific

CONTROL METHODS FOR CALIFORNIA GROUND SQUIRRELS ...Baits, Lures; Control of Nuisance Species; Laboratory Animals; Pesticide Evaluation; Sciuridae; ...4.0553

CONTROL METHODS FOR RATS DAMAGING SUGARCANE ...Baits, Lures; Control of Nuisance Species; Muridae; Pesticide Evaluation; Pesticide Safety Measures; ...4.0604

TOXICANTS AND BAITS FOR CONTROLLING NUTRIA IN AGRICULTURAL AREAS ...Baits, Lures; Bioassay; Control of Nuisance Species; Laboratory Animals; Pesticide Evaluation; Rodentia -other; Spawn Or Nesting Sites; ...4.0627

Arsenic Acid

CHEMICAL INVESTIGATION OF SURFACE CONTAMINATION OF COTTON FIBERS ...Arsenic; Chemical Analysis; Defoliants; Fibers; Gossypium; Impurity; ...4.0474

HARVEST-AID CHEMICAL RESIDUES IN COTTONSEED ...Absorption (incl. Adsorption); Chemical Analysis; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Residues; Plant Absorption -other; Translocation; ...4.1120

Dicumarol

SWEET CLOVER TOXICITY AND CHEMICAL AND PHYSIOLOGICAL STUDIES ON DICUMAROL AND WARFARIN ...Animal Pharmacology; Chemical Analysis; Laboratory Animals; Muridae; Pesticide Action on Animals; Warfarin; ...4.0996

Diphacin

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Fish; Fungicides -nonspecific; Mammals; Metal Organics -nonspecific; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0566

Warfarin

SWEET CLOVER TOXICITY AND CHEMICAL AND PHYSIOLOGICAL STUDIES ON DICUMAROL AND WARFARIN ...Animal Pharmacology; Chemical Analysis; Laboratory Animals; Muridae; Pesticide Action on Animals; ...4.0996

Antiprotozoal

Amprolium

FEEDING BROILER LITTER TO DAIRY REPLACEMENT HEIFERS ...Bos; Ovis; ...3.0376

Arsenicals -nonspecific

TURFGRASS WEED CONTROL ...Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

ARSENIC STUDIES WITH BLUEBERRIES AND POTATOES ...Arsenic; Ericaceae; Plant Absorption -other; Sandy Soils -see Soil Type; Solanum; ...4.0335

RESEARCH IN METHODS FOR TESTING ECONOMIC POISONS, FEEDS FERTILIZERS AND LIMING MATERIALS ...Aliphatic Carbamates; Chemical Analysis; Organophosphorous Cpds.; Soil Analysis; Solanum; ...4.0400

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

Avicide

Avicides -nonspecific

TOXIC CHEMICALS FOR ALLEVIATING BIRD PROBLEMS ...Anseriformes; Control of Nuisance Species; Laboratory Animals; Passeriformes; Pesticide Action on Animals; Pheasant; ...4.0579

Avitrol 200

DETERMINE THE EFFECTS OF 4-AMINO-PYRIDINE (DRC-1327, AVITROL 200) ON PEN-REARED PHEASANTS ...Baits, Lures; Captive Rearing; Laboratory Animals; Pheasant; ...4.0801

Bactericides

Bactericides -nonspecific

AIR STERILIZATION ...Aerosols - Smokes, Fogs, Steam; Air Purification; Food Contamination; General Sanitation Methods; Microorganism-see Cell. Catab.; Salmonella -nonspecific & -ot.; Sterilization; ...1.0066

THE RECOVERY AND CHARACTERIZATION OF AGRICULTURAL CHEMICALS FROM SPENT PULP CHLORINATION LIQUORS ...Algacides -nonspecific; Ceratocystis; Insecticides -nonspecific; Penicillium; Phenols; Waste Material Recovery; ...4.0058

ECOLOGICAL RECORDS ON ELGIN AFB RESERVATION ...Florida; Liquids Or Sprays; Pesticide Application Equip.; Plant Biomes; ...4.0269

Hexachlorophene

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Fenac; Gas Chromatography; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; Residues in Foods; ...4.0770

METABOLISM OF HEXACHLOROPHENE, A POTENTIAL INTOXICANT ...Canidae; Carbon; Disinfection; Feces; Muridae; Toxicology; Urine; ...4.0818

Mylone

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganism-see Cell. Catab.; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

Sulfamethazine

EXCRETION OF CHEMOTHERAPEUTIC AGENTS ...Animal Pharmacology; Bacteria -nonspecific; Bos; Pesticide Action on Animals; Pesticide Residues; Plant Resistance; Residues in Foods; ...4.0802

Bayer Compounds

EFFECT OF PROCESSING ON SYSTEMIC PESTICIDES IN COFFEE, PINEAPPLE, AND TOMATO ...Chemical Analysis; Food Contamination; Pesticide Action on Plants; Phosphorus and Phosphorus Cpds; Rubiaceae; ...4.0472

Carbamates -nonspecific

ENZYME SYSTEMS OF ESTUARINE ORGANISMS ...Bioassay; Contamination - Water; Fish; Invertebrate Physiology; Organophosphorous Cpds.; Pesticides -see Pesticide; Wildlife Toxicity; ...2.0546

QUANTITATIVE METHODS FOR PESTICIDES IN NATURAL WATERS ...Chemical Analysis; Organophosphorous Cpds.; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Turbidity (water); ...2.0757

LIVESTOCK WASTE MANAGEMENT ...Furadan; Organophosphorous Cpds.; Pesticide Residues Removal; Plant; Residues in Foods; ...3.0134

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers; Or-

ganophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Fertilizers; Land Use; Monitoring Systems; Nutrients; Pesticides -see Pesticide; Soil Analysis; ...4.0056

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

THE INFLUENCE OF CULTURAL PRACTICE COMBINATIONS ON THE YIELD AND QUALITY OF COTTON ...Insecticides - nonspecific; Pesticide Action on Plants, Petroleum Cpds. -nonspecific; Soil Fertility; ...4.0214

PESTICIDE RESIDUES IN PLANTS ANIMALS AND SOILS ...Carbon; Fungicides -nonspecific; Pesticide Phytotoxicity; Pesticide Residue Analysis; Sulfur; ...4.0298

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant; Residues in Foods; Vegetables; ...4.0348

PESTICIDE INTERACTIONS - INFLUENCE ON PLANT GROWTH AND MECHANISMS OF TOXICITY AND DETOXICATION ...Pesticide Action on Plants; Pesticide Phytotoxicity; Temperature - Air; Urea Cpds. -nonspecific; ...4.0427

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; DDT; Methomyl; Nicotiana; Pesticide Application Equip ; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0429

MICROANALYSIS TECHNIQUE TO DETECT HERBICIDES AND THEIR DEGRADATION ...Atrazine; Chemical Analysis; D, 2,4-; Pesticide Action on Plants; Plant; ...4.0460

AGRICULTURAL BIOLOGY ...Fungicides -nonspecific; Gossypium; Granules, Capsules; Insecticides -nonspecific; Nematocides - nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales; Verticillium; ...4.0480

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Chemical Analysis; Gallus Domesticus; Laboratory Animals; Mammals -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0548

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; DDT; Difolatan; Laboratory Animals; Methoxychlor; Muridae; Pesticide Persistance in Soils; Phaltan; ...4.0556

METABOLISM AND DEPOSITION OF INSECTICIDES IN FOWL ...Domestic Animals; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Action on Animals; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0606

EFFECT OF PESTICIDES ON ENZYME SYSTEMS ...Aldrin; Chlordan; Fungicides -nonspecific; Herbicides -nonspecific; Pesticide Action on Animals; ...4.0629

SCREENING PESTICIDES FOR TERATOGENIC EFFECTS ON GAMBUSIA. TOXICITY OF PESTICIDES TO FRESHWATER FISHES ...Fish; Fungicides -nonspecific; Herbicides -nonspecific; Pesticide Action on Animals; Poecilid; Polychlorinated Biphenyl Cpds ; ...4.0696

RESPIRATION RATES OF FISH-FOOD INVERTEBRATES EXPOSED TO PESTICIDES ...Contamination - Water; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticides -see Pesticide; ...4.0738

THE EVALUATION OF CARBAMATE-INDUCED ANTICHOLINESTERASE EFFECTS IN THE FETUS ...Carbamates -see Pesticides; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Mammals -nonspecific; Pesticide Action on Animals; Toxicology; ...4.0784

THE TOXICOLOGICAL ACTION OF ORGANOPHOSPHATES AND CARBAMATES ...Air Pollution -see Specifics; Chemical Carcinogenesis; Experimental Teratology; Laboratory Animals; Muridae; Pesticide Action on Animals; Sevin; ...4.0881

ACTION MECHANISMS OF INSECTICIDAL DERIVATIVES ...Animal; DDT; Fungi -nonspecific; Muridae; Pesticide Action on Animals; Physiological Resistance; ...4.0915

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Animal; Furadan; Muridae; Pesticide Residues Removal; Plant; Residues in Foods; ...4.0932

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Paraoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...DDE; Diazinon; Home Economics; Organophosphorous Cpds.; Pesticide Residues; Physical Degradation; TDE; ...4.0963

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bioassay; Carbon; Developmental Physiology; Genetic Resistance; Hydrogen; Organophosphorous Cpds.; Pesticide Action on Plants; Pyrethrum; ...4.0999

ANALYTICAL METHODS FOR PESTICIDES, TIFTON ...Bayer 25141; Chlorinated Hydrocarbons; Fluorine; Gramineae -other; Metabolites From Pesticides; Pesticide Residues; ...4.1021

PSEUDOCHOLINETERASE ACTIVITY AS AFFECTED BY MODERN AGRICULTURAL CHEMICALS ...Bioassay; Chlorinated Hydrocarbons; Food Contamination; Pesticide in Food Chains; Sevin; ...4.1023

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana, Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

METHODS OF ANALYSIS FOR PESTICIDES ...Aroclor; Chemical Analysis; Metabolites From Pesticides; Pesticide Toxicity in Animals; Wildlife Toxicity; ...4.1040

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Chenopodiaceae; Chlorinated Hydrocarbons; Insecticides -nonspecific; Organophosphorous Cpds.; Plant; Rhizosphere; Soil Microbiology; Trifolium; ...4.1043

PESTICIDE RESIDUES IN ENVIRONMENT AND EFFECTS ON MARKETING AGRICULTURAL COMMODITIES ...Agricultural Economics; Consumer Attitudes- Pesticides; Demeton; Medicago; Organophosphorous Cpds.; Pesticide Residues; Pesticides -nonspecific; ...4.1071

PEPTIDE HYDROLASES IN PESTICIDE METABOLISM BY PLANTS ...Glycine; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Evaluation; Plant; Thiocarbamate -nonspecific; Urea Cpds. -nonspecific; ...4.1093

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Chlorinated Hydrocarbons; Herbicides and Other Chem; Organophosphorous Cpds.; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; ...4.1133

Chemagro Compounds

CONTROL OF NEMATODES IN NURSERIES AND ON PLANT MATERIALS ...Aliphatic Carbamates; Methomyl; Nematoda; Pesticide Evaluation; Pesticides -other; V-c 13; ...4.0239

CONTROL OF POTATO PESTS ...Captan; Difolatan; Fore; Fusarium; Pesticide Application Rates; Pesticide Phytotoxicity; Residues in Foods; Solanum; Vegetables; ...4.0396

Chlorinated Hydrocarbons

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

THE FACTOR CONTROLLING THE DYNAMICS OF NONIONIC SYNTHETIC ORGANIC CHEMICALS IN AQUATIC ENVIRONMENTS ...Adsorption; Aquatic Soils; Lakes; Pesticide Aquatic Cycling, Primary Productivity - Plants; Soil Chemical Properties; Water Chemistry; ...2.0140

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water); Alkalinity (water); Chemical Water Properties; Drainage; Drainage Engineering, Mineralogical Water Properties; Pesticide Residues; Phosphorus and Phosphorus Cpds; Zea Mays - Field Corn; ...2.0149

LIMNOLOGICAL FACTORS AFFECTING PESTICIDE RESIDUES IN SURFACE WATERS ...Agricultural Runoff; Chemical Water Properties; Eutrophication; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reservoirs and Impoundments; ...2.0150

ORGANIC SUBSTANCES IN WATER ...Analysis and Detection; Chemical Analysis (water); Distillation; Herbicides -nonspecific; Organic Matter; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0496

SYNERGISTIC EFFECTS OF SUB-LETHAL POLLUTION ON THE DEVELOPMENT OF SELECTED WARM-TEMPERATE AND SUB-TROPICAL FISHES AND CRUSTACEANS ...Captive

Rearing; Contamination - Water; Fish; Salinity (water); Temperature (water); ...2.1524

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Carbon; Chemical Analysis (water); DDT; Paraquat; Pesticide Residues; Planavin; Soil Chemical Properties; Water Pollutant Identification; ...4.0016

EFFLUENT INFLUENCES OF THE MISSISSIPPI RIVER ON THE CHEMISTRY AND BIOLOGY OF ADJACENT OCEAN SYSTEMS ...Chemical Analysis (water); Effluents - Waste Water; Marine Pollution; Pesticides -see Pesticide; ...4.0022

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...DDT; Northeast U. S.; Pesticide Residues; Preventative Measures; Sediments; Water Pollutant Identification; Water Quality Control -general; Water Wells; ...4.0037

MECHANISMS OF PESTICIDE ACCUMULATION IN AQUATIC ORGANISMS ...Animal Pests; Biological Effects; Insecticides - nonspecific; Pesticide in Food Chains; Plant Absorption -other; Pollution Effects -see Water; ...4.0039

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

DEVELOPMENT OF FIELD METHODS IN SAMPLING WATER FOR PESTICIDE ANALYSIS ...Chemical Analysis; Chemical Extraction; Chlorine; Membranes; Pesticides -see Pesticide; Plastics; Water Chemistry; ...4.0049

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

INSECTICIDE DECONTAMINATION OF COLORADO SOILS BY UTILIZATION OF ANIMAL WASTES ...Contamination - Soil; Insecticides -nonspecific; Microorganisms -nonspecific; Pesticide Persistance in Soils; Pesticide Residues Removal; Soil Microbiology; ...4.0092

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Dieldrin; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

INTERACTION OF HERBICIDES AND SOIL MICROORGANISMS ...Degradation -see Pesticide Deg; Microorganisms -nonspecific; Pesticide Persistance in Soils; Pesticide Residues Removal; Soil Aeration; Soil Microbiology; ...4.0153

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

AN INVESTIGATION OF THE EFFECTS OF DDT AND OTHER CHLORINATED HYDROCARBONS ON THE GROWTH OF EURYHALINE MICROALGAE ...Algae -nonspecific; Metabolism of Algacides; Pesticide Formulation; Physiological Effects; ...4.0337

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant; Residues in Foods; Vegetables; ...4.0348

ECOLOGY AND METABOLISM OF PESTICIDES BY SOIL MICROORGANISMS ...Microorganism-see Cell. Catab.; Microorganisms -nonspecific; Pesticide Degradation -see Deg. Soil Microbiology; ...4.0365

RESEARCH IN METHODS FOR TESTING ECONOMIC POISONS, FEEDS FERTILIZERS AND LIMING MATERIALS ...Aliphatic Carbamates; Chemical Analysis; Organophosphorous Cpds.; Soil Analysis; Solanum; ...4.0400

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0429

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant; Solanum; ...4.0435

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Gallus Domesticus; Pesticide in Food Chains; Pesticide Residues Removal; Solanum; ...4.0440

FOOD CONTAMINATION CONTROL WITH EMPHASIS ON QUALITY AND MARKETABILITY ...Chemical Analysis; Food Contamination; Pesticide Residues Removal; Residues in Foods; Tissue Accumulation Rates; ...4.0465

DDT AND OTHER CHLORINATED HYDROCARBONS AND EGG SHELL QUALITY ...Birds; DDT; Gallus Domesticus; Melliagris; Pesticide Action on Animals; Pesticide Residues in Feeds; Quail; ...4.0597

INTERACTIONS OF PESTICIDES, DRUGS AND OTHER CHEMICALS ...Bioassay; Environmental Effects - Human; Muridae; Pesticide Action on Animals; Pesticide Rates -general; Quail; ...4.0613

TOXICOLOGICAL STUDIES WITH JAPANESE QUAIL ...Animal Resistance; Bioassay; Laboratory Animals; Organophosphorous Cpds.; Pesticide Action on Animals; Quail; ...4.0628

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...DDT; Food Contamination; Laboratory Animals; Lindane; Methoxychlor; Muridae; ...4.0635

LOSS OF BODY FAT AND RESPONSE TO INSECTICIDE RESIDUES ...Laboratory Animals; Metabolism & Metab. Diseases; Muridae; Pesticide Action on Animals; Toxicology; ...4.0639

METABOLISM OF PESTICIDES IN CATTLE ...Animal Pests; Bos; Domestic Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; Tissue Accumulation Rates; Urine; ...4.0649

BIOCHEMICAL AND PHYSIOLOGIC RESPONSE TO TOXIC STRESS ...Cellular Metabolism - Controls; Environmental Effects - Human; Insecticides -nonspecific; Muridae; Pesticide Action on Animals; Toxic Substances; ...4.0657

MAGNITUDE AND NATURE OF POLYCHLORINATED BIPHENYLS IN COHO SALMON ...Chemical Analysis; DDT; Lake Michigan; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0674

MODE OF ACTION OF INSECTICIDES AS RELATED TO INSECT METABOLISM AND BEHAVIOR ...Animal Resistance; Chlordan; DDT; Fish; Pesticide Application Rates; Pyrethrum; Salvelinus; ...4.0682

NERVE IMPULSE TRANSMISSION CHARACTERISTICS OF ISOLATED FISH-NERVE PREPARATIONS PERFUSED WITH PHYSIOLOGICAL LEVELS OF SELECTED PESTICIDES ...Cichlidae; Ictaluridae; Pesticide Action on Animals; Pesticides - see Pesticide; Salmonidae; Water Pollution Effects; ...4.0699

72-HR THYROIDAL I125 UPTAKE IN IMMATURE CHANNEL CATFISH FOLLOWING EXPOSURE TO 5 DOSES OF SELECTED TOXICANTS (ABBREV.) ...Ictalurus Punctatus; Iodine; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0700

INFLUENCE OF PROTOZOAN ACTIVITY ON HALOGENATED HYDROCARBON RESIDUES - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Aquatic Ecology - Animal; Biodegradation; Fresh Water; Invertebrate Physiology; Pesticides -see Pesticide; Protozoa; ...4.0706

DDT AND DIFLDRIN METABOLISM AND STORAGE BY CHINOOK SALMON UNDER LABORATORY CONDITIONS ...DDT; Dieldrin; Laboratory Animals; ...4.0729

TOXICITY OF POLYCHLOROBIPHENYL (PCB) COMPOUNDS TO FRESHWATER INVERTEBRATES ...Bioassay; Circulation (water); Invertebrates -nonspecific; Pesticide Toxicity in Animals; Temperature (water); ...4.0735

RESPIRATION RATES OF FISH-FOOD INVERTEBRATES EXPOSED TO PESTICIDES ...Carbamates -nonspecific; Contamination - Water; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticides -see Pesticide; ...4.0738

EFFECTS OF CHEMICAL POLLUTANTS ON AVIAN REPRODUCTION ...Birds; Calification -vertebrate; Dove; Nutrition; Pesticide Action on Animals; Pesticide in Food Chains; ...4.0767

MECHANISMS OF INSECTICIDAL ACTION ...Animal Pharmacology; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; ...4.0772

COLLABORATIVE RESEARCH IN ENZYME INDUCTION BY CHLORINATED HYDROCARBONS IN BIRDS - ITS ECOLOGICAL SIGNIFICANCE ...Air Pollution -see Specifics; Animal Productivity; Bioassay; Calification -vertebrate; Falconiformes; Pesticide Action on Animals; Pigeon; ...4.0780

THE INFLUENCE OF ENVIRONMENTAL AGENTS ON THE GENESIS OF RIBOSOMES IN MAMMALIAN CELLS ...Cellular Biosynthesis; Cellular Physiology- Env. Eff.; Environmental Effects - Human; Kinetics; Laboratory Animals; Pesticide Action on Animals; ...4.0783

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates; Arachnida; Biological Control; Dimethoate; Meta - Systox; Pesticide Evaluation; Sevin; ...4.0809

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - ANALYSIS OF EEG CHANGES INDUCED BY CHRONIC ENDRIN ADMINISTRATION ...Endrin; Pesticide Residue Analysis; Residues in Foods; Toxicology; ...4.0814

BIOCHEMISTRY AND PHYSIOLOGY OF ADIPOSE TISSUE OF MEAT ANIMALS ...Aging; Chemical Analysis; Chlorine; Gamma Spectroscopy; Ovis; Petroleum Cpds. -nonspecific; Sus; ...4.0837

PESTICIDE MONITORING ...Captive Rearing; Chemical Analysis; Fish; Fish Food Supply -other; Gas Chromatography; Monitoring Systems; Pesticides -see Pesticide; ...4.0892

ACTION MECHANISMS OF INSECTICIDAL DERIVATIVES ...Animal; Carbamates -nonspecific; DDT; Fungi -nonspecific; Muridae; Pesticide Action on Animals; Physiological Resistance; ...4.0915

INFLUENCE OF PESTICIDAL CHLORINATED HYDROCARBONS ON ADAPTATION MECHANISM IN POULTRY ...DDT; Domestic Animals; Foreign Agriculture; Gallus Domesticus; Yugoslavia; ...4.0921

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Paraoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

PESTICIDE RESIDUES IN MARKETING CHANNELS ...Column Chromatography; Gas Chromatography; Insect Resistance; Insecticides -nonspecific; Organophosphorous Cpds.; Zea Mays - Field Corn; ...4.0949

CHLORINATED INSECTICIDE RESIDUES IN ANIMAL PRODUCTS AND FEEDS ...Chemical Analysis; Domestic Animals; Insecticides -nonspecific; Pesticide Rules -general; Pesticide Residues; Pesticide Residues in Feeds; Residues in Foods; ...4.0955

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

AUTOMATED ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Chlorine; Organophosphorous Cpds.; Pesticide Residues; Residues in Foods; ...4.1005

PESTICIDES AND WILDLIFE ...Animal; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

CHEMICAL ANALYSES ...Chemical Analysis (water); Contamination - Water; Estuaries; Invertebrate Physiology; Metabolism of Algacides; Pesticide in Food Chains; Pollution Effects -see Water; ...4.1015

ANALYTICAL METHODS FOR PESTICIDES, TIFTON ...Bayer 25141; Carbamates -nonspecific; Fluorine; Gramineae -other; Metabolites From Pesticides; Pesticide Residues; ...4.1021

PSEUDOCHOLINETERASE ACTIVITY AS AFFECTED BY MODERN AGRICULTURAL CHEMICALS ...Bioassay; Carbamates -nonspecific; Food Contamination; Pesticide in Food Chains; Sevin; ...4.1023

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chenopodiaceae; Insecticides -nonspecific; Organophosphorous Cpds.; Plant; Rhizosphere; Soil Microbiology; Trifolium; ...4.1043

EVALUATION OF NATURALLY OCCURRING HALOGENATED COMPOUNDS AS POSSIBLE INTERFERENCES IN PESTICIDE RESIDUE ANALYSIS ...Chemical Analysis; Chlorine; Gas Chromatography; Infrared Spectroscopy; Polychlorinated Biphenyl Cpds.; Thin Layer Chromatography; ...4.1059

ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Metabolites From Pesticides; Organophosphorous Cpds.; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; ...4.1063

MISCELLANEOUS CHEMICAL INVESTIGATIONS ...Chemical Analysis; Cirsium; Electrochemistry; Insecticides -nonspecific; Pesticide Evaluation; ...4.1067

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Carbamates -nonspecific; Herbicides and Other Chem; Organophosphorous Cpds.; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; ...4.1133

Cyclodiene Cpds. -nonspecific

MICROBIAL DEGRADATION OF PESTICIDES ...Bacilli -nonspecific; Dieldrin; Microorganism-see Cell. Catab.; Pesticide Persistance in Soils; Pseudomonas; ...4.0198

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Disulfoton; Dyphonate; Gardona; Methomyl; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

EPOXIDATION OF CYCLODIENE PESTICIDES BY SOIL BACTERIA ...Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Bacteria; Texas; ...4.0486

A TISSUE ENZYME ASSAY FOR CHLORINATED HYDROCARBON INSECTICIDES ...Animal; Bioassays; Lepomis Macrochirus; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0681

THE STEREOCHEMISTRY OF THE POLYCYCLODIENE PESTICIDES ...Chemical Analysis; Environment Accumulation Rates; ...4.0793

Defoliants

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

CHEMICAL INVESTIGATION OF SURFACE CONTAMINATION OF COTTON FIBERS ...Arsenic; Chemical Analysis; Fibers; Gossypium; Impurity; ...4.0474

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; DDT; Difolatan; Laboratory Animals; Methoxychlor; Muridae; Pesticide Persistance in Soils; Phaltan; ...4.0556

EFFECTS OF AERIALLY DELIVERED DEFOLIANTS AND INSECTICIDES ...Insecticides -nonspecific; Pesticide Action on Plants; Pesticide Residues; ...4.0938

Disinfectants & Antiseptics

Bromodine

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Emulsifiers; Forturf; Fusarium; Morven; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

Disinfectants & Antiseptics Ns

LIVESTOCK FARMSTEAD WATER SYSTEMS ...Chemical Treatment (water); Farm Structures & Design; Flow Characteristics (water); Mathematical Models; Pumps; Water Distribution Systems; Water Utilization -general; ...2.0901

STUDIES TO PROVIDE DATA CONCERNING THE EFFECTIVENESS STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Disinfectants; Field Water Purification; Stability; Tropical Regions; ...2.0910

STUDIES CONCERNING THE EFFECTIVENESS, STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Biochemical Analysis - Tissues; Field Water Purification; Pesticide Evaluation; Sanitation; Viral Pollutant Sources; ...2.0929

EVALUATE PERFORMANCE OF POULTRY AS AFFECTED BY WATER QUALITY ...Biological Effects; Chlorine; Filtration; Nutrition; Ponds; Water Utilization -animal; West Virginia; ...2.1774

Morven

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Fortur; Fusarium; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0886

Fumigant

Calcium Cyanide

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

Carbon Tetrachloride

MECHANISM OF ACTION OF HALOGENATED HYDROCARBON FUMIGANTS ON ANIMALS ...Birds; Dibromoethane; Foreign Agriculture; Israel; Muridae; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0621

Cbp

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN ...Fish; Marine Pollution; Pacific Ocean; Polychlorinated Biphenyl Cpds.; Water Standards & Baselines; ...2.1191

Fumigants -nonspecific

A STUDY OF PLANTS GROWING IN POLLUTED ATMOSPHERES ...Air Pollution -see Specifics; Gases; Growth; Plant Pathology - Env. Relat.; ...1.0364

IMPACT OF AIR POLLUTANTS ON ECOSYSTEMS ...Air Pollution; Air Pollution -see Specifics; Air Pollution Monitoring; Bioindicators; Great Salt Lake; Plant Succession; Reproductive Physiology; ...1.0429

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

SOIL FUMIGANT CHEMICALS AND THEIR EFFECTS ON SOIL MICROFLORA ...Bacteria -nonspecific; Nematoda; Pesticide Phytotoxicity; Plant Pathogenetic Fungi; Soil Depth; Soil Microbiology; Soil Moisture; ...4.0107

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Cynodon; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Solanum; Vitaceae; ...4.0191

CHEMICAL CONTROL OF SOIL FUNGI, NEMATODES, AND WEEDS AFFECTING WATERMELONS ...Citrullus; Nematoda; Pesticide Evaluation; Pesticides -other; Pythium; Soil Fungi -nonspecific; ...4.0280

INVESTIGATIONS OF MINT DISEASES ...Benlate; Labiatae; Pesticide Evaluation; Solanum; Verticillium; ...4.0359

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Citrus; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops -general; Lactuca; Pesticide Organoleptic Prop.; Phaseolus; Residues in Foods; Vegetables; ...4.0929

Hydrogen Fluoride

CYTOGENETIC EFFECTS OF HYDROGEN FLUORIDE ON CORN ...Chemical Mutagenesis; Industrial Pollution -general; Pesticide Action on Plants; Pollens -see Air Pollution; Zea Mays - Field Corn; ...4.0051

Methyl Bromide

DETECTION AND DETERMINATION OF FUNGICIDES, BACTERICIDES, AND CHEMOTHERAPEUTIC AGENTS ...Benlate; Bioassay; Butylamine; Catalysis; Degradation; Sandy Soils -see Soil Type; TBZ; ...4.0238

PESTICIDE RESIDUES IN FOODS - REMOVAL, DEGRADATION, AND ANALYSIS ...Gas Chromatography; Metabolites From Pesticides; Pesticide Residue Analysis; Pesticide Residues Removal; Residues in Foods; Ultra Violet Radiation; ...4.0450

TOBACCO PLANT BED MANAGEMENT RESEARCH ...Diphenamid; Nematoda; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0477

USE OF LABELLED PESTICIDES FOR STUDYING TERMINAL PESTICIDES RESIDUES IN CERTAIN TROPICAL PRODUCTS ...Baygon; British Isles; Foreign Agriculture; Metabolites From Pesticides; Radioisotopes -nonspecific; Residues in Foods; ...4.0493

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

WARNING AGENTS FOR TOXIC FUMIGANTS ...Foreign Agriculture; Israel; Pesticide in Food Chains; Pesticide Residues in Feeds; Pesticide Toxicity in Humans; Preventative Measures; ...4.0948

FUMIGATED WHEATS--VITAMIN CONTENT OF PRODUCTS, BAKING PERFORMANCE OF FLOURS ...Bromine; Home Economics; Residues in Foods; ...4.0953

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganisms-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

BROMIDE RESIDUES AND THYROID FUNCTION ...Bromine; Iodine; Laboratory Animals; Muridae; Pesticide Residues in Feeds; Toxicology; ...4.1039

Sulfur Dioxide

BREEDING TREES RESISTANT TO AIR POLLUTANTS ...Air Pollution -see Specifics; Ornamentals; Pinus Sylvestris; Plant Resistance; Plant Response to Env. -ns; Pollutant Resistance; Soil Environment -other; ...1.0417

Fumigant, Nematocide

Dibromoethane

NEMATOCIDES AND POTENTIAL NEMATOCIDAL CHEMICALS RESIDUES IN PLANTS AND DIFFUSION IN SOIL ...Aliphatic Carbamates; Dichloropropene; Nemagon; Nematoda; Pesticide Persistance in Soils; ...4.0145

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

MECHANISM OF ACTION OF HALOGENATED HYDROCARBON FUMIGANTS ON ANIMALS ...Birds; Foreign Agriculture; Israel; Muridae; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0621

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Daucus Species; Dichloropropene; Pesticide Evaluation; Pesticide Residues; Residues in Foods; ...4.0928

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Calification -vertebrate; DDT; Food Contamination; Malathion; Pesticide Residues; Sevin; Tissue Accumulation Rates; ...4.0989

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

Nemagon

NEMATOCIDES AND POTENTIAL NEMATOCIDAL CHEMICALS RESIDUES IN PLANTS AND DIFFUSION IN SOIL ...Aliphatic Carbamates; Dichloropropene; Nematoda; Pesticide Persistance in Soils; ...4.0145

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

EFFECT OF SELECTED PESTICIDES ON NUTRITIVE COMPOSITION OF FRUITS AND VEGETABLES ...Daucus Species; Dd; Herbicides and Other Chem; Pesticide Organoleptic Prop.; Triazines -nonspecific; ...4.0496

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Daucus Species; Dichloropropene; Pesticide Evaluation; Pesticide Residues; Residues in Foods; ...4.0928

Propargyl Bromide

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; ...4.0970

Fungicides

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Forturf; Fusarium; Morven; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

Benlate

MECHANISM OF ACTION AND METABOLIC FATE OF FUNGICIDES ...Absorption (incl. Adsorption); Dupont 1991; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Residues; Plant Absorption -other; ...4.0114

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

DETECTION AND DETERMINATION OF FUNGICIDES, BACTERICIDES, AND CHEMOTHERAPEUTIC AGENTS ...Bioassay; Butylamine; Catalysts; Degradation; Methyl Bromide; Sandy Soils -see Soil Type; TBZ; ...4.0238

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Fungal Physiology; Granules, Capsules; Irrigation; Pesticide Phytotoxicity; Plant Population Dynamics -gen; Thimet; Western U. S.; ...4.0243

INVESTIGATIONS OF CEREAL AND FORAGE CROP DISEASES AND THEIR CONTROL ...Avena Sativa; Erysiphe; Pesticide Evaluation; Plantvax; Sorghum; Tilletia; Ustilaginales; ...4.0317

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Contamination - Soil; Dalapon; Nitrification; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Pseudomonas; Soil Fungi -nonspecific; Soil Microbiology; ...4.0330

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Alternaria; Concentrates; Ethoxyquin; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pesticide Phytotoxicity; Pyrus Malus; Temperature - Air; ...4.0339

DUTCH ELM DISEASE ...Biological Control; Fungal Resistance; Ornamentals; Pesticide Evaluation; Pesticide Residues; ...4.0358

INVESTIGATIONS OF MINT DISEASES ...Fumigants -nonspecific; Labiatae; Pesticide Evaluation; Solanum; Verticillium; ...4.0359

CRANBERRY DISEASES AND THEIR CONTROL ...Ferbam; Guignardia; Maneb; Pesticide Application Rates; Pesticide Phytotoxicity; Swamps - Marshes; ...4.0402

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

REDUCTION OR ELIMINATION IN COMMERCIAL CHANNELS OF PESTICIDE RESIDUES IN FOODS ...Food Contamination; Liquids Or Sprays; Maneb; Pesticide Residues Removal; Residues in Foods; ...4.0424

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

THE DISEASES OF TURFGRASSES AND THEIR CONTROL ...Agrostis; Cynodon; Pesticide Phytotoxicity; PMA; TBZ; Thiram; ...4.0449

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Methyl Bromide; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

CONTROL OF GLADIOLUS CORM DISEASES ...Bromodine; Emulsifiers; Forturf; Fusarium; Morven; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Chenopodiaceae; Ethrel; Penicillium; Pesticide Residues Removal; Respiration; TBZ; ...4.1047

Benomyl

OZONE DAMAGE TO PLANTS ...Bayer 25141; Fruit, Nut, and Berry Crops; Pollutant Resistance; Solanum; Wind -see Air Motion; ...1.0337

Bhq

FUNGICIDAL & FUNGISTATIC PROPERTIES OF ANTI-OXIDANTS AND RELATED COMPOUNDS ...Antioxidants -nonspecific; Botrytis; Dusts; Ornamentals; Pesticide Evaluation; Pesticides -other; Zea Mays - Field Corn; ...4.0310

Botran

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Methyl Bromide; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Forturf; Fusarium; Morven; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

Butylamine

CHEMICAL CONTROL OF POST-HARVESTING FRUIT AND VEGETABLE DECAYS OCCURRING IN PACKING HOUSES ...Diplodia; Fruit, Nut, and Berry Crops; Liquids Or Sprays; Pesticide Application Rates; Pesticide Legal Aspects; ...4.0231

DETECTION AND DETERMINATION OF FUNGICIDES, BACTERICIDES, AND CHEMOTHERAPEUTIC AGENTS ...Benlate; Bioassay; Catalysts; Degradation; Methyl Bromide; Sandy Soils - see Soil Type; TBZ; ...4.0238

Calcium Sulfamate

PHOSPHOROUS INSECTICIDES EFFECT ON SULFATE FIXATION ...Laboratory Animals; Malathion; Muridae; Nutrition; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0851

Captan

AERIAL CONTROL OF TREE FRUIT DISEASES ...Degradation; Dikar; Dusts; Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...DDT; Guthion; Maneb; Methoxychlor; Residues in Foods; TDE; Toxaphene; ...4.0257

PESTICIDE RESIDUE CLEARANCE PROGRAM ...Araceae; Chemical Analysis; Liquids Or Sprays; Pentachlorophenol; Pesticide Residues; Residues in Foods; ...4.0297

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Dexon; Euphorbiaceae; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0355

CONTROL OF POTATO PESTS ...Difolatan; Fore; Fusarium; Pesticide Application Rates; Pesticide Phytotoxicity; Residues in Foods; Solanum; Vegetables; ...4.0396

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Absorption (incl. Adsorption); Chlorophyll; Dieldrin; Metabolites From Pesticides; Photosynthesis; Respiration; Translocation; ...4.0443

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Forturf; Fusarium; Morven; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Cipc; Degradation; Finland; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

Cerewet

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Ferns; Iridaceae; Mocap; Nematode; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

Chloroneb

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Carriers -non-liquid; Coteran; Gossypium; Mema; Pesticide Drift; Pesticide Interaction With Env; Thimet; ...4.0035

STAND ESTABLISHMENT AND SEEDLING DISEASE CONTROL ...Gossypium; Growth; Pesticide Evaluation; Plant Pathogenetic Fungi; Planting Methods; Temperature - Air; ...4.0384

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Competition Among Thallophytes; Gibberella; Gliotoxin; Nematocides -nonspecific; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Soil Microbiology; Viridin; ...4.0945

Cts

DEVELOPMENT OF SYSTEMIC PESTICIDES WITH LOW PHYTO- AND MAMMALIAN-TOXICITY PROPERTIES ...Bioassay; Foliar Absorption; Pesticide Absorption Rates; Pesticide Phytotoxicity; Plant Absorption -other; Root Absorption; ...4.0302

Cycloheximide

PHYSIOLOGY OF CITRUS FRUIT ABSCISSION ...Abscission; Citrus; Enzymes; Herbicides and Other Chem; Pesticide Evaluation; Temperature - Air; ...4.1007

Dbtc

MARKET QUALITY OF TABLE GRAPES AS INFLUENCED BY CHEMICALS APPLIED FOR WEED, PEST AND DISEASE CONTROL ...Food Engineering & Technology; Moisture; Packaging Materials; Pesticide Organoleptic Prop.; Pesticides -other; Plastics; ...4.0226

DDC

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDT; Heptachlor; Microorganism-see Cell Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides - see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

Dexon

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Euphorbiaceae; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0355

Dichlone

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

Difolatan

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts; Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

CONTROL OF POTATO PESTS ...Captan; Fore; Fusarium; Pesticide Application Rates; Pesticide Phytotoxicity; Residues in Foods; Solanum; Vegetables; ...4.0396

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; DDT; Laboratory Animals; Methoxychlor; Muridae; Pesticide Persistance in Soils; Phaltan; ...4.0556

Dikar

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dusts; Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Difolatan; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

Dimethyl Carbamate

FATE OF INSECTICIDE CHEMICALS IN RELATION TO NON-PERSISTENCE AND SPECIES SPECIFICITY ...Allethrin; Buxton; Metabolites From Pesticides; Pesticide Residue Analysis; Pyrethrum; ...4.0926

Diphenyl

EXTENDING THE MARKET LIFE OF CALIFORNIA CITRUS FRUITS IN FOREIGN MARKETS ...Economic Losses (or Benefits); Foreign Agriculture; International Economics; Pesticide Tolerance Rate; Residues in Foods; Retail; ...4.0228

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

ANTIMICROBIAL ACTION OF BIPHENYL AND DERIVATIVES ON CITRUS SPOILAGE ORGANISMS ...Citrus; Foreign Agriculture; Fruit, Nut, and Berry Crops; Pesticide Phytotoxicity; Trichoderma; ...4.0296

Dodine

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts; Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

RESIDUES AND BREAKDOWN PRODUCTS OF CHEMICAL FUNGICIDES IN PECAN NUTS ...Carbon Disulfide; Chemical Analysis; Fruit, Nut, and Berry Crops; Zinc; ...4.1003

Dupont 1991

MECHANISM OF ACTION AND METABOLIC FATE OF FUNGICIDES ...Absorption (incl. Adsorption); Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Residues; Plant Absorption -other; ...4.0114

Dyrene

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

PREPARATION AND BIOASSAY OF SMOKE CONDENSATE FROM TOBACCO SAMPLES ...Bioassays; Co-carcinogenesis; Maleic Hydrazide; Nicotiana; Pesticide Rates -general; Tobacco - cigarettes; Tween-80 -see Surfactants; ...4.0405

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS *NOT* LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

Exotherm

NUTRITION AND ENVIRONMENT OF FLORAL CROPS ...Botrytis; Mineral Nutrition; Ornamentals; Pesticide Phytotoxicity; ...4.0387

Fentin Hydroxide

RESIDUES AND BREAKDOWN PRODUCTS OF CHEMICAL FUNGICIDES IN PECAN NUTS ...Carbon Disulfide; Chemical Analysis; Dodine; Fruit, Nut, and Berry Crops; Zinc; ...4.1003

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1008

Ferbam

CRANBERRY DISEASES AND THEIR CONTROL ...Benlate; Guignardia; Maneb; Pesticide Application Rates; Pesticide Phytotoxicity; Swamps - Marshes; ...4.0402

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

LIVESTOCK DETOXICATING MECHANISMS OF PESTICIDES ...Birds; Ciodrin; Domestic Animals; Gallus Domesticus; Ovis; Pesticide Residues Removal; Residues in Foods; ...4.0870

Fixed Copper

HERBICIDE RESIDUES ...Acrolein; Contamination - Soil; D, 2,4-; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Xylene; ...4.0018

Fore

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. -(1 Or ; Kelthane ; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

CONTROL OF POTATO PESTS ...Captan; Difolatan; Fusarium; Pesticide Application Rates; Pesticide Phytotoxicity; Residues in Foods; Solanum; Vegetables; ...4.0396

Fortuf

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. -(1 Or ; Fore ; Kelthane; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

CONTROL OF POTATO PESTS ...Captan; Difolatan; Fore; Fusarium; Pesticide Application Rates; Pesticide Phytotoxicity; Residues in Foods; Solanum; Vegetables; ...4.0396

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Fusarium; Morven; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

Fungicides -nonspecific

CONTROL OF GEOTRICHUM CANDIDUM IN BIOLOGICAL WASTE TREATMENT ...Carbon; Coagulation; Fungal Pollutant Sources; Geotrichum; Sewage Lagoons; Waste Water Treatment - general; Zinc; ...3.1410

DISPOSING OF SURPLUS PESTICIDES AND PESTICIDE CONTAINERS ...Chemical Degradation; Disposal; Herbicides -nonspecific; Insecticides -nonspecific; Nematocides -nonspecific; Pesticide Residues Removal; Waste Type; ...4.0046

FATE AND EFFICACY OF SOIL FUNGICIDES ...Pesticide Degradation -see Deg; Plant Pathogenetic Fungi; Soil Fungi -nonspecific; ...4.0089

THE INTERACTION OF MICROORGANISMS AND PESTICIDES ...Cellular Catabolism-see Degrad; Herbicides -nonspecific; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg; Pesticide Interaction -gen.; Soil Fungi -nonspecific; Soil Microbiology; ...4.0140

CONTROLS FOR MAJOR COTTON DISEASES IN SOUTHEASTERN U. S. INCLUDING RESISTANCE ...Fungal Resistance; Fusarium; Herbicides -nonspecific; Nematode Resistance; Pesticide Phytotoxicity; Verticillium; ...4.0208

DEVELOPMENT OF SYSTEMIC FUNGICIDES FOR VERTICILLIUM WILT CONTROL ...Absorption (incl. Adsorption); Gossypium; Pesticide Evaluation; Pesticide Phytotoxicity; Translocation; ...4.0232

BIOLOGY AND CONTROL OF INSECT AND OTHER PESTS OF CUT FLOWERS ...Acaricides -nonspecific; Azodrin; Chrysanthemum; Methomyl; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; ...4.0258

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdaz; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming - vegetables; ...4.0272

PESTICIDE RESIDUES IN PLANTS ANIMALS AND SOILS ...Carbamates -nonspecific; Carbon; Pesticide Phytotoxicity; Pesticide Residue Analysis; Sulfur; ...4.0298

DEVELOPMENT OF SYSTEMIC PESTICIDES WITH LOW PHYTO- AND MAMMALIAN-TOXICITY PROPERTIES ...Bioassay; Cts; Foliar Absorption; Pesticide Absorption Rates; Pesticide Phytotoxicity; Plant Absorption -other; Root Absorption; ...4.0302

FATE AND SIGNIFICANCE OF LABELLED PESTICIDES RESIDUES IN RICE ...Carbon; Metabolites From Pesticides; Oryzeae; Phosphorus; Sulfur; ...4.0312

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS ...Bioassay; Carya; Fruit, Nut, and Berry Crops; Growth Substances; Herbicides and Other Chem; Photosynthesis; Radioisotopes -nonspecific; Tibs; ...4.0315

FUNDAMENTAL STUDIES ON WEED CONTROL ...Cotoran; Herbicides and Other Chem; Liquids Or Sprays; Pesticide Evaluation; Pesticides Compatibility; Prometryne; Space Competition; ...4.0331

RELATION OF ENVIRONMENT AND CHEMICALS TO PHYSIOLOGY OF POME AND DRUPE FRUIT ...Fruit, Nut, and Berry Crops; Growth Substances; Pesticide Interaction With Env; Pesticides -nonspecific; Plant Pathology - Env. Relat.; Pyrus Malus; Temperature - Air; ...4.0362

NON-TOXIC OIL SPRAYS TO CONTROL LEAF DISEASES OF CROPS ...Chenopodiaceae; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Septoria; ...4.0367

THE INTERACTION OF HERBICIDES WITH OTHER APPLIED PESTICIDES ...Herbicides -nonspecific; Nematocides -nonspecific; Pesticide Evaluation; Pesticides Compatibility; ...4.0387

PESTICIDES FLAVOR OF FOODS ...Ddvp; Food Contamination; Home Economics; Insecticides -nonspecific; Residues in Foods; ...4.0401

BIOASSAY OF PESTICIDE RESIDUES ON PROCESSED FRUITS AND VEGETABLES ...Bioassay; Insecticides -nonspecific; Pesticide in Food Chains; Pesticide Residue Analysis; Residues in Foods; Vegetables; ...4.0408

DISEASES OF CULTIVATED BLUEBERRIES IN NORTH CAROLINA ...Botryosphaeria; Fruit, Nut, and Berry Crops; Nematoda; Pesticides -other; Temperature - Air; ...4.0428

SUPPRESSION OF MYCOFLORA AND MYCOTOXINS IN NEWLY COMBINED, PARTIALLY CURED PEANUTS ...Aerosols - Smokes, Fogs, Steam; Arachis; Pesticide Phytotoxicity; Sulfur Dioxide; ...4.0448

PESTICIDE APPLICATION COSTS AND CHEMICALS FOR PEST CONTROL ON FRUIT ...Acaricides -nonspecific; Concentrates; Liquids Or Sprays; Pesticide Application Rates; Petroleum Cpds. -nonspecific; ...4.0466

THE ROLE OF RHIZOSPHERE MICROORGANISMS IN THE ACTION OF HERBICIDES ON PLANTS ...Ammonification Or Decay; Insecticides -nonspecific; Nitrification; Pesticide Interaction With Env; Pesticides Compatibility; Rhizosphere; ...4.0468

FUNGITOXICITY AND PHYTOTOXICITY OF PLANT DISEASE CONTROL CHEMICALS ...Herbicides and Other Chem; Pesticide Phytotoxicity; Pesticide Rates -general; Plant Pathogenetic Fungi; Plant Phenology; ...4.0478

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Gossypium; Granules; Capsules; Insecticides -nonspecific; Nematocides - nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales; Verticillium; ...4.0480

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Diphacin; Fish; Mammals; Metal Organics -nonspecific; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0566

EFFECT OF PESTICIDES ON ENZYME SYSTEMS ...Aldrin; Carbamates -nonspecific; Chlordan; Herbicides -nonspecific; Pesticide Action on Animals; ...4.0629

SCREENING PESTICIDES FOR TERATOGENIC EFFECTS ON GAMBUSIA. TOXICITY OF PESTICIDES TO FRESHWATER FISHES ...Carbamates -nonspecific; Fish; Herbicides -nonspecific; Pesticide Action on Animals; Poecilid; Polychlorinated Biphenyl Cpds.; ...4.0696

GENERAL TESTING OF ENVIRONMENTAL CHEMICALS FOR EFFECTS ON GROWTH AND DEVELOPMENT ...Animal Pharmacology; Developmental Physiology; Environmental Effects - Human; Herbicides -nonspecific; Laboratory Animals; Mammals - nonspecific; Toxicology; ...4.0796

EFFECTS OF PESTICIDES ON INSECTS, MITES, AND PREDACEOUS ARTHROPODS IN APPLE ORCHARDS ...Arachnida; Foreign Agriculture; Insects - Beneficial; Pesticide Action on Animals; Pesticide Toxicity in Animals; Population Dynamics -general; Temperature - Air; ...4.0838

TOXICOLOGICAL EFFECTS OF VARIOUS PESTICIDES AND OTHER AGRICULTURAL CHEMICALS ON LIVESTOCK AND POULTRY ...Acaricides -nonspecific; Deer; Herbicides - nonspecific; Nematocides -nonspecific; Pesticide Residue Analysis; Sus; ...4.0871

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Citrus; Fragaria; Fruit, Nut, and Berry Crops; Fumigants -nonspecific; Horticultural Crops - general; Lactuca; Pesticide Organoleptic Prop.; Phaseolus; Residues in Foods; Vegetables; ...4.0929

KINDS AND LEVELS OF PESTICIDES OR METABOLIC PRODUCTS IN TOBACCO LEAF AND SMOKE ...Maleic Hydrazide; Nicotiana; Pesticide Rates -general; Pesticides -other; ...4.1089

Koras

INFLUENCE OF HERBICIDES, FUNGICIDES, & INSECTICIDES ON COTTON GERMINATION & SEEDLING VIGOR ...Gossypium; Pesticide Interaction With Env; Planavin; Soil Microbiology; Temperature - Air; Trifluralin; ...4.0207

Krumx-clor

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

Maneb

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts; Liquids Or Sprays; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrus Malus; ...4.0055

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; DDT; Guthion; Methoxychlor; Residues in Foods; TDE; Toxaphene; ...4.0257

CRANBERRY DISEASES AND THEIR CONTROL ...Benlate; Ferbam; Guignardia; Pesticide Application Rates; Pesticide Phytotoxicity; Swamps - Marshes; ...4.0402

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

REDUCTION OR ELIMINATION IN COMMERCIAL CHANNELS OF PESTICIDE RESIDUES IN FOODS ...Benlate; Food Contamination; Liquids Or Sprays; Pesticide Residues Removal; Residues in Foods; ...4.0424

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

EVALUATING NEW FUNGICIDES ...Capsicum; Disulfoton; Granules; Capsules; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Vegetables; ...4.0479

FERTILITY OF FOREST NURSERY SOILS ...Aluminum; Cold Resistance; Forest Pathology; Pesticide Phytotoxicity; Plant Residues; Humus; Compost; Soil Cover Crops; ...4.0517

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

Memmi

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

Methyl Mecuricdicyand

EVALUATION OF CHEMICAL FORMULATIONS AND ENERGY PROCESSES AS SEED TREATMENTS OF MAJOR CROP PLANTS ...Avena Sativa; Metal Organics -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Temperature - Air; Triticum; Vitavax; ...4.0410

Phaltan

MECHANISM OF ACTION AND METABOLIC FATE OF FUNGICIDES ...Absorption (incl. Adsorption); Dupont 1991; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Residues; Plant Absorption -other; ...4.0114

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; DDT; Difolatan; Laboratory Animals; Methoxychlor; Muridae; Pesticide Persistance in Soils; ...4.0556

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Forturf; Fusarium; Morvan; Ornamentals; Pesticide Application Rates; Preventative Measures; ...4.0586

Planavn

ACTION OF SELECTIVE CHEMICALS ON MICRO-ORGANISMS AND HIGHER PLANTS ...Capsicum; Nematoda; Pesticide Evaluation; Phaseolus; Temperature - Air; Vegetables; Xanthomonas; ...4.0255

INVESTIGATIONS OF CEREAL AND FORAGE CROP DISEASES AND THEIR CONTROL ...Avena Sativa; Erysiphe; Pesticide Evaluation; Sorghum; Tilletia; Ustilaginales; ...4.0317

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Competition Among Thallophytes; Gibberella; Glioloxin; Nematocides -nonspecific; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Soil Microbiology; Viridin; ...4.0945

Polyram

CONTROL OF POTATO PESTS ...Captan; Difolatan; Fore; Fusarium; Pesticide Application Rates; Pesticide Phytotoxicity; Residues in Foods; Solanum; Vegetables; ...4.0396

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Thielaviopsis; ...4.1088

Safrole

EFFECT OF ENVIRONMENTAL PARAMETERS ON PESTICIDAL STABILITY ...Degradation; Environmental Effects - Human; Metabolites From Pesticides; Piperonyl Butoxide; Radiation Sources -general; Toxic Substances; ...4.1087

Sopp

ANTIMICROBIAL ACTION OF BIPHENYL AND DERIVATIVES ON CITRUS SPOILAGE ORGANISMS ...Citrus; Diphenyl; Foreign Agriculture; Fruit, Nut, and Berry Crops; Pesticide Phytotoxicity; Trichoderma; ...4.0296

Terrachlor

INFLUENCE OF HERBICIDES, FUNGICIDES, & INSECTICIDES ON COTTON GERMINATION & SEEDLING VIGOR ...Gossypium; Koras; Pesticide Interaction With Env; Planavin; Soil Microbiology; Temperature - Air; Trifluralin; ...4.0207

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

EFFECT OF PCNB ON PALATABILITY AND COMPOSITION OF POTATOES ...Home Economics; Pellicularia; Pesticide Organoleptic Prop.; Phenols; Solanum; Vegetables; ...4.0342

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Euphorbiaceae; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0355

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Methyl Bromide; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Vegetables; ...4.0506

Terrazole

CONTROL OF POTATO PESTS ...Captan; Difolatan; Fore; Fusarium; Pesticide Application Rates; Pesticide Phytotoxicity; Residues in Foods; Solanum; Vegetables; ...4.0396

THE DISEASES OF TURFGRASSES AND THEIR CONTROL ...Agrostis; Cynodon; Pesticide Phytotoxicity; PMA; TBZ; Thiram; ...4.0449

Thiram

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Biomass; Carbon; Chemical Analysis; Growth Substances; Metabolism of Algicides; Pesticide Degradation -see Deg; Plant Growth Regulators -ns-; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

THE DISEASES OF TURFGRASSES AND THEIR CONTROL ...Agrostis; Cynodon; Pesticide Phytotoxicity; PMA; TBZ; ...4.0449

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Methyl Bromide; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

Tributyltinoxide

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides -nonspecific; Biological Coatings -see Materials; Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Plastics; Water Distribution Systems; ...2.0977

Vitavax

ACTION OF SELECTIVE CHEMICALS ON MICRO-ORGANISMS AND HIGHER PLANTS ...Capsicum; Nematoda; Pesticide Evaluation; Phaseolus; Temperature - Air; Vegetables; Xanthomonas; ...4.0255

INVESTIGATIONS OF CEREAL AND FORAGE CROP DISEASES AND THEIR CONTROL ...Avena Sativa; Erysiphe; Pesticide Evaluation; Plantvax; Sorghum; Tilletia; Ustilaginales; ...4.0317

STAND ESTABLISHMENT AND SEEDLING DISEASE CONTROL ...Chloroneb; Gossypium; Growth; Pesticide Evaluation; Plant Pathogenetic Fungi; Planting Methods; Temperature - Air; ...4.0384

EVALUATION OF CHEMICAL FORMULATIONS AND ENERGY PROCESSES AS SEED TREATMENTS OF MAJOR CROP PLANTS ...Avena Sativa; Metal Organics -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Temperature - Air; Triticum; ...4.0410

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Competition Among Thallophytes; Gibberella; Glutosin; Nematocides -nonspecific; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Soil Microbiology; Viridin; ...4.0945

BIOLOGICAL INTERACTIONS WITH SYSTEMIC FUNGICIDES ...Basidiomycetes; Fungi -nonspecific; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Action on Plants; Plant; ...4.0965

Voronit

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Methyl Bromide; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

Zineb

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; ...4.0169

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

RESIDUES AND BREAKDOWN PRODUCTS OF CHEMICAL FUNGICIDES IN PECAN NUTS ...Carbon Disulfide; Chemical Analysis; Dodine; Fruit, Nut, and Berry Crops; Zinc; ...4.1003

Herbicide, Fungicide, Nematoci

Acrolein

GROWTH SUPPRESSION AND REDUCTION IN REGROWTH POTENTIAL OF AQUATIC WEEDS ...Najadaceae ; Pesticide Application Rates; Plant Pollutants; Potamogetonaceae; Submerged Plants; ...2.0071

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides - nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

HERBICIDE RESIDUES ...Contamination - Soil; D, 2,4-; Fixed Copper; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Xylene; ...4.0018

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Chenopodiaceae; D, 2,4-; Fish; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Solvex; Zea Mays - Field Corn; ...4.0076

PMA

THE DISEASES OF TURFGRASSES AND THEIR CONTROL ...Agrostis; Cynodon; Pesticide Phytotoxicity; TBZ; Thiram; ...4.0449

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Amino Triazole; D, 2,4-; Laboratory Animals; Metabolites From Pesticides; Muridae; ...4.0819

ORGANIC MERCURIAL FUNGICIDES AND METABOLISM ...Carbon; Isotope Tracer -see Tracers; Mercury; Metal Organics - nonspecific; Pesticide Action on Animals; ...4.0820

Herbicides

Alachlor

ANNUAL WEED CONTROL IN ROW CROPS ...Chenopodiaceae; Liquids Or Sprays; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Tenoran; Vegetables; ...4.0104

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Biomass; Cyperaceae; Environment Accumulation Rate; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

WEED CONTROL IN HORTICULTURAL CROPS ...Biomass; Cyclic Organic Cpds. -(1 Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

LIFE CYCLE, PHYSIOLOGY AND CONTROL OF PERENNIAL WEEDS AFFECTING SUBTROPICAL FRUIT CROPS ...Cynodon; Cyperaceae; Lactuca; Pesticide Action on Plants; Pesticide Evaluation; Sub - Tropic Regions; ...4.0236

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Cdas; Chemical Analysis; Citrus; D, 2,4-; Gel Chromatography; Nas; Pesticide Residues; Vernolate; ...4.0237

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming -vegetables; ...4.0272

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Ambrosia; Bladex; Convolvulaceae; Grass -nonspecific;

Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

WEED CONTROL IN AGRONOMIC CROPS ...Bioassay; Liquids Or Sprays; Nicotiana; Pesticide Action on Plants; Pesticide Evaluation; Plant Resistance; Simazine; Zea Mays - Field Corn; ...4.0327

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Amiben; Benefin; Carriers -non-liquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

CHEMICAL WEED CONTROL IN FIELD CROPS ...Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum - other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Benzolide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil, Vcs-438; ...4.0364

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Chemical Analysis; Glycine; Nitrogen Metabolism; Pennisetum; Pesticide Phytotoxicity; Plant Absorption -other; Propachlor; Zea Mays - Field Corn; ...4.0482

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Environment Accumulation Rates; Linuron; Medicago; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

Alanap

PERSISTENCE OF HERBICIDES IN SOILS ...Gossypium; Pesticide Persistance in Soils; Pesticides Compatibility; Plant Absorption - other, Root Absorption; Soil pH; Translocation; ...4.0137

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

ABSORPTION, TRANSLOCATION, AND METABOLISM OF HERBICIDES BY CROP AND WEED SPECIES ...Absorption (incl. Adsorption); Amiben; Gramineae -other; Herbicides and Other Chem; Mississippi; Radioisotopes -nonspecific; ...4.0374

PRINCIPLES AND PRACTICES FOR CONTROL OF JOHNSONGRASS IN SOYBEANS ...Diuron; Formulations -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Compaction Or Density; ...4.0391

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

HERBICIDE STUDIES EMPLOYING IN VITRO CULTURE METHODS ...Humidity; Pesticide Action on Plants; Pesticide Formulation; Pesticide Residues; ...4.0683

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

Allyl Alcohol

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Competition Among Thallophytes; Gibberella; Gliotoxin; Nematocides -nonspecific; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Soil Microbiology; Viridin; ...4.0945

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Bioindicators; Dacthal; Microorganism-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0956

Ametryn

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules, Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Bioassay; Bromacil, Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Cyperaceae; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Formulation; Plant Resistance; Saccharum; Terbacil; ...4.0470

CONTROL OF WEEDS ...Diuron; Pesticide Formulation; Pesticide Phytotoxicity; Pesticides -other; Puerto Rico; Saccharum; ...4.0471

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

Amiben

PLANT RESPONSE TO ORGANIC CHEMICALS IN THE ROOT ENVIRONMENT ...Absorption (incl. Adsorption); Cellular Catabolism-see Degrad; Dicamba; Mutagenesis -nonspecific; Pesticide Degradation -see Deg, Plant Resistance; ...4.0154

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor, Bioassay; Cyclic Organic Cpds. -(1 Or ; Diphenamid ; Linuron, Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming - vegetables; ...4.0272

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Datura; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; Setaria; ...4.0304

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Benefin; Carriers -non-liquid;

Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum -other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

PHYSIOLOGY AND BIOCHEMISTRY OF HERBICIDE ACTION, SELECTIVITY, AND DEGRADATION ...Bromoxynil; Metabolites From Pesticides; Pesticide Action on Plants; Pesticide Phytotoxicity; Tissue Accumulation Rates; ...4.0363

TOXIC CHEMICALS IN PLANTS AND THEIR RESIDUAL EFFECTS ...Carotenoid Pigments; Growth Substances; Iridaceae; Pesticide Formulation; ...4.0368

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Cdas; Glycine; Nitrification; Pesticides Compatibility; Rhizosphere; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

ABSORPTION, TRANSLOCATION, AND METABOLISM OF HERBICIDES BY CROP AND WEED SPECIES ...Absorption (incl. Adsorption); Gramineae -other; Herbicides and Other Chem; Mississippi; Radioisotopes -nonspecific; ...4.0374

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl. Adsorption); Chemical Analysis; Cyclic Organic Cpds. -(1 Or ; Diphenamid ; Lycopersicum; Pesticide Organoleptic Prop.; Radioisotopes -nonspecific; Solanum; Vegetables; ...4.0437

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Arachis; Benefin; Blades; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Cdas; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdas; Cyclic Organic Cpds. -(1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Bromacil; Fenac; Gas Chromatography; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; Residues in Foods; ...4.0779

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem; Rhizobium; Soil pH; Trifluralin; ...4.0950

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

Amino Triazole

PHAGOCYTOSIS AND BACTERIAL KILLING BY ALVEOLAR MACROPHAGES ...Air Pollution -see Specifics; Laboratory Animals; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Phagocytosis; Sulfur Dioxide; ...1.0282

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

PHYTOTOXICITY OF 3-AMINO-1,2,4-TRIAZOLE ...Cellular Biosynthesis; Cellular Metabolism - Controls; Cucumis Sativus; Enzymes; Nitrogen Metabolism; Pesticide Phytotoxicity; Phaseolus; ...4.0203

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

RESPONSE OF PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Dalapon; Environment Accumulation Rates; Pesticide Evaluation; Pesticide Residues; Riparian Plants; TCA; ...4.0393

WEED CONTROL STUDIES WITH HORTICULTURAL CROPS ...Dichlobenil; Paraquat; Pesticide Application Rates; Pesticide Interaction With Env; Soil Environment -other; Vegetables; Zea Mays - Sweet Corn; ...4.0438

DEVELOPMENT OF AERIAL & GROUND TREATMENTS FOR CHEMICAL CONTROL OF BRUSH SPECIES IN FOREST LANDS ...Air Pollution -see Specifics; D, 2,4-; Forest Litter; Duff & Humus; Pesticide Evaluation; Picloram; ...4.0458

RESPONSE OF PLANTS TO HERBICIDES ...D, 2,4-; Foliar Absorption; Pesticide Interaction -gen.; Pesticide Residues; Plant Absorption -other; Temperature - Air; ...4.0507

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Bioassay; Carbon; IAA; Pesticide Evaluation; Pesticide Interaction With Env; Pesticide Volatility; Plant Absorption -other; ...4.0508

EFFECTS OF HERBICIDES ON TREE FRUITS AND SMALL FRUITS ...Fragaria; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticide Safety Measures; ...4.0512

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...D, 2,4-; Laboratory Animals; Metabolites From Pesticides; Muridae; PMA; ...4.0819

EFFECT OF HERBICIDES ON PROVITAMIN A VALUE OF SELECTED RAW AND COOKED VEGETABLES ...Chenopodiaceae; Daucus Species; Muridae; Residues in Foods; Vegetables; ...4.0957

Atrazine

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Agricultural Runoff; Fertilizers; Irrigation; Leaching; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Tillage Cropping Systems; ...2.0725

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION ...Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathemati-

cal Models; Microorganism -see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Chemical Analysis; D, 2,4-; Low Temp. - But Above 32f; Pesticide Action on Plants; Pesticide Residues; Plant Resistance; Soil Microbiology; Translocation; ...4.0032

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Diuron; Fusarium; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Toxicity to Microorg; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

INACTIVATION AND L...N O... PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Bioassay; Cotoran; Leaching; Mono; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

INFLUENCE OF SELECTED HERBICIDES ON THE NATURAL PROCESSES OF SOIL MICROORGANISMS ...Loam -see Soil Types; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil Microbiology; ...4.0080

REACTIONS OF TRIAZINE-HERBICIDES WITH SOIL COMPONENTS ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil - Calcareous; Soil Organic Content; ...4.0082

HERBICIDE EQUILIBRIA OF LATOSOLIC SOIL ...Hawaii; Microorganism -see Cell. Catab.; Pesticide Interaction With Env; Soil Chemical Properties; ...4.0101

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides - see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

ANNUAL AND PERENNIAL WEED CONTROL IN SORGHUM, WINTER WHEAT AND SUMMER FALLOWED LAND ...Chemical Tillage Or Nontillage; Minimum Tillage; Pesticide Evaluation; Pesticide Persistance in Soils; Sorghum; Tillage, Cropping Systems; ...4.0113

MICROBIOLOGY AND BIOCHEMISTRY OF PESTICIDES IN SOIL ...Actinomycetes -nonspecific; Azobenzene; Cipc; Fusarium; Pesticide Degradation -see Deg; Propanil; Soil Microbiology; ...4.0117

NEUTRALIZATION REACTIONS IN ACID SOIL AND CLAY SYSTEMS AND THEIR EFFECT ON PLANT GROWTH ...Clay Soils; Plant Tissue Analysis -chem.; Soil Chemical Properties; Soil pH; ...4.0122

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radiomicrotopes -nonspecific; 2,4-db; ...4.0130

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Paraquat; Carbon; Chemical Analysis; Growth Substances; Metabolism of Algicides; Pesticide Degradation -see Deg; Plant Growth Regulators -ns-; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

SYSTEMS OF WEED CONTROL ...Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage; Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Cellular Catabolism -see Degrad. Environmental Factors; Gramineae -other; Hormodendrum; Microorganism -see Cell. Catab.; Pennisetum; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp -nonspecific; Zea Mays - Field Corn; ...4.0152

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Bioassay; Colloids; Pesticide Formulation; Pesticide Persistance in Soils; Pesticide Residues; Plant Tissue Analysis -chem.; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

MECHANISM OF ADSORPTION OF VARIOUS HERBICIDES BY SOIL HUMIC SUBSTANCES ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Kinetics; Pesticide Persistance in Soil; Soil Amendments; Soil Chemical Properties; ...4.0171

WEEDS AND WEED CONTROL ...Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

FOREST PRACTICE ALTERNATIVES IN CENTRAL ALABAMA ...D, 2,4-; Economic Feasibility; Forest Management; Liquids Or Sprays; Pesticide Evaluation; Pinus -nonspecific; Simazine; ...4.0206

WEED CONTROL IN AGRONOMIC CROPS ...Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radiomicrotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Cynodon; Dacthal; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

WEED CONTROL INVESTIGATIONS ...Convolvulaceae; Cultural Control; Pesticide Movement in Soils; Picloram; Surfactants - Wetting Agents; Trifluralin; ...4.0314

CYTOGENETIC EFFECTS OF ATRAZINE ON GRAIN SORGHUM ...D, 2,4-; Pesticide Action on Plants; Pesticide Phytotoxicity; Sorghum; ...4.0321

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Bioassay; Liquids Or Sprays; Nicotiana; Pesticide Action on Plants; Pesticide Evaluation; Plant Resistance; Simazine; Zea Mays - Field Corn; ...4.0327

QUALITY AND NUTRIENT COMPOSITION OF FOODS TREATED WITH PESTICIDES ...Asparagus; Chemical Analysis; Prunus Persica; Residues in Foods; Zea Mays - Field Corn; ...4.0338

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

PHYSIOLOGY AND BIOCHEMISTRY OF HERBICIDE ACTION, SELECTIVITY, AND DEGRADATION ...Amiben; Bromoxynil; Metabolites From Pesticides; Pesticide Action on Plants; Pesticide Phytotoxicity; Tissue Accumulation Rates; ...4.0363

WEED CONTROL IN SOYBEANS ...Glycine; Pesticide Evaluation; Plant Resistance; Tenoran; ...4.0366

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Citrus; Glycine; Nitrification; Pesticides Compatibility; Rhizosphere; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Panicum -other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Tillage; Zea Mays - Field Corn; ...4.0445

FACTORS INFLUENCING THE EFFECTIVENESS OF HERBICIDES ...Agricultural Runoff; Betulaceae; Diuron; Irrigation; Pesticide Evaluation; Plant Growth Regulators -ns-; Soil Types - also See Specifics; ...4.0453

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Bromus; Diquat; Festuca; Paraquat; Pesticide Persistance in Soils; Prometryne; Terbacil; Trifolium; ...4.0457

MICROANALYSIS TECHNIQUE TO DETECT HERBICIDES AND THEIR DEGRADATION ...Chemical Analysis; D, 2,4-; Pesticide Action on Plants; Plant; ...4.0460

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Aquifoliaceae; Conifers; Granules, Capsules; Ornamentals; Pesticide Application Rates; Pinus (other Specifics); Senecio; Soil Types -also See Specifics; Washington; ...4.0510

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Environment Accumulation Rates; Linuron; Medicago; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

CHEMICAL CONTROL OF PERENNIAL BROADLEAVED WEEDS IN ALFALFA ...Caryophyllaceae; Cruciferae; Medicago, Pesticide Residues; Terbacil; ...4.0520

HERBICIDAL WEED CONTROL IN ALFALFA IN WYOMING ...Chenopodiaceae; Medicago; Pesticide Evaluation; Pesticide Residues; Rp-11561; Terbacil; ...4.0524

SELECTIVITY AND MODE OF ACTION OF HERBICIDAL CHEMICALS ...D, 2,4-; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Absorption - other; ...4.0834

TOXICOLOGIC EFFECTS OF HERBICIDE-TREATED PLANTS ON LIVESTOCK ...Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Rates -general; Ranunculaceae; Tissue Accumulation Rates; ...4.0874

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

EFFECT OF HERBICIDES ON PROVITAMIN A VALUE OF SELECTED RAW AND COOKED VEGETABLES ...Amino Triazole; Chenopodiaceae; Daucus Species; Muridae; Residues in Foods; Vegetables; ...4.0957

REDUCTION OF HERBICIDE RESIDUES ...Adjuvants; Granules, Capsules; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -other; ...4.0977

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; Zea Mays - Field Corn; ...4.0982

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Environment Accumulation Rates; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Prometryne; Soil Types -also See Specifics; ...4.1035

HERBICIDE RESIDUE METHODS ...Chemical Analysis; Microwave Spectroscopy; Pesticide Residues; Prometone; Propazine; Urea Cpds. -nonspecific; ...4.1064

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Dichlobenil; Groundwater; Pesticide Legal Aspects; Pesticide Persistance in Soils, Soil Chemical Properties; Terbacil; Water Pollutants - Path of; ...4.1091

METABOLITE FORMATION IN METABOLISM OF TRIAZINE HERBICIDES BY THE ANIMAL ...Animal; Capra; Metabolites From Pesticides; Ovis; Pesticide Formulation; Prometone; Radioisotopes -nonspecific; ...4.1096

DEVELOP MICROANALYSES FOR DETECTION OF HERBICIDES AND METABOLITES IN PLANT TISSUE ...Chemical Analysis; D, 2,4-; Diuron; Hydrogen; Pesticide Action on Plants; Phaseolus; Plant; ...4.1105

Avadex

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdaa; Chemical Analysis; Citrus; D, 2,4-; Gel Chromatography; Naa; Pesticide Residues; Vernolate; ...4.0237

Bandane

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bioassay; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

Barban

WEEDS AND WEED CONTROL ...Atrazine; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

Bas 2572

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

Bay 79758

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Bladex; Convolvulaceae; Grass - nonspecific; Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

Benefin

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Cotoran; Leaching; Msma; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

TRANSLOCATION AND DEGRADATION OF HERBICIDES IN PLANTS ...Bensulide; Carbon; Diphenamid; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Plant Absorption - other; ...4.0188

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Carriers -non-liquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

USE OF HERBICIDES TO CONTROL WEEDS IN FORAGES ...Cipc; Diquat; Fertilizers; Medicago; Planavin; Trifluralin; ...4.0350

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

MACHINES FOR ESTABLISHMENT AND MANAGEMENT OF CROPS AND PASTURE ...Eptam; Pesticide Evaluation; Soil Compaction Or Density; 2,4-db ...4.0515

Bensulide

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

TRANSLOCATION AND DEGRADATION OF HERBICIDES IN PLANTS ...Benefin; Carbon; Diphenamid; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Plant Absorption - other; ...4.0188

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Brassica Species; Convolvulaceae; Diazinon; Granules; Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Environment Accumulation Rates; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Triazines -nonspecific; ...4.0404

TURFGRASS WEED CONTROL ...Digitaria; Gramineae -other; Pesticide Interaction With Env; Temperature - Air; Turf; ...4.0459

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0490

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

Benzoic Acid Cpds.

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Chemical Degradation; Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; DDT; Difolatan; Laboratory Animals; Methoxychlor; Muridae; Pesticide Persistance in Soils; Phaltan; ...4.0556

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC. IN SOILS ...Antibiotics -nonspecific; Herbicides -nonspecific; Loam - see Soil Types; Microorganisms -nonspecific; Nitrosomonas -nonspecific; Pesticide Persistance in Soils; Plant Residues; Humus; Compost; Soil Microbiology; ...4.1051

Betanal

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Amaranthaceae; Chenopodiaceae; Convolvulaceae; Dicamba; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Absorption -other; Translocation; ...4.0249

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules; Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

WEED CONTROL IN SUGAR BEETS ...Amaranthaceae; Chenopodiaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; ...4.0525

Bh 1455

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

Bladex

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Convolvulaceae; Grass -nonspecific; Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

Bromacil

CONSERVATION OF RESOURCES IN MUNICIPAL WASTES ...Cotoran; Pennisetum; Plant Residues; Humus; Compost; Soil - Crop Relationships; Soil Cover Crops; Trifluralin; ...3.0046

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION ...Atrazine; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine; Bromus; Diquat; Festuca; Paraquat; Pesticide Persistance in Soils; Prometryne; Terbacil; Trifolium; ...4.0457

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application

Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils psee Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Fenac; Gas Chromatography; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; Residues in Foods; ...4.0770

Bromoxynil

WEEDS AND WEED CONTROL ...Atrazine; Barban; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Actinomycin; Cellular Biosynthesis; Cucurbita; Endothall; Growth Substances; Nitrogen Metabolism; Pesticide Action on Plants; ...4.0223

PHYSIOLOGY AND BIOCHEMISTRY OF HERBICIDE ACTION, SELECTIVITY, AND DEGRADATION ...Amiben; Metabolites From Pesticides; Pesticide Action on Plants; Pesticide Phytotoxicity; Tissue Accumulation Rates; ...4.0363

RESPONSE OF PLANTS TO HERBICIDES ...Amino Triazole; D, 2,4-; Foliar Absorption; Pesticide Interaction -gen.; Pesticide Residues; Plant Absorption -other; Temperature - Air; ...4.0507

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

Butachlor

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

Byram

THE CONTROL OF WEEDS IN RICE BY THE USE OF HERBICIDES ...Oryzeae; Pesticide Evaluation; Pesticides -other; Propanil; ...4.0380

Cacodylic Acid

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Bioassay; Carbon; IAA; Pesticide Evaluation; Pesticide Interaction With Env; Pesticide Volatility; Plant Absorption -other; ...4.0508

Cdaa

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Chemical Analysis; Citrus; D, 2,4-; Gel Chromatography; Naa; Pesticide Residues; Vernolate; ...4.0237

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Glycine; Nitrification; Pesticides Compatibility; Rhizosphere; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cyclic Organic Cpds. --(1 Or; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

Cdea

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdaa; Chemical Analysis; Citrus; D, 2,4-; Gel Chromatography; Naa; Pesticide Residues; Vernolate; ...4.0237

Cdec

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

Chlorazine

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides -see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

Chloro Phenoxy Acetic

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

DEVELOPMENT OF ANALYTICAL METHODOLOGY ...Food Contamination; Metabolites From Pesticides; Paradichlorobenzene; Polychlorinated Biphenyl Cpds.; Residues in Foods; Urine; ...4.0421

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

Cipc

MICROBIOLOGY AND BIOCHEMISTRY OF PESTICIDES IN SOIL ...Actinomycetes -nonspecific; Azobenzene; Fusarium; Pesticide Degradation -see Deg; Propanil; Soil Microbiology; ...4.0117

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or; Diphenamid; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Dichlobenil; Endothall;

Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS ...Dichlobenil; Florida; Fruit, Nut, and Berry Crops; Herbicides -nonspecific; Mineral Nutrition; Pesticide Phytotoxicity; Prunus Persica; Vitaceae; ...4.0279

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Cellular Biosynthesis; Diuron; Herbicides and Other Chem; Nitrogen Metabolism; Pesticide Action on Plants; Photosynthesis; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0340

USE OF HERBICIDES TO CONTROL WEEDS IN FORAGES ...Benefin; Diquat; Fertilizers; Medicago; Planavin; Trifluralin; ...4.0350

PHYSIOLOGICAL MECHANISMS INVOLVED IN SELECTIVE PHYTOTOXIC ACTION OF HERBICIDES ...Chelation & Complexing; Herbicides and Other Chem; Nucleic Acid Compounds; Pesticide Phytotoxicity; Pyriclor; ...4.0430

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine; Bromus; Diquat; Festuca; Paraquat; Pesticide Persistance in Soils; Prometryne; Terbacil; Trifolium; ...4.0457

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. --(1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...IPC; Metabolites From Pesticides; Muridae; Pesticide Action on Plants; ...4.0821

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Degradation; Finland; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

Cma

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Dacthal; Dyrene; Fortuf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

Cotoran

CONSERVATION OF RESOURCES IN MUNICIPAL WASTES ...Bromacil; Pennisetum; Plant Residues; Humus; Compost; Soil - Crop Relationships; Soil Cover Crops; Trifluralin; ...3.0046

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Carriers -non-liquid; Gossypium; Msma; Pesticide Drift; Pesticide Interaction With Env; Thimet; ...4.0035

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Environment Accumulation Rates; Gossypium; Liquids Or Sprays; Pesticide Movement in Soils; Pesticides - see Pesticide; Rain; Trifluralin; ...4.0061

INTERACTIONS OF SOIL MICROORGANISMS AND HERBICIDES ...Cellular Catabolism-see Degrad; Diquat; Paraquat; Rhizoctonia; Soil Microbiology; Trifluralin; ...4.0077

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Toxicity to Microorg; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Leaching; Msma; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Loam -see Soil Types; Pesticide Persistance in Soils; Silty Soils; Soil Moisture; Soil Temp -non-specific; ...4.0084

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Gossypium; Herbicides and Other Chem; Malvaceae; Pesticide Formulation; Prometryne; Respiration; Seeds; ...4.0190

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Adenosine Diphosphate; Glycine; Herbicides and Other Chem; Oligomycin; Pesticide Formulation; Pesticide Phytotoxicity; Triazines -nonspecific; ...4.0215

FUNDAMENTAL STUDIES ON WEED CONTROL ...Fungicides - nonspecific; Herbicides and Other Chem; Liquids Or Sprays; Pesticide Evaluation; Pesticides Compatibility; Prometryne; Space Competition; ...4.0331

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Diuron; Gossypium; Herban; Liquids Or Sprays; Pesticide Evaluation; Planavin; Prometryne; Trifluralin; ...4.0379

INTERACTION OF COMBINATIONS OF HERBICIDES AND OTHER PESTICIDES IN COTTON PRODUCTION ...Aliphatic Carbamates; Cyclic Organic Cpds. --(1 Or ; Diuron ; Malvaceae; Pesticide Evaluation; Planavin; Trifluralin; ...4.0381

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Diuron; Gossypium; Msma; Pesticide A. 'on on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Fomes; Helminthosporium; Pesticide Evaluation; Pythium; Rhizosphere; Soil Microbiology; Soil pH; ...4.0923

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cassia; Foliar Absorption; Leaf Analysis; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; Root Absorption; ...4.1018

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Atrazine; Bioassay; Environment Accumulation Rates; Loam -

see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Prometryne; Soil Types -also See Specifics; ...4.1035

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

Cp-53619

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides - other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

Cycloate

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Equipment; Labiatae; Nematoda; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

EFFECTS OF HERBICIDES ON QUALITY AND CHEMICAL COMPOSITION OF FRESH AND PROCESSED VEGETABLES ...Diphenamid; Lycopersicum; Pesticide Organoleptic Prop.; Phaseolus; Vegetables; ...4.0217

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

SUGAR BEET DISEASES ...Amaranthaceae; Pesticide Evaluation; Pesticide Interaction -gen.; Pyrazon; Tillam; ...4.0245

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Amaranthaceae; Chenopodiaceae; Convolvulaceae; Dicamba; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Absorption -other; Translocation; ...4.0249

WEED CONTROL IN SUGAR BEETS ...Amaranthaceae; Chenopodiaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; ...4.0525

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T; 2,4,5-; Triticum; ...4.1069

D, 2,4-

CONTROL OF AQUATIC WEEDS ...Chemical Analysis (water); Connecticut; Dichlobenil; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticide Residues; ...2.0088

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Erosion; Oregon; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Soil Chemical Properties; Surface Active -other; Water Pollutants - Path of; ...2.0330

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; Dichlobenil; Haloragaceae; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Simazine; ...4.0004

CONTROL METHODS FOR JUNIPERS, SHRUB LIVE OAK, AND ASSOCIATED WEEDS ...Climates -general; Fenuron; Granules; Capsules; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Plants - Dicotyledons; ...4.0007

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

HERBICIDE RESIDUES ...Acrolein; Contamination - Soil; Fixed Copper; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Xylene; ...4.0018

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules; Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; Chemical Analysis; Low Temp. - But Above 32f; Pesticide Action on Plants; Pesticide Residues; Plant Resistance; Soil Microbiology; Translocation; ...4.0032

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Aerosols - Smokes, Fogs, Steam; Climates -general; DDE; Endrin; Monitoring Systems; Pesticide Phytotoxicity; Radioisotopes -nonspecific; ...4.0033

EQUIPMENT AND PROCEDURES FOR CONTROL OF WEEDS AND BRUSH ...Granules, Capsules; Irrigation; Pesticide Application Equip.; Pesticide Interaction With Env; Physical Control; Zea Mays - Field Corn; ...4.0050

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T; 2,4,5-; Watersheds; ...4.0060

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0069

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; Fish; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Zea Mays - Field Corn; ...4.0074

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

THE ROLE OF MICROFLORA IN THE PERSISTENCE AND DECOMPOSITION OF PESTICIDE RESIDUES ...Biodegradation-see Degradation; Chlorine; Degradation; Microorganism-see Cell Catab.; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; ...4.0151

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Climates -general; Environment Accumulation Rates; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...4.0155

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Leaching; Oregon; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Organic Content; Soil Profile; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

FOREST PRACTICE ALTERNATIVES IN CENTRAL ALABAMA ...Atrazine; Economic Feasibility; Forest Management; Liquids Or Sprays; Pesticide Evaluation; Pinus -nonspecific; Simazine; ...4.0206

RESPROUTING OF CHAPARRAL ...Granules, Capsules; Pesticide Evaluation; Pesticides -see Pesticide; Plant Phenology; Quercus; T, 2,4,5-; ...4.0234

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdaa; Chemical Analysis; Citrus; Gel Chromatography; Naa; Pesticide Residues; Vernolate; ...4.0237

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Rain; Sulfhydryl Compounds; Vegetables; ...4.0309

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Air Pollution, Bioassay, Monitoring Systems, Preventative Measures; ...4.0311

CYTOGENETIC EFFECTS OF ATRAZINE ON GRAIN SORGHUM ...Atrazine; Pesticide Action on Plants; Pesticide Phytotoxicity; Sorghum; ...4.0321

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit; Nut, and Berry Crops; Horticultural Crops - general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Contamination - Soil; Dalapon; Nitrification; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Pseudomonas; Soil Fungi -nonspecific; Soil Microbiology; ...4.0330

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Herbicides and Other Chem; Pesticide Formulation; Picloram; Plant Succession; ...4.0395

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; Diuron; Pesticide Application Rates; Pesticide Formulation; Pesticide Safety Measures; Simazine; Terbacil; Vitaceae; ...4.0415

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Agropyron; Cyperaceae; Dalapon; Medicago; Pesticide Degradation -see Deg; Pesticide Interaction With Env; Pesticide Residues; 2,4-db; ...4.0419

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant; Solanum; ...4.0435

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; Panicum -other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Tillage; Zea Mays - Field Corn; ...4.0445

INVESTIGATIONS ON THE INFLUENCE OF HERBICIDES IN RELATION TO CROP PRODUCTION ...Climates -general; Herbicides and Other Chem; Pinum; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0452

FACTORS INFLUENCING THE EFFECTIVENESS OF HERBICIDES ...Agricultural Runoff; Betulaceae; Diuron; Irrigation; Pesticide Evaluation; Plant Growth Regulators -ns.; Soil Types - also See Specifics; ...4.0453

DEVELOPMENT OF AERIAL & GROUND TREATMENTS FOR CHEMICAL CONTROL OF BRUSH SPECIES IN FOREST LANDS ...Air Pollution -see Specifics; Forest Litter, Duff & Humus; Pesticide Evaluation; Picloram; ...4.0458

MICROANALYSIS TECHNIQUE TO DETECT HERBICIDES AND THEIR DEGRADATION ...Atrazine; Chemical Analysis; Pesticide Action on Plants; Plant; ...4.0460

MECHANISMS OF PLANT GROWTH REGULATION ...Avena Sativa; Growth Substances; Hydrogen; Pesticide Phytotoxicity; Respiration; Ultra Violet Radiation; ...4.0461

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; Dmso; Gramineae; Growth; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0490

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

RESPONSE OF PLANTS TO HERBICIDES ...Amino Triazole; Foliar Absorption; Pesticide Interaction -gen.; Pesticide Residues; Plant Absorption -other; Temperature - Air; ...4.0507

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0509

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Chemical Analysis; Environment Accumulation Rates; Pesticide Rates -general; Residues in Foods; ...4.0526

REMOVAL OF COMPETING PAMPAS GRASS (CORTADERIA SELLOANA) FROM REDWOOD REFORESTATION AREAS ...Gramineae; Mammals -nonspecific; Pesticide Application Rates; Pesticide Formulation; Picea; Sequoia; ...4.0541

EFFECTS OF SAGEBRUSH CONTROL ON DISTRIBUTION AND ABUNDANCE OF SAGE GROUSE ...Birds; Grouse; Temporal Distribution; ...4.0574

INSECTICIDE METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Birds; Developmental Physiology; Insect Chemosterilants -ns.; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues in Feeds; ...4.0607

2,4-D UPTAKE AND METABOLISM - METABOLISM OF PESTICIDES IN FISH ...Carassius Auratus; Carbon; Ictalurus Punctatus; Laboratory Animals; Salmo Gairdneri; ...4.0728

UPTAKE AND METABOLISM BY FISH OF 2,4-D DIMETHYL AMINE SALT ...Carbon; Ictalurus Punctatus; Pesticide Formulation; Salmo Gairdneri; ...4.0730

EVALUATION OF THE ANIMAL AND HUMAN COMPLAINTS FOLLOWING THE SPRAYING OF SILVEX, 2,4,5-T AND 2,4-D IN GLOBE, ARIZONA ...Arizona; Domestic Animals; Liquids Or Sprays; Pesticide Toxicity in Humans; T, 2,4,5-; ...4.0789

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Amino Triazole; Laboratory Animals; Metabolites From Pesticides; Muridae; PMA; ...4.0819

SELECTIVITY AND MODE OF ACTION OF HERBICIDAL CHEMICALS ...Atrazine; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Absorption - other; ...4.0834

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; Cell Injury and Autolysis; Dicamba; Herbicides and Other Chem; Pesticide Action on Plants; Phaseolus; Propachlor; Translocation; ...4.0875

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; Food Contamination; Pesticide in Food Chains; Pesticide Persistance in Soils; Pesticide Residues; Poultry -nonspecific; Translocation; ...4.0952

ANALYTICAL METHODS FOR HERBICIDES AND RESIDUES ...Chemical Analysis; Gas Chromatography; Metabolites From Pesticides; Pesticide Residues; Solvents Or Carriers; Temperature - Air; ...4.1027

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analysis; Diazinon; Gas Chromatography; Malathion; Methoxychlor; Ponds; Thin Layer Chromatography; ...4.1061

MISCELLANEOUS CHEMICAL INVESTIGATIONS ...Chemical Analysis; Cirsium; Electrochemistry; Insecticides -nonspecific; Pesticide Evaluation; ...4.1067

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...Liquids Or Sprays; Maloran; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals; Phleum; Silvex; Terbacil; Zea Mays - Field Corn; ...4.1083

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES ...Pesticide Action on Plants; Pesticide Residue Analysis; Residues in Foods; Storage Changes; ...4.1094

DEVELOP MICROANALYSES FOR DETECTION OF HERBICIDES AND METABOLITES IN PLANT TISSUE ...Atrazine; Chemical Analysis; Diuron; Hydrogen; Pesticide Action on Plants; Phaseolus; Plant; ...4.1105

Dacthal

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. -(1 Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

REACTIONS OF VEGETABLE CROPS TO APPLIED CHEMICALS, EXCLUSIVE OF NUTRIENTS ...Allium; Cucumis Melo; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0241

CHEMICAL CONTROL OF WEEDS IN POTATOES ...Cyclic Organic Cpds. -(1 Or ; Diphenamid ; Pesticide Action on Plants; Pesticide Phytotoxicity; Solanum; ...4.0253

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl. Adsorption); Chemical Analysis; Cyclic Organic Cpds. -(1 Or ; Diphenamid ; Lycopersicum; Pesticide Organoleptic Prop.; Radioisotopes -nonspecific; Solanum; Vegetables; ...4.0437

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0490

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Cucurbita; Dicamba; Herbicides and Other Chem; Medicago; Pesticide Application Rates; Plant Resistance; Pyrazon; ...4.0495

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; Cell Injury and Autolysis; D, 2,4-; Dicamba; Herbicides and Other Chem; Pesticide Action on Plants; Phaseolus; Propachlor; Translocation; ...4.0875

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Microorganism-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

A STUDY OF THE HORTICULTURE SPECIALTY INDUSTRY IN MISSISSIPPI ...Brassica Species; Lycopersicum; Residues in Foods; Trifluralin; ...4.1053

Dalapon

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Aquatic Soils; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Formulation; Pesticide Residues; Ponds; Typhaceae; ...4.0006

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vcs-438; ...4.0277

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

SOUTHEAST KANSAS EXPERIMENTAL FIELD ...Carya; Drainage; Fruit, Nut, and Berry Crops; Juglans; Ornamentals; Pesticide Evaluation; Pesticide Residues; Vegetables; ...4.0326

WEED CONTROL IN HORTICULTURAL CROPS ...Iridaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Simazine; ...4.0328

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Contamination - Soil; Nitrification; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Pseudomonas; Soil Fungi -nonspecific; Soil Microbiology; ...4.0330

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Herbicides -nonspecific; Panicum -other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

TRANSLOCATION OF HERBICIDES IN NUTGRASS AND JOHNSONGRASS ...Carbon; High Temp. - 85f Or Above; Pesticide Action on Plants; Plant Absorption -other; Surfactants - Wetting Agents; ...4.0377

PRINCIPLES AND PRACTICES FOR CONTROL OF JOHNSONGRASS IN SOYBEANS ...Alanap; Diuron; Formulations -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Compaction Or Density; ...4.0391

RESPONSE OF PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Amino Triazole; Environment Accumulation Rates; Pesticide Evaluation; Pesticide Residues; Riparian Plants; TCA; ...4.0393

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Agropyron; Cyperaceae; Medicago; Pesticide Degradation -see Deg; Pesticide Interaction With Env; Pesticide Residues; 2,4-db; ...4.0419

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Granules; Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

MACHINES FOR ESTABLISHMENT AND MANAGEMENT OF CROPS AND PASTURE ...Benefin; Eptam; Pesticide Evaluation; Soil Compaction Or Density; 2,4-db; ...4.0515

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T; 2,4,5-; Triticum; ...4.1069

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D; 2,4-; Liquids Or Sprays; Maloran; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals; Phleum; Silvex; Terbacil; Zea Mays - Field Corn; ...4.1083

Dbee, -2,4-

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; D; 2,4-; Dichlobenil; Haloragaceae; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Simazine; ...4.0004

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Fish; Haloragaceae; Paraquat; Pesticide Evaluation; Pesticide in Food Chains; Ponds; ...4.0529

Dicamba

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Chenopodiaceae; Pesticide Action on Plants; Pesticide Persistance in Soils; Plant Resistance; Soil Aeration; Soil Moisture; Temperature - Air; ...4.0091

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage; Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

PLANT RESPONSE TO ORGANIC CHEMICALS IN THE ROOT ENVIRONMENT ...Absorption (incl. Adsorption); Amiben; Cellular Catabolism-see Degrad; Mutagenesis -nonspecific; Pesticide Degradation -see Deg; Plant Resistance; ...4.0154

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D; 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0178

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

FACTORS AFFECTING THE TOXICITY AND SELECTIVITY OF PRE-EMERGENCE SOIL HERBICIDES ...Anaerobic Bacteria; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Pesticide Residues Removal; Pyrazon; Soil Fungi -nonspecific; Soil Types -also See Specifics; ...4.0247

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Residues; Pyrazon; Soil Microbiology; Soil Temp. -non-specific; ...4.0248

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Amaranthaceae; Chenopodiaceae; Convolvulaceae; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Absorption -other; Translocation; ...4.0249

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Mama; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

RESPONSE OF PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Amino Triazole; Dalapon; Environment Accumulation Rates; Pesticide Evaluation; Pesticide Residues; Riparian Plants; TCA; ...4.0393

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Herbicides and Other Chem; Pesticide Formulation; Picloram; Plant Succession; ...4.0395

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Cucurbita; Herbicides and Other Chem; Medicago; Pesticide Application Rates; Plant Resistance; Pyrazon; ...4.0495

RESPONSE OF PLANTS TO HERBICIDES ...Amino Triazole; D; 2,4-; Foliar Absorption; Pesticide Interaction -gen.; Pesticide Residues; Plant Absorption -other; Temperature - Air; ...4.0507

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0509

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Chemical Analysis; D; 2,4-; Environment Accumulation Rates; Pesticide Rates -general; Residues in Foods; ...4.0526

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; Cell Injury and Autolysis; D; 2,4-; Herbicides and Other Chem; Pesticide Action on Plants; Phaseolus; Propachlor; Translocation; ...4.0875

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T; 2,4,5-; Triticum; ...4.1069

Dichlobenil

CONTROL OF AQUATIC WEEDS ...Chemical Analysis (water); Connecticut; D; 2,4-; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticide Residues; ...2.0088

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; D; 2,4-; Haloragaceae; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Simazine; ...4.0004

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Actinomycin; Cellular Biosynthesis; Cucurbita; Endothall Growth Substances; Nitrogen Metabolism; Pesticide Action on Plants, ...4.0223

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus, Cynodon; Fruit, Nut, and Berry Crops; Granules, Capsules, Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides - other; Planavin; Reproductive Physiology; Simazine; Trifluralin, ...4.0230

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds -nonspecific; ...4.0240

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants, Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vcs-438, ...4.0277

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS ...Cipc; Florida; Fruit, Nut, and Berry Crops; Herbicides - nonspecific; Mineral Nutrition; Pesticide Phytotoxicity; Prunus Persica; Vitaceae; ...4.0279

INVESTIGATIONS WITH ORNAMENTAL PLANTS ...Climates - general; Kansas; Ornamentals; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0322

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; D, 2,4-; Diuron; Pesticide Application Rates; Pesticide Formulation; Pesticide Safety Measures; Simazine; Terbacil; Vitaceae; ...4.0415

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...4.0418

WEED CONTROL STUDIES WITH HORTICULTURAL CROPS ...Amino Triazole; Paraquat; Pesticide Application Rates; Pesticide Interaction With Env; Soil Environment -other; Vegetables; Zea Mays - Sweet Corn; ...4.0438

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil, ...4.0504

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Aquifoliaceae; Conifers; Granules, Capsules; Ornamentals; Pesticide Application Rates; Pinus (other Specifics); Senecio; Soil Types -also See Specifics; Washington; ...4.0510

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Aquifoliaceae; Ericaceae; Juniperus; Pesticide Action on Plants; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; Simazine; Terbacil; ...4.0761

WEED CONTROL IN FRUIT CROPS, WITH SPECIAL REFERENCE TO APPLE AND PEACH ...Economics of Chemical Control; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Prunus Persica; Simazine; ...4.0936

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides -other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Groundwater; Pesticide Legal Aspects; Pesticide Persistance in Soils; Soil Chemical Properties; Terbacil; Water Pollutants - Path of; ...4.1091

Dichloroaniline

MICROBIOLOGY AND BIOCHEMISTRY OF PESTICIDES IN SOIL ...Actinomycetes -nonspecific; Azobenzene; Cipc; Fusarium; Pesticide Degradation -see Deg; Propanil; Soil Microbiology; ...4.0117

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Enzymes; Metabolites From Pesticides; Pesticide Action on Plants; Pesticide Aquatic Cycling; Plant; Propanil; ...4.0966

Diphenamid

FATE OF PESTICIDES IN CLAY AND SOIL SYSTEMS ...Clay Soils; Linuron; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0147

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

TRANSLOCATION AND DEGRADATION OF HERBICIDES IN PLANTS ...Benefin; Bensulide; Carbon; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Plant Absorption -other; ...4.0188

EFFECTS OF HERBICIDES ON QUALITY AND CHEMICAL COMPOSITION OF FRESH AND PROCESSED VEGETABLES ...Cycloate; Lycopersicum; Pesticide Organoleptic Prop.; Phaseolus; Vegetables; ...4.0217

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or ; Linuron ; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

CHEMICAL CONTROL OF WEEDS IN POTATOES ...Cyclic Organic Cpds. --(1 Or ; Dacthal ; Pesticide Action on Plants; Pesticide Phytotoxicity; Solanum; ...4.0253

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming -vegetables; ...4.0272

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

WEED CONTROL IN HORTICULTURAL CROPS ...Dalapon; Iridaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Simazine; ...4.0328

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...4.0418

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl. Adsorption); Chemical Analysis; Cyclic Organic Cpds. --(1 Or ; Lycopersicum ; Pesticide Organoleptic Prop.; Radioisotopes -nonspecific; Solanum; Vegetables; ...4.0437

TOBACCO PLANT BED MANAGEMENT RESEARCH ...Nematoda; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0477

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Blades; Chemical Tillage Or Nontillage; Dacthal; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazinon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mcs-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

Diquat

FATE OF AQUATIC HERBICIDES IN THE AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; Endothall; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Residues; Potable Water; Water Pollutants - Path of; ...2.0127

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS

...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; D, 2,4-; Dichlobenil; Haloragaceae; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Simazine; ...4.0004

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Fish; Granules; Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

INTERACTIONS OF SOIL MICROORGANISMS AND HERBICIDES ...Cellular Catabolism-see Degrad; Paraquat; Rhizoctonia; Soil Microbiology; Trifluralin; ...4.0077

CHEMISTRY OF ADSORPTION OF PESTICIDES ON SOIL SILICATES ...Chromatography; Humidity; Paraquat; Pesticide Persistance in Soils; Soil Chemical Properties; Soil pH; ...4.0157

USE OF HERBICIDES TO CONTROL WEEDS IN FORAGES ...Benefin; Cipc; Fertilizers; Medicago; Planavin; Trifluralin; ...4.0350

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth, Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine; Bromus; Festuca; Paraquat; Pesticide Persistance in Soils; Prometryne; Terbacil; Trifolium; ...4.0457

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Dpee, -2,4-; Fish; Nymphaeaceae; Paraquat; Pesticide Evaluation; Pesticide in Food Chains; Ponds; ...4.0529

REMOVAL OF COMPETING PAMPAS GRASS (CORTADERIA SELLOANA) FROM REDWOOD REFORESTATION AREAS ...D, 2,4-; Gramineae; Mammals -nonspecific; Pesticide Application Rates; Pesticide Formulation; Picea; Sequoia; ...4.0541

NORMAL AND MODIFIED PLACENTAL TRANSFER AND TISSUE DISTRIBUTION OF ENVIRONMENTAL AGENTS ...Developmental Physiology; Dieldrin; Environmental Effects - Human; Laboratory Animals; Mammals -nonspecific; Paraquat; Pesticide Action on Animals; ...4.0788

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF HERBICIDAL ACTION ...Chemical Analysis; Diuron; Herbicides and Other Chem; Picloram; Planavin; Silvex; ...4.0842

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis; Quinone Cpds. - nonspecific; Triazines -nonspecific; ...4.1086

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

CHARACTERIZATION OF SOIL & VEGETATION TO SERVE AS A BASIS FOR FUTURE EVALUATIONS OF RADIOACTIVE CONTAMINATION EFFECTS (ABBREV) ...Absorption (incl. Adsorption); Chemical Extraction; Paraquat; Radioactive Fallout; Soil Water Plant Relationships; Water Pollutants - Path of; ...5.0570

Diuron

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION ...Atrazine; Bromacil; Citrus; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Carriers -non-liquid; Cotoran; Gossypium; Msma; Pesticide Drift; Pesticide Interaction With Env; Thimet; ...4.0035

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC ...Boraginaceae; Convolvulaceae; Glycine; Mcpa; Pbu; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0069

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Fusarium; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Toxicity to Microorg; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

WEED CONTROL IN COTTON AND OTHER AGRONOMIC CROPS UNDER IRRIGATED CONDITIONS ...Cultural Control; Pesticide Application Rates; Pesticide Residues; Physical Control; Thimet; ...4.0210

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vcs-438; ...4.0277

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS ...Cipc; Dichlobenil; Florida; Fruit, Nut, and Berry Crops; Herbicides -nonspecific; Mineral Nutrition; Pesticide Phytotoxicity; Prunus Persica; Vitaceae; ...4.0279

PESTICIDE RESIDUE CLEARANCE PROGRAM ...Araceae; Captan; Chemical Analysis; Liquids Or Sprays; Pentachlorophenol; Pesticide Residues; Residues in Foods; ...4.0297

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

FUNDAMENTAL STUDIES ON WEED CONTROL ...Cotoran; Fungicides -nonspecific; Herbicides and Other Chem; Liquids Or Sprays; Pesticide Evaluation; Pesticides Compatibility; Prometryne; Space Competition; ...4.0331

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Cellular Biosynthesis; Herbicides and Other Chem; Nitrogen Metabolism; Pesticide Action on Plants; Photosynthesis; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0340

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Gossypium; Herban; Liquids O Sprays; Pesticide Evaluation; Planavin; Prometryne; Trifluralin; ...4.0379

INTERACTION OF COMBINATIONS OF HERBICIDES AND OTHER PESTICIDES IN COTTON PRODUCTION ...Aliphatic Carbamates; Cyclic Organic Cpds -nf l Or ; Malvaceae ; Pesticide Evaluation; Planavin; Trifluralin; ...4.0381

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Gossypium; Msma; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

PRINCIPLES AND PRACTICES FOR CONTROL OF JOHNSONGRASS IN SOYBEANS ...Alanap; Formulations -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Compaction Or Density; ...4.0391

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Biological Effects; Chemical Effects; Herbicides and Other Chem; Metabolism of Algacides; Oxygen Content (water); Ponds; Water Quality -general; ...4.0392

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; D, 2,4-; Pesticide Application Rates; Pesticide Formulation; Pesticide Safety Measures; Simazine; Terbacil; Vitaceae; ...4.0415

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

FACTORS INFLUENCING THE EFFECTIVENESS OF HERBICIDES ...Agricultural Runoff; Betulaceae; Irrigation; Pesticide Evaluation; Plant Growth Regulators -ns-; Soil Types -also See Specifics; ...4.0453

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine; Bromus; Diquat; Festuca; Paraquat; Pesticide Persistance in Soils; Prometryne; Terbacil; Trifolium; ...4.0457

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Ametryn; Cyperaceae; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Formulation; Plant Resistance; Saccharum; Terbacil; ...4.0470

CONTROL OF WEEDS ...Ametryn; Pesticide Formulation; Pesticide Phytotoxicity; Pesticides -other; Puerto Rico; Saccharum; ...4.0471

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF HERBICIDAL ACTION ...Chemical Analysis; Herbicides and Other Chem; Picloram; Planavin; Silvex; ...4.0842

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Fomes; Helminthosporium; Pesticide Evaluation; Pythium; Rhizosphere; Soil Microbiology; Soil pH; ...4.0923

WEED CONTROL IN FRUIT CROPS, WITH SPECIAL REFERENCE TO APPLE AND PEACH ...Dichlobenil; Economics of Chemical Control; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Prunus Persica; Simazine; ...4.0936

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

EQUIPMENT AND METHODS FOR DECONTAMINATION AND DISPOSAL OF PESTICIDES AND PESTICIDE CONTAINERS ...Combustion; Formulations -nonspecific; Incineration; Nitrification; Pesticide Degradation -see Deg, Sevin; Waste Water Degradation; ...4.1052

DEVELOP MICROANALYSES FOR DETECTION OF HERBICIDES AND METABOLITES IN PLANT TISSUE ...Atrazine; Chemical Analysis; D, 2,4-; Hydrogen; Pesticide Action on Plants; Phaseolus; Plant; ...4.1105

Dma

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Cotoran; Leaching; Msma; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

PRINCIPLES AND PRACTICES FOR CONTROL OF JOHNSONGRASS IN SOYBEANS ...Alanap; Diuron; Formulations -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Compaction Or Density; ...4.0391

Endothall

FATE OF AQUATIC HERBICIDES IN THE AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Residues; Potable Water; Water Pollutants - Path of; ...2.0127

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Actimycin A; D, 2,4-; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules, Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Actinomycin; Cellular Biosynthesis; Cucurbita; Growth Substances; Nitrogen Metabolism; Pesticide Action on Plants; ...4.0223

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Hor-

deum Vulgare; Leguminosae; Pesticide Action on Plants, Plant Resistance; Urea Cpds -nonspecific; ...4.0240

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

Eptam

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Endrin; Filtration; Pesticide Formulation; Pesticide Residues Removal; Ponds; Rural Areas; ...4.0034

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Toxicity to Microorg; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdaa; Chemical Analysis; Citrus; D, 2,4-; Gel Chromatography; Naa; Pesticide Residues; Vernolate; ...4.0237

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vcs-438; ...4.0277

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides -Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

USE OF HERBICIDES TO CONTROL WEEDS IN FORAGES ...Benefin; Cipc; Diquat; Fertilizers; Medicago; Planavin; Trifluralin; ...4.0350

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Gossypium; Herban; Liquids Or Sprays; Pesticide Evaluation; Planavin; Prometryne; Trifluralin; ...4.0379

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl Adsorption); Chemical Analysis; Cyclic Organic Cpds -(1 Or ; Diphenamid ; Lycopersicum; Pesticide Organoleptic; Prop ; Radioisotopes -nonspecific; Solanum; Vegetables; ...4.0437

WEED CONTROL STUDIES WITH HORTICULTURAL CROPS ...Amino Triazole; Dichlobenil; Paraquat; Pesticide Application Rates; Pesticide Interaction With Env; Soil Environment -other; Vegetables; Zea Mays - Sweet Corn; ...4.0438

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Cucurbita; Dicamba; Herbicides and Other Chem; Medicago; Pesticide Application Rates; Plant Resistance; Pyrazon; ...4.0495

MACHINES FOR ESTABLISHMENT AND MANAGEMENT OF CROPS AND PASTURE ...Benefin; Pesticide Evaluation; Soil Compaction Or Density; 2,4-db; ...4.0515

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; Cell Injury and Autolysis; D, 2,4-; Dicamba; Herbicides and Other Chem; Pesticide Action on Plants; Phaseolus; Propachlor; Translocation; ...4.0875

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Fomes; Helminthosporium; Pesticide Evaluation; Pythium; Rhizosphere; Soil Microbiology; Soil pH; ...4.0923

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cassia; Cotoran; Foliar Absorption; Leaf Analysis; Pesticide Phytotoxicity; Plant Tissue Analysis -chem; Root Absorption; ...4.1018

Fenac

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0069

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Contamination - Soil; Dalapon; Nitrification; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Pseudomonas; Soil Fungi -nonspecific; Soil Microbiology; ...4.0330

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; DDT; Difolatan; Laboratory Animals; Methoxychlor; Muridae; Pesticide Persistance in Soils; Phaltan; ...4.0556

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Gas Chromatography; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; Residue in Foods; ...4.0770

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

Fenuron

CONTROL METHODS FOR JUNIPERS, SHRUB LIVE OAK, AND ASSOCIATED WEEDS ...Climates -general; Granules; Capsules; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds - nonspecific; Plants - Dicotyledons; ...4.0007

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Monuron; Pesticide Movement in Soils; Soil Chemical Properties; Soil Moisture; ...4.0156

USE OF FENURON IN CONTROL OF SCRUB OAK ...Granules; Capsules; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Pinus Taeda; Quercus; ...4.0173

Gs-16068

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem; Rhizobium; Soil ph; Trifluralin; ...4.0950

Herban

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Carriers -non-liquid; Cotoran; Gossypium; Msma; Pesticide Drift; Pesticide Interaction With Env; Thimet; ...4.0035

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Biomass; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Fenuron; Monuron; Pesticide Movement in Soils; Soil Chemical Properties; Soil Moisture; ...4.0156

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Gossypium; Liquids Or Sprays; Pesticide Evaluation; Planavin; Prometryne; Trifluralin; ...4.0379

INTERACTION OF COMBINATIONS OF HERBICIDES AND OTHER PESTICIDES IN COTTON PRODUCTION ...Aliphatic Carbamates; Cyclic Organic Cpds -(1 Or ; Diuron ; Malvaceae; Pesticide Evaluation; Planavin; Trifluralin; ...4.0381

EVALUATING NEW FUNGICIDES - Capsicum, Disulfoton, Granules, Capsules, Liquids Or Sprays, Pesticide Evaluation, Pesticide Phytotoxicity, Rain, Vegetables, ...4.0479

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON - Aquifoliaceae, Conifers, Granules, Capsules, Ornamentals, Pesticide Application Rates, Pinus (other Specifics), Senecio, Soil Types -also See Specifics, Washington, ...4.0510

Herbicides -nonspecific

FIELD BURNING AIR POLLUTION ABATEMENT INVESTIGATIONS - Air Pollution -see Specifics, General Sanitation Methods, Plant Residues, Humus, Compost, Planting Methods, Temperature - Air, ...1.0623

GROWTH SUPPRESSION AND REDUCTION IN REGROWTH POTENTIAL OF AQUATIC WEEDS - Acrolein, Nepadaceae, Pesticide Application Rates, Plant Pollutants, Potamogetonaceae Submerged Plants, ...2.0071

POLLUTION LOADS IN RUNOFF FROM SMALL AGRICULTURAL WATERSHEDS - Agricultural Runoff, Fertilizers, Pesticides -nonspecific, Pesticides -see Pesticide, Water Movement - general, ...2.0174

SOILS, PESTICIDES AND THE QUALITY OF WATER - Absorption (incl. Adsorption), Bioassay, Chemical Analysis, Degradation -see Pesticide Deg, Gas Chromatography, Infiltration, Pesticide Action on Plants, Pesticide Aquatic Cycling, Pesticide Interaction With Env, Pesticides -see Pesticide, Root Absorption, Soil Chemical Properties, Soil pH, Thin Layer Chromatography, Water Pollutants - Path of, ...2.0239

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA - Acidity (water), Alkalinity (water), Coliforms -nonspecific, North Carolina, Pesticides -nonspecific, Rainfall - Runoff Relationship, Turbidity (water), Urban Research -general, Water Pollution Sources, Watersheds, ...2.0288

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT - Clay Soils, Core Analysis, Drainage, Fertilizers, Groundwater Movement, Irrigation, Leaching, Moisture Deficiency, Pesticide Aquatic Cycling, Pesticides -see Pesticide, Soil Chemical Properties, Soil Density, Tension and Measurement, Water Table, ...2.0295

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS HIGH PLAINS AREA - Aquifers, Bacterial Pollutant Sources, Pesticide Aquatic Cycling, Pesticides -see Pesticide, Pliocene Epoch, Silting (water) -see Sediment, Water Bacteria, Water Pollution Sources, ...2.0386

ORGANIC SUBSTANCES IN WATER - Analysis and Detection, Chemical Analysis (water), Chlorinated Hydrocarbons, Distillation, Organic Matter, Pesticides -see Pesticide, Water Pollutant Identification, ...2.0496

THE BIOASSAY OF WATER POLLUTANTS WITH CULTURED MAMMALIAN CELLS - Bioassay, Detergents -see Surfactants, Pesticide Formulation, Pesticides -nonspecific, Water Pollutant Identification, ...2.0769

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) - Acidity (water), Captive Rearing, Contamination - Water, Environmental Influences, Fish Food Organisms, Mollusca, Pesticide Toxicity to Microorg, Pollution Effects -see Water, Temperature (water), Water Pollution Sources, ...2.1517

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER - Analysis and Detection, Liquids, Pesticide Aquatic Cycling, Pesticides -see Pesticide, Reflection, Soil Fertility, Water, ...2.1618

MICROBIOLOGY OF FARM PONDS - Algae -nonspecific, Animal Wastes - Feed Lots, Bacterial Identification, Bacterial Population Surveys, Cellular Catabolism -see Degrad, Degradation -see Pesticide Deg, Ecological Effects, Gram-negative Bacteria, Microorganisms -nonspecific, Pesticide Residues, Sanitary Landfills, Sewage Bacteria, Water Bacteria, ...2.1776

ENGINEERING TECHNOLOGY FOR APPLICATION OF AGRICULTURAL CHEMICALS - Chemical Analysis, Insecticides -nonspecific, Low Volume, Pesticide Application Rates, Physical Control, ...4.0001

ENGINEERING SYSTEMS FOR COTTON PRODUCTION - Computer Methods -general, Gossypium, Insecticides -nonspecific, Liquids Or Sprays, Models of Biological Systems, Pesticide Action on Plants, Pesticide Drift, ...4.0002

NAVY ENVIRONMENT - BIOLOGICAL DEGRADATION OF PESTICIDES IN THE MARINE ENVIRONMENT - Biodegradation, Environment, Marine Pollution, Pesticide Safety Measures, Pesticides -other, ...4.0015

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY - Agricultural Runoff, Algae -nonspecific, Aquatic Plants -nonspecific, Chemical Analysis (water), Contamination - Water, Environment Accumulation Rates, Fruit, Nut, and Berry Crops, Metabolism of Algicides, Pesticide Aquatic Cycling, Pesticide Toxicity to Microorg, Photosynthesis, Plant Freshwater Ecology, ...4.0040

DISPOSING OF SURPLUS PESTICIDES AND PESTICIDE CONTAINERS - Chemical Degradation, Disposal, Insecticides -nonspecific, Nematocides -nonspecific, Pesticide Residues Removal, Waste Type, ...4.0046

EQUIPMENT AND PROCEDURES FOR CONTROL OF WEEDS AND BRUSH - D, 2,4-, Granules, Capsules, Irrigation, Pesticide Application Equip, Pesticide Interaction With Env, Physical Control, Zea Mays - Field Corn, ...4.0050

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION - Agricultural Runoff, Climates -general, Drainage, Fertilizer Losses, Plume Studies, Mineralogy, North Carolina, Pesticide Movement in Soils, Phosphorus and Phosphorus Cpds, Soil - Crop Relationships, Soil Chemical Properties, Soil Moisture, T, 2,4,5-, Watersheds, ...4.0060

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS - Clay Soils, Formulations -nonspecific, Loam -see Soil Types, Organic Soils -see Soils, Pesticide Formulation, Pesticide Volatility, Physical Degradation, Sandy Soils -see Soil Type, Soil Microbiology, Soil Organic Content, ...4.0097

HERBICIDE EQUILIBRIA OF LATOSOLIC SOIL - Atrazine, Hawaii, Microorganism-see Cell Catab, Pesticide Interaction With Env, Soil Chemical Properties, ...4.0101

STRUCTURAL CHEMISTRY OF SOIL HUMIC SUBSTANCES - Adsorption, Chelation & Complexing, Hydrolysis, Esterification, Organic Soils -see Soils, Pesticides -nonspecific, Reduction Reactions, Soil Chemical Properties, Soil Microbiology, ...4.0106

CONTROL OF PESTICIDES IN SOIL AND WATER - Absorption (incl. Adsorption), Environment Accumulation Rates, Heptachlor Epoxide, Herbicides and Other Chem, Pesticide Drift, Pesticide Persistance in Soils, Pesticide Residues, Plant Absorption -other, Water Pollutants - Path of, ...4.0121

RELATIONSHIP OF PESTICIDES IN SOIL, WATER AND PLANTS - Contamination - Soil, Invertebrates -nonspecific, Pesticide Aquatic Cycling, Pesticide Movement in Soils, Pesticides -see Pesticide, Soil Microbiology, Water Pollutants - Path of, ...4.0126

THE INTERACTION OF MICROORGANISMS AND PESTICIDES - Cellular Catabolism-see Degrad, Fungicides -nonspecific, Microorganism-see Cell Catab, Pesticide Degradation -see Deg, Pesticide Interaction -gen, Soil Fungi -nonspecific, Soil Microbiology, ...4.0140

INTERACTION OF HERBICIDES AND SOIL MICROORGANISMS - Chlorinated Hydrocarbons, Degradation -see Pesticide Deg, Microorganisms -nonspecific, Pesticide Persistance in Soils, Pesticide Residues Removal, Soil Aeration, Soil Microbiology, ...4.0153

PHYSIOLOGY AND CONTROL OF WITCHWEED IN CORN - Environment Accumulation Rates, Pesticide Evaluation, Pesticide Phytotoxicity, Seeds, ...4.0158

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM - Betulaceae, DDT, Degradation -see Pesticide Deg, Forest Litter, Duff & Humus, Forest Watersheds, Nitrogen Cycle -see Denitrif, Pesticide Aquatic Cycling, Pesticide Persistance in Soils, Pesticide Safety Measures, Soil Microbiology, Soil Organic Content, Water Pollutants - Path of, ...4.0164

REPLACEMENT OF CULTIVATION WITH CHEMICALS - Algae -nonspecific, Bacteria -nonspecific, Chenopodiaceae, Poland, Soil Chemical Properties, Soil Moisture, Tillage, Cropping Systems, ...4.0168

FATES OF AGRICULTURAL CHEMICALS IN SOILS - Agricultural Runoff, Environment Accumulation Rates, Fertilizers, Groundwater, Pesticide Aquatic Cycling, Pesticide Movement in Soils, Pesticides -nonspecific, Snowmelt, Soil Chemical Properties, South Dakota, Water Pollutants - Path of, ...4.0176

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS - Bioassay, Pesticide Interaction With Env, Pesticide Persistance in Soils, Pesticide Residues, Soil Types -also See Specifics, ...4.0177

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS - Agricultural Runoff, Chenopodiaceae, Erosion, Great Plains Province, Herbicides and Other Chem, Pesticide Evaluation, Plant Residues, Humus, Compost, Silty Soils, Soil Moisture, Sorghum, Triticum, ...4.0181

PERSISTENCE AND MODES OF HERBICIDE DISSIPATION UNDER RANGELAND CONDITIONS - Bioassay, Pesticide

Aquatic Cycling, Pesticide Movement in Soils, Pesticide Persistance in Soils, Pesticide Rates -general, Pesticide Residues, 4.0183

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER Agricultural Runoff, Aquifers, Atrazine, Environment Accumulation Rates, Groundwater Movement, Lakes, Pesticide Aquatic Cycling, Pesticide Movement in Soils, Pesticide Residues, Pesticides -see Pesticide, Playas, Ponds, Rain, Slope, Soil Moisture, Texas, Water Pollutants - Path of, 4.0185

CONTROLS FOR MAJOR COTTON DISEASES IN SOUTHEASTERN U. S. INCLUDING RESISTANCE Fungal Resistance, Fusarium, Nematode Resistance, Pesticide Phytotoxicity, Verticillium, 4.0200

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES Air Pollution -see Specifics, Chlorine, Pesticide Action on Plants, Temperature - Air, 4.0211

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES Air Pollution -see Specifics, Pesticide Action on Plants, Plant Physiological Ecology, Seeds, 4.0234

COMPARATIVE BIOCHEMISTRY OF HERBICIDES Carbon, Enzymes, Herbicides and Other Chem, Pesticide Toxicity in Humans, 4.0235

CONTROL OF WEEDS AND INSECTS IN SUGAR BEETS Chenopodiaceae, Pesticide Action on Plants, Pesticide Phytotoxicity, 4.0246

PRODUCTION AND QUALITY OF APPLES IN HIGH DENSITY PLANTINGS USING DWARFING ROOTSTOCKS B9, Fruit, Nut, and Berry Crops, Irrigation, Pathological Physiology, Pesticide Phytotoxicity, Phytophthora Pyrus Malus, 4.0250

HERBICIDE SCREENING STUDIES ON SUGAR BEETS Bioassay, Computer Methods -general, Pesticide Evaluation, Pesticide Residues, 4.0251

ECOLOGICAL RECORDS ON ELGIN AFB RESERVATION Bactericides -nonspecific, Florida, Liquids Or Sprays, Pesticide Application Equip., Plant Biomass, 4.0269

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION Alachlor, Cucumis Sativus, Cynodon, Diphenamid, Lactuca, Nematicides -nonspecific, Papaveraceae, Pesticide Evaluation, Pesticide Phytotoxicity, Planavin, Portulacaceae, Soil Moisture, Truck Farming -vegetables, 4.0272

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS Citrus, Dichlobenil, Florida, Fruit, Nut, and Berry Crops, Mineral Nutrition, Pesticide Phytotoxicity, Prunus Persica, Vitaceae, 4.0279

THE EFFECT OF HERBICIDES ON GROWTH, YIELD, AND LONGEVITY OF PEACH TREES Fruit, Nut, and Berry Crops, Management Effects, Pesticide Phytotoxicity, Soil Compaction Or Density, 4.0285

WEED CONTROL IN NURSERY STOCK Mulches, Pesticide Action on Plants, Pesticide Application Rates, Pesticide Evaluation, Pesticide Persistance in Soils, Potted Plants -see Ornamentals, 4.0286

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS Arachis, Degradation, Gossypium, Loam -see Soil Types, Nitrogen and Nitrogen Cpds., Pesticide Degradation -see Deg, Sandy Soils -see Soil Type, Soil Chemical Properties, Soil Microbiology, Zea Mays - Field Corn, 4.0288

POTENTIAL EFFECTS OF HERBICIDES ON PLANT METABOLITES AND RESIDUES IN CROPS AND SOIL Bioassay, Nitrogen and Nitrogen Cpds, Pesticide Application Rates, Pesticide Phytotoxicity, Plant, 4.0301

SUGAR BEET VARIETAL AND HERBICIDE INVESTIGATIONS Chenopodiaceae, Disease Resistance, Pesticide Action on Plants, Pesticide Application Rates, Pesticide Evaluation, Pesticide Residues, Sorghum, 4.0313

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS Bioassay, Corva, Fruit, Nut, and Berry Crops, Growth Substances, Herbicides and Other Chem, Photosynthesis, Radioisotopes -nonspecific, Tilia, 4.0315

FIELD EVALUATION OF HERBICIDES Kansas, Pesticide Application Rates, Pesticide Evaluation, Pesticide Persistance in Soils, Plant Resistance, Sorghum, Triticum, 4.0324

CONTROLLING THE RESPONSES OF CROP AND WEED PLANTS TO HERBICIDES Algae - Euglenophyta, Gossypium, Herbicides and Other Chem, Pesticide Action on Plants, Plant Tissue Analysis -chem., 4.0329

FACTORS INFLUENCING PLANT RESPONSES TO HERBICIDES Adjuvants, Biology, Control, Liquids Or Sprays, Pesticide Action on Plants, Pesticide Safety Measures, Plant Absorption -other, 4.0341

CHEMICAL WEED CONTROL IN FIELD CROPS Alachlor, Chenopodiaceae, Daiapon, Panicum -other, Pesticide Application Rates, Pesticide Interaction With Env, Pesticide Residues, Petroleum Cpds -nonspecific, Pyrazon, Sutan, Zea Mays - Field Corn, 4.0360

WEED CONTROL IN SORGHUM Bioassay, Pesticide Evaluation, Pesticide Phytotoxicity, Pesticide Residues, Soil Tillage, Sorghum, 4.0371

WEED CONTROL IN SOYBEANS Bioassay, Glycine, Pesticide Action on Plants, Pesticide Evaluation, Pesticide Residues, 4.0372

THE USE OF HERBICIDES FOR WEED CONTROL IN COTTON Bioassay, Economics of Chemical Control, Pesticide Application Rates, Pesticide Phytotoxicity, Soil Tillage, 4.0373

ABSORPTION, TRANSLOCATION, AND METABOLISM OF HERBICIDES BY CROP AND WEED SPECIES Absorption (incl Adsorption), Amthen Gramineae -other, Herbicides and Other Chem, Mississippi, Radioisotopes -nonspecific, 4.0374

MICROBIAL DEGRADATION OF HERBICIDES Microorganisms -nonspecific, Pesticide Degradation -see Deg, Soil Microbiology, 4.0378

DEVELOPMENT OF PRACTICES FOR THE CONTROL OF ANNUAL WEEDS IN SOYBEANS Glycine, Pesticide Application Rates, Pesticide Phytotoxicity, 4.0382

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS Aliphatic Carbamates, Azodrin, Dusts, Gu 6506, Granules, Capsules, Hercules 13482, Methomyl, Pesticide Phytotoxicity, Plant Population Dynamics -gen, 4.0383

THE INTERACTION OF HERBICIDES WITH OTHER APPLIED PESTICIDES Fungicides -nonspecific, Nematocides -nonspecific, Pesticide Evaluation, Pesticides Compatibility, 4.0387

CHEMICAL WEED CONTROL IN COTTON Economics of Chemical Control, Gossypium, Pesticide Evaluation, Pesticide Persistance in Soils, Pesticide Phytotoxicity, 4.0388

IMPROVEMENT OF OIL SEED CROPS THROUGH THE DEVELOPMENT OF SUPERIOR VARIETIES AND CULTURAL METHODS Alternaria, Fungal Resistance, Helianthus, Irrigation, Linaceae, Pesticide Application Rates, Planting Method, 4.0394

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS Allium, Brassica Species, Capsicum, Cucumis Sativus, Fragaria, Hordeum Vulgare, Lycopersicum, Pesticide Action on Plants, Phaseolus, Panicum, Triticum, Zea Mays, Sweet Corn, 4.0398

SUGAR BEETS FOR PENNSYLVANIA Chenopodiaceae, Irrigation, Pesticide Residues, Soil Depth, Soil Fertility, 4.0462

THE ROLE OF RHIZOSPHERE MICROORGANISMS IN THE ACTION OF HERBICIDES ON PLANTS Ammonification Or Decay, Fungicides -nonspecific, Insecticides -nonspecific, Nitrification, Pesticide Interaction With Env, Pesticides Compatibility, Rhizosphere, 4.0468

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND Avena Sativa, Chemical Analysis, Chlorophyll, Pesticide Persistance in Soils, Phosphorus and Phosphorus Cpds, Plant Tissue Analysis -chem, Secale, Solanum Vista, 4.0469

AGRICULTURAL BIOLOGY Carbamates -nonspecific, Fungicides -nonspecific, Gossypium, Granules, Capsules, Insecticides -nonspecific, Nematicides -nonspecific, Nematodes, Organophosphorous Cpds, Pesticide Phytotoxicity, Uncinula necator, Verticillium, 4.0480

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION Chromatography, Pesticide Evaluation, Pesticide Persistance in Soils, Pesticide Residues, Radioisotopes -nonspecific, Spectrographic Techniques, Surfactants - Wetting Agents, 4.0502

EFFECTS OF HERBICIDES ON TREE FRUITS AND SMALL FRUITS Amino Triazole, Fragaria, Lycopersicum, Pesticide Application Rates, Pesticide Phytotoxicity, Pesticide Safety Measures, 4.0512

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES Aeration (water), Degradation, Formulations -nonspecific, Metabolites From Pesticides, Pesticide Aquatic Cycling, Pesticides -see Pesticide Sediments, 4.0518

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES Contamination - Soil, Environment Accumulation Rates, Herbicides and Other Chem, Pesticide Persistance in Soils, Pesticide Rates -general, Pesticide Residues, Tissue Accumulation Rates, 4.0527

HONEY BEE BEHAVIOR AND UTILIZATION ...Citrus; Insects - Beneficial; Microorganisms -nonspecific; Streptomycin; Tetracycline; ...4.0535

MOLECULAR MECHANISMS FOR ACTION OF GROWTH REGULATORS AND HERBICIDES ...Growth Substances; Herbicides and Other Chem; Pesticide Action on Plants; Plant Growth Regulators -ns.; ...4.0563

EFFECTS OF HERBICIDES ON USE OF SAGEBRUSH LANDS BY WILDLIFE ...Animal Habitat Studies; Artemisia; Birds; Cervus; Deer -nonspecific; Food Supply; Grouse; Mammals; Pesticide Action on Animals; Plant Succession; Wildlife -nonspecific; ...4.0580

BIOLOGICAL AND INTEGRATED CONTROL OF ARTHROPOD PESTS ...Animal Migration; Biological Control; Insects - Beneficial; Phaseolus; Rain; ...4.0605

EFFECT OF PESTICIDES ON ENZYME SYSTEMS ...Aldrin; Carbamates -nonspecific; Chlordan; Fungicides -nonspecific; Pesticide Action on Animals; ...4.0629

SCREENING PESTICIDES FOR TERATOGENIC EFFECTS ON GAMBUSIA. TOXICITY OF PESTICIDES TO FRESHWATER FISHES ...Carbamates -nonspecific; Fish; Fungicides -nonspecific; Pesticide Action on Animals; Poeciliid; Polychlorinated Biphenyl Cpds.; ...4.0696

THE EFFECT OF PESTICIDES ON PRIMARY PRODUCERS IN A FRESHWATER ECOSYSTEM (ABBREV.) ...Adenosine Triphosphate; Aroclor; Insecticides -nonspecific; Pesticides -see Pesticide; Phytoplankton; Polychlorinated Biphenyl Cpds.; ...4.0707

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES ...Animal Resistance; Centrarchidae; Fish; Ictaluridae; Percidae; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0710

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES, FY 1971 (ABBREV.) ...Bioassay; Cyprinidae; Genetic Resistance; Ictaluridae; Salmonidae; ...4.0712

METABOLIC INTERRELATIONSHIPS AFFECTING NUTRIENT ENERGY REQUIREMENTS OF HUMANS ...Muridae; Residues in Foods; ...4.0758

THE TERATOGENIC EVALUATION OF THE HERBICIDE 2,4,5-T AND DIOXIN ...Environmental Effects - Human; Pesticide Action on Animals; Pesticides -other; T, 2,4,5-; ...4.0785

GENERAL TESTING OF ENVIRONMENTAL CHEMICALS FOR EFFECTS ON GROWTH AND DEVELOPMENT ...Animal Pharmacology; Developmental Physiology; Environmental Effects - Human; Fungicides -nonspecific; Laboratory Animals; Mammals - nonspecific; Toxicology; ...4.0796

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Cladosporium; Mucor; Penicillium; Pesticide Toxicity to Microorg; Tobacco -cigarettes; Toxic Substances; ...4.0800

NUTRITION AND PROPAGATION OF THE ATTWATER'S PRAIRIE CHICKEN ...Aspergillus; Captive Rearing; Endangered Species; Nematoda; Pathology; Pesticide Residues Removal; Protozoa; Tissue Accumulation Rates; ...4.0857

TOXICOLOGICAL EFFECTS OF VARIOUS PESTICIDES AND OTHER AGRICULTURAL CHEMICALS ON LIVESTOCK AND POULTRY ...Acaricides -nonspecific; Deet; Fungicides - nonspecific; Nematocides -nonspecific; Pesticide Residue Analysis; Sus; ...4.0871

BIOCHEMICAL EFFECTS OF AGRICULTURAL CHEMICALS AND CONTROL SUBSTANCE TO LIVESTOCK ...Animal Pharmacology; Bos; Domestic Animals; Insecticides -nonspecific; Poultry -nonspecific; ...4.0872

EFFECT OF HERBICIDES ON PROVITAMIN A VALUE OF SELECTED RAW AND COOKED VEGETABLES ...Amino Triazole; Chenopodiaceae; Daucus Species; Muridae; Residues in Foods; Vegetables; ...4.0957

PESTICIDE RESIDUES ...Climates -general; Environment Accumulation Rates; Herbicides and Other Chem; Oregon; Pesticide Action on Animals; Pesticide Persistance in Soils; Pesticides -nonspecific; ...4.0979

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Pesticide Residue Analysis; Soil Chemical Properties; ...4.0992

CHEMICAL CONTROL OF WEEDS IN NURSERY AND TURF PLANTINGS ...Agropyron; Cyperaceae; Gramineae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Phenology; ...4.1012

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC. IN SOILS ...Antibiotics -nonspecific; Benzoic Acid Cpds.; Loam -see Soil Types; Microorganisms -nonspecific; Nitrosomonas -nonspecific; Pesticide Persistance in Soils; Plant Residues, Humus, Compost; Soil Microbiology; ...4.1051

A STUDY OF THE HORTICULTURE SPECIALTY INDUSTRY IN MISSISSIPPI ...Brassica Species; Dacthal; Lycopersicum; Residues in Foods; Trifluralin; ...4.1053

DEVELOPMENT OF ANALYTICAL METHODS FOR SELECTED HERBICIDES ...Chemical Analysis; Chemical Analysis (water); Gas Chromatography; Handbooks; Literature Search; Pesticides -see Pesticide; Radioisotopes -nonspecific; ...4.1060

DEVELOP METHOD FOR QUANTITATIVELY CHARACTERIZING PESTICIDE DRIFT ...Formulations -nonspecific; High Speed Photography; Insecticides -nonspecific; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Application Equip.; Pesticide Drift; ...4.1116

Herbisan

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Fenac; Gas Chromatography; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; Residues in Foods; ...4.0770

Igran

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type: Soil Moisture; Soil Types -also See Specifics; ...4.0511

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

Ioxynil

PHYSIOLOGICAL MECHANISMS INVOLVED IN SELECTIVE PHYTOTOXIC ACTION OF HERBICIDES ...Chelation & Complexing; Cipc; Herbicides and Other Chem; Nucleic Acid Compounds; Pesticide Phytotoxicity; Pyriclor; ...4.0430

Ipazine

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Pesticides -see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

IPC

MICROBIOLOGY AND BIOCHEMISTRY OF PESTICIDES IN SOIL ...Actinomycetes -nonspecific; Azobenzene; Cipc; Fusarium; Pesticide Degradation -see Deg; Propanil; Soil Microbiology; ...4.0117

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticide Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine; Bromus; Diquat; Festuca; Paraquat; Pesticide Persistance in Soils; Prometryne; Terbacil; Trifolium; ...4.0457

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Cipc; Metabolites From Pesticides; Muridae; Pesticide Action on Plants; ...4.0821

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

Linuron

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

FATE OF PESTICIDES IN CLAY AND SOIL SYSTEMS ...Clay Soils; Diphenamid; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0147

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

WEED CONTROL IN COTTON AND OTHER AGRONOMIC CROPS UNDER IRRIGATED CONDITIONS ...Cultural Control; Diuron; Pesticide Application Rates; Pesticide Residues; Physical Control; Thimet; ...4.0210

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Cyperaceae; Glycine; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum -other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Gossypium; Herban; Liquids Or Sprays; Pesticide Evaluation; Planavin; Prometryne; Trifluralin; ...4.0379

HERBICIDES FOR VEGETABLES ...Allium; Cucumis Sativus; Fungal Resistance; Pesticide Evaluation; Plant Resistance; Soil Environment -other; Tok; Virus Resistance; ...4.0420

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Panicum -other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Tillage; Zea Mays - Field Corn; ...4.0445

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Environment Accumulation Rates; Medicago; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. --(1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Aquifoliaceae; Ericaceae; Juniperus; Pesticide Action on Plants; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; Simazine; Terbacil; ...4.0761

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Herbicides and Other Chem; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; Trifluralin; ...4.0950

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

Maloran

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

PESTICIDE DETOXICATION MECHANISMS OF MICROORGANISMS IN SOIL AND WATER ...Bacterial Identification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Pesticide Degradation -see Deg; Sevin; Soil Fungi -nonspecific; Soil Microbiology; ...4.0166

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Linuron; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor, Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation, Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Bladex; Convolvulaceae; Grass -nonspecific; Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-, Liquids Or Sprays; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals; Phleum; Silvex; Terbacil; Zea Mays - Field Corn; ...4.1083

Mcpa

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0069

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

Mcpb

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Galius Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

Mecoprop

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0490

Molinate

THE CONTROL OF WEEDS IN RICE BY THE USE OF HERBICIDES ...Byram; Oryzeae; Pesticide Evaluation; Pesticides -other; Propanil; ...4.0380

Monuron

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran. D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn, ...4.0144

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Fenuron; Pesticide Movement in Soils; Soil Chemical Properties; Soil Moisture; ...4.0156

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; DDT; Difolatan; Laboratory Animals; Methoxychlor; Muridae; Pesticide Persistance in Soils; Phaltan; ...4.0556

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Amino Triazole; D, 2,4-; Laboratory Animals; Metabolites From Pesticides; Muridae; PMA; ...4.0819

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Cipc; IPC; Metabolites From Pesticides; Muridae; Pesticide Action on Plants; ...4.0821

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

Msma

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Carriers -non-liquid; Cotoran; Gossypium; Pesticide Drift; Pesticide Interaction With Env; Thimet; ...4.0035

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0069

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Cotoran; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

TRANSLOCATION OF HERBICIDES IN NUTGRASS AND JOHNSONGRASS ...Carbon; Dalapon; High Temp. - 85f Or Above; Pesticide Action on Plants; Plant Absorption -other; Surfactants - Wetting Agents; ...4.0377

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Gossypium; Herban; Liquids Or Sprays; Pesticide Evaluation; Planavin; Prometryne; Trifluralin; ...4.0379

INTERACTION OF COMBINATIONS OF HERBICIDES AND OTHER PESTICIDES IN COTTON PRODUCTION ...Aliphatic Carbamates; Cyclic Organic Cpds. --(1 Or ; Diuron · Malvaceae; Pesticide Evaluation; Planavin; Trifluralin; ...4.0381

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

PHYTOTOXICITY OF MSMA RESIDUES AND ARSENIC CONTENT OF FOODS ...Aluminum; Arsenic; Glycine; Phaseolus; Soil Chemical Properties; ...4.0960

HERBICIDE RESIDUE METHODS ...Atrazine; Chemical Analysis; Microwave Spectroscopy; Pesticide Residues; Prometone; Propazine; Urea Cpds. -nonspecific; ...4.1064

Neburon

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

Paraquat

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Agricultural Runoff; Atrazine; Fertilizers; Irrigation; Leaching; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Tillage, Cropping Systems; ...2.0725

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other, Plant; Tissue Accumulation Rates; ...4.0003

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; D, 2,4-; Dichlobenil; Haloragaceae; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Simazine; ...4.0004

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Carbon; Chemical Analysis (water); DDT; Pesticide Residues; Planavin; Soil Chemical Properties; Water Pollutant Identification; ...4.0016

INTERACTIONS OF SOIL MICROORGANISMS AND HERBICIDES ...Cellular Catabolism-see Degrad; Diquat; Rhizoctonia; Soil Microbiology; Trifluralin; ...4.0077

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Toxicity to Microorg; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

CHEMISTRY OF ADSORPTION OF PESTICIDES ON SOIL SILICATES ...Chromatography; Diquat; Humidity; Pesticide Persistance in Soils; Soil Chemical Properties; Soil pH; ...4.0157

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming - vegetables; ...4.0265

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vcs-438; ...4.0277

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS ...Cipc; Dichlobenil; Florida; Fruit, Nut, and Berry Crops; Herbicides -nonspecific; Mineral Nutrition; Pesticide Phytotoxicity; Prunus Persica; Vitaceae; ...4.0279

SOUTHEAST KANSAS EXPERIMENTAL FIELD ...Carya; Drainage; Fruit, Nut, and Berry Crops; Juglans; Ornamentals; Pesticide Evaluation; Pesticide Residues; Vegetables; ...4.0326

USE OF HERBICIDES TO CONTROL WEEDS IN FORAGES ...Benefin; Cipc; Diquat; Fertilizers; Medicago; Planavin; Trifluralin; ...4.0350

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Agropyron; Cyperaceae; Dalapon; Medicago; Pesticide Degradation -see Deg; Pesticide Interaction With Env; Pesticide Residues; 2,4-db; ...4.0419

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin, ...4.0432

WEED CONTROL STUDIES WITH HORTICULTURAL CROPS ...Amino Triazole; Dichlobenil; Pesticide Application Rates; Pesticide Interaction With Env; Soil Environment -other; Vegetables; Zea Mays - Sweet Corn; ...4.0438

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Panicum -other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Tillage; Zea Mays - Field Corn; ...4.0445

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine; Bromus; Diquat; Festuca; Pesticide Persistance in Soils; Prometryne; Terbacil; Trifolium; ...4.0457

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba, Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus, Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Dbee, -2,4-; Fish; Haloragaceae; Pesticide Evaluation; Pesticide in Food Chains; Ponds; ...4.0529

REMOVAL OF COMPETING PAMPAS GRASS (CORTADERIA SELLOANA) FROM REDWOOD REFORESTATION AREAS ...D, 2,4-; Gramineae; Mammals -nonspecific; Pesticide Application Rates; Pesticide Formulation; Picea; Sequoia; ...4.0541

PRENATAL AND NEONATAL EFFECTS OF PARAQUAT ...Developmental Physiology; Laboratory Animals; Muridae; Pesticide Action on Animals; Toxicology; ...4.0787

NORMAL AND MODIFIED PLACENTAL TRANSFER AND TISSUE DISTRIBUTION OF ENVIRONMENTAL AGENTS ...Developmental Physiology; Dieldrin; Diquat; Environmental Effects - Human; Laboratory Animals; Mammals -nonspecific; Pesticide Action on Animals; ...4.0788

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Dursban; Heptachlor; Melliagris; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

WEED CONTROL IN FRUIT CROPS, WITH SPECIAL REFERENCE TO APPLE AND PEACH ...Dichlobenil; Economics of Chemical Control; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Prunus Persica; Simazine; ...4.0936

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

CHARACTERIZATION OF SOIL & VEGETATION TO SERVE AS A BASIS FOR FUTURE EVALUATIONS OF RADIOACTIVE CONTAMINATION EFFECTS (ABBREV) ...Absorption (incl. Adsorption); Chemical Extraction; Diquat; Radioactive Fallout; Soil Water Plant Relationships; Water Pollutant Path of; ...5.0570

Patoran

DETERMINATION OF HERBICIDAL RESIDUES IN PLANTS AND SOILS, AND FATE OF HERBICIDES IN CERTAIN SOILS ...Degradation; Ornamentals, Pesticide Movement in Soils; Pesticide Phytotoxicity, Phaseolus; Turf; Vegetables; ...4.0133

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

PESTICIDE DETOXICATION MECHANISMS OF MICROORGANISMS IN SOIL AND WATER ...Bacterial Identification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Maloran; Pesticide Degradation -see Deg; Sevin; Soil Fungi -nonspecific; Soil Microbiology; ...4.0166

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Cucurbita; Liquids Or Sprays; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Plant Growth Regulators -ns.; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

Pba

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0069

Phenoxy Herbicide -nonspecific

ORGANIC SUBSTANCES IN WATER ...Analysis and Detection; Chemical Analysis (water); Chlorinated Hydrocarbons; Distillation; Herbicides -nonspecific; Organic Matter; Pesticides -see Pesticide, Water Pollutant Identification; ...2.0496

THE TERATOGENIC EVALUATION OF THE HERBICIDE 2,4,5-T AND DIOXIN ...Environmental Effects - Human; Herbicides - nonspecific; Pesticide Action on Animals; Pesticides -other; T, 2,4,5-; ...4.0785

Picloram

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Erosion; Oregon; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Soil Chemical Properties; Surface Active-other; Water Pollutants - Path of; ...2.0330

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

CONTROL METHODS FOR JUNIPERS, SHRUB LIVE OAK, AND ASSOCIATED WEEDS ...Climates -general; Fenuron; Granules, Capsules; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Plants - Dicotyledons; ...4.0007

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamina-

tion - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy, North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0069

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon; Mathematical Analysis, Mathematical Models; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0081

ANNUAL AND PERENNIAL WEED CONTROL IN SORGHUM, WINTER WHEAT AND SUMMER FALLOWED LAND ...Atrazine; Chemical Tillage Or Nontillage; Minimum Tillage; Pesticide Evaluation; Pesticide Persistance in Soils; Sorghum, Tillage, Cropping Systems; ...4.0113

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Radioisotopes -nonspecific; 2,4-db; ...4.0130

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Rotary Tillage, Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Climates -general; Environment Accumulation Rates; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...4.0155

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Oregon, Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Organic Content; Soil Profile; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Soil Analysis; Zea Mays - Field Corn; ...4.0175

THE LOSS OF HERBICIDES FROM SOIL ...Adjuvants, Degradation, Pesticide Volatility; Planavin; Soil Chemical Properties; ...4.0182

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes, Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain, Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; Water Quality -general; ...4.0192

TRANSFORMATION, MOVEMENT, DISAPPEARANCE OF PESTICIDES AND RESIDUES IN SOILS ...Clay Soils; Pesticide Movement in Soils; Pesticide Persistance in Soils; Silty Soils; Soil Organic Content; Soil pH; Soil Texture; ...4.0193

RESPROUTING OF CHAPARRAL ...D, 2,4-; Granules, Capsules; Pesticide Evaluation; Pesticides -see Pesticide; Plant Phenology; Quercus; T, 2,4,5-; ...4.0234

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

FACTORS AFFECTING THE TOXICITY AND SELECTIVITY OF PRE-EMERGENCE SOIL HERBICIDES ...Anaerobic Bacteria; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Pesticide Residues Removal; Pyrazon; Soil Fungi -nonspecific; Soil Types -also See Specifics; ...4.0247

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Residues; Pyrazon; Soil Microbiology; Soil Temp. -non-specific; ...4.0248

WEED CONTROL INVESTIGATIONS ...Atrazine; Convolvulaceae; Cultural Control; Pesticide Movement in Soils; Surfactants - Wetting Agents; Triticum; ...4.0314

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Herbicides and Other Chem; Pesticide Formulation; Plant Succession; ...4.0395

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Bensulide; Environment Accumulation Rates; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Triazines -nonspecific; ...4.0404

DEVELOPMENT OF AERIAL & GROUND TREATMENTS FOR CHEMICAL CONTROL OF BRUSH SPECIES IN FOREST LANDS ...Air Pollution -see Specifics; D, 2,4-; Forest Litter, Duff & Humus, Pesticide Evaluation; ...4.0458

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin, Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

RESPONSE OF PLANTS TO HERBICIDES ...Amino Triazole; D, 2,4-; Foliar Absorption; Pesticide Interaction -gen.; Pesticide Residues, Plant Absorption -other; Temperature - Air; ...4.0507

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Bioassay, Carbon; IAA; Pesticide Evaluation; Pesticide Interaction With Env; Pesticide Volatility; Plant Absorption -other; ...4.0508

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0509

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Environment Accumulation Rates; Linuron; Medicago; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Chemical Analysis; D, 2,4-, Environment Accumulation Rates; Pesticide Rates -general; Residues in Foods; ...4.0526

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF HERBICIDAL ACTION ...Chemical Analysis; Diuron; Herbicides and Other Chem; Planavin; Silvex; ...4.0842

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Pyrus Malus; Sevin; ...4.0990

HERBICIDE RESIDUE METHODS ...Atrazine; Chemical Analysis; Microwave Spectroscopy; Pesticide Residues; Prometone, Propazine; Urea Cpds. -nonspecific; ...4.1064

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues, Silvex; T, 2,4,5-; Triticum; ...4.1069

Planavin

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Carbon; Chemical Analysis (water); DDT; Paraquat; Pesticide Residues; Soil Chemical Properties; Water Pollutant Identification; ...**4.0016**

PERSISTENCE AND DETOXIFICATION OF HERBICIDES IN SOIL ...Climates -general; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Aeration; Soil pH; ...**4.0136**

PERSISTENCE OF HERBICIDES IN SOILS ...Alanap; Gossypium; Pesticide Persistance in Soils; Pesticides Compatibility; Plant Absorption -other; Root Absorption; Soil pH; Translocation; ...**4.0137**

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules, Liquids Or Sprays; Mulches; Pesticide Application Equip ; Pesticide Evaluation; Pesticide Persistance in Soils; Tillage, Cropping Systems; Zea Mays - Field Corn; ...**4.0138**

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Root Absorption; Sorghum; ...**4.0148**

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D; 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...**4.0152**

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Equipment; Labiatae; Nematoda; Pesticide Application Equip ; Pesticide Drift; Pyrus Malus; Viruses - Animal; ...**4.0163**

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...**4.0172**

THE LOSS OF HERBICIDES FROM SOIL ...Adjuvants; Degradation; Pesticide Volatility; Soil Chemical Properties; ...**4.0182**

INFLUENCE OF HERBICIDES, FUNGICIDES, & INSECTICIDES ON COTTON GERMINATION & SEEDLING VIGOR ...Gossypium; Korax; Pesticide Interaction With Env; Soil Microbiology; Temperature - Air; Trifluralin; ...**4.0207**

WEED CONTROL IN COTTON AND OTHER AGRONOMIC CROPS UNDER IRRIGATED CONDITIONS ...Cultural Control; Diuron; Pesticide Application Rates; Pesticide Residues; Physical Control; Thimet; ...**4.0210**

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or , Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...**4.0218**

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Reproductive Physiology; Simazine; Trifluralin; ...**4.0230**

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...**4.0244**

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Amaranthaceae; Chenopodiaceae; Convolvulaceae; Dicamba; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Absorption -other; Translocation; ...**4.0249**

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Sandy Soils -see Soil Type; Solanum; Truck Farming -vegetables; ...**4.0265**

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Portulacaceae; Soil Moisture; Truck Farming -vegetables; ...**4.0272**

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS ...Cipc; Dichlobenil; Florida; Fruit, Nut, and Berry Crops; Herbicides -nonspecific; Mineral Nutrition; Pesticide Phytotoxicity; Prunus Persica; Vitaceae; ...**4.0279**

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...**4.0284**

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus; Cucumis Sativus; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Phaseolus; Tok; Vegetables; ...**4.0292**

FUNDAMENTAL STUDIES ON WEED CONTROL ...Cotoran; Fungicides -nonspecific; Herbicides and Other Chem; Liquids Or Sprays; Pesticide Evaluation; Pesticides Compatibility; Prometryne; Space Competition; ...**4.0331**

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...**4.0344**

USE OF HERBICIDES TO CONTROL WEEDS IN FORAGES ...Benefin; Cipc; Diquat; Fertilizers; Medicago; Trifluralin; ...**4.0350**

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Siduron; Turf; ...**4.0352**

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Gossypium; Herban; Liquids Or Sprays; Pesticide Evaluation; Prometryne; Trifluralin; ...**4.0379**

INTERACTION OF COMBINATIONS OF HERBICIDES AND OTHER PESTICIDES IN COTTON PRODUCTION ...Aliphatic Carbamates; Cyclic Organic Cpds. --(1 Or , Diuron ; Malvaceae; Pesticide Evaluation; Trifluralin; ...**4.0381**

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...**4.0418**

EVALUATION OF HERBICIDES AND THEIR INFLUENCE ON THE PHYSIOLOGY OF VEGETABLE CROPS ...Absorption (incl. Adsorption); Cruciferae; Irrigation; Pesticide Application Rates; Pesticide Phytotoxicity; Respiration; Trifluralin; ...**4.0473**

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...**4.0501**

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...**4.0516**

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Fenac; Gas Chromatography; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; Residues in Foods; ...**4.0770**

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF HERBICIDAL ACTION ...Chemical Analysis; Diuron; Herbicides and Other Chem; Picloram; Silvex; ...**4.0842**

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...**4.0944**

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microrg; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; Trifluralin; ...**4.0950**

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Residues in Foods; ...**4.1004**

Preforan

DETERMINATION OF HERBICIDAL RESIDUES IN PLANTS AND SOILS, AND FATE OF HERBICIDES IN CERTAIN SOILS ...Degradation; Ornamentals; Paloran; Pesticide Movement in

Soils; Pesticide Phytotoxicity; Phaseolus; Turf; Vegetables; ...4.0133

THE LOSS OF HERBICIDES FROM SOIL ...Adjuvants; Degradation; Pesticide Volatility; Planavin; Soil Chemical Properties; ...4.0182

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Linuron, Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Bladex Convolvulaceae; Grass - nonspecific; Malvaceae; Pesticide Application Rates; Pesticide Residues; Xanthium; ...4.0287

THE CONTROL OF WEEDS IN RICE BY THE USE OF HERBICIDES ...Byram; Oryzeae; Pesticide Evaluation; Pesticides -other; Propanil; ...4.0380

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

Prometone

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D; 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Zea Mays - Field Corn; ...4.0204

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Simazine; Soil Moisture; Soil Texture; ...4.0497

HERBICIDE RESIDUE METHODS ...Atrazine; Chemical Analysis; Microwave Spectroscopy; Pesticide Residues; Propazine; Urea Cpds. -nonspecific; ...4.1064

METABOLITE FORMATION IN METABOLISM OF TRIAZINE HERBICIDES BY THE ANIMAL ...Animal; Capra; Metabolites From Pesticides; Ovis; Pesticide Formulation; Radioisotopes -nonspecific; ...4.1096

Prometryne

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Toxicity to Microorg; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Vernolate; ...4.0118

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Gossypium; Herbicides and Other Chem; Malvaceae; Pesticide Formulation; Respiration; Seeds; ...4.0190

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Adenosine Diphosphate; Cotoran; Glycine; Herbicides and Other Chem; Oligomycin; Pesticide Formulation; Pesticide Phytotoxicity; Triazines -nonspecific; ...4.0215

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Bioassay; Liquids Or Sprays; Nicotiana; Pesticide Action on Plants; Pesticide Evaluation; Plant Resistance; Simazine; Zea Mays - Field Corn; ...4.0327

FUNDAMENTAL STUDIES ON WEED CONTROL ...Cotoran; Fungicides -nonspecific; Herbicides and Other Chem; Liquids Or Sprays; Pesticide Evaluation; Pesticides Compatibility; Space Competition; ...4.0331

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species, Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Gossypium; Herban; Liquids Or Sprays; Pesticide Evaluation; Planavin; Trifluralin; ...4.0379

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine; Bromus; Diquat; Festuca; Paraquat; Pesticide Persistance in Soils; Terbacil; Trifolium; ...4.0457

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Ametryn; Cyperaceae; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Formulation; Plant Resistance; Saccharum; Terbacil; ...4.0470

CONTROL OF WEEDS ...Ametryn; Diuron; Pesticide Formulation; Pesticide Phytotoxicity; Pesticides -other; Puerto Rico; Saccharum; ...4.0471

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. --(1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; Trifluralin; ...4.0950

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Cucurbita; Liquids Or Sprays; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Plant Growth Regulators -ns.; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Atrazine; Bioassay; Environment Accumulation Rates; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Soil Types -also See Specifics; ...4.1035

HERBICIDE RESIDUE METHODS ...Atrazine; Chemical Analysis; Microwave Spectroscopy; Pesticide Residues; Prometone; Propazine; Urea Cpds. -nonspecific; ...4.1064

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Action on Plants, Pesticide Degradation -see Deg; Pesticide Movement in Soils, Pesticide Phytotoxicity; Soil Moisture; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

Propachlor

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils, Rain; Soil Depth, Vegetables, ...4.0186

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants, Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays, Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum, Pesticide Evaluation, Pesticides -other; Prometryne; Prunus Domestica Pyrus Malus, Solanum; Terbacil; Vcs-438; ...4.0364

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Glycine; Nitrogen Metabolism; Pennisetum; Pesticide Phytotoxicity; Plant Absorption -other; Zea Mays - Field Corn; ...4.0482

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Cucurbita; Dicamba; Herbicides and Other Chem; Medicago; Pesticide Application Rates; Plant Resistance; Pyrazon; ...4.0495

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. -- (1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Translocation; Vegetables; ...4.0528

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; Cell Injury and Autolysis; D, 2,4-; Dicamba; Herbicides and Other Chem; Pesticide Action on Plants; Phaseolus; Translocation; ...4.0875

Propanil

MICROBIOLOGY AND BIOCHEMISTRY OF PESTICIDES IN SOIL ...Actinomycetes -nonspecific; Azobenzene; Cipc; Fusarium; Pesticide Degradation -see Deg; Soil Microbiology, ...4.0117

THE CONTROL OF WEEDS IN RICE BY THE USE OF HERBICIDES ...Byram Oryzeae; Pesticide Evaluation; Pesticides -other; ...4.0380

PHYSIOLOGICAL MECHANISMS INVOLVED IN SELECTIVE PHYTOTOXIC ACTION OF HERBICIDES ...Chelation & Complexing; Cipc; Herbicides and Other Chem; Nucleic Acid Compounds; Pesticide Phytotoxicity; Pyriclor; ...4.0430

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF HERBICIDAL ACTION ...Chemical Analysis; Diuron; Herbicides and Other Chem; Picloram; Planavin; Silvex; ...4.0842

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Dichloroaniline; Enzymes; Metabolites From Pesticides; Pesticide Action on Plants; Pesticide Aquatic Cycling; Plant; ...4.0966

Propazine

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides - see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran, New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

HERBICIDE RESIDUE METHODS ...Atrazine; Chemical Analysis; Microwave Spectroscopy; Pesticide Residues; Prometone; Urea Cpds. -nonspecific; ...4.1064

METABOLITE FORMATION IN METABOLISM OF TRIAZINE HERBICIDES BY THE ANIMAL ...Animal; Capra; Metabolites From Pesticides; Ovis; Pesticide Formulation; Prometone; Radioisotopes -nonspecific; ...4.1096

Pyrazon

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Persistance in Soils; Plant Resistance; Soil Aeration; Soil Moisture; Temperature - Air; ...4.0091

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

SUGAR BEET DISEASES ...Amaranthaceae; Cycloate; Pesticide Evaluation; Pesticide Interaction -gen.; Tillam; ...4.0245

FACTORS AFFECTING THE TOXICITY AND SELECTIVITY OF PRE-EMERGENCE SOIL HERBICIDES ...Anaerobic Bacteria; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Pesticide Residues Removal; Soil Fungi -nonspecific; Soil Types -also See Specifics; ...4.0247

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Residues; Soil Microbiology; Soil Temp. -non-specific; ...4.0248

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum - other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Sutan; Zea Mays - Field Corn; ...4.0360

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Cucurbita; Dicamba; Herbicides and Other Chem; Medicago; Pesticide Application Rates; Plant Resistance; ...4.0495

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Solanum; Vernolate; ...4.0516

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; Cell Injury and Autolysis; D, 2,4-; Dicamba; Herbicides and Other Chem; Pesticide Action on Plants; Phaseolus; Propachlor; Translocation; ...4.0875

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Radioactive Fallout-cf Fallout, Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

Pyrlicor

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ..Alachlor, Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ..4.0152

PHYSIOLOGICAL MECHANISMS INVOLVED IN SELECTIVE PHYTOTOXIC ACTION OF HERBICIDES ..Chelation & Complexing, Cipc; Herbicides and Other Chem; Nucleic Acid Compounds; Pesticide Phytotoxicity; ..4.0430

Rp 2929

WEED CONTROL IN HORTICULTURAL CROPS ..Growth, Pesticide Action on Plants; Pesticide Application Rates; Pesticide Evaluation; Pesticides -other; ..4.0316

Ipp-11561

HERBICIDAL WEED CONTROL IN ALFALFA IN WYOMING ..Atrazine; Chenopodiaceae; Medicago; Pesticide Evaluation; Pesticide Residues; Terbacil; ..4.0524

Sesone

WEED CONTROL IN HORTICULTURAL CROPS ..Dalapon; Iridaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Simazine; ..4.0328

Siduron

TURFGRASS WEED CONTROL ..Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Terbutol; Vcs-438; ..4.0172

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ..Bandane; Bioassay; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Turf; ..4.0352

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ..Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Fortuff; Memmi; Pesticide Persistance in Soils; Soil Types -also See Specifics; Trifluralin; Turf; ..4.0481

STUDY OF HERBICIDES SELECTIVITY USING INTRA-SPECIES PLANT INDICATORS ..Absorption (incl. Adsorption); Carbon; Mineral Nutrition; Pesticide Phytotoxicity; Photosynthesis; Respiration; Tok; ..4.0614

Silvex

TOXICITY OF POLLUTANTS TO STRIPED BASS ..Antimycin A; D, 2,4-; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Temperature (water); ..2.1566

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ..Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ..2.1594

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ..Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Solanum; Sprinkler Irrigation; ..4.0014

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ..Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; TCA; Xylene; ..4.0017

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ..Acrolein; Chenopodiaceae; D, 2,4-; Fish; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Zea Mays - Field Corn; ..4.0074

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ..Atrazine; Cynodon; Dacthal; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ..4.0263

WEED CONTROL IN CITRICULTURE ..Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vcs-438; ..4.0277

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS TREE PLANTATIONS ..Abies; Climates -general; Cruciferae; Dalapon; Granules; Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ..4.0497

EVALUATION OF THE ANIMAL AND HUMAN COMPLAINTS FOLLOWING THE SPRAYING OF SILVEX, 2,4,5-T AND 2,4-D IN GLOBE, ARIZONA ..Arizona; Domestic Animals; Liquids Or Sprays; Pesticide Toxicity in Humans; T, 2,4,5-; ..4.0789

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF HERBICIDAL ACTION ..Chemical Analysis; Diuron; Herbicides and Other Chem; Picloram; Planavin; ..4.0842

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ..Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Temperature (water); Water Quality Control - general; ..4.0939

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ..Benlate; Chenopodiaceae; Ethrel; Penicillium; Pesticide Residues Removal; Respiration; TBZ; ..4.1047

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ..Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; T, 2,4,5-; Triticum; ..4.1069

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ..D, 2,4-; Liquids Or Sprays; Maloran; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals; Phleum; Terbacil; Zea Mays - Field Corn; ..4.1083

Simazine

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ..Aquatic Plants -nonspecific; D, 2,4-; Dichlobenil; Haloragaceae; Metabolites From Pesticides; Pesticide Action on Plants; Plant; ..4.0004

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ..Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ..4.0013

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ..Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ..4.0014

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ..Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ..4.0027

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ..Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides - see Pesticide; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ..4.0109

CHEMISTRY OF PESTICIDES IN SOILS ..Arsenic; Chemical Analysis; Cucumis Sativus; DDT; Pesticide Residue Analysis; Plant Resistance; Zea Mays - Field Corn; ..4.0119

FATE OF HERBICIDES IN PLANTS AND SOILS ..Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Transpiration and Evap; Zea Mays - Field Corn; ..4.0144

FOREST PRACTICE ALTERNATIVES IN CENTRAL ALABAMA ..Atrazine; D, 2,4-; Economic Feasibility; Forest Management; Liquids Or Sprays; Pesticide Evaluation; Pinus -nonspecific; ..4.0266

WEED CONTROL IN HORTICULTURAL CROPS ..Alachlor; Bioassay; Cyclic Organic Cpds. -(1 Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ..4.0218

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ..Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Trifluralin; ..4.0230

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine, Cynodon, Dacthal, Dma, Msma, Pesticide Application Rates, Pesticide Phytotoxicity, Prometryne, Sindone B, Tenoran, Tok, 2,4-db, ...4.0263

WEED CONTROL IN CITRICULTURE ...Amphibious Plants, Dalapon, Diuron, Fruit, Nut, and Berry Crops, Pesticide Action on Plants, Pesticide Evaluation, Pesticides -other, Riparian Plants, Surfactants - Wetting Agents, Triazines -nonspecific, Vcs-438, ...4.0277

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS ...Cipc, Dichlobenil, Florida, Fruit, Nut, and Berry Crops, Herbicides -nonspecific, Mineral Nutrition, Pesticide Phytotoxicity, Prunus Persica, Vitaceae, ...4.0279

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor, Bioassay, Liquids Or Sprays, Nicotiana, Pesticide Action on Plants, Pesticide Evaluation, Plant Resistance, Zea Mays - Field Corn, ...4.0327

WEED CONTROL IN HORTICULTURAL CROPS ...Dalapon, Iridaceae, Pesticide Evaluation, Pesticide Phytotoxicity, ...4.0328

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron, Algae -nonspecific, Apium Species, Bensulide, Brassica Species, Convolvulaceae, Diazinon, Granules, Capsules, Lactuca, Lycopersicum, Pesticide Evaluation, Pesticides -other, Prometryne, Prunus Domestica, Pyrus Malus, Solanum, Terbacil, Vcs-438, ...4.0364

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae, D, 2,4-, Diuron, Pesticide Application Rates, Pesticide Formulation, Pesticide Safety Measures, Terbacil, Vitaceae, ...4.0415

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron, Convolvulaceae, Digitaria, Ericaceae, Iridaceae, Oleaceae, Pesticide Safety Measures, Planting Methods, Trifluralin, ...4.0418

WEED CONTROL STUDIES WITH HORTICULTURAL CROPS ...Amino Triazole, Dichlobenil, Paraquat, Pesticide Application Rates, Pesticide Interaction With Env, Soil Environment -other, Vegetables, Zea Mays - Sweet Corn, ...4.0438

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff, Chemical Tillage Or Nontillage, D, 2,4-, Panicum -other, Pesticide Action on Plants, Pesticide Aquatic Cycling, Pesticide Phytotoxicity, Petroleum Cpds -nonspecific, Soil Tillage, Zea Mays - Field Corn, ...4.0445

FACTORS INFLUENCING THE EFFECTIVENESS OF HERBICIDES ...Agricultural Runoff, Betulaceae, Diuron, Irrigation, Pesticide Evaluation, Plant Growth Regulators -ns-, Soil Types - also See Specifics, ...4.0453

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine, Bromus, Digitaria, Festuca, Paraquat, Pesticide Persistance in Soils, Prometryne, Terbacil, Trifolium, ...4.0457

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies, Climates -general, Cruciferae, Dalapon, Granules, Capsules, Organic Soils -see Soils, Pesticide Evaluation, Pesticide Residue Analysis, Pinus Resinosa, Pinus Sylvestris, Prometone, Soil Moisture, Soil Texture, ...4.0497

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben, Arachis, Benefin, Bladex, Chemical Tillage Or Nontillage, Dacthal, Diphenamid, Linuron, Panicum -other, Pesticide Evaluation, Picloram, Prometryne, Rosaceae, Tillam, Vcs-438, ...4.0501

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron, Cipc, Dichlobenil, Ericaceae, Fruit, Nut, and Berry Crops, Paraquat, Pesticide Application Rates, Pesticide Phytotoxicity, Plant Resistance, Soil Organic Content, Terbacil, ...4.0504

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Aquifoliaceae, Conifers, Granules, Capsules, Ornamentals, Pesticide Application Rates, Pinus (other Specifics), Senecio, Soil Types -also See Specifics, Washington, ...4.0510

CHEMICAL CONTROL OF PERENNIAL BROADLEAVED WEEDS IN ALFALFA ...Atrazine, Caryophyllaceae, Cruciferae, Medicago, Pesticide Residues, Terbacil, ...4.0520

HERBICIDAL WEED CONTROL IN ALFALFA IN WYOMING ...Atrazine, Chenopodiaceae, Medicago, Pesticide Evaluation, Pesticide Residues, Rp-11561, Terbacil, ...4.0524

POND ECOLOGY AND PRODUCTION AS AFFECTED BY SIMAZINE ...Animal Productivity, Invertebrates -nonspecific, Pesticide Action on Animals, Pesticide Aquatic Cycling ...4.0720

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Aquifoliaceae, Ericaceae, Juniperus, Pesticide Action on Plants, Pesticide Phytotoxicity, Potted Plants -see Ornamentals, Terbacil, ...4.0761

WEED CONTROL IN FRUIT CROPS, WITH SPECIAL REFERENCE TO APPLE AND PEACH ...Dichlobenil, Economics of Chemical Control, Liquids Or Sprays, Pesticide Action on Plants, Pesticide Phytotoxicity, Prunus Persica, ...4.0936

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap, Atlantic Coastal Plain, Brassica Species, Capsicum, Cipc, Cotoran, Dichlobenil, Diuron, Herbicides and Other Chem, Metabolites From Pesticides, Pesticide Persistance in Soils, Pesticide Residues, Terbacil, Tok, Vegetables, ...4.1022

HERBICIDE RESIDUE METHODS ...Atrazine, Chemical Analysis, Microwave Spectroscopy, Pesticide Residues, Prometone, Propazine, Urea Cpds -nonspecific, ...4.1064

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-, Liquids Or Sprays, Maloran, Pesticide Application Rates, Pesticide Residues, Pesticide Toxicity to Animals, Phleum, Silvex, Terbacil, Zea Mays - Field Corn, ...4.1083

METABOLITE FORMATION IN METABOLISM OF TRIAZINE HERBICIDES BY THE ANIMAL ...Animal, Capra, Metabolites From Pesticides, Ovis, Pesticide Formulation, Prometone, Radioisotopes -nonspecific, ...4.1096

Simetone

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap, Cdec, D, 2,4-, Dinitrophenol, Eptam, Herbicides and Other Chem, Hordeum Vulgare, Pesticide Action on Plants, Pesticides Compatibility, Plant, Translocation, Triticum, ...4.0306

Sindone

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine, Cynodon, Dacthal, Dma, Msma, Pesticide Applicatoon Rates, Pesticide Phytotoxicity, Prometryne, Simazine, Sindone B, Tenoran, Tok, 2,4-db, ...4.0263

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis, Bandane, Cell Injury and Autolysis, Cma, Dacthal, Dyrene, Forturf, Memmi, Pesticide Persistance in Soils, Siduron, Soil Types -also See Specifics, Trifluralin, Turf, ...4.0481

Sindone B

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine, Cynodon, Dacthal, Dma, Msma, Pesticide Applicatoon Rates, Pesticide Phytotoxicity, Prometryne, Simazine, Tenoran, Tok, 2,4-db, ...4.0263

Sirmate

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium, Cdec, Daucus Species, Helianthus, Maloran, Pesticide Action on Plants, Pesticide Application Rates, Pesticide Persistance in Soils, Propachlor, Rain, Soil Depth, Vegetables, ...4.0186

WEED CONTROL IN PLANT INDUSTRY ...Capsicum, Lycopersicum, Pesticide Evaluation, Pesticide Residues, Tillam, Vegetables, ...4.0291

Stoddard Solvent

HERBICIDES FOR VEGETABLES ...Allium, Cucumis Sativus, Fungal Resistance, Pesticide Evaluation, Plant Resistance, Soil Environment -other, Tok, Virus Resistance, ...4.0420

Sutan

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor, Asparagus, Convolvulaceae, Cucurbitaceae, Datura, Glycine, Leguminosae, Pesticide Action on Plants, Pesticide Evaluation, Pesticide Phytotoxicity, Phaseolus, Solanum, Symbiotic Nitrogen Fixation, Translocation, ...4.0256

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae, Arachis, Bioassay, Cyperaceae, Glycine, Linuron, Pesticide Evaluation, Pesticide Phytotoxicity, Rubiaceae, ...4.0293

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor, Amiben, Benefin, Carriers -nonliquid, Cyperaceae, Glycine, Liquids Or Sprays, Pesticide Interaction With Env, Pesticide Persistance in Soils, Pesticides -other, Planavin, Sandy Soils -see Soil Type, Soil Moisture, Tenoran, Vernolate, ...4.0344

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor, Chenopodiaceae, Dalapon, Herbicides -nonspecific, Panicum - other, Pesticide Application Rates, Pesticide Interaction With Env, Pesticide Residues, Petroleum Cpds -nonspecific, Pyrazon, Zea Mays - Field Corn, ...4.0360

WEED CONTROL STUDIES WITH HORTICULTURAL CROPS ...Amino Triazole, Dichlobenil, Paraquat, Pesticide Application

Rates, Pesticide Interaction With Env, Soil Environment -other, Vegetables, Zea Mays - Sweet Corn, ...4.0438

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben, Arachis, Benefin, Bladex, Chemical Tillage Or Nontillage, Dacthal, Diphenamid, Linuron, Panicum -other, Pesticide Evaluation, Picloram, Prometryne, Rosaceae, Simazine, Tillam, Vcs-438, ...4.0561

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption), Agricultural Runoff, Amiben, Atrazine, Cyperaceae, Malvaceae, Other Agrostideae, Pesticide Application Rates, Pesticides Compatibility, Plant Competition, Sorghum, Trifluralin, ...4.0944

T, 2,4,5-

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff, Chemical Analysis, D, 2,4-, Erosion, Infiltration, Lysimeters, Mathematical Models, Pesticide Movement in Soils, Pesticide Residues Removal, Picloram, Soil Chemical Properties, Soil Moisture, Water Pollutants - Path of, ...2.0683

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A, D, 2,4-, Dipteres, Effluents - Waste Water, Endrin, Industrial Wastes, Pesticides -see Pesticide, Physiological Effects, Pulp and Paper Wastes, Silvex, Temperature (water), ...2.1566

HERBICIDE RESIDUES ...Acrolein, Contamination - Soil, D, 2,4-, Fixed Copper, Pesticide Aquatic Cycling, Pesticide Residues, Pesticides -see Pesticide, Xylene, ...4.0015

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL, WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff, Climates -general, Drainage, Fertilizer Losses, Flume Studies, Mineralogy, North Carolina, Pesticide Movement in Soils, Phosphorus and Phosphorus Cpds, Soil - Crop Relationships, Soil Chemical Properties, Soil Moisture, Watersheds, ...4.0060

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds, Climates -general, Environment Accumulation Rates, Pesticide Aquatic Cycling, Pesticide Persistance in Soils, Pesticides -see Pesticide, Soil Chemical Properties, Soil Moisture, Water Pollutants - Path of, ...4.0155

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-, Leaching, Oregon, Pesticide Movement in Soils, Pesticides -see Pesticide, Soil Chemical Properties, Soil Organic Content, Soil Profile, Soil Water Plant Relationships, Water Pollutants - Path of, ...4.0165

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa, Chenopodiaceae, Dicamba, Pesticide Action on Plants, Pesticide Evaluation, Pesticide Persistance in Soils, Physical Control, Ranunculaceae, Soil Moisture, Temperature - Air, Zea Mays - Field Corn, ...4.0201

RESPROUTING OF CHAPARRAL ...D, 2,4-, Granules, Capsules, Pesticide Evaluation, Pesticides -see Pesticide, Plant Phenology, Quercus, ...4.0234

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben, Bacillus Subtilis, Cdaa, Cipc, Dichlobenil, Endothall, Hordeum Vulgare, Leguminosae, Pesticide Action on Plants, Plant Resistance, Urea Cpds -nonspecific, ...4.0240

STATE WIDE WILDLIFE INVESTIGATIONS ...Chemical Analysis, Deer -nonspecific, Forest Fires -see Fire, Mammals, Wildlife Habitat Management, ...4.0333

DEVELOPMENT OF AERIAL & GROUND TREATMENTS FOR CHEMICAL CONTROL OF BRUSH SPECIES IN FOREST LANDS ...Air Pollution -see Specifics, D, 2,4-, Forest Litter, Duff & Humus, Pesticide Evaluation, Picloram, ...4.0458

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis, Dicamba, Environmental Modification, Gas Chromatography, Metabolites From Pesticides, Pesticide Application Rates, Pesticide Interaction With Env, Picloram, Preforan, Quercus, Soil Moisture, Soil Types -also See Specifics, Temperature - Air, Ulmaceae, ...4.0485

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia, Berberidaceae, Caprifoliaceae, Granules, Capsules, Leaching, Pesticide Action on Plants, Pesticide Interaction With Env, Picloram, Prosopis, Rhamnaceae, Rubiaceae, Temperature - Air, Verbenaceae, ...4.0491

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron, Atrazine, Environment Accumulation Rates, Linuron, Medicago, Pesticide Application Equip., Pesticide Evaluation, Pesticide Residues, ...4.0513

REMOVAL OF COMPETING PAMPAS GRASS (CORTADERIA SELLOANA) FROM REDWOOD REFORESTATION AREAS ...D, 2,4-, Gramineae, Mammals -nonspecific, Pesticide Application Rates, Pesticide Formulation, Picea, Sequoia, ...4.0541

THE TERATOGENIC EVALUATION OF THE HERBICIDE 2,4,5-T AND DIOXIN ...Environmental Effects - Human, Herbicides - nonspecific, Pesticide Action on Animals, Pesticides -other, ...4.0785

METABOLISM AND DISTRIBUTION OF 2,4,5-T AND ITS ANALOGS IN PREGNANT AND NONPREGNANT RATS, MICE, AND GUINEA PIGS ...Caviidae, Experimental Teratology, Laboratory Animals, Metabolites From Pesticides, Muridae, Pesticide Action on Animals, Toxicology, ...4.0786

EVALUATION OF THE ANIMAL AND HUMAN COMPLAINTS FOLLOWING THE SPRAYING OF SILVEX, 2,4,5-T AND 2,4-D IN GLOBE, ARIZONA ...Arizona, Domestic Animals, Liquids Or Sprays, Pesticide Toxicity in Humans, ...4.0789

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON HI VIRAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Cricetus, Developmental Physiology, Environmental Effects - Human, Laboratory Animals, Mercury, Pesticide Action on Animals, Toxicology, ...4.0791

LIVESTOCK DETOXICATING MECHANISMS OF PESTICIDES ...Birds, Ciodrin, Domestic Animals, Gallus Domesticus, Ovis, Pesticide Residues Removal, Residues in Foods, ...4.0870

TOXICOLOGIC EFFECTS OF HERBICIDE-TREATED PLANTS ON LIVESTOCK ...Atrazine, Chemical Analysis, Feces, Pesticide Action on Animals, Pesticide Rates -general, Ranunculaceae, Tissue Accumulation Rate, ...4.0874

ANALYTICAL METHODS FOR HERBICIDES AND RESIDUES ...Chemical Analysis, Gas Chromatography, Metabolites From Pesticides, Pesticide Residues, Solvents Or Carriers, Temperature - Air, ...4.1027

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine, Cactaceae, Cycloate, Dicamba, Moisture Levels, Pesticide Application Rates, Pesticide Persistance in Soils, Pesticide Residues, Picloram, Silvex, Triticum, ...4.1069

Tandex

RESPROUTING OF CHAPARRAL ...D, 2,4-, Granules, Capsules, Pesticide Evaluation, Pesticides -see Pesticide, Plant Phenology, Quercus, T, 2,4,5-, ...4.0234

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor, Bromoxynil, Chenopodiaceae, Cucumis Sativus, Fragaria, Liliaceae, Paraquat, Pesticide Residues, Plant Competition, Populus, Terbacil, ...4.0899

Tba

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC ...Boraginaceae, Convolvulaceae, Diuron, Glycine, Mcpa, Pba, Pesticide Drift, Pesticide Phytotoxicity, Plant Resistance, Solanum, Vcs-438, ...4.0869

ANNUAL AND PERENNIAL WEED CONTROL IN SORGHUM, WINTER WHEAT AND SUMMER FALLOWED LAND ...Atrazine, Chemical Tillage Or Nontillage, Minimum Tillage, Pesticide Evaluation, Pesticide Persistance in Soils, Sorghum, Tillage, Cropping Systems, ...4.0113

THE ROLE OF MICROFLORA IN THE PERSISTENCE AND DECOMPOSITION OF PESTICIDE RESIDUES ...Biodegradation-see Degradation, Chlorine, Degradation, Microorganism-see Cell Catab., Pesticide Degradation -see Deg, Pesticide Phytotoxicity, ...4.0151

WEED CONTROL INVESTIGATIONS ...Atrazine, Convolvulaceae, Cultural Control, Pesticide Movement in Soils, Picloram, Surfactants - Wetting Agents, Triticum, ...4.0314

TCA

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics, Degradation -see Pesticide Deg, Diquat, Fish, Packaging Materials, Pesticide Evaluation, Pesticides -see Pesticide, Plastics, Ponds, Silvex, Xylene, ...4.0017

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor, Chenopodiaceae, Dalapon, Herbicides -nonspecific, Panicum - other, Pesticide Application Rates, Pesticide Interaction With Env, Pesticide Residues, Petroleum Cpds -nonspecific, Pyrazon, Sutan, Zea Mays - Field Corn, ...4.0360

RESPONSE OF PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Amino Triazole, Dalapon, Environment Accumulation Rates, Pesticide Evaluation, Pesticide Residues, Riparian Plants, ...4.0393

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium, Chenopodiaceae, Cucumis Sativus, Dichlone, Gallus Domesticus, Hetero Cyclic Cpds (1 Or 2, Lycopersicum, Mcpb, Moraceae, Paris Green, Piperonyl Butoxide, Pyrus Malus, Sclerotinia, Solanum, ...4.1074

Tenoran

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology Southwest U.S., ...4.0013

ANNUAL WEED CONTROL IN ROW CROPS ...Alachlor; Chenopodiaceae; Liquids Or Sprays; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Vegetables; ...4.0104

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D; 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Mama; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tok; 2,4-db; ...4.0263

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Vernolate; ...4.0344

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules; Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Ves-438; ...4.0364

WEED CONTROL IN SOYBEANS ...Atrazine; Glycine; Pesticide Evaluation; Plant Resistance; ...4.0366

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules; Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pinus; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

EFFECT OF PESTICIDES ON ENZYMES ...Caldariomyces; Cellular Catabolism-see Degrad; DDT; Gel Chromatography; Parathion; ...4.1031

Terbacil

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; ...4.0170

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Cynodon; Fumigants - nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Solanum; Vitaceae; ...4.0191

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds -(1 Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Vigna; ...4.0218

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules; Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming - vegetables; ...4.0265

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Ves-438; ...4.0277

INVESTIGATIONS OF MINT DISEASES ...Benlate; Fumigants - nonspecific; Labiatae; Pesticide Evaluation; Solanum; Verticillium; ...4.0359

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules; Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Ves-438; ...4.0364

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules; Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; ...4.0390

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; D; 2,4-; Diuron; Pesticide Application Rates; Pesticide Formulation; Pesticide Safety Measures; Simazine; Vitaceae; ...4.0415

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine; Bromus; Diquat; Festuca; Paraquat; Pesticide Persistance in Soils; Prometryne; Trifolium; ...4.0457

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Ametryn; Cyperaceae; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Formulation; Plant Resistance; Saccharum; ...4.0470

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; ...4.0504

CHEMICAL CONTROL OF PERENNIAL BROADLEAVED WEEDS IN ALFALFA ...Atrazine; Caryophyllaceae; Cruciferae; Medicago; Pesticide Residues; ...4.0520

HERBICIDAL WEED CONTROL IN ALFALFA IN WYOMING ...Atrazine; Chenopodiaceae; Medicago; Pesticide Evaluation; Pesticide Residues; Rp-11561; ...4.0524

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Aquifoliaceae; Ericaceae; Juniperus; Pesticide Action on Plants; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; Simazine; ...4.0761

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; ...4.0899

WEED CONTROL IN FRUIT CROPS, WITH SPECIAL REFERENCE TO APPLE AND PEACH ...Dichlobenil; Economics of Chemical Control; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Prunus Persica; Simazine; ...4.0936

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides - other; Quail; Tobacco -cigarettes; ...4.0972

REDUCTION OF HERBICIDE RESIDUES ...Adjuvants; Granules, Capsules; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -other; ...4.0977

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Tok; Vegetables; ...4.1022

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Liquids Or Sprays; Maloran; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals; Phleum; Silvex; Zea Mays - Field Corn; ...4.1083

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Dichlobenil; Groundwater; Pesticide Legal Aspects; Pesticide Persistance in Soils; Soil Chemical Properties; Water Pollutants - Path of; ...4.1091

Terbutol

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Vcs-438; ...4.0172

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memuii; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

Tillam

SUGAR BEET DISEASES ...Amaranthaceae; Cycloate; Pesticide Evaluation; Pesticide Interaction -gen.; Pyrazon; ...4.0245

WEED CONTROL IN PLANT INDUSTRY ...Capsicum; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Sirmate; Vegetables; ...4.0291

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Vcs-438; ...4.0501

METABOLISM OF HERBICIDES AND TRANSFORMATION PRODUCTS ...Amino Triazole; D, 2,4-; Laboratory Animals; Metabolites From Pesticides; Muridae; PMA; ...4.0819

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

Tok

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; 2,4-db; ...4.0263

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus, Cucumis Sativus; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Phaseolus; Planavin; Vegetables; ...4.0292

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica: Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

THE CONTROL OF WEEDS IN RICE BY THE USE OF HERBICIDES ...Byram; Oryzeae; Pesticide Evaluation; Pesticides -other; Propanil; ...4.0380

HERBICIDES FOR VEGETABLES ...Allium; Cucumis Sativus; Fungal Resistance; Pesticide Evaluation; Plant Resistance; Soil Environment -other; Virus Resistance; ...4.0420

EVALUATION OF HERBICIDES AND THEIR INFLUENCE ON THE PHYSIOLOGY OF VEGETABLE CROPS ...Absorption (incl. Adsorption); Cruciferae; Irrigation; Pesticide Application Rates; Pesticide Phytotoxicity; Respiration; Trifluralin; ...4.0473

STUDY OF HERBICIDES SELECTIVITY USING INTRA-SPECIES PLANT INDICATORS ...Absorption (incl. Adsorption); Carbon; Mineral Nutrition; Pesticide Phytotoxicity; Photosynthesis; Respiration; ...4.0614

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Vegetables; ...4.1022

Trietazine

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides -see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

Trifluralin

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

CONSERVATION OF RESOURCES IN MUNICIPAL WASTES ...Bromacil; Cotoran; Pennisetum; Plant Residues, Humus, Compost; Soil - Crop Relationships; Soil Cover Crops; ...3.0046

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Cotoran; Environment Accumulation Rates; Gossypium; Liquids Or Sprays; Pesticide Movement in Soils; Pesticides -see Pesticide; Rain; ...4.0061

INTERACTIONS OF SOIL MICROORGANISMS AND HERBICIDES ...Cellular Catabolism-see Degrad; Diquat; Paraquat; Rhizoctonia; Soil Microbiology; ...4.0077

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Metabolites From Pesticides; Pesticide Application Rates, Pesticide Toxicity to Microorg; Pythium; Sclerotinia; Soil Microbiology; ...4.0078

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Cotoran; Leaching; Msma; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0079

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; ...4.0098

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Endrin; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain; Soil Chemical Properties; Soil Depth; ...4.0099

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Vegetables; ...4.0103

PERSISTENCE AND DETOXIFICATION OF HERBICIDES IN SOIL ...Climates -general; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Aeration; Soil pH; ...4.0136

PERSISTENCE OF HERBICIDES IN SOILS ...Alanap; Gossypium; Pesticide Persistance in Soils; Pesticides Compatibility; Plant Absorption -other; Root Absorption; Soil pH; Translocation; ...4.0137

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules; Liquids Or Sprays; Mulches; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Tillage, Cropping Systems; Zea Mays - Field Corn; ...4.0138

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Equipment; Labiatae; Nematoda; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Gossypium; Metabolites From Pesticides; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Piedmont Province; Soil Chemical Properties; Soil Microbiology; ...4.0174

THE LOSS OF HERBICIDES FROM SOIL ...Adjuvants; Degradation; Pesticide Volatility; Planavin; Soil Chemical Properties; ...4.0182

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium: Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ..4.0186

INFLUENCE OF HERBICIDES, FUNGICIDES, & INSECTICIDES ON COTTON GERMINATION & SEEDLING VIGOR ...Gossypium; Korax; Pesticide Interaction With Env; Planavin, Soil Microbiology; Temperature - Air; ...4.0207

WEED CONTROL IN COTTON AND OTHER AGRONOMIC CROPS UNDER IRRIGATED CONDITIONS ...Cultural Control; Diuron; Pesticide Application Rates; Pesticide Residues; Physical Control; Thimet; ...4.0210

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; ...4.0230

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Amaranthaceae; Chenopodiaceae; Convolvulaceae; Dicamba; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Absorption -other; Translocation; ...4.0249

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vcs-438; ...4.0277

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; ...4.0284

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

WEED CONTROL IN HORTICULTURAL CROPS ...Dalapon; Iridaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Simazine; ...4.0328

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -non-liquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF SELECTIVITY OF HERBICIDES ...Absorption (incl. Adsorption); Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Movement in Soils; Physiological Resistance; Translocation; ...4.0345

USE OF HERBICIDES TO CONTROL WEEDS IN FORAGES ...Benefin; Cipc; Diquat; Fertilizers; Medicago; Planavin; ...4.0350

BIOLOGICAL ACTIVITY AND MODE OF ACTION OF HERBICIDES USED ON CORN, SOYBEANS, AND TOBACCO ...Carriers -non-liquid; Formulations -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; ...4.0351

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Cdaa; Glycine; Nitrification; Pesticides Compatibility; Rhizosphere; Soil Chemical Properties; Soil Microbiology; ...4.0369

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ..Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Gossypium; Herban; Liquids Or Sprays; Pesticide Evaluation; Planavin; Prometryne; ...4.0379

INTERACTION OF COMBINATIONS OF HERBICIDES AND OTHER PESTICIDES IN COTTON PRODUCTION ...Aliphatic Carbamates; Cyclic Organic Cpds. --(1 Or ; Diuron ; Malvaceae; Pesticide Evaluation; Planavin; ...4.0381

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; ...4.0418

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; ...4.0432

EVALUATION OF HERBICIDES AND THEIR INFLUENCE ON THE PHYSIOLOGY OF VEGETABLE CROPS ...Absorption (incl Adsorption); Cruciferae; Irrigation; Pesticide Application Rates; Pesticide Phytotoxicity; Respiration; ...4.0473

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Turf; ...4.0481

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Aquifoliaceae; Conifers; Granules, Capsules; Ornamentals; Pesticide Application Rates; Pinus (other Specifics); Senecio; Soil Types -also See Specifics; Washington; ...4.0510

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF HERBICIDAL ACTION ...Chemical Analysis; Diuron; Herbicides and Other Chem; Picloram; Planavin; Silvex; ...4.0842

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben, Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; ...4.0944

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; ...4.0950

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

A STUDY OF THE HORTICULTURE SPECIALTY INDUSTRY IN MISSISSIPPI ...Brassica Species; Dacthal; Lycopersicum; Residues in Foods; ...4.1053

METABOLISM OF AGRICULTURAL CHEMICALS BY RUMEN MICROORGANISMS ...Bos; Insecticides -nonspecific; Microorganism-see Cell. Catab.; Protozoa; Terramycin; ...4.1099

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Solar Radiation -sunshine; ...4.1109

PESTICIDE RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Bioassay; Brassica Species; Cladocera; Fish; Leaf Analysis; Pesticide in Food Chains; ...4.1111

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; X and Gamma Rays; ...5.0064

Urea Cpds. -nonspecific

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Carriers -non-liquid; Cotoran; Gossypium; Msma; Pesticide Drift; Pesticide Interaction With Env; Thimet; ...4.0035

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Insecticides -nonspecific; Pesticide Degradation -see Deg; Soil Microbiology; ...4.0134

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; ...4.0240

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Bensulide; Environment Accumulation Rates; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Triazines -nonspecific; ...4.0404

PESTICIDE INTERACTIONS - INFLUENCE ON PLANT GROWTH AND MECHANISMS OF TOXICITY AND DETOXICATION ...Carbamates -nonspecific; Pesticide Action on Plants; Pesticide Phytotoxicity; Temperature - Air; ...4.0427

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Climates -general; Flood Irrigation; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Residues; Sandy Soils -see Soil Type; Sprinkler Irrigation; ...4.0484

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0509

METABOLISM OF PESTICIDES BY BEEF CATTLE ...Aldrin; DDT; Feces; Pesticide Action on Animals; Pesticide Safety Measures; TDE; Vertebrate Anatomy; ...4.0645

HERBICIDE RESIDUE METHODS ...Atrazine; Chemical Analysis, Microwave Spectroscopy; Pesticide Residues; Prometone; Propazine; ...4.1064

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis; Quinone Cpds. - nonspecific; Triazines -nonspecific; ...4.1086

PEPTIDE HYDROLASES IN PESTICIDE METABOLISM BY PLANTS ...Carbamates -nonspecific; Glycine; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Evaluation; Plant; Thiocarbamate -nonspecific; ...4.1093

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

Vcs-438

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; ...4.0069

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; ...4.0172

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; ...4.0277

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Bladex; Convolvulaceae; Grass - nonspecific; Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; ...4.0364

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram, Prometryne; Rosaceae; Simazine; Tillam; ...4.0501

Vernolate

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; ...4.0118

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdaa; Chemical Analysis; Citrus; D, 2,4-; Gel Chromatography; Naa; Pesticide Residues; ...4.0237

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -non-liquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; ...4.0344

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; ...4.0516

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; Trifluralin; ...4.0950

Xylene

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; ...4.0017

HERBICIDE RESIDUES ...Acrolein; Contamination - Soil; D, 2,4-; Fixed Copper; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; ...4.0018

Zytron

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...4.0418

2,4-db

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; ...4.0130

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dachal; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; ...4.0263

USE OF HERBICIDES TO CONTROL WEEDS IN FORAGES ...Benefin; Cipc; Diquat; Fertilizers; Medicago; Planavin; Trifluralin; ...4.0350

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Agropyron; Cyperaceae; Dalapon; Medicago; Pesticide Degradation -see Deg; Pesticide Interaction With Env; Pesticide Residues; ...4.0419

MACHINES FOR ESTABLISHMENT AND MANAGEMENT OF CROPS AND PASTURE ...Benefin; Eptam; Pesticide Evaluation; Soil Compaction Or Density; ...4.0515

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

Insect Chemosterilants

Apholate

CHARACTERIZATION OF CYTOLOGICAL RESPONSES TO TOXICATIONS OF PESTICIDES IN LIVESTOCK ...Antihelminth; Birds; Developmental Physiology; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0873

Aziridine Cpds. -nonspecific

FATE AND PHYSIOLOGICAL EFFECTS OF CHEMOSTERILANTS AND OTHER COMPOUNDS ...Adjuvants; Animal Pests; Biodegradation; Pesticide Action on Animals; ...4.1095

Diphenylamine

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Alternaria; Concentrates, Ethoxyquin; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pesticide Phytotoxicity; Pyrus Malus; Temperature - Air; ...4.0339

TOXICITY AND CARCINOGENICITY OF DIPHENYLAMINE TO MICE ...Laboratory Animals; Muridae; Pesticide Formulation; Pyrus Malus; Residues in Foods; ...4.0763

Ems

EFFECTIVENESS AND EFFICIENCY OF PHYSICAL AND CHEMICAL MUTAGENS ...Chemical Mutagenesis; Hordeum Vulgare; Neutron -see Radiation; Physical Mutagenesis; Radiation Effects -see Rad.; Temperature - Air; ...5.0613

Hempa

TOXICOLOGY OF CANDIDATE INSECT CHEMOSTERILANTS OR ATTRACTANTS ...Laboratory Animals; Muridae; Pesticide Action on Animals; Pesticide Evaluation; Tepa; ...4.0888

Insect Chemosterilants -ns.

STORED GRAIN AND CEREAL PRODUCTS INSECT CONTROL BY METHODS LEAVING MINIMUM OF PESTICIDE RESIDUE ...Insecticides -nonspecific; Physical Control; ...4.0216

INSECTS AFFECTING THE APPLE ...Animal Life History Studies; Biological Control; Guthion; Monitor; Pesticide Evaluation; Pesticide Phytotoxicity; Torak; ...4.0334

BIOLOGY, ECOLOGY, CONTROL AND BEHAVIOR OF HIPPELATES EYE GNATS ...Baits, Lures; Pesticide Application Rates; Pesticide Evaluation; Pesticide Persistance in Soils; Sanitation; Soil Moisture; Trithion; ...4.0564

EFFECTS OF THE CHEMOSTERILANT, TEPA, ON INSECTIVOROUS SONGBIRDS ...Birds; Passeriformes; Population Dynamics -general; Washington; ...4.0576

INSECTICIDE METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Birds; Developmental Physiology; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues in Feeds; ...4.0607

Metepa

CHARACTERIZATION OF CYTOLOGICAL RESPONSES TO TOXICATIONS OF PESTICIDES IN LIVESTOCK ...Antihelminth; Birds; Developmental Physiology; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0873

Tepa

EFFECTS OF THE CHEMOSTERILANT, TEPA, ON INSECTIVOROUS SONGBIRDS ...Birds; Insect Chemosterilants -ns.; Passeriformes; Population Dynamics -general; Washington; ...4.0576

CHARACTERIZATION OF CYTOLOGICAL RESPONSES TO TOXICATIONS OF PESTICIDES IN LIVESTOCK ...Antihelminth; Birds; Developmental Physiology; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0873

TOXICOLOGY OF CANDIDATE INSECT CHEMOSTERILANTS OR ATTRACTANTS ...Hempa; Laboratory Animals; Muridae; Pesticide Action on Animals; Pesticide Evaluation; ...4.0888

Insecticide - Acaricide

Aliphatic Carbamates

PRELIMINARY EXPLORATORY CITRUS RESEARCH AT CITRUS EXPERIMENT STATION ...Fruit, Nut, and Berry Crops; Literature Search; Pesticide Formulation; Pesticide Residues; Soil Depth; ...4.0096

NEMATOCIDES AND POTENTIAL NEMATOCIDAL CHEMICALS RESIDUES IN PLANTS AND DIFFUSION IN SOIL ...Dichloropropene; Nemagon; Nematoda; Pesticide Persistance in Soils; ...4.0145

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

CONTROL OF NEMATODES IN NURSERIES AND ON PLANT MATERIALS ...Methomyl; Nematoda; Pesticide Evaluation; Pesticides -other; V-c 13; ...4.0239

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Cerewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

BIONOMICS OF THE PLANT NEMATODE TRICHODORUS CHRISTIEI ...Chrysanthemum; Mocap; Ornamentals; Pesticide Evaluation; Population Dynamics -general; Zinophos; ...4.0260

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

CHEMICAL CONTROL OF NEMATODE ROOT ROT COMPLEX OF SHADE-GROWN TOBACCO ...Furadan; Natural N-fixation - other; Nicotiana; Vorlex; ...4.0282

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Dieldrin; Disulfoton; Granules, Capsules; Meta - Systox; Ornamentals; Pesticide Action on Plants; Pesticide Interaction With Env; Temporal Distribution; ...4.0289

THE RELATIONSHIP OF INSECTS TO THE LEAFROLL VIRUS DISEASE OF POTATO ...Biological Control; Granules, Capsules; Pesticide Application Rates, Pesticide Phytotoxicity; Vegetables; ...4.0300

INTERACTION OF COMBINATIONS OF HERBICIDES AND OTHER PESTICIDES IN COTTON PRODUCTION ...Cyclic Organic Cpds. --(1 Or ; Diuron ; Malvaceae; Pesticide Evaluation; Planavin; Trifluralin; ...4.0381

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Azodrin; Dusts; Gc 6506; Granules, Capsules; Hercules 13462; Methomyl; Pesticide Phytotoxicity; Plant Population Dynamics - gen; ...4.0383

VEGETABLE INSECT INVESTIGATIONS ...Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

RESEARCH IN METHODS FOR TESTING ECONOMIC POISONS, FEEDS FERTILIZERS AND LIMING MATERIALS ...Chemical Analysis; Organophosphorous Cpds.; Soil Analysis; Solanum; ...4.0400

BIONOMICS OF THE CEREAL LEAF BEETLE ...Furadan; Insect Resistance; Pesticide Evaluation; Thimet; Triticum; ...4.0434

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant; Solanum; ...4.0435

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS ...Bacillus Thuringiensis; Chlorphenamidine; Furadan; Methomyl; Pesticide Application Equip.; Pesticide Residues; Thuricide; ...4.0444

BIOLOGY AND CONTROL OF INSECTS IN DECIDUOUS FORESTS AND CHRISTMAS TREE PLANTATIONS ...Acer Species; Dieldrin; Liquids Or Sprays; Pesticide Evaluation; Thiodan; ...4.0464

INSECTICIDES AS RELATED TO COTTON INSECT CONTROL ...Animal Resistance; Arachnida; Gc 6506; Gossypium; Granules, Capsules; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0492

BIOLOGY AND CONTROL OF THE HELIOTHIS COMPLEX ON COTTON ...Animal Resistance; Biological Control; DDT; Population Dynamics -general; Toxaphene; ...4.0688

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Arachnida; Biological Control; Chlorinated Hydrocarbons; Dimethoate; Meta - Systox; Pesticide Evaluation; Sevin; ...4.0809

BIOLOGY AND CONTROL OF ARTHROPODS ON SOYBEANS ...Arachnida; Biological Control; Insect Resistance; Methomyl; Pesticide Evaluation; Population Dynamics -general; ...4.0843

METABOLISM OF CARBAMATE INSECTICIDES ...Animal Resistance; Bos; Herbicides and Other Chem; Mammals -nonspecific; Pesticide Action on Plants; Pesticide Residues; Sevin; ...4.0860

METABOLISM OF CARBAMATE INSECTICIDES ...Biodegradation; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Action on Plants; Radioisotopes -nonspecific; Toxicology; ...4.0861

CONTROL OF INSECTS AND MITES ON HOPS ...Azodrin, C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Citrus; DDT; Labiatae; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPECIES IN COTTON AND OTHER HOST PLANTS ...Animal Resistance; DDT; Insect Resistance; Methyl Parathion; Pesticides -other; Sevin; ...4.1037

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; Disulfoton; Moisture Deficiency; Pesticide in Food Chains; Pesticide Residues; Preventative Measures; Rubus; ...4.1080

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Dichlobenil; Groundwater; Pesticide Legal Aspects; Pesticide Persistance in Soils; Soil Chemical Properties; Terbacil; Water Pollutants - Path of; ...4.1091

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Diazinon; Glycine; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

PESTICIDE ANALYSIS, COLLEGE STATION ...Gc 6506; Muridae; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Thin Layer Chromatography; ...4.1122

METHODS OF ANALYSIS FOR PESTICIDES, YAKIMA ...Chemical Analysis; Furadan; Gas Chromatography; Metabolites From Pesticides; Pesticide Persistance in Soils; Sevin; ...4.1130

Bayer 37344

CONTROL OF MITES AND INSECTS ON FRUIT TREES ...Acaricides -nonspecific; Arachnida; Bioassay; Chlorphenamidine; Omite; Plictran; ...4.0879

Baytex

EFFECT OF MOSQUITO CONTROL CHEMICALS ON AQUATIC FAUNA ...Abate; Biological Effects; Irrigation; Oryzeae; Pesticide Evaluation; Pesticides -see Pesticide; ...4.0539

RESPONSES OF DAIRY CATTLE FED FEEDSTUFFS CONTAINING RESIDUES OF CERTAIN AGRICULTURAL CHEMICALS ...Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0601

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Dursban; Imidan; Mca-600; Pesticide Evaluation; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.0602

THE BIOLOGY AND CONTROL OF ARTHROPODS AFFECTING MAN AND ANIMALS ...Bos; Cythioate; Gardona; Pesticide Action on Animals; Pesticide Evaluation; Rabbits; Ruelene; ...4.0824

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Chemical Analysis; Feces; Metabolites From Pesticides; Pesticide Rates -general; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.1020

Bromophos

PARASITES OF POULTRY, BIOLOGY, DISTRIBUTION AND CONTROL ...Aerosols - Smokes, Fogs, Steam; Arachnida; Chloropropylate; Neo-pynamin; Pesticide Evaluation; ...4.0841

Chlorobenzilate

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Biological Control; Chlorphenamidine; Economic Losses (or Benefits); Medicago; Pesticide Application Rates; Pesticide Evaluation; Toxaphene; ...4.0010

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Animal; Ddvp; Diazinon; Herbicides and Other Chem; Pesticide Action on Animals; Plant; Translocation; ...4.1066

Chloropropylate

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Biological Control; Chlorobenzilate; Chlorphenamidine; Economic Losses (or Benefits); Medicago; Pesticide Application Rates; Pesticide Evaluation; Toxaphene; ...4.0010

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chrysanthemum; Cyclic Organic Cpds. --(1 Or ; Fore ; Kelthane; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

PARASITES OF POULTRY, BIOLOGY, DISTRIBUTION AND CONTROL ...Aerosols - Smokes, Fogs, Steam; Arachnida; Neopynamin; Pesticide Evaluation; ...4.0841

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; DDT; Ethion; Kelthane; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biological Control; Chlorphenamidine; Gardona; Insects - Beneficial; Liquids Or Sprays; Oxthioquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Cucurbita; Liquids Or Sprays; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Plant Growth Regulators -ns.; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

Chlorphenamidine

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Biological Control; Chlorobenzilate; Economic Losses (or Benefits); Medicago; Pesticide Application Rates; Pesticide Evaluation; Toxaphene; ...4.0010

PEST CONTROL OF AVOCADO ...Arachnida; Domestic Animals; Furadan; Insects - Beneficial; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Chrysanthemum; Diazinon; Furadan; Landrin; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. --(1 Or ; Fore ; Kelthane; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues;

Petroleum Cpds. -nonspecific; Phosvel; Population Dynamics - general; Torak; ...4.0347

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Bacillus Thuringiensis; Biological Control; Convolvulaceae; Furadan; Liquids Or Sprays; Monitor; Pesticide Evaluation; Thuricide; ...4.0354

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Furadan; Guthion; Liquids Or Sprays; Pesticide Evaluation; Phosalone; Pyrus Malus; UC 34096; ...4.0413

CONTROL OF ORCHARD MITES IN WESTERN NEW YORK ...Acarol; Arachnida; Demeton; Kelthane; Pcs 1301; Petroleum Cpds. -nonspecific; Trithion; ...4.0414

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida; Formetanate; Guthion; Imidan; Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS ...Aliphatic Carbamates; Bacillus Thuringiensis; Furadan; Methomyl; Pesticide Application Equip.; Pesticide Residues; Thuricide; ...4.0444

BIOLOGY AND CONTROL OF ARTHROPODS ON APPLES ...Acaricides -nonspecific; Animal Life History Studies; Biological Control; Monitor; Pesticide Evaluation; Phosalone; ...4.0475

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

EFFECT OF PESTICIDES ON APICULTURE ...Abate; Dipterex; Insects - Beneficial; Methomyl; Temperature - Air; Toxaphene; ...4.0561

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates; Arachnida; Biological Control; Chlorinated Hydrocarbons; Dimethoate; Meta - Systox; Pesticide Evaluation; Sevin; ...4.0809

CONTROL OF MITES AND INSECTS ON FRUIT TREES ...Acaricides -nonspecific; Arachnida; Bioassay; Omite; Plictran; ...4.0879

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

CORN EARWORM CONTROL ...Bay 93820; Methomyl; Pesticide Phytotoxicity; Sevin; Zea Mays - Field Corn; ...4.0898

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biological Control; Gardona; Insects - Beneficial; Liquids Or Sprays; Oxthioquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Animal; Chlorobenzilate; Ddvp; Diazinon; Herbicides and Other Chem; Pesticide Action on Animals; Plant; Translocation; ...4.1066

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING STONE FRUITS ...Arachnida; Baygon; Liquids Or Sprays; Pesticide Evaluation; Petroleum Cpds. -nonspecific; Rosaceae; Yeasts -nonspecific; ...4.1128

Cythioate

THE BIOLOGY AND CONTROL OF ARTHROPODS AFFECTING MAN AND ANIMALS ...Baytex; Bos; Gardona; Pesticide Action on Animals; Pesticide Evaluation; Rabbits; Ruelene; ...4.0824

Demeton

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

CONTROL OF ORCHARD MITES IN WESTERN NEW YORK ...Acarol; Arachnida; Kelthane; Pcs 1301; Petroleum Cpds. -nonspecific; Trithion; ...4.0414

EFFECT OF PHOSPHORUS INSECTICIDES ON QUALITY OF ALFALFA HAY ...Malathion; Nitrogen and Nitrogen Cpds.; Pesticide Action on Plants; Pesticide Residues; Phosphorus and Phosphorus Cpds; Temperature - Air; Tissue Accumulation Rates; ...4.0521

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

PESTICIDE RESIDUES IN ENVIRONMENT AND EFFECTS ON MARKETING AGRICULTURAL COMMODITIES ...Agricultural Economics; Consumer Attitudes- Pesticides; Medicago; Organophosphorous Cpds.; Pesticide Residues; Pesticides -nonspecific; ...4.1071

Dimethoate

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Emulsifiers; Formulation- -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates; Dieldrin; Disulfoton; Granules, Capsules; Meta - Systox; Ornamentals; Pesticide Action on Plants; Pesticide Interaction With Env; Temporal Distribution; ...4.0289

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Azodrin; Compositae; Ericaceae; Pesticide Application Rates; Pesticide Phytotoxicity; Supracide; Temperature - Air; ...4.0332

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant; Residues in Foods; Vegetables; ...4.0348

TRANSFORMATIONS OF INSECTICIDES BY PLANTS ...Animal Pests; Degradation; Enzymes; Pesticide Residues; Plant; Radioisotopes -nonspecific; ...4.0349

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Economic Losses (or Benefits); Furadan; Malathion; Oleaceae; Pesticide Phytotoxicity; Population Dynamics -general; Thimet; ...4.0433

BIOLOGY AND CONTROL OF INSECTS IN DECIDUOUS FORESTS AND CHRISTMAS TREE PLANTATIONS ...Acer Species; Aliphatic Carbamates; Dieldrin; Liquids Or Sprays; Pesticide Evaluation; Thiodan; ...4.0464

WILDLIFE VS. BIDRIN AND DIMETHOATE USE IN SEED ORCHARDS ...Animal Distribution; Bidrin; Birds; Mammals; Pesticide Legal Aspects; Population Dynamics -general; ...4.0575

OXIDATIVE DEALKYLATION OF INSECTICIDES ...Bidrin; Chlorine; Laboratory Animals; Muridae; Pesticide Formulation; ...4.0650

BEE INVESTIGATIONS ...Aquifoliaceae; Climates -general; Ericaceae; Lindane; Pollens -see Air Pollution; ...4.0760

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates; Arachnida; Biological Control; Chlorinated Hydrocarbons; Meta - Systox; Pesticide Evaluation; Sevin; ...4.0809

INSECT POLLINATION INVESTIGATIONS ON LEGUMES ...Dibrom; Dipterex; Insects - Beneficial; Medicago; ...4.0876

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

OXIDATIVE DEALKYLATION OF PESTICIDES ...Bidrin; Chemical Degradation; Dieldrin; Laboratory Animals; Muridae; Phosphamidon; ...4.0958

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

BIOLOGICAL DEGRADATION OF AGRICULTURAL INSECTICIDES ...Azodrin; Biodegradation; Chemical Analysis; Metabolites From Pesticides; Phosphamidon; ...4.1042

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Chenopodiaceae; Dieldrin; Insect Resistance; Parathion; Pesticide Residues; Sorghum; Triticum; ...4.1115

Dimite

ENVIRONMENTAL DECONTAMINATION, ESPECIALLY FOR FEEDSTUFFS AND ASSOCIATED FOODS ...Chemical Analysis; DDT; Food Contamination; Pesticide Residues in Feeds; Residues in Foods; Trichloroethylene; ...4.1002

Dioxathion

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; DDT; Ethion; Kelthane; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

Disulfoton

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology, Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

WEED CONTROL IN COTTON AND OTHER AGRONOMIC CROPS UNDER IRRIGATED CONDITIONS ...Cultural Control; Diuron; Pesticide Application Rates; Pesticide Residues; Physical Control; Thimet; ...4.0210

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Cyclodiene Cpds. -nonspecific; Dyphonate; Gardona; Methomyl; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Azodrin; Granules, Capsules; Nemacur P; Pesticide Evaluation; Pesticides -other; Supracide; Zinophos; ...4.0264

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates; Dieldrin; Granules, Capsules; Meta - Systox; Ornamentals; Pesticide Action on Plants; Pesticide Interaction With Env; Temporal Distribution; ...4.0289

THE RELATIONSHIP OF INSECTS TO THE LEAFROLL VIRUS DISEASE OF POTATO ...Aliphatic Carbamates; Biological Control; Granules, Capsules; Pesticide Application Rates; Pesticide Phytotoxicity; Vegetables; ...4.0300

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant; Residues in Foods; Vegetables; ...4.0348

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Bacillus Thuringiensis; Biological Control; Convolvulaceae; Furadan; Liquids Or Sprays; Monitor; Pesticide Evaluation; Thuricide; ...4.0384

INTERACTION OF COMBINATIONS OF HERBICIDES AND OTHER PESTICIDES IN COTTON PRODUCTION ...Aliphatic Carbamates; Cyclic Organic Cpds. --(1 Or ; Diuron ; Malvaceae; Pesticide Evaluation; Planavin; Trifluralin; ...4.0381

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Azodrin; Dusts; Gc 6506; Granules, Capsules; Hercules 13462; Methomyl; Pesticide Phytotoxicity; Plant Population Dynamics -gen; ...4.0383

STAND ESTABLISHMENT AND SEEDLING DISEASE CONTROL ...Chloroneb; Gossypium; Growth; Pesticide Evaluation; Plant Pathogenetic Fungi; Planting Methods; Temperature - Air; ...4.0384

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS ...Aliphatic Carbamates; Bacillus Thuringiensis; Chlorphenamidine; Furadan; Methomyl; Pesticide Application Equip.; Pesticide Residues; Thuricide; ...4.0444

EFFECT OF PROCESSING ON SYSTEMIC PESTICIDES IN COFFEE, PINEAPPLE, AND TOMATO ...Bayer Compounds; Chemical Analysis; Food Contamination; Pesticide Action on Plants; Phosphorus and Phosphorus Cpds; Rubiaceae; ...4.0472

EVALUATING NEW FUNGICIDES ...Capsicum; Granules, Capsules; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Vegetables; ...4.0479

STUDY OF THE PRODUCTION AND DISTRIBUTION OF THE CHOLINESTERASE ENZYME IN ORGANOPHOSPHOROUS POISONING ...Handling & Application; Muridae; Pesticide Action on Animals; Toxicology; ...4.0810

TOLERANCE TO CHOLINESTERASE INHIBITORS - EFFECTS OF ANTIDOTES ON TOLERANCE AND RECOVERY ...Muridae; Organophosphorous Cpds.; Pesticide Safety Measures; Physiological Resistance; Toxicology; ...4.0817

SYSTEMIC INSECTICIDE RESEARCH ON MISCELLANEOUS INSECTS AND SPIDER MITES OF COTTON ...Animal Resistance; Azodrin; Fertilizers; Granules, Capsules; Pesticide Action on Plants; Pesticide Formulation; ...4.0864

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bux-ten; Guthion; Monitor; Nicotine; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...4.1036

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Aliphatic Carbamates; Chemical Analysis; Moisture Deficiency; Pesticide in Food Chains; Pesticide Residues; Preventative Measures; Rubus; ...4.1080

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Labiatae; Moraceae; Pesticide Action on Plants; Pisum; Thimet; Zea Mays - Field Corn; ...4.1102

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Bacillus Thuringiensis; Brassica Species; Chemical Analysis; Gas Chromatography; Pesticide Evaluation; Pesticide Residues; Soil Contamination -other; Thimet; ...4.1132

Ep-332

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. --(1 Or ; Fore ; Kelthane; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

Ethion

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Arthropods; Organophosphorous Cpds.; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Trithion; ...4.0483

TOLERANCE OF ORGANIC PHOSPHATES IN MAN ...Guthion; Methyl Parathion; Pesticide Toxicity in Humans; Phosdrin; Toxicology; Trithion; ...4.0569

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Dursban; Heptachlor; Meliagris; Paraquat; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; DDT; Kelthane; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

Fenazaflor

CONTROL OF ORCHARD MITES IN WESTERN NEW YORK ...Acarol; Arachnida; Demeton; Kelthane; Pcs 1301; Petroleum Cpds. -nonspecific; Trithion; ...4.0414

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

Folimat

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Chlorphenamidine; Furadan; Guthion; Liquids Or Sprays; Pesticide Evaluation; Phosalone; Pyrus Malus; UC 34096; ...4.0413

Formetanate

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals; Furadan; Insects - Beneficial; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida; Guthion; Imidan; Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

Gc 6506

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Azodrin; Dusts; Granules; Capsules; Hercules 13462; Methomyl; Pesticide Phytotoxicity; Plant Population Dynamics -gen; ...4.0383

INSECTICIDES AS RELATED TO COTTON INSECT CONTROL ...Aliphatic Carbamates; Animal Resistance; Arachnida; Gossypium; Granules; Capsules; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0492

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

PESTICIDE ANALYSIS, COLLEGE STATION ...Aliphatic Carbamates; Muridae; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Thin Layer Chromatography; ...4.1122

Hercules 13462

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Azodrin; Dusts; Gc 6506; Granules; Capsules; Methomyl; Pesticide Phytotoxicity; Plant Population Dynamics -gen; ...4.0383

Methyl Paraoxon

METABOLISM AND TOXICITY OF ORGANOPHOSPHORUS INSECTICIDES ...Animal; Insecticides -nonspecific; Muridae; Pesticide Action on Animals; Pesticides -other; ...4.1025

Omite

BIOLOGY AND CONTROL OF ARTHROPODS ON APPLES ...Acaricides -nonspecific; Animal Life History Studies; Biological Control; Chlorphenamidine; Monitor; Pesticide Evaluation; Phosalone; ...4.0475

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Mytrol; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS IN THE MID-COLUMBIA AREA ...Animal Life History Studies; Arachnida; Biological Control; Imidan; Pesticide Evaluation; ...4.0829

CONTROL OF MITES AND INSECTS ON FRUIT TREES ...Acaricides -nonspecific; Arachnida; Bioassay; Chlorphenamidine; Plictran; ...4.0879

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biological Control; Chlorphenamidine; Gardona; Insects - Beneficial; Liquids Or Sprays; Oxthioquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING STONE FRUITS ...Arachnida; Baygon; Liquids Or Sprays; Pesticide Evaluation; Petroleum Cpds. -nonspecific; Rosaceae; Yeasts -nonspecific; ...4.1128

Paraoxon

CONTROLLED GROWTH AND METABOLISM OF AVIAN CELLS ...Birds; Embryology -basic; Gallus Domesticus; Malaoxon; Malathion; Parathion; Pesticide Action on Animals; ...4.0558

LIPOLYSIS OF MILK AND OTHER ANIMAL FATS AS INFLUENCED BY PESTICIDE RESIDUES ...DDT; Food Contamination; Parathion; Pesticide Formulation; Pesticide Rates - general; Sevin; ...4.0582

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Labiatae; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

ANALYTICAL METHODS FOR PESTICIDES AND PESTICIDE DEGRADATION PRODUCTS ...Bos; Degradation -see Pesticide Deg; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Sumithion; ...4.1103

Parathion

INFLUENCE OF ENVIRONMENT, CHEMICAL ADDITIVES AND AIR POLLUTANTS ON APPARENT PHOTOSYNTHESIS AND RESPIRATION ...Absorption (incl. Adsorption); Industrial Pollution -general; Lactuca; Nitrogen and Nitrogen Cpds.; Phaseolus; Respiration; ...1.0324

LONG-TERM EFFECTS OF PESTICIDES ON AQUATIC INVERTEBRATES ...Amphipoda; Endrin; Pesticides -see Pesticide; Sevin; ...2.1588

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Gas Chromatography; Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Brassica Species; Malathion; Pesticide Application Rates; Pesticide in Food Chains; Pesticide Residues Removal; Residues in Foods; ...4.0202

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Diazinon; Granules; Capsules; Lactuca; Liquids Or Sprays; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Apium Species; DDT; Pesticide Residues; Pesticide Residues Removal; Temperature - Air; Vegetables; ...4.0266

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates; Dieldrin; Disulfoton; Granules, Capsules; Meta - Systox; Ornamentals; Pesticide Action on Plants; Pesticide Interaction With Env; Temporal Distribution; ...4.0289

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

CONTROLLED GROWTH AND METABOLISM OF AVIAN CELLS ...Birds, Embryology -basic; Gallus Domesticus; Malaoxon; Malathion; Paraoxon; Pesticide Action on Animals; ...4.0558

LIPOLYSIS OF MILK AND OTHER ANIMAL FATS AS INFLUENCED BY PESTICIDE RESIDUES ...DDT; Food Contamination; Pesticide Formulation; Pesticide Rates -general; Sevin; ...4.0582

IDENTIFICATION, BIOLOGY AND CONTROL OF INSECTS ATTACKING SWEET CORN ...Animal Life History Studies; Biological Control; Gardona; Methomyl; Pesticide Evaluation; Pesticide Phytotoxicity; Zea Mays - Field Corn; ...4.0585

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine, Emulsifiers; Forturf; Fusarium; Morven; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

RESPONSE OF RATS TO DIETS CONTAINING MULTIPESTICIDE COMPONENTS ...DDT; Muridae; Pesticide Interaction -gen.; Zinc; ...4.0615

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Estuaries; Laboratory Animals; Physiological Effects; Spawn Or Nesting Sites; ...4.0653

CONTROL OF INSECT PESTS OF VEGETABLES BY INSECTICIDES AND PLANT RESISTANCE ...Animal Resistance; Chlordan; Insect Resistance; Pesticide Evaluation; Solanum; Thimet; ...4.0684

COMMUNITY STUDY ON PESTICIDES ...Air Pollution -see Specifics; DDT; Methyl Parathion; Occupational Hazards; Pesticide Rates -general; Pesticide Toxicity in Humans; Toxicology; ...4.0686

INTERACTIONS BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Animal Resistance; Bioassay; Fish; Pesticide Action on Animals; ...4.0704

EFFECTS OF PARATHION AND MALATHION ON WARMWATER FISH PONDS ...Aquatic Ecology - Animal; Ictalurus Punctatus; Malathion; Pesticide Action on Animals; Pesticides -see Pesticide; Temperature (water); ...4.0717

EFFECTS OF ETHYL PARATHION ON PHEASANTS ...Bioassay; Bioassays; Pesticide Action on Animals; Pheasant; ...4.0756

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; DDT; Ethion; Kelthane; Pesticide in Food Chains; TDE; Virginia; ...4.0890

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Phaseolus; Sevin; Temperature - Air; ...4.0941

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Paraoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; Gallus Domesticus; Medicago; Pesticide Formulation; Pesticide Residues; Tissue Accumulation Rates; ...4.0959

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Carbamates -nonspecific; DDE; Diazinon; Home Economics; Organophosphorous Cpds.; Pesticide Residues; Physical Degradation; TDE; ...4.0963

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Labiatae; Leaf Analysis; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

EFFECT OF PESTICIDES ON ENZYMES ...Caldariomyces; Cellular Catabolism-see Degrad; DDT; Gel Chromatography; ...4.1031

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

ANALYTICAL METHODS FOR PESTICIDES AND PESTICIDE DEGRADATION PRODUCTS ...Bos; Degradation -see Pesticide Deg; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Sumithion; ...4.1103

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

ECONOMIC EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...BHC; Chemical Analysis; Pesticide Residues in Feeds; Residues in Foods; ...4.1110

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Chenopodiaceae; Dieldrin; Dimethoate; Insect Resistance; Pesticide Residues; Sorghum; Triticum; ...4.1115

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD PRODUCTS ...Aldrin; DDT; Pesticide Residues in Feeds; Residues in Foods; ...4.1118

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Bos; Copper; Iodine; Laboratory Animals; Muridae; Radiation Effects; Sus; X and Gamma Rays; ...5.0246

Phosalone

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds. -nonspecific; Phosvel; Population Dynamics -general; Torak; ...4.0347

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Chlorphenamidine; Furadan; Guthion; Liquids Or Sprays; Pesticide Evaluation; Pyrus Malus; UC 34096; ...4.0413

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Application Rates; Pesticide Legal Aspects; Pesticide Residues; Population Dynamics -general; Solvents Or Carriers; Supracide; ...4.0417

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida; Formetanate; Guthion; Imidan; Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan; Liquids Or Sprays; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Prunus Domestica; Residues in Foods; ...4.0455

BIOLOGY AND CONTROL OF ARTHROPODS ON APPLES ...Acaricides -nonspecific; Animal Life History Studies; Biological Control; Chlorphenamidine; Monitor; Pesticide Evaluation; ...4.0475

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT AND MITE PESTS OF APPLE ...Acaricides -nonspecific; Arachnida; Biological Control; Gardona; Insects - Beneficial; Torak; ...4.0896

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Torak; ...4.0897

DEVELOPMENT OF APPLE SPRAY PROGRAMS IN RELATION TO SPRAY RESIDUE RESTRICTIONS ...Degradation; Furadan; Guthion; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrus Malus; ...4.1082

Phosdrin

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae ; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida; Formetanate; Guthion; Imidan; Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Thiodan; ...4.0442

TOLERANCE OF ORGANIC PHOSPHATES IN MAN ...Ethion; Guthion; Methyl Parathion; Pesticide Toxicity in Humans; Toxicology; Trithion; ...4.0569

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

Phosphamidon

OXIDATIVE DEALKYLATION OF INSECTICIDES ...Bidrin; Chlorine; Laboratory Animals; Muridae; Pesticide Formulation; ...4.0650

OXIDATIVE DEALKYLATION OF PESTICIDES ...Bidrin; Chemical Degradation; Dieldrin; Laboratory Animals; Muridae; ...4.0958

BIOLOGICAL DEGRADATION OF AGRICULTURAL INSECTICIDES ...Azodrin; Biodegradation; Chemical Analysis; Metabolites From Pesticides; ...4.1042

Phoxim

INSECTICIDE RESIDUES FROM EXPERIMENTAL TREATMENTS TO PREVENT OR CONTROL INSECTS IN STORED PRODUCTS ...Bromine; Chlorine; Food Contamination; Malathion; Pesticide Residues; Piperonyl Butoxide; ...4.1019

Supracide

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Azodrin; Disulfoton; Granules; Capsules; Nemacur P; Pesticide Evaluation; Pesticides -other; Zinophos; ...4.0264

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; UC 34096; ...4.0274

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Azodrin; Compositae; Ericaceae; Pesticide Application Rates; Pesticide Phytotoxicity; Temperature - Air; ...4.0332

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds. -nonspecific; Phosvel; Population Dynamics - general; Torak; ...4.0347

INVESTIGATIONS OF ALFALFA INSECTS, THEIR BIOLOGY AND CONTROL ...Animal Life History Studies; Furadan; Pesticide Evaluation; Pesticide Residues in Feeds; ...4.0353

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Application Rates; Pesticide Legal Aspects; Pesticide Residues; Population Dynamics -general; Solvents Or Carriers; ...4.0417

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0429

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Dursban; Heptachlor; Melliagris; Paraquat; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

BIOLOGY AND CONTROL OF THE ALFALFA WEEVIL ...Animal Life History Studies; Ethyl Parathion; Guthion; Insects - Beneficial; Pesticide Evaluation; Sevithion; ...4.0880

THE METABOLIC FATE OF AN ORGANIC PHOSPHATE INSECTICIDE (GS-13005) WHEN FED TO DAIRY CATTLE ...Animal; Domestic Animals; Microorganism-see Cell. Catab.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0884

ORGANIC PHOSPHATE RESIDUE IN DAIRY COWS ...Animal; Domestic Animals; Muridae; Pesticide Residues, Sulfoxide; Tissue Accumulation Rates; ...4.0885

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Calification -vertebrate; DDT; Dibromoethane; Food Contamination; Malathion; Pesticide Residues; Sevin; Tissue Accumulation Rates; ...4.0989

DEVELOPMENT OF APPLE SPRAY PROGRAMS IN RELATION TO SPRAY RESIDUE RESTRICTIONS ...Degradation; Furadan; Guthion; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrus Malus; ...4.1082

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Dichlobenil; Groundwater; Pesticide Legal Aspects; Pesticide Persistance in Soils; Soil Chemical Properties; Terbacil; Water Pollutants - Path of; ...4.1091

Tartan

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. --(1 Or ; Fore ; Kelthane; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Temperature - Soil; Tobacco -cigars; ...4.0281

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

Tetradifon

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0073

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals; Furadan; Insects - Beneficial; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

THE DEGRADATION OF INSECTICIDES UNDER VERMONT CONDITIONS ...Methyl Parathion; Pesticide Drift; Pesticide Residues; Pesticide Residues in Feeds; Pesticides -other; ...4.0499

METABOLISM OF PESTICIDES BY BEEF CATTLE ...Aldrin; DDT; Feces; Pesticide Action on Animals; Pesticide Safety Measures; TDE; Urea Cpds -nonspecific; Vertebrate Anatomy; ...4.0645

Trithion

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates, Florida; Malathion; Parathion; Pesticide Degradation -see Deg. Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipteres; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; DDT; Guthion; Maneb; Methoxychlor; Residues in Foods; TDE; Toxaphene; ...4.0257

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates, C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Arthropods; Ethion; Organophosphorous Cpds.; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; ...4.0403

CONTROL OF ORCHARD MITES IN WESTERN NEW YORK ...Acarol; Arachnida; Demeton; Kelthane; Pcs 1301; Petroleum Cpds. -nonspecific; ...4.0414

BIOLOGY, ECOLOGY, CONTROL AND BEHAVIOR OF HIPPELATES EYE GNATS ...Baits, Lures; Insect Chemosterilants -ns.; Pesticide Application Rates; Pesticide Evaluation; Pesticide Persistance in Soils; Sanitation; Soil Moisture; ...4.0564

TOLERANCE OF ORGANIC PHOSPHATES IN MAN ...Ethion; Guthion; Methyl Parathion; Pesticide Toxicity in Humans; Phosdrin; Toxicology; ...4.0569

UC 34096

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates, C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; ...4.0274

INVESTIGATIONS OF ALFALFA INSECTS, THEIR BIOLOGY AND CONTROL ...Animal Life History Studies; Furadan; Pesticide Evaluation; Pesticide Residues in Feeds; Supracide; ...4.0353

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Chlorphenamadine; Furadan; Guthion; Liquids Or Sprays; Pesticide Evaluation; Phosalone; Pyrus Malus; ...4.0413

CONTROL OF ORCHARD MITES IN WESTERN NEW YORK ...Acarol; Arachnida; Demeton; Kelthane; Pcs 1301; Petroleum Cpds. -nonspecific; Trithion; ...4.0414

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; ...4.0503

Insecticide - Antihelminth

Bayer 25141

OZONE DAMAGE TO PLANTS ...Fruit, Nut, and Berry Crops; Pollutant Resistance; Solanum; Wind -see Air Motion; ...1.0337

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipteres; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; C-2307; Chrysanthemum; Diazinon; Furadan; Landrin; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Cyclodiene Cpds. -nonspecific; Disulfoton; Dyphonate; Gardona; Methomyl; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

BIONOMICS OF THE PLANT NEMATODE TRICHODORUS CHRISTIEI ...Aliphatic Carbamates; Chrysanthemum; Mocap; Ornamentals; Pesticide Evaluation; Population Dynamics -general; Zinophos; ...4.0260

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Azodrin; Disulfoton; Granules, Capsules; Nemacur P; Pesticide Evaluation; Pesticides -other; Supracide; Zinophos; ...4.0264

CHEMICAL CONTROL OF NEMATODE ROOT ROT COMPLEX OF SHADE-GROWN TOBACCO ...Aliphatic Carbamates; Furadan; Natural N-fixation -other; Nicotiana; Vorlex; ...4.0282

EVALUATION OF CHEMICAL COMPOUNDS AS NEMATOCIDES ...Mocap; Nematoda; Pesticide Phytotoxicity; Population Dynamics -general; Vegetables; ...4.0294

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Bacillus Thuringiensis; Biological Control; Convolvulaceae; Furadan; Liquids Or Sprays; Monitor; Pesticide Evaluation; Thuricide; ...4.0354

CABBAGE MAGGOT AND ITS CONTROL ...Dyphonate; Furrowing Or Hilling; Pesticide Evaluation; Zinophos; ...4.0412

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Tet.; o-cide; Vorlex; ...4.0431

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

ANALYTICAL METHODS FOR PESTICIDES, TIFTON ...Carbamates -nonspecific; Chlorinated Hydrocarbons; Fluorine; Gramineae -other; Metabolites From Pesticides; Pesticide Residues; ...4.1021

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bux-ten; Disulfoton; Guthion; Monitor; Nicotine; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...4.1036

Coumaphos

PESTICIDE RESIDUAL ACCUMULATION AND ELIMINATION BY SWINE ...Chemical Analysis; DDT; Lindane; Malathion; Pesticide Application Rates; Sus; ...4.0643

ORGANIC PHOSPHATE SYSTEMIC INSECTICIDES AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Bos; Domestic Animals; Pesticide Action on Animals; Pesticide Application Rates; Ruelene; ...4.0750

ORGANIC PHOSPHATE SYSTEMIC INSECTICIDES AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Bos; Developmental Physiology; Domestic Animals; Pesticide Action on Animals; Ruelene; ...4.0751

CO-RAL, RUELINE AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Bos; Developmental Physiology; Domestic Animals; Ruelene; ...4.0753

V-c 13

CONTROL OF NEMATODES IN NURSERIES AND ON PLANT MATERIALS ...Aliphatic Carbamates; Methomyl; Nematoda; Pesticide Evaluation; Pesticides -other; ...4.0239

Zinophos

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Equipment; Labiatae; Nematoda; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

CONTROL OF NEMATODES IN NURSERIES AND ON PLANT MATERIALS ...Aliphatic Carbamates; Methomyl; Nematoda; Pesticide Evaluation; Pesticides -other; V-c 13; ...4.0239

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

BIONOMICS OF THE PLANT NEMATODE TRICHODORUS CHRISTIEI ...Aliphatic Carbamates; Chrysanthemum; Mocap; Ornamentals; Pesticide Evaluation; Population Dynamics -general; ...4.0260

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Azodrin; Disulfoton; Granules, Capsules; Nemacur P; Pesticide Evaluation; Pesticides -other; Supracide; ...4.0264

CABBAGE MAGGOT AND ITS CONTROL ...Bayer 25141; Dyphonate; Furrowing Or Hilling; Pesticide Evaluation; ...4.0412

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Labiatae; Moraceae; Pesticide Action on Plants; Pisum; Thimet; Zea Mays - Field Corn; ...4.1102

Insecticide - Fumigant

EDC

MECHANISM OF ACTION OF HALOGENATED HYDROCARBON FUMIGANTS ON ANIMALS ...Birds; Dibromoethane; Foreign Agriculture; Israel; Muridae; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0621

Ethylene Oxide

EFFECT OF PESTICIDES ON APICULTURE ...Abate; Chlorphenamidine; Dipterex; Insects - Beneficial; Methomyl; Temperature - Air; Toxaphene; ...4.0561

Lead Arsenate

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds. -nonspecific; Phosvel; Population Dynamics -general; Torak; ...4.0367

INTEGRATED CONTROL OF INSECT AND MITE PESTS OF APPLE ORCHARDS ...Arachnida; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0441

Para-dichlorobenzene

DEVELOPMENT OF ANALYTICAL METHODOLOGY ...Chloro Phenoxy Acetic; Food Contamination; Metabolites From Pesticides; Polychlorinated Biphenyl Cpds.; Residues in Foods; Urine; ...4.0421

Phostoxin

PREVENTING INSECT DAMAGE TO TOBACCO AND TOBACCO PRODUCTS IN MARKETING CHANNELS ...Bacilli -nonspecific; Nicotiana; Pesticide Evaluation; Pesticide Toxicity in Animals; Physical Control; Temperature - Air; ...4.1127

Trichloroethylene

ENVIRONMENTAL DECONTAMINATION, ESPECIALLY FOR FEEDSTUFFS AND ASSOCIATED FOODS ...Chemical Analysis; DDT; Food Contamination; Pesticide Residues in Feeds; Residues in Foods; ...4.1002

Insecticide - Fungicide

Chloropicrin

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Methyl Bromide; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Dichloropropene; Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

Cyclic Chlorinate Organic Cpds

BIOLOGICAL EFFECTS OF ENVIRONMENTAL FACTORS IN BIRDS AND ANIMALS ...Birds ; DDT; Laboratory Animals; Quail; ...4.0557

Cyclic Organic Cpds. --(1 Or

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor ; Bioassay; Diphenamid; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules; Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

CHEMICAL CONTROL OF POST-HARVESTING FRUIT AND VEGETABLE DECAYS OCCURRING IN PACKING HOUSES ...Butylamine; Diplodia; Fruit, Nut, and Berry Crops; Liquids Or Sprays; Pesticide Application Rates; Pesticide Legal Aspects; ...4.0231

CHEMICAL CONTROL OF WEEDS IN POTATOES ...Dacthal; Diphenamid; Pesticide Action on Plants; Pesticide Phytotoxicity; Solanum; ...4.0253

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Fore; Kelthane; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

CONTROL OF POSTHARVEST CHEMICAL RESIDUES IN OR ON CITRUS FRUITS ...Pesticide Rates -general; Pesticide Residues Removal; Residues in Foods; ...4.0275

INTERACTION OF COMBINATIONS OF HERBICIDES AND OTHER PESTICIDES IN COTTON PRODUCTION ...Aliphatic Carbamates; Diuron; Malvaceae; Pesticide Evaluation; Planavin; Trifluralin; ...4.0381

PHYSIOLOGICAL MECHANISMS INVOLVED IN SELECTIVE PHYTOTOXIC ACTION OF HERBICIDES ...Chelation & Complexing; Cipc; Herbicides and Other Chem; Nucleic Acid Compounds; Pesticide Phytotoxicity; Pyriclor; ...4.0430

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl. Adsorption); Chemical Analysis; Diphenamid; Lycopersicum; Pesticide Organoleptic Prop.; Radioisotopes -nonspecific; Solanum; Vegetables; ...4.0437

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

Furadan

LIVESTOCK WASTE MANAGEMENT ...Carbamates -nonspecific; Organophosphorous Cpds.; Pesticide Residues Removal; Plant; Residues in Foods; ...3.0134

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Algae -nonspecific; Aquatic Ecology - Animal; Cichlidae; Fish; Methoxychlor; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Water Pollutants - Path of; ...4.0029

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals; Insects - Beneficial; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Chrysanthemum; Diazinon; Landrin; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Cyclodiene Cpds. -nonspecific; Disulfoton; Dyphonate; Gardona; Methomyl; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerevet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Azodrin; Disulfoton; Granules; Capsules; Nemacur P; Pesticide Evaluation; Pesticides -other; Supracide; Zinophos; ...4.0264

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

CHEMICAL CONTROL OF NEMATODE ROOT ROT COMPLEX OF SHADE-GROWN TOBACCO ...Aliphatic Carbamates; Natural N-fixation -other; Nicotiana; Vorlex; ...4.0282

INSECT PESTS OF CUCURBIT CROPS ...Dieldrin; Granules; Capsules; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Temperature - Air; ...4.0307

INVESTIGATIONS OF ALFALFA INSECTS, THEIR BIOLOGY AND CONTROL ...Animal Life History Studies; Pesticide Evaluation; Pesticide Residues in Feeds; Supracide; ...4.0353

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Bacillus Thuringiensis; Biological Control; Convolvulaceae; Liquids Or Sprays; Monitor; Pesticide Evaluation; Thuricide; ...4.0354

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Azodrin; Dusts; Gc 6506; Granules; Capsules; Hercules 13462; Methomyl; Pesticide Phytotoxicity; Plant Population Dynamics -gen; ...4.0383

CABBAGE MAGGOT AND ITS CONTROL ...Bayer 25141; Dyphonate; Furrowing Or Hilling; Pesticide Evaluation; Zinophos; ...4.0412

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Chlorphenamidine; Guthion; Liquids Or Sprays; Pesticide Evaluation; Phosalone; Pyrus Malus; UC 34096; ...4.0413

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Economic Losses (or Benefits); Malathion; Oleaceae; Pesticide Phytotoxicity; Population Dynamics -general; Thimet; ...4.0433

BIONOMICS OF THE CEREAL LEAF BEETLE ...Aliphatic Carbamates; Insect Resistance; Pesticide Evaluation; Thimet; Triticum; ...4.0434

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida; Formetanate; Guthion; Imidan; Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS ...Aliphatic Carbamates; Bacillus Thuringiensis; Chlorphenamidine; Methomyl; Pesticide Application Equip.; Pesticide Residues; Thuricide; ...4.0444

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Liquids Or Sprays; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone; Prunus Domestica; Residues in Foods; ...4.0455

IDENTIFICATION BIOLOGY AND CONTROL OF INSECTS ATTACKING SWEET CORN ...Animal Life History Studies; Biological Control; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Zea Mays - Field Corn; ...4.0585

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Baytex; Dursban; Imidan; Mca-600; Pesticide Evaluation; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.0602

CONTROL OF INSECT PESTS OF VEGETABLES BY INSECTICIDES AND PLANT RESISTANCE ...Animal Resistance; Chlordan; Insect Resistance; Pesticide Evaluation; Solanum; Thimet; ...4.0684

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Guthion; Medicago; Nemacur P; Pesticide Application Rates; Pesticide Residues; Phosvel; Sevin; ...4.0759

FURADAN INSECTICIDE RESIDUE STUDY WITH DAIRY CATTLE AND CHICKENS ...Pesticide in Food Chains; Pesticide Residues in Feeds; Residues in Foods; Tissue Accumulation Rates; ...4.0806

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ...Bos; Domestic Animals; Food Contamination; Lindane; Pesticide Residues; Residues in Foods; ...4.0849

CHEMICAL RESIDUES IN MILK ...Bos; Domestic Animals; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.0850

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Animal Resistance; Bos; Herbicides and Other Chem; Mammals -nonspecific; Pesticide Action on Plants; Pesticide Residues; Sevin; ...4.0860

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Biodegradation; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Action on Plants; Radioisotopes -nonspecific; Toxicology; ...4.0861

BIOLOGICAL CONTROL AGENTS TO REPLACE OR SUPPLEMENT PESTICIDES TO CONTROL PHYTOPHAGOUS ARTHROPODS ...Biological Control; Imidan; Insects - Beneficial; Pest Control Measures; Pesticide Evaluation; ...4.0878

BIOLOGY AND CONTROL OF THE ALFALFA WEEVIL ...Animal Life History Studies; Ethyl Parathion; Guthion; Insects - Beneficial; Pesticide Evaluation; Sevithion; ...4.0880

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Dmulfoton; Endrin; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Animal; Muridae; Pesticide Residues Removal; Plant; Residues in Foods; ...4.0932

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; Gallus Domesticus; Medicago; Pesticide Formulation; Pesticide Residues; Tissue Accumulation Rates; ...4.0959

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichloben4 Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides -other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Cucurbita; Liquids Or Sprays; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Plant Growth Regulators -ns; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Labiatae; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Animal Life History Studies; Pesticide Evaluation; Population Dynamics - general; Sevin; ...4.1030

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bux-ten; Disulfoton; Guthion; Monitor; Nicotine; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...4.1036

PESTICIDAL RESIDUES OF AGRICULTURAL CHEMICALS ...Guthion; Metabolites From Pesticides; Methyl Parathion; Pesticide Application Rates; Pesticide Residues in Feeds; Pheasant; ...4.1072

DEVELOPMENT OF APPLE SPRAY PROGRAMS IN RELATION TO SPRAY RESIDUE RESTRICTIONS ...Degradation; Guthion; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds -nonspecific; Pyrus Malus; ...4.1082

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

METHODS OF ANALYSIS FOR PESTICIDES, YAKIMA ...Aliphatic Carbamates; Chemical Analysis; Gas Chromatography; Metabolites From Pesticides; Pesticide Persistance in Soils; Sevin; ...4.1130

Hetero Cyclic Cpds. (1 Or 2

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Lycopersicum; Mcph; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

Mercurous Chloride

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON HIV RAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Cricetus; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Mercury; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0791

ORGANIC MERCURY POISONING IN SWINE ...Animal Pharmacology; Domestic Animals; Mercury; Pesticide Action on Animals; Sus; ...4.0900

Oxthioquinox

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. --(1 Or ; Fore ; Kelthane; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

PESTICIDE RESIDUE CLEARANCE PROGRAM ...Araceae; Cantan; Chemical Analysis; Liquids Or Sprays; Pentachlorophenol; Pesticide Residues; Residues in Foods; ...4.0297

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds -nonspecific; Phosvel; Population Dynamics -general; Torak; ...4.0347

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates; Arachnida; Biological Control; Chlorinated Hydrocarbons; Dimethoate; Meta - Systox; Pesticide Evaluation; Sevin; ...4.0809

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS IN THE MID-COLUMBIA AREA ...Animal Life History Studies; Arachnida; Biological Control; Imidan; Omite; Pesticide Evaluation; ...4.0829

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biological Control; Chlorphenamidine; Gardona; Insects - Beneficial; Liquids Or Sprays; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

Sulfur

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT, Northeast U. S.; Pesticide Residues; Preventative Measures; Sediments; Water Pollutant Identification; Water Quality Control - general; Water Wells; ...4.0037

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Vegetables; ...4.0252

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Vitaceae; ...4.0409

SELECTIVE TOXICITY - AN APPROACH TO ENVIRONMENTAL HEALTH ...Air Pollution-chemistry; Animal; Environmental Effects - Human, Mammals -nonspecific; ...4.0764

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...Bidrin; DDT; Economics of Chemical Control; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; Strobane; Toxaphene; ...4.0865

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2, Lycopersicum, Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

TBZ

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

CHEMICAL CONTROL OF POST-HARVESTING FRUIT AND VEGETABLE DECAYS OCCURRING IN PACKING HOUSES ...Butylamine; Diplodia; Fruit, Nut, and Berry Crops; Liquids Or Sprays; Pesticide Application Rates; Pesticide Legal Aspects; ...4.0231

DETECTION AND DETERMINATION OF FUNGICIDES, BACTERICIDES, AND CHEMOTHERAPEUTIC AGENTS ...Benlate; Bioassay; Butylamine; Catalysts; Degradation; Methyl Bromide; Sandy Soils -see Soil Type; ...4.0238

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Alternaria; Concentrates; Ethoxyquin; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pesticide Phytotoxicity; Pyrus Malus; Temperature - Air; ...4.0339

THE DISEASES OF TURFGRASSES AND THEIR CONTROL ...Agrostis; Cynodon; Pesticide Phytotoxicity; PMA; Thiram; ...4.0449

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Methyl Bromide; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Forturf; Fusarium; Morven; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Benlate; Chenopodiaceae; Ethrel; Penicillium; Pesticide Residues Removal; Respiration; ...4.1047

Terr-o-cide

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Vorlex; ...4.0431

Vorlex

CHEMICAL CONTROL OF SOIL FUNGI, NEMATODES, AND WEEDS AFFECTING WATERMELONS ...Citrullus; Fumigants - nonspecific; Nematoda; Pesticide Evaluation; Pesticides -other; Pythium; Soil Fungi -nonspecific; ...4.0280

CHEMICAL CONTROL OF NEMATODE ROOT ROT COMPLEX OF SHADE-GROWN TOBACCO ...Aliphatic Carbamates; Furadan; Natural N-fixation -other; Nicotiana; ...4.0282

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; ...4.0431

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

Insecticides

Abate

CHEMICAL RESEARCH ON INSECTICIDES AND THEIR FORMULATIONS ...Animal Pests; Carriers -non-liquid; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Residue Analysis; Plant; ...4.0146

EFFECT OF MOSQUITO CONTROL CHEMICALS ON AQUATIC FAUNA ...Biological Effects; Irrigation; Oryzeae; Pesticide Evaluation; Pesticides -see Pesticide; ...4.0539

EFFECT OF PESTICIDES ON APICULTURE ...Chlorphenamidine; Dipterex; Insects - Beneficial; Methomyl; Temperature - Air; Toxaphene; ...4.0561

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FRESHWATER FISHES TO THREE TOXICANTS ...Bioassay; Chlordan; Ictaluridae; Salmonidae; ...4.0711

MULTIPLE EXPOSURES OF ABATE TO BLUEGILL, LEPOMIS MACROCHIRUS, AND INVERTEBRATES IN WARM-WATER PONDS ...Contamination - Water; Invertebrates -nonspecific; Pesticide Action on Animals; Temperature (water); ...4.0741

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Biological Control; C 9491; Ddvp; Dibrom, Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

Agritox

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Baygon; Chlordan; Dieldrin; Pesticide Application Rates; Pesticide Formulation; Pesticide Residues; Plant Phenology; ...4.0150

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff., Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium, Symbiotic Nitrogen Fixation; ...4.0159

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton, Endrin, Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus, Phosvel; Thimet; ...4.0911

Akton

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Bayer 25141; C-2307; Chrysanthemum; Diazinon; Furadan; Landrin; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

Aldrin

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds.; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Agricultural Runoff; Atrazine; Fertilizers; Irrigation; Leaching; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Tillage, Cropping Systems; ...2.0725

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE; Dieldrin; Fish; Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; DDT; Endrin; Eptam; Filtration; Pesticide Formulation; Pesticide Residues Removal; Ponds; Rural Areas; ...4.0034

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

DISPOSITION OF PESTICIDES IN THE SOIL ...Endrin; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain; Soil Chemical Properties; Soil Depth; Trifluralin; ...4.0099

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

DISPOSITION OF PESTICIDES IN THE SOIL ...Dieldrin; Heptachlor; Pesticide Degradation -see Deg; Petroleum Cpds. -nonspecific; ...4.0179

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aramite; Chemical Analysis; Dieldrin; Methoxychlor; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0592

DIELDRIN BUILD-UP AND DISSIPATION RATE IN FATTY TISSUES OF BEEF CATTLE FED DIFFERENT LEVELS OF ALDRIN ...DDT; Laboratory Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; ...4.0609

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...DDT; Dieldrin; Endrin; Heptachlor; Lindane; Pesticide Residues Removal; Residues in Foods; ...4.0617

EFFECT OF PESTICIDES ON ENZYME SYSTEMS ...Carbamates -nonspecific; Chlordan; Fungicides -nonspecific; Herbicides -nonspecific; Pesticide Action on Animals; ...4.0629

METABOLISM OF PESTICIDES BY BEEF CATTLE ...DDT; Feces; Pesticide Action on Animals; Pesticide Safety Measures; TDE; Urea Cpds. -nonspecific; Vertebrate Anatomy; ...4.0645

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Animal Resistance; Cladocera; DDT; Invertebrate Physiology; Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -see Pesticide; ...4.0734

A STUDY OF THE DEGRADATION RATE OF ALDRIN ...Animal; Annelida; Dieldrin; Metabolites From Pesticides; Pesticide in Food Chains; Pesticide Toxicity in Animals; Soil Microbiology; ...4.0745

DEGRADATION AND PERSISTENCE OF ALDRIN ...Animal Habitat Studies; Dieldrin; Pesticide in Food Chains; Pesticide Residues; ...4.0746

PESTICIDES AND PESTICIDAL SYNERGISTS STUDIES IN PREGNANT HAMSTERS ...Cricetus; Dieldrin; Endrin; Experimental Teratology; Laboratory Animals; Piperonyl Butoxide; Toxicology; ...4.0795

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Dieldrin; Ictaluridae; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...4.0807

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

RELATIONSHIP OF INSECTICIDES TO PHEASANTS IN SOUTH DAKOTA ...Birds; Dieldrin; Pathology; Pesticide Formulation; Tissue Accumulation Rates; ...4.0847

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...DDE; Dieldrin; Heptachlor; Lindane; Methoxychlor; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0973

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...DDE; Dieldrin; Heptachlor; Methoxychlor; Pesticide Residues; Residues in Foods; Toxaphene; ...4.0976

PESTICIDE MONITORING PROGRAM ...BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Chemical Analysis; Disulfoton; Labiatae; Moraceae; Pesticide Action on Plants; Pisum; Thimet; Zea Mays - Field Corn; ...4.1102

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD PRODUCTS ...DDT; Parathion; Pesticide Residues in Feeds; Residues in Foods; ...4.1118

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Dieldrin; Gallus Domesticus; Home Economics; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.1126

Allethrin

FATE OF INSECTICIDE CHEMICALS IN RELATION TO NON-PERSISTENCE AND SPECIES SPECIFICITY ...Bux-ten; Metabolites From Pesticides; Pesticide Residue Analysis; Pyrethrum; ...4.0926

Azodrin

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Biological Control; Chlorobenzilate; Chlorphenamidine; Economic Losses (or Benefits); Medicago; Pesticide Application Rates; Pesticide Evaluation; Toxaphene; ...4.0010

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Chrysanthemum; Diazinon; Furadan; Landrin; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

BIOLOGY AND CONTROL OF INSECT AND OTHER PESTS OF CUT FLOWERS ...Acaricides -nonspecific; Chrysanthemum; Fungicides -nonspecific; Methomyl; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; ...4.0258

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Disulfoton; Granules, Capsules; Nemacur P; Pesticide Evaluation; Pesticides -other; Supracide; Zinophos; ...4.0264

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil, Tobacco -cigars; ...4.0281

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Compositae; Ericaceae; Pesticide Application Rates; Pesticide Phytotoxicity; Supracide; Temperature - Air; ...4.0332

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Dusts; Gc 6506; Granules, Capsules; Hercules 13462; Methomyl; Pesticide Phytotoxicity; Plant Population Dynamics -gen; ...4.0383

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Application Rates; Pesticide Legal Aspects; Pesticide Residues; Population Dynamics -general; Solvents Or Carriers; Supracide; ...4.0417

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Carbamates -nonspecific; DDT; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0429

BIOLOGY AND CONTROL OF ARTHROPODS ON SOYBEANS ...Aliphatic Carbamates; Arachnida; Biological Control; Insect Resistance; Methomyl; Pesticide Evaluation; Population Dynamics -general; ...4.0543

SYSTEMIC INSECTICIDE RESEARCH ON MISCELLANEOUS INSECTS AND SPIDER MITES OF COTTON ...Animal Resistance; Fertilizers; Granules, Capsules; Pesticide Action on Plants; Pesticide Formulation; ...4.0864

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Biological Control; Bux-ten; Disulfoton; Guthion; Monitor; Nicotine; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...4.1036

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPECIES IN COTTON AND OTHER HOST PLANTS ...Aliphatic Carbamates; Animal Resistance; DDT; Insect Resistance; Methyl Parathion; Pesticides -other; Sevin; ...4.1037

BIOLOGICAL DEGRADATION OF AGRICULTURAL INSECTICIDES ...Biodegradation; Chemical Analysis; Metabolites From Pesticides; Phosphamidon; ...4.1042

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Labiatae; Moraceae; Pesticide Action on Plants; Pisum; Thimet; Zea Mays - Field Corn; ...4.1102

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING STONE FRUITS ...Arachnida; Baygon; Liquids Or Sprays; Pesticide Evaluation; Petroleum Cpds. -nonspecific; Rosaceae; Yeasts -nonspecific; ...4.1128

Bayer 44646

METABOLISM OF CARBAMATE PESTICIDES ...Carbon; Laboratory Animals; Muridae; Pesticide Toxicity in Humans; Zectran; ...4.0560

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Animal Resistance; Bos; Herbicides and Other Chem; Mammals -nonspecific; Pesticide Action on Plants; Pesticide Residues; Sevin; ...4.0860

Baygon

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Agritox; Chlordan; Dieldrin; Pesticide Application Rates; Pesticide Formulation; Pesticide Residues; Plant Phenology; ...4.0150

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

INVESTIGATIONS OF ALFALFA INSECTS, THEIR BIOLOGY AND CONTROL ...Animal Life History Studies; Furadan; Pesticide Evaluation; Pesticide Residues in Feeds; Supracide; ...4.0353

BIONOMICS OF THE CEREAL LEAF BEETLE ...Aliphatic Carbamates; Furadan, Insect Resistance; Pesticide Evaluation; Thimet; Triticum; ...4.0434

USE OF LABELLED PESTICIDES FOR STUDYING TERMINAL PESTICIDES RESIDUES IN CERTAIN TROPICAL PRODUCTS ...British Isles; Foreign Agriculture; Metabolites From Pesticides; Methyl Bromide; Radioisotopes -nonspecific; Residues in Foods; ...4.0493

BIOLOGY AND CONTROL OF THE ALFALFA WEEVIL ...Animal Life History Studies; Ethyl Parathion; Guthion; Insects - Beneficial; Pesticide Evaluation; Sevithion; ...4.0880

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING STONE FRUITS ...Arachnida; Liquids Or Sprays; Pesticide Evaluation; Petroleum Cpds. -nonspecific; Rosaceae; Yeasts -nonspecific; ...4.1128

BHC

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; DDE; Dieldrin; Fish; Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

SORGHUM AND CORN PHOTOTOXICITY PROBLEM AT WICHITA KANSAS ...Herbicides and Other Chem; Pesticide Phytotoxicity; Sorghum; Zea Mays - Field Corn; ...4.0325

THE EFFECTS OF DDT AND OTHER PESTICIDES ON SEBAGO LAKE SALMON ...DDE; Dieldrin; Pesticide Action on Animals; TDE; ...4.0631

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...Cricetus; Dieldrin; Dursban; Heptachlor; Melliagris; Paraquat; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; Chloropropylate; DDT; Ethion; Kelthane; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

PESTICIDE MONITORING PROGRAM ...Aldrin; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

ECONOMIC EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Chemical Analysis; Parathion; Pesticide Residues in Feeds; Residues in Foods; ...4.1110

Bidrin

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Biological Control; Chlorobenzilate; Chlorphenamidine; Economic Losses (or Benefits); Medicago; Pesticide Application Rates; Pesticide Evaluation; Toxaphene; ...4.0010

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

WILDLIFE VS. BIDRIN AND DIMETHOATE USE IN SEED ORCHARDS ...Animal Distribution; Birds; Dimethoate; Mammals; Pesticide Legal Aspects; Population Dynamics -general; ...4.0575

OXIDATIVE DEALKYLATION OF INSECTICIDES ...Chlorine; Laboratory Animals; Muridae; Pesticide Formulation; ...4.0650

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...DDT; Economics of Chemical Control; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; Strobane; Toxaphene; ...4.0865

OXIDATIVE DEALKYLATION OF PESTICIDES ...Chemical Degradation; Dieldrin; Laboratory Animals; Muridae; Phosphamidon; ...4.0958

BIOLOGICAL DEGRADATION OF AGRICULTURAL INSECTICIDES ...Azodrin; Biodegradation; Chemical Analysis; Metabolites From Pesticides; Phosphamidon; ...4.1042

Bux-ten

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Cyclodiene Cpds. -nonspecific; Disulfoton; Dyphonate; Gardona; Methomyl; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

FATE OF INSECTICIDE CHEMICALS IN RELATION TO NONPERSISTENCE AND SPECIES SPECIFICITY ...Allethrin; Metabolites From Pesticides; Pesticide Residue Analysis; Pyrethrum; ...4.0926

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ... zodrin; Biological Control; Disulfoton; Guthion; Monitor; Nicotine; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...4.1036

C 9491

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Chrysanthemum; Diazinon; Furadan; Landrin; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...**4.0235**

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...**4.0274**

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; Guthion; Pesticide Application Rates; Pesticide Legal Aspects; Pesticide Residues; Population Dynamics - general; Solvents Or Carriers; Supracide; ...**4.0417**

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...**4.0895**

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...**4.0897**

CORN EARWORM CONTROL ...Bay 93820; Chlorphenamidine; Methomyl; Pesticide Phytotoxicity; Sevin; Zea Mays - Field Corn; ...**4.0898**

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Chemical Analysis; Feces; Metabolites From Pesticides; Pesticide Rates -general; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...**4.1020**

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bux-ten; Disulfoton; Guthion; Monitor; Nicotine; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...**4.1036**

C-2307

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; Chrysanthemum; Diazinon; Furadan; Landrin; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...**4.0235**

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF NUT CROPS ...Animal Life History Studies; Arachnida; Guthion; Pesticide Evaluation; Plictran; ...**4.0456**

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates; Arachnida; Biological Control; Chlorinated Hydrocarbons; Dimethoate; Meta - Systox; Pesticide Evaluation; Sevin; ...**4.0809**

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...**4.0895**

BIOLOGICAL DEGRADATION OF AGRICULTURAL INSECTICIDES ...Azodrin; Biodegradation; Chemical Analysis; Metabolites From Pesticides; Phosphamidon; ...**4.1042**

Cab-o-sil

PESTICIDE APPLICATION EQUIPMENT IN RELATION TO DRIFT OF PESTICIDE AND PEST CONTROL ...Dyes -nonspecific; Medicago; Methoxychlor; Nozzles; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; ...**4.0009**

Calcium Arsenate

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...**4.0352**

Chlordan

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...**4.0048**

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...**4.0131**

PERSISTENCE AND TOXICITY OF INSECTICIDES IN SOILS FOR CONTROL OF SOIL-INHABITING INSECTS ...DDT; Dieldrin; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil Microbiology; Zea Mays - Field Corn; ...**4.0149**

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Agritox; Baygon; Dieldrin; Pesticide Application Rates; Pesticide Formulation; Pesticide Residues; Plant Phenology; ...**4.0150**

METABOLITES OF ENDRIN IN SOILS & CROPS ...Chemical Analysis; Dieldrin; Endrin; Heptachlor; Metabolites From Pesticides; Pesticide Degradation -see Deg; Plant; ...**4.0180**

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Arthropods; Ethion; Organophosphorous Cpds.; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Trithion; ...**4.0403**

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...**4.0451**

EFFECT OF PESTICIDES ON ENZYME SYSTEMS ...Aldrin; Carbamates -nonspecific; Fungicides -nonspecific; Herbicides -nonspecific; Pesticide Action on Animals; ...**4.0629**

MODE OF ACTION OF INSECTICIDES AS RELATED TO INSECT METABOLISM AND BEHAVIOR ...Animal Resistance; DDT; Fish; Pesticide Application Rates; Pyrethrum; Salvelinus; ...**4.0682**

CONTROL OF INSECT PESTS OF VEGETABLES BY INSECTICIDES AND PLANT RESISTANCE ...Animal Resistance; Insect Resistance; Pesticide Evaluation; Solanum; Thimet; ...**4.0684**

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FRESHWATER FISHES TO THREE TOXICANTS ...Abate; Bioassay; Ictaluridae; Salmonidae; ...**4.0711**

FISH REPRODUCTION AS AFFECTED BY ORGANOCHLORINE INSECTICIDES ...Captive Rearing; Dieldrin; Laboratory Animals; Methoxychlor; Pesticide Residues; ...**4.0722**

INSECTICIDE RESIDUES IN POULTRY AND EGGS ...Biochemical Analysis - Tissues; Food Contamination; Home Economics; Melliagris; Pesticide Residues in Feeds; Residues in Foods; ...**4.0862**

EFFECT OF ENVIRONMENTAL POLLUTION ON FISH DISEASES - ORGANOCHLORINE PESTICIDES AND DISEASE RESISTANCE MECHANISMS OF RAINBOW TROUT ...Contamination - Water; DDT; Pathology; Salmo Gairdneri; Thiodan; ...**4.0901**

THE EFFECT OF PROCESSING ON THE PESTICIDE CONTENT OF DAIRY PRODUCTS ...Food Contamination; Lactobacillus Sp; Physical Models; Staphylococcus Aureus; Thiodan; ...**4.0910**

EVALUATION OF PESTICIDE RESIDUE PROBLEM IN MONTANA ...Domestic Animals; Heptachlor Epoxide; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; ...**4.0964**

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Calification -vertebrate; DDT; Dibromoethane; Food Contamination; Malathion; Pesticide Residues; Sevin; Tissue Accumulation Rates; ...**4.0989**

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...**4.1055**

Cidial

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...**4.0274**

Ciodrin

EFFECT OF PESTICIDES ON MORPHOLOGY AND STRUCTURE OF LACTIC ACID ORGANISMS ...Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Dipterex; Insecticides -nonspecific; Malathion; Pesticides -nonspecific; Streptococcus -nonspecific; ...**4.0522**

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN LIVESTOCK AND POULTRY ...Animal Resistance; Bos; Ddvp; Gallus Domesticus; Liquids Or Sprays; Pesticides - other; Ronnel; ...**4.0869**

LIVESTOCK DETOXICATING MECHANISMS OF PESTICIDES ...Birds; Domestic Animals; Gallus Domesticus; Ovis; Pesticide Residues Removal; Residues in Foods; ...**4.0870**

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...DDT; Ericaceae; Gardona; Metabolites From Pesticides; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant Growth Regulators -ns.; ...4.1076

PESTICIDE RESIDUE ANALYSIS, KERRVILLE ...Aerosols - Smokes, Fogs, Steam; Arachnida; Dursban; Lindane; Pesticide Rates -general; Ronnel; ...4.1124

METHODS OF ANALYSIS FOR PESTICIDES, KERRVILLE ...Bos; Ddvp; Domestic Animals; Gallus Domesticus; Gardona; Pesticide Residue Analysis; Sus; ...4.1125

DDE

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; Dieldrin; Fish; Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Aerosols - Smokes, Fogs, Steam; Climates -general; Endrin; Monitoring Systems; Pesticide Phytotoxicity; Radioisotopes -nonspecific; ...4.0033

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Biological Effects; Cellular Catabolism-see Degrad; DDT; Dieldrin; Lake Michigan; Microorganism-see Cell. Catab.; Pesticide Residue Analysis; Pesticide Residues Removal; ...4.0075

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides - see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

CHEMISTRY OF PESTICIDES IN SOILS ...Arsenic; Chemical Analysis; Cucumis Sativus; DDT; Pesticide Residue Analysis; Plant Resistance; Zea Mays - Field Corn; ...4.0119

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; DDT; Guthion; Maneb; Methoxychlor; Residues in Foods; TDE; Toxaphene; ...4.0257

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant; Solanum; ...4.0435

PESTICIDES RESEARCH ...Alaska; Chemical Analysis; DDT; Fish; Invertebrates -nonspecific; Pesticides -see Pesticide; Water Pollution Effects; ...4.0534

PESTICIDE DEPOSITION IN POULTRY ...Chemical Analysis; DDT; Food Contamination; Laboratory Animals; Pesticide in Food Chains; Pesticide Residues in Feeds; Residues in Foods; ...4.0538

PREVENTION AND DISSIPATION OF PESTICIDE RESIDUES IN THE PRODUCTION OF MARKETABLE MILK AND MEAT PRODUCTS ...Bos; Liquids Or Sprays; Pesticide Residues Removal; TDE; ...4.0610

ACCELERATED REMOVAL OF INSECTICIDE RESIDUES ...Animal Pharmacology; Chemical Analysis; DDT; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0618

THE EFFECTS OF DDT AND OTHER PESTICIDES ON SEBAGO LAKE SALMON ...BHC; Dieldrin; Pesticide Action on Animals; TDE; ...4.0631

EFFECTS OF DDT AND ANALOGUES ON REPRODUCTION IN DOMESTIC MAMMALS AND BIRDS ...Birds; DDT; Gallus Domesticus; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; TDE; ...4.0636

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

FUR ANIMAL STUDIES (MINK) ...Chemical Analysis; DDT; Domestic Animals; Muridae; Mustelidae; Pesticide Formulation; Pesticide Residues Removal; TDE; ...4.0664

EFFECT OF PROCESSING PROCEDURE ON MILK PESTICIDE RESIDUES WITH EMPHASIS ON RESIDUE REMOVAL ...Brevibacterium Sp, Cellular Catabolism-see Degrad; DDT; Geotrichum; Microorganism-see Cell. Catab.; Pesticide Residues Removal; Residues in Foods; ...4.0769

EFFECTS OF DDT AND DIELDRIN ON REPRODUCTIVE PERFORMANCE AND GROWTH OF MINK ...DDT; Laboratory Animals; Lake Michigan; Metabolites From Pesticides; Muridae; Mustelidae; Pesticide Action on Animals; ...4.0775

RELATIONSHIPS OF PESTICIDE APPLICATION TO PESTICIDE RESIDUES IN WILDLIFE ...Behavior -vertebrate; Experimental Teratology; Pesticid- Action on Animals; Pheasant; Tissue Accumulation Rates; ...4.0827

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

PHYSIOLOGICAL AND BEHAVIORAL EFFECTS OF INSECTICIDES ON CORMORANTS ...Animal Behavioral Ecology; Fish; Pesticide Action on Animals; TDE; ...4.0844

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; DDT; Ethion; Kelthane; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Carbamates -nonspecific; Diazinon; Home Economics; Organophosphorous Cpds.; Pesticide Residues; Physical Degradation; TDE; ...4.0963

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides -other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin, Dieldrin; Heptachlor; Lindane; Methoxychlor; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0973

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; Dieldrin, Heptachlor; Methoxychlor, Pesticide Residues; Residues in Foods; Toxaphene; ...4.0976

ENVIRONMENTAL DECONTAMINATION, ESPECIALLY FOR FEEDSTUFFS AND ASSOCIATED FOODS ...Chemical Analysis; DDT; Food Contamination; Pesticide Residues in Feeds, Residues in Foods, Trichloroethylene; ...4.1002

QUALITY FACTORS OF LAKE MICHIGAN COHO SALMON FLESH ...Dieldrin; Oncorhynchus; Pesticides -see Pesticide; Spawning -see Fish & Shellfish; ...4.1046

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Bos; DDT; Domestic Animals; Pesticide Residues; TDE; ...4.1048

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Biodegradation; Home Economics; Pesticide Residue Analysis; Pesticide Residues Removal; Residues in Foods; ...4.1049

RESIDUE OF PESTICIDES - NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND ENVIRONMENT ...DDT; Laboratory Animals; Metabolites From Pesticides; Methoxychlor; Pesticide Action on Animals; Pesticide Residues; Sevin; ...4.1070

DDT

ENVIRONMENTAL BIOLOGY - BIOGEOCHEMICAL CYCLING IN ECOLOGICAL SYSTEMS ...Aquatic Ecology - Animal; Estuaries; Eutrophication; Lysimeters; Pesticide Aquatic Cycling; Water Pollutants - Path of; ...2.0277

DDT IN SNOW FALLEN AT HIGH ALTITUDE SINCE 1950 ...Air Pollution; Canada; Chemical Analysis; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Snow; Water Pollutants - Path of; ...2.0405

INTERCEPTION AND DEGRADATION OF PESTICIDES BY AQUATIC ALGAE ...Algae - Cyanophyta; Cellular Catabolism-see Degrad; Dieldrin; Metabolism of Algacides; Microorganism-see Cell. Catab.; Pesticides -see Pesticide; Radioisotopes -nonspecific; ...2.0779

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE; Dieldrin; Fish; Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

BIODETERIORATION OF NAVY INSECTICIDES IN THE OCEAN ...Cellular Catabolism-see Degrad; Insecticides -nonspecific; Microorganism-see Cell. Catab.; Microorganisms -nonspecific; ...2.0971

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Carbon; Chemical Analysis (water); Paraquat; Pesticide Residues; Planavin; Soil Chemical Properties; Water Pollutant Identification; ...4.0016

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; Endrin; Eptam; Filtration; Pesticide Formulation; Pesticide Residues Removal; Ponds, Rural Areas; ...4.0034

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; Northeast U. S.; Pesticide Residues; Preventative Measures; Sediments; Water Pollutant Identification; Water Quality Control -general; Water Wells; ...4.0037

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Cotoran; Environment Accumulation Rates; Gossypium; Liquids Or Sprays; Pesticide Movement in Soils; Pesticides -see Pesticide; Rain; Trifluralin; ...4.0061

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Biological Effects; Cellular Catabolism-see Degrad; Dieldrin; Lake Michigan; Microorganism-see Cell. Catab.; Pesticide Residue Analysis; Pesticide Residues Removal; ...4.0075

RESIDUES OF SELECTFD PESTICIDES - NATURE, DISTRIBUTION, PERSISTENCE IN PLANTS, ANIMALS & PHYSICAL ENVIRONMENTS ...Arid and Desert Regions; Environment Accumulation Rates; Monitoring Systems; Pesticide Application Rates; Plant; TDE; ...4.0083

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Arocior; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticides -see Pesticide; Radioisotopes -nonspecific; Soil Chemical Properties; Soil Organic Content; ...4.0087

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0088

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

CHEMISTRY OF PESTICIDES IN SOILS ...Arsenic; Chemical Analysis; Cucumis Sativus; Pesticide Residue Analysis, Plant Resistance; Zea Mays - Field Corn; ...4.0119

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; Drainage; Ericaceae; Gas Chromatography; Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

CHEMICAL AND PHYSICAL PROPERTIES OF ORGANIC MATTER OF MICHIGAN SOILS ...Environment Accumulation Rates; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Soil Organic Content; Soil Tillage; Soil Types -also See Specifics; ...4.0128

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Bioassay; Environment Accumulation Rates; Leaching; Lindane; Pesticide Movement in Soils; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0129

REDUCTION OR ELIMINATION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Endrin; Glycine; Pesticide Residues in Feeds; Pesticide Residues Removal; Residues in Foods; Toxaphene; ...4.0132

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

FATE OF PESTICIDES IN CLAY AND SOIL SYSTEMS ...Clay Soils; Diphenamid; Linuron; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0147

PERSISTENCE AND TOXICITY OF INSECTICIDES IN SOILS FOR CONTROL OF SOIL-INHABITING INSECTS ...Chlordan; Dieldrin; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil Microbiology; Zea Mays - Field Corn; ...4.0149

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

THE BEHAVIOR AND FATE OF DDT AND ZECTRAN IN A FOREST SOIL ...Environment Accumulation Rates; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pseudotsuga; Soil Microbiology; Zectran; ...4.0197

MICROBIAL DEGRADATION OF PESTICIDES ...Bacilli -nonspecific; Cyclodiene Cpds. -nonspecific; Dieldrin; Microorganism-see Cell. Catab.; Pesticide Persistance in Soils; Pseudomonas; ...4.0198

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; Guthion; Maneb; Methoxychlor; Residues in Foods; TDE; Toxaphene; ...4.0257

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Apium Species; Parathion; Pesticide Residues; Pesticide Residues Removal; Temperature - Air; Vegetables; ...4.0266

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin;

Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

AN INVESTIGATION OF THE EFFECTS OF DDT AND OTHER CHLORINATED HYDROCARBONS ON THE GROWTH OF EURYHALINE MICROALGAE ...Algae -nonspecific; Chlorinated Hydrocarbons; Metabolism of Algacides; Pesticide Formulation; Physiological Effects; ...4.0337

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species, Chenopodiaceae; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin, Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

SEASONAL OCCURRENCE AND CONTROL OF THE CORN EARWORM IN THE VALLEY ...Animal Life History Studies; Economics of Chemical Control; Helminthosporium; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics - general; Vegetables; ...4.0406

THE DEGRADATION OF DDT, TDE, AND DIELDRIN IN THE CIGARETTE MAIN-STREAM AND SIDE-STREAM SMOKES ...Chemical Degradation; Dieldrin; Pesticide Toxicity in Humans; TDE; Tobacco -cigarettes; Toxicology; ...4.0422

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Endrin; Methoxychlor; Pesticide Residues Removal, Sus; ...4.0423

CONTROL OF ARTHROPOD PESTS OF COTTON ...Animal Resistance; Costs -see Economics Entries, Gossypium; Pesticide Action on Plants; Pesticide Persistance in Soils; Pesticides Compatibility; Toxaphene; ...4.0425

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - ronspecific; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0429

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; Economic Losses (or Benefits); Furadan; Malathion; Oleaceae; Pesticide Phytotoxicity; Population Dynamics -general; Thimet; ...4.0433

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant; Solanum; ...4.0435

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Absorption (incl. Adsorption); Captan; Chlorophyll; Dieldrin; Metabolites From Pesticides; Photosynthesis, Respiration, Translocation; ...4.0443

PESTICIDE-WILDLIFE RELATIONSHIPS ...Birds; Insecticides - nonspecific; Mammals; Odocoileus; Pesticide Residues; Quail; Rabbits; ...4.0530

PESTICIDES IN MAMMALIAN CELL SYSTEMS ...Cellular Biosynthesis; Dieldrin; Kinetics; Laboratory Animals; Mammals - nonspecific; Pesticide Action on Animals; ...4.0533

PESTICIDES RESEARCH ...Alaska; Chemical Analysis; Fish; Invertebrates -nonspecific; Pesticides -see Pesticide; Water Pollution Effects; ...4.0534

ARIZONA COMMUNITY STUDIES PESTICIDE PROJECT ...Consumer Attitudes- Pesticides; Literature Search; Pesticide Action on Animals; Pesticide Toxicity in Humans; Preventative Measures; ...4.0536

CHLORINATED HYDROCARBON IN THE LACTATING BOVINE AND EFFECT ON LIPID METABOLISM ...Bos; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0537

PESTICIDE DEPOSITION IN POULTRY ...Chemical Analysis, Food Contamination; Laboratory Animals; Pesticide in Food Chains; Pesticide Residues in Feeds; Residues in Foods; ...4.0538

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Biological Control; Birds; Forest Environment - general; Passeriformes; Pesticide in Food Chains; Physical Control; ...4.0549

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Birds; Laboratory Animals; Pesticide Application Rates; Pesticide Formulation; Ponds; ...4.0550

CHLORINATED HYDROCARBONS - PATTERNS AND EFFECTS UPON THE REPRODUCTIVE CAPACITY OF ANTARCTIC PELAGIC SEA BIRDS ...Antarctica; Birds; France; Polar Regions; Polychlorinated Biphenyl Cpds.; Procellariiformes; ...4.0551

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; Difolatan; Laboratory Animals; Methoxychlor; Muridae; Pesticide Persistance in Soils; Phaltan; ...4.0556

BIOLOGICAL EFFECTS OF ENVIRONMENTAL FACTORS IN BIRDS AND ANIMALS ...Birds; Cyclic Chlorinate Organic Cpds; Laboratory Animals; Quail; ...4.0557

PHYSIOLOGICAL CONSEQUENCES OF LONG-TERM EXPOSURE TO LOW LEVELS OF TOXICANTS ...Dieldrin; Environmental Effects - Human; Laboratory Animals; Muridae; Pesticide Formulation; Stressors, Physiological; Toxicology; ...4.0559

EFFECT OF PESTICIDES ON APICULTURE ...Abate; Chlorphenamidine; Dipterex; Insects - Beneficial; Methomyl; Temperature - Air; Toxaphene; ...4.0561

BIOLOGY AND CONTROL OF ORANGEWORMS ATTACKING CITRUS, WITH REFERENCE TO ORANGE TORTRIX ...Biological Control; Insects - Beneficial; Pesticide Application Rates; Pesticide Residues; TDE; ...4.0562

EFFECT JU PHENOBARBITAL SUR LE METABOLISME DU DDT CHEZ LE RAT ...Developmental Physiology; Laboratory Animals; Muridae; Pesticide Action on Animals; Toxicology; ...4.0571

LIPOLYSIS OF MILK AND OTHER ANIMAL FATS AS INFLUENCED BY PESTICIDE RESIDUES ...Food Contamination; Parathion; Pesticide Formulation; Pesticide Rates -general; Sevin; ...4.0582

FUNDAMENTAL APPROACHES TO DRUG TOXICITY ...Laboratory Animals; Muridae; Pesticide Action on Animals; Rabbits; TDE; ...4.0584

PHYSIOLOGY OF ESTUARINE ORGANISMS ...Carbon; Estuaries; Hippolyte; Invertebrate Physiology; Marine Animals; Pesticides -see Pesticide; ...4.0591

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aldrin; Aramite; Chemical Analysis; Dieldrin; Methoxychlor; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0592

DDT AND OTHER CHLORINATED HYDROCARBONS AND EGG SHELL QUALITY ...Birds; Chlorinated Hydrocarbons; Gallus Domesticus; Melliagris; Pesticide Action on Animals; Pesticide Residues in Feeds; Quail; ...4.0597

RELATIONSHIPS BETWEEN SUB-LETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ...Behavior - vertebrate; Cyprinodontidae; DDT -see Pesticides; Fish; Laboratory Animals; Pesticide Evaluation; Pesticides -nonspecific; Psychology; ...4.0598

DDT IN EGGS AND POULTRY MEAT ...Feces; Food Contamination; Gallus Domesticus; Pesticide Action on Animals; Pesticide in Food Chains; Residues in Foods; ...4.0599

THE D AND THE L ISOMERS OF O,P'-DDT ...DDT -see Pesticides; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Toxicology; ...4.0600

DIELDRIN BUILD-UP AND DISSIPATION RATE IN FATTY TISSUES OF BEEF CATTLE FED DIFFERENT LEVELS OF ALDRIN ...Aldrin; Laboratory Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; ...4.0609

PREVENTION AND DISSIPATION OF PESTICIDE RESIDUES IN THE PRODUCTION OF MARKETABLE MILK AND MEAT PRODUCTS ...Bos; DDE; Liquids Or Sprays; Pesticide Residues Removal; TDE; ...4.0610

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...Lindane; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.0612

RESPONSE OF RATS TO DIETS CONTAINING MULTIPESTICIDE COMPONENTS ...Muridae; Parathion; Pesticide Interaction -gen., Zinc; ...4.0615

PHYSIOLOGICAL RESPONSE OF FEMALE RATS AND OFFSPRING TO MULTI-INSECTICIDES AND MINERALS ...Dinitrophenol; Muridae; Pesticide Action on Animals; Toxicology; ...4.0616

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Aldrin; Dieldrin; Endrin; Heptachlor; Lindane; Pesticide Residues Removal; Residues in Foods; ...4.0617

ACCELERATED REMOVAL OF INSECTICIDE RESIDUES ...Animal Pharmacology; Chemical Analysis; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0618

EFFECTS OF PESTICIDES ON MICROORGANISMS IMPORTANT TO THE DAIRY INDUSTRY ...Aerobic Bacteria; Escherichia Coli; Heptachlor Epoxide; Metabolites From Pesticides; Pesticide Toxicity to Microorg; Staphylococcus Aureus; ...4.0623

REMOVAL OF PESTICIDE RESIDUES IN DAIRY PRODUCTS ...Endrin; Lindane; Methoxychlor; Pesticide Residues Removal; Residues in Foods; ...4.0625

EFFECT OF PESTICIDES ON ENZYME SYSTEMS ...Aldrin; Carbamates -nonspecific; Chlordan; Fungicides -nonspecific; Herbicides -nonspecific; Pesticide Action on Animals; ...4.0629

EFFECTS OF DDT ...Chemical Analysis; Dieldrin; Endrin; Pesticide Action on Animals; TDE; ...4.0630

THE EFFECTS OF DDT AND OTHER PESTICIDES ON SEBAGO LAKE SALMON ...BHC; DDE; Dieldrin; Pesticide Action on Animals; TDE; ...4.0631

ECOLOGY OF ANIMALS IN DDT-CONTAMINATED ENVIRONMENTS ...Contamination -see Air & Water; Degradation; Pesticide Safety Measures; Population Dynamics -general; Wildlife - nonspecific; Wildlife Toxicity; ...4.0632

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0633

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...Bioassays; Malathion; Methoxychlor; Muridae; Nutrition; Pesticide in Food Chains; Residues in Foods; ...4.0634

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...Chlorinated Hydrocarbons; Food Contamination; Laboratory Animals; Lindane; Methoxychlor; Muridae; ...4.0635

EFFECTS OF DDT AND ANALOGUES ON REPRODUCTION IN DOMESTIC MAMMALS AND BIRDS ...Birds; Gallus Domesticus; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; TDE; ...4.0636

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

PERFORMANCE OF SWINE FED PESTICIDES AND RESIDUES IN BODY TISSUE ...Heptachlor Epoxide; Malathion; Pesticide Residues in Feeds; Tissue Accumulation Rates; ...4.0642

PESTICIDE RESIDUAL ACCUMULATION AND ELIMINATION BY SWINE ...Chemical Analysis; Lindane; Malathion; Pesticide Application Rates; Sus; ...4.0643

METABOLISM OF PESTICIDES BY BEEF CATTLE ...Aldrin; Feces; Pesticide Action on Animals; Pesticide Safety Measures; TDE; Urea Cpds. -nonspecific; Vertebrate Anatomy; ...4.0645

STUDIES IN CHEMICAL METHODOLOGY FOR DETERMINATION OF PESTICIDE RESIDUES ...Chemical Analysis; Dieldrin; Laboratory Animals; Mallard; Pesticide Residue Analysis; Pesticide Residues; ...4.0652

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ...Captive Rearing; Estuaries; Heptachlor; Massachusetts; Pesticides -see Pesticide; Pleuronectidae; Spawning -see Fish & Shellfish; ...4.0654

FUR ANIMAL NUTRITION STUDIES ...Animal Pharmacology; Dieldrin; Mustelidae; Scorpaenidae; TDE; ...4.0663

FUR ANIMAL STUDIES (MINK) ...Chemical Analysis; Domestic Animals; Muridae; Mustelidae; Pesticide Formulation; Pesticide Residues Removal; TDE; ...4.0664

EFFECTS OF PESTICIDES ON NON-TARGET ORGANISMS ...Animal; Arachnida; Dieldrin; Pesticide in Food Chains; Pesticide Residue Analysis; Scophulariaceae; ...4.0667

METABOLISM OF PESTICIDES BY RUMEN MICROBIOTA AND FACTORS INFLUENCING ABSORPTION ...Bacterial Identification; Capra; Intestinal Bacteria; Microorganism-see Cell. Catab.; Pesticide Action on Plants; Petroleum -see Oil; ...4.0668

FACTORS AFFECTING PLACENTAL TRANSFER, METABOLISM AND EXCRETION OF PESTICIDES IN ANIMALS ...Animal Pharmacology; Laboratory Animals; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; Tissue Accumulation Rates; ...4.0669

MAGNITUDE AND NATURE OF POLYCHLORINATED BIPHENYLS IN COHO SALMON ...Chemical Analysis; Lake Michigan; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0674

A TISSUE ENZYME ASSAY FOR CHLORINATED HYDROCARBON INSECTICIDES ...Animal; Bioassays; Cyclodiene Cpds. - nonspecific; Lepomis Macrochirus; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0681

MODE OF ACTION OF INSECTICIDES AS RELATED TO INSECT METABOLISM AND BEHAVIOR ...Animal Resistance; Chlordan; Fish; Pesticide Application Rates; Pyrethrum; Salvelinus; ...4.0682

FACTORS INVOLVING PESTICIDES IN MILK PRODUCTS ...Avena Sativa; Chemical Analysis; Gossypium; Pesticide in Food Chains; Residues in Foods; ...4.0685

COMMUNITY STUDY ON PESTICIDES ...Air Pollution -see Specifics; Methyl Parathion; Occupational Hazards; Parathion; Pesticide Rates -general; Pesticide Toxicity in Humans; Toxicology; ...4.0686

BIOLOGY AND CONTROL OF THE HELIOTHIS COMPLEX ON COTTON ...Aliphatic Carbamates; Animal Resistance; Biological Control; Population Dynamics -general; Toxaphene; ...4.0688

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPP. IN COTTON ...Bacillus Thuringiensis; Biological Control; Insect Resistance; Population Dynamics -general; Toxaphene; ...4.0689

BIOLOGICAL AND INTEGRATED CONTROL OF COTTON INSECTS ...Animal Habitat Studies; Biological Control; Gossypium; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; ...4.0690

INVESTIGATION OF STRESS-INDUCED MOBILIZATION OF INSECTICIDE RESIDUES - CHRONIC TOXICITY OF PESTICIDES TO FISH ...Chemical Analysis; Dieldrin; Fish; Laboratory Animals; Pesticide Action on Animals; Temperature (water); ...4.0714

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Animal Productivity; Carbon; Contamination - Water; Fish; Pesticide Action on Animals; Pesticide in Food Chains; ...4.0715

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Aroclor; Dieldrin; Ictalurus Punctatus; Lepomis Macrochirus; Physiological Effects; ...4.0723

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Bioassay; Dieldrin; Pesticide Action on Animals; Pesticides -see Pesticide; Salmo Gairdneri; Water Pollution Effects; ...4.0724

DDT AND DIELDRIN METABOLISM AND STORAGE BY CHINOOK SALMON UNDER LABORATORY CONDITIONS ...Chlorinated Hydrocarbons; Dieldrin; Laboratory Animals; ...4.0729

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Aldrin; Animal Resistance; Cladocera; Invertebrate Physiology; Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -see Pesticide; ...4.0734

THE RELATIONSHIP BETWEEN THE USE OF AGRICULTURAL CHLORINATED HYDROCARBONS AND THEIR RESIDUES IN CHANNEL CATFISH ...Chemical Analysis; Fish; Land Use; Pesticides -see Pesticide; River Basins; ...4.0754

INCREASED BODY METABOLISM AND EXCRETION RATE OF PESTICIDE FROM DAIRY COWS ...Bos; Domestic Animals; Pesticide Action on Animals; Pesticide Residues; Pesticide Residues in Feeds; Residues in Foods; ...4.0762

EFFECT OF PROCESSING PROCEDURE ON MILK PESTICIDE RESIDUES WITH EMPHASIS ON RESIDUE REMOVAL ...Brevibacterium Sp; Cellular Catabolism-see Degrad; DDE; Geotrichum; Microorganism-see Cell. Catab.; Pesticide Residues Removal; Residues in Foods; ...4.0769

EFFECTS OF DDT AND DIELDRIN ON REPRODUCTIVE PERFORMANCE AND GROWTH OF MINK ...DDE; Laboratory Animals; Lake Michigan; Metabolites From Pesticides; Muridae; Mustelidae; Pesticide Action on Animals; ...4.0775

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...Iodine; Malathion; Muridae; Pesticide Rates -general; ...4.0778

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON HI VIRAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Cricetus; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Mercury; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0791

QUALITY IN PORK AS INFLUENCED BY CERTAIN PHYSICAL AND CHEMICAL CHARACTERISTICS ...Chemical Analysis; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; Sus; Tissue Accumulation Rates; ...4.0797

INFLUENCE OF NUTRITION ON INSECTICIDE RESIDUES IN CHICKENS ...Birds; Dieldrin; Gallus Domesticus; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0798

MECHANISMS OF ADAPTATION OF ORGANISMS TO PESTICIDES ...Animal; Ddvp; Genetic Resistance; Pesticide Action on Animals; Sevin; ...4.0799

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - INTFRACTIONS OF ENDRIN AND ANTICONVULSANT DRUGS IN THE CEREBRAL CORTEX OF ANESTHETIZED ANIMALS ...Ceboidea; Endrin; Felidae; Pesticide Action on Animals; Pesticide Toxicity in Humans; Strigiformes; ...4.0813

RELATIONSHIPS OF PESTICIDE APPLICATION TO PESTICIDE RESIDUES IN WILDLIFE ...Behavior -vertebrate; DDE; Experimental Teratology; Pesticide Action on Animals; Pheasant; Tissue Accumulation Rates; ...4.0827

DETERMINATION OF DDT LEVELS IN WHOLE FISH OF BROOK TROUT STRAINS FED CONTROL AND DDT TREATMENT DIETS ...Bioassay; Pesticide Action on Animals; ...4.0830

TO DETERMINE LEVELS OF DDT AND METABOLITES IN SERUM, MUSCLE AND WHOLE FISH OF STRAINS OF SALMONIDS (ABBREV) ...Bioassay; Chemical Analysis; Nutrition; Pesticide Action on Animals; Salmo Gairdneri; Salmo Trutta; ...4.0831

THE EFFECT OF DDT ON EGG, FRY AND FINGERLING VIABILITY IN BROOK TROUT STRAINS ...Captive Rearing, Chemical Analysis; Genetic Resistance; Pesticide Action on Animals; Spawning -see Fish & Shellfish; ...4.0832

THE EFFECT OF DDT ON EGG, FRY AND FINGERLING VIABILITY IN LAKE, RAINBOW, AND BROWN TROUT AND COHO SALMON STRAINS ...Captive Rearing; Chemical Analysis; Genetic Resistance; Pesticide Action on Animals; Salmo Trutta; Spawning -see Fish & Shellfish; ...4.0833

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; Dieldrin; Endrin; Fish, Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

PHYSIOLOGICAL AND BEHAVIORAL EFFECTS OF INSECTICIDES ON CORMORANTS ...Animal Behavioral Ecology; DDE; Fish; Pesticide Action on Animals; TDE; ...4.0844

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ...Bos; Domestic Animals; Food Contamination; Lindane; Pesticide Residues; Residues in Foods; ...4.0849

PRELIMINARY MONITORING OF PESTICIDES ...Dieldrin; Mercury; Partridge; Pheasant; ...4.0856

NUTRITION AND PROPAGATION OF THE ATTWATER'S PRAIRIE CHICKEN ...Aspergillus; Captive Rearing; Endangered Species; Nematoda; Pathology; Pesticide Residues Removal; Protozoa; Tissue Accumulation Rates; ...4.0857

INSECTICIDE RESIDUES IN POULTRY AND EGGS ...Biochemical Analysis - Tissues; Chlordan; Food Contamination; Home Economics; Melliagris, Pesticide Residues in Feeds; Residues in Foods; ...4.0862

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...Bidrin; Economics of Chemical Control; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; Strobane; Toxaphene; ...4.0865

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Dursban; Heptachlor; Melliagris, Paraquat; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

LIVESTOCK DETOXICATING MECHANISMS OF PESTICIDES ...Birds; Ciodrin; Domestic Animals; Gallus Domesticus; Ovis; Pesticide Residues Removal; Residues in Foods; ...4.0870

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Carbon, Domestic Animals; Muridae; Pesticide Residues; ...4.0883

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; Ethion; Kelthane; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

INHIBITORY EFFECT OF DDT IN ATPASE ASSAY MIXTURES ...DDT -see Pesticides; Fish; Pesticide Action on Animals; ...4.0891

ELIMINATE OR REDUCE EFFECTS OF PESTICIDE RESIDUES ...Captive Rearing; Fish; Fish Food Supply -other; Pesticide Action on Animals; Pesticides -see Pesticide; Salmonidae; ...4.0894

EFFECT OF ENVIRONMENTAL POLLUTION ON FISH DISEASES - ORGANOCHLORINE PESTICIDES AND DISEASE RESISTANCE MECHANISMS OF RAINBOW TROUT ...Chlordan; Contamination - Water; Pathology; Salmo Gairdneri; Thiodan; ...4.0901

SUBLETHAL AMOUNTS OF ORGANIC INSECTICIDES AND FISH ...Captive Rearing; Carbon, Chemical Analysis; Commercial Fishing; Fish Food Supply -other; Salmonidae; Washington; ...4.0902

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

INSECTICIDES AND REPRODUCTION OF COTURNIX QUAIL ...Chemical Mutagenesis; Genetic Resistance; Laboratory Animals; Malathion; Pesticide Tolerance Rate; Quail; ...4.0912

INSECTICIDES AND EGG-SHELL DEPOSITION ...Annelida; Birds; Endangered Species; Fish; Lake Michigan; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0913

ACTION MECHANISMS OF INSECTICIDAL DERIVATIVES ...Animal; Carbamates -nonspecific; Fungi -nonspecific; Muridae; Pesticide Action on Animals; Physiological Resistance; ...4.0915

EFFECT OF EXERCISE WITH HIGH CARBOHYDRATE OR HIGH FAT DIETS CONTAINING DDT ...Exercise; Laboratory Animals; Muridae; Toxicology; ...4.0918

INFLUENCE OF PESTICIDAL CHLORINATED HYDROCARBONS ON ADAPTATION MECHANISM IN POULTRY ...Chlorinated Hydrocarbons; Domestic Animals; Foreign Agriculture; Gallus Domesticus; Yugoslavia; ...4.0921

RESIDUES OF SELECTED PESTICIDES ...Arid and Desert Regions; Environment Accumulation Rates; Mammals -nonspecific; Pesticide Drift; Pesticide Residues; Pesticide Volatility; ...4.0924

PESTICIDE RESIDUES ON ARIZONA CROPS ...Air - Water - Plant Relations; Medicago; Pesticide Toxicity to Microorg; Radioisotopes -nonspecific; Toxaphene; ...4.0925

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

OXIDATIVE DEALKYLATION OF PESTICIDES ...Bidrin; Chemical Degradation; Dieldrin; Laboratory Animals; Muridae; Phosphamidon; ...4.0958

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Carbamates -nonspecific; DDE; Diazinon; Home Economics; Organophosphorous Cpds.; Pesticide Residues; Physical Degradation; TDE; ...4.0963

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides - other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Lindane; Methoxychlor; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0973

THE CYCLING OF CL-36 LABELED DDT IN NATURAL ECOSYSTEMS ...Chlorine; Contamination -see Air & Water; Pesticide Residues; Radioisotopes; Tissue Accumulation Rates; ...4.0974

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Methoxychlor; Pesticide Residues; Residues in Foods; Toxaphene; ...4.0976

INSECTICIDAL RESIDUES ...Carbon; Diazinon; Medicago; Methoxychlor; Pesticide Application Rates; Pesticide Persistance in Soils; Plant; Soil Microbiology; ...4.0985

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination - other; Urine; ...4.0987

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Calification -vertebrate; Dibromoethane; Food Contamination; Malathion; Pesticide Residues; Sevin; Tissue Accumulation Rates; ...4.0989

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Pyrus Malus; Sevin; ...4.0990

NORTHWEST TREE FRUIT INSECTS ...Acaricides -nonspecific; Arachnida; Insect Resistance; Invertebrate Physiology; Pesticide Action on Animals; Pesticide Residues; Radiation Sources - general; ...4.0993

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; Labiatae; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

ENVIRONMENTAL DECONTAMINATION, ESPECIALLY FOR FEEDSTUFFS AND ASSOCIATED FOODS ...Chemical Analysis; Food Contamination; Pesticide Residues in Feeds; Residues in Foods; Trichloroethylene; ...4.1002

INDUCED PHOTOLYSIS OF ORGANIC HALIDES PATHWAYS FOR PHOTODECOMPOSITION OF DDT ...Mechanism Determination; Photolysis; Physical Degradation; ...4.1010

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

DDT RESIDUES IN EGGS AND BODY TISSUES OF HENS ...Chemical Analysis; Food Contamination; Granules, Capsules; Pesticide Action on Animals; Pesticide in Food Chains; ...4.1016

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

EFFECT OF PESTICIDES ON ENZYMES ...Caldariomyces; Cellular Catabolism-see Degrad; Gel Chromatography; Parathion; ...4.1031

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPECIES IN COTTON AND OTHER HOST PLANTS ...Aliphatic Carbamates; Animal Resistance; Insect Resistance; Methyl Parathion; Pesticides -other; Sevin; ...4.1037

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

QUALITY FACTORS OF LAKE MICHIGAN COHO SALMON FLESH ...DDE; Dieldrin; Oncorhynchus; Pesticides -see Pesticide; Spawning -see Fish & Shellfish; ...4.1046

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Bos; Domestic Animals; Pesticide Residues, TDE; ...4.1048

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analysis; D, 2,4-; Diazinon; Gas Chromatography; Malathion; Methoxychlor; Ponds; Thin Layer Chromatography; ...4.1061

RESIDUE OF PESTICIDES - NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND ENVIRONMENT ...DDE; Laboratory Animals; Metabolites From Pesticides; Methoxychlor; Pesticide Action on Animals; Pesticide Residues; Sevin; ...4.1070

PESTICIDE RESIDUES IN ENVIRONMENT AND EFFECTS ON MARKETING AGRICULTURAL COMMODITIES ...Agricultural Economics; Consumer Attitudes- Pesticides; Demeton; Medicago; Organophosphorous Cpds.; Pesticide Residues; Pesticides -nonspecific; ...4.1071

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Ciodrin; Ericaceae; Gardona; Metabolites From Pesticides; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant Growth Regulators -ns.; ...4.1076

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURE COMMODITIES ...Fruit, Nut, and Berry Crops; Pesticide in Food Chains; Pesticides -nonspecific; Pyrus Malus; Residues in Foods; Vegetables; ...4.1081

CYCLING AND EFFECTS OF CL36 LABELED DDT ON SOIL INVERTEBRATES IN AN OLD FIELD COMMUNITY ...Chemical Analysis; Invertebrates -nonspecific; Pesticide in Food Chains; Soil Environment -other; ...4.1085

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

PESTICIDE RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Bioassay; Brassica Species; Cladocera; Fish; Leaf Analysis; Pesticide in Food Chains; Trifluralin; ...4.1111

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Heptachlor; Liquids Or Sprays; Pesticide Residue Analysis; Pesticide Residues in Feeds; Pesticide Toxicity in Animals; TDE; ...4.1114

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD PRODUCTS ...Aldrin; Parathion; Pesticide Residues in Feeds; Residues in Foods; ...4.1118

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Gosaypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

THE ANALYSIS OF NATURAL SYSTEMS ...Absorption (incl. Adsorption); Chlorine; Growth; Mathematical Models; Pesticide in Food Chains; Primary Productivity - Plants; ...5.0082

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Bos; Copper; Iodine; Laboratory Animals; Muridae; Radiation Effects; Sus; X and Gamma Rays; ...5.0246

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology; Fish; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

Ddvp

MANAGEMENT PRACTICES AFFECTING SWINE PRODUCTION ...Animal Pharmacology; Farm Animal Wastes; Injury - animal; Space Requirements; Temperature - Air; ...3.0280

PESTICIDES FLAVOR OF FOODS ...Food Contamination; Fungicides -nonspecific; Home Economics; Insecticides -nonspecific; Residues in Foods; ...4.0401

LABELLED PESTKCIDES FOR STUDIES OF RECOVERY OF PESTICIDE RESIDUES BY SOLVENT EXTRACTION OF SPIKED & AGED CEREAL SAMPLES (ABBREV) ...British Isles; Chemical Analysis; Foreign Agriculture; Malathion; Pesticide Residues in Feeds; Radioisotopes -nonspecific; ...4.0494

INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Bioassays; Minnows; Pesticide Action on Animals; Pesticide Formulation; Physiological Resistance; Poeciliid; ...4.0732

MECHANISMS OF ADAPTATION OF ORGANISMS TO PESTICIDES ...Animal; Genetic Resistance; Pesticide Action on Animals; Sevin; ...4.0799

NEW OR IMPROVED TECHNIQUES FOR SAFE CHEMICAL CONTROL OF ECTOPARASITES OF DOMESTIC ANIMALS ...Aerosols - Smokes, Fogs, Steam; Felidae; Impregnated Materials-products; Pesticide Evaluation; Pesticide Interaction -gen.; ...4.0823

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN LIVESTOCK AND POULTRY ...Animal Resistance; Bos; Gallus Domesticus; Liquids Or Sprays; Pesticides -other; Ronnel; ...4.0869

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

CONTROL OF URBAN AND INDUSTRIAL PESTS ...Animal Distribution; Pesticide Evaluation; Pesticide Safety Measures; Urban Environment; ...4.0971

INSECTICIDE RESIDUES FROM EXPERIMENTAL TREATMENTS TO PREVENT OR CONTROL INSECTS IN STORED PRODUCTS ...Bromine; Chlorine; Food Contamination; Malathion; Pesticide Residues; Piperonyl Butoxide; ...4.1019

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Animal; Chlorobenzilate; Diazinon; Herbicides and Other Chem; Pesticide Action on Animals; Plant; Translocation; ...4.1066

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

PESTICIDE RESIDUE ANALYSIS, KERRVILLE ...Aerosols - Smokes, Fogs, Steam; Arachnida; Ciodrin; Dursban; Lindane; Pesticide Rates -general; Ronnel; ...4.1124

METHODS OF ANALYSIS FOR PESTICIDES, KERRVILLE ...Bos; Ciodrin; Domestic Animals; Gallus Domesticus; Gardona; Pesticide Residue Analysis; Sus; ...4.1125

DFP

BIOCHEMICAL BASIS OF ORGANOPHOSPHATE PESTICIDE EFFECTS ON FUNCTION ...Cell Injury and Autolysis; Laboratory Animals; Organophosphorous Cpds.; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0611

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Animal; Chlorobenzilate; Ddvp; Diazinon; Herbicides and Other Chem; Pesticide Action on Animals; Plant; Translocation; ...4.1066

Diazinon

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Algae -nonspecific; Aquatic Ecology - Animal;

Cichlidae; Fish; Methoxychlor; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Water Pollutants - Path of; ...4.0029

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Agritox; Baygon; Chlordan; Dieldrin; Pesticide Application Rates; Pesticide Formulation; Pesticide Residues; Plant Phenology; ...4.0150

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Aktos; Bayer 25141; C-2307; Chrysanthemum; Furadan; Landrin; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Cyclodiene Cpds. -nonspecific; Disulfoton; Dyphonate; Gardona; Methomyl; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; DDT; Guthion; Maneb; Methoxychlor; Residues in Foods; TDE; Toxaphene; ...4.0257

PESTICIDE RESIDUE METABOLITES ...Caricaceae; Herbicides and Other Chem; Microorganisms -nonspecific; Organophosphorous Cpds.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0299

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

EFFECT OF PHOSPHORUS INSECTICIDES ON QUALITY OF ALFALFA HAY ...Demeton; Malathion; Nitrogen and Nitrogen Cpds.; Pesticide Action on Plants; Pesticide Residues; Phosphorus and Phosphorus Cpds; Temperature - Air; Tissue Accumulation Rates; ...4.0521

INTEGRATED CONTROL OF PEACH INSECT PESTS ...Animal Distribution; Arachnida; Biological Control; Guthion; Pesticide Evaluation; Population Dynamics -general; ...4.0546

MODE OF ACTION OF INSECTICIDES AS RELATED TO INSECT METABOLISM AND BEHAVIOR ...Animal Resistance; Chlordan; DDT; Fish; Pesticide Application Rates; Pyrethrum; Salvelinus; ...4.0682

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Carbamates -nonspecific; DDE; Home Economics; Organophosphorous Cpds.; Pesticide Residues; Physical Degradation; TDE; ...4.0963

INSECTICIDAL RESIDUES ...Carbon; Medicago; Methoxychlor; Pesticide Application Rates; Pesticide Persistance in Soils; Plant; Soil Microbiology; ...4.0985

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Calification -vertebrate; DDT; Dibromoethane; Food Contamination; Malathion; Pesticide Residues; Sevin; Tissue Accumulation Rates; ...4.0989

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources - general; Solar Light; Water Pollutants - Path of; ...4.1033

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chenopodiaceae; Chlorinated Hydrocarbons; Insecticides -nonspecific; Organophosphorous Cpds.; Plant; Rhizosphere; Soil Microbiology; Trifolium; ...4.1043

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analysis; D, 2,4-; Gas Chromatography; Malathion; Methoxychlor; Ponds; Thin Layer Chromatography; ...4.1061

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Animal; Chlorobenzilate; Ddvp; Herbicides and Other Chem; Pesticide Action on Animals; Plant; Translocation; ...4.1066

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Glycine; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

Diazoxon

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

Dibrom

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals; Furadan; Insects - Beneficial; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

INSECT POLLINATION INVESTIGATIONS ON LEGUMES ...Dimethoate; Dipterex; Insects - Beneficial; Medicago; ...4.0876

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

Dieldrin

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

INTERCEPTION AND DEGRADATION OF PESTICIDES BY AQUATIC ALGAE ...Algae - Cyanophyta; Cellular Catabolism-see Degrad; DDT; Metabolism of Algacides; Microorganism-see Cell. Catab.; Pesticides -see Pesticide; Radioisotopes -nonspecific; ...2.0779

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE; Fish, Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

IMPROVING THE QUALITY OF OUR WATER RESOURCES ...Adsorption; Filtration; Pesticides -see Pesticide; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1015

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Iodine; Ms-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Aquatic Ecology - Animal; Farm Pond; Georgia; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Plant Ecology -nonspecific; ...4.0025

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Aerosols - Smokes, Fogs, Steam; Climates -general; DDE; Endrin; Monitoring Systems; Pesticide Phytotoxicity; Radioisotopes -nonspecific; ...4.0033

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Endrin; Eptam; Filtration; Pesticide Formulation; Pesticide Residues Removal; Ponds; Rural Areas; ...4.0034

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Animal Productivity; Bos; Ecological Effects; Oncorhynchus; Pesticide Action on Animals; Pesticide in Food Chains; Pollution Effects -see Water; Residues in Foods; ...4.0064

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Biological Effects; Cellular Catabolism-see Degrad; DDT; Lake Michigan; Microorganism-see Cell. Catab.; Pesticide Residue Analysis; Pesticide Residues Removal; ...4.0075

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0088

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Drift; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Gas Chromatography; Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

PERSISTENCE AND TOXICITY OF INSECTICIDES IN SOILS FOR CONTROL OF SOIL-INHABITING INSECTS ...Chlordan; DDT; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil Microbiology; Zea Mays - Field Corn; ...4.0149

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Agritox; Baygon; Chlordan; Pesticide Application Rates; Pesticide Formulation; Pesticide Residues; Plant Phenology; ...4.0150

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Heptachlor; Pesticide Degradation -see Deg; Petroleum Cpds. -nonspecific; ...4.0179

METABOLITES OF ENDRIN IN SOILS & CROPS ...Chemical Analysis; Chlordan; Endrin; Heptachlor; Metabolites From Pesticides; Pesticide Degradation -see Deg; Plant; ...4.0180

MICROBIAL DEGRADATION OF PESTICIDES ...Bacilli -nonspecific; Cyclodiene Cpds. -nonspecific; Microorganism-see Cell. Catab.; Pesticide Persistance in Soils; Pseudomonas; ...4.0198

CENTRALIZED PESTICIDE RESIDUE INVESTIGATIONS OF SOUTHERN AGRICULTURAL EXPERIMENT STATIONS ...Pesticide Action on Plants; Pesticide Residues; Plant Absorption -other; ...4.0267

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates; Disulfoton; Granules, Capsules; Meta - Systox; Ornamentals; Pesticide Action on Plants; Pesticide Interaction With Env; Temporal Distribution; ...4.0289

INSECT PESTS OF CUCURBIT CROPS ...Granules, Capsules; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Temperature - Air; ...4.0307

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

THE DEGRADATION OF DDT, TDE, AND DIELDRIN IN THE CIGARETTE MAIN-STREAM AND SIDE-STREAM SMOKES ...Chemical Degradation; DDT; Pesticide Toxicity in Humans; TDE; Tobacco -cigarettes; Toxicology; ...4.0422

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Absorption (incl. Adsorption); Captan; Chlorophyll; Metabolites From Pesticides; Photosynthesis; Respiration; Translocation; ...4.0443

BIOLOGY AND CONTROL OF INSECTS IN DECIDUOUS FORESTS AND CHRISTMAS TREE PLANTATIONS ...Acer Species; Aliphatic Carbamates; Liquids Or Sprays; Pesticide Evaluation; Thiodan; ...4.0464

TRANSFORMATION OF INSECTICIDES BY PLANTS ...Carbon; Chemical Analysis; Pesticide Action on Plants; Pesticide in Food Chains; Phaseolus; Plant; Sevin; ...4.0467

PESTICIDES IN MAMMALIAN CELL SYSTEMS ...Cellular Biosynthesis; DDT; Kinetics; Laboratory Animals; Mammals -nonspecific; Pesticide Action on Animals; ...4.0533

PESTICIDE DEPOSITION IN POULTRY ...Chemical Analysis; DDT; Food Contamination; Laboratory Animals; Pesticide in Food Chains; Pesticide Residues in Feeds; Residues in Foods; ...4.0538

PHYSIOLOGICAL CONSEQUENCES OF LONG-TERM EXPOSURE TO LOW LEVELS OF TOXICANTS ...DDT; Environmental Effects - Human; Laboratory Animals; Muridae; Pesticide Formulation; Stressors, Physiological; Toxicology; ...4.0559

LIPOLYSIS OF MILK AND OTHER ANIMAL FATS AS INFLUENCED BY PESTICIDE RESIDUES ...DDT; Food Contamination; Parathion; Pesticide Formulation; Pesticide Rates - general; Sevin; ...4.0582

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aldrin; Aramite; Chemical Analysis; Methoxychlor; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0592

EFFECTS OF PESTICIDES ON MARINE ANIMALS ...Developmental Physiology; Echinodermata; Hippolyte; Invertebrate Physiology; Marine Pollution; Pesticide Toxicity in Animals; ...4.0593

DIELDRIN BUILD-UP AND DISSIPATION RATE IN FATTY TISSUES OF BEEF CATTLE FED DIFFERENT LEVELS OF ALDRIN ...Aldrin; DDT; Laboratory Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; ...4.0609

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Aldrin; DDT; Endrin; Heptachlor; Lindane; Pesticide Residues Removal; Residues in Foods; ...4.0617

MULTICRITERIAL EVALUATION OF ENVIRONMENTAL PESTICIDES ...Behavior -vertebrate; Chemical Analysis; Domestic Animals; Livestock -nonspecific; Pesticide Legal Aspects; Pesticide Tolerance Rate; Pesticide Toxicity in Humans; ...4.0619

EFFECTS OF DDT ...Chemical Analysis; DDT; Endrin; Pesticide Action on Animals; TDE; ...4.0630

THE EFFECTS OF DDT AND OTHER PESTICIDES ON SEBAGO LAKE SALMON ...BHC; DDE; Pesticide Action on Animals; TDE; ...4.0631

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; TDE; ...4.0638

STUDIES IN CHEMICAL METHODOLOGY FOR DETERMINATION OF PESTICIDE RESIDUES ...Chemical Analysis; DDT; Laboratory Animals; Mallard; Pesticide Residue Analysis; Pesticide Residues; ...4.0652

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ...Captive Rearing; DDT; Estuaries; Heptachlor; Massachusetts; Pesticides -see Pesticide; Pleuronectidae; Spawning -see Fish & Shellfish; ...4.0654

FUR ANIMAL NUTRITION STUDIES ...Animal Pharmacology; Mustelidae; Scorpaenidae; TDE; ...4.0663

FUR ANIMAL STUDIES (MINK) ...Chemical Analysis; DDT; Domestic Animals; Muridae; Mustelidae; Pesticide Formulation; Pesticide Residues Removal; TDE; ...4.0664

EFFECTS OF PHYSIOLOGICAL ENVIRONMENT ON CELLULAR HOMEOSTASIS, PROTEIN METABOLISM AND NUTRITION ...Cellular Biosynthesis; Cellular Metabolism - Controls; Laboratory Animals; Muridae; Pesticide Action on Animals; Pesticide Formulation; ...4.0665

THE ACCUMULATION AND EXCRETION OF DIELDRIN IN DAIRY HEIFERS AND COWS ...Bos; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0666

EFFECTS OF PESTICIDES ON NON-TARGET ORGANISMS ...Animal; Arachnida; Pesticide in Food Chains; Pesticide Residue Analysis; Scophulariaceae; ...4.0667

METABOLISM OF PESTICIDES BY RUMEN MICROBIOTA AND FACTORS INFLUENCING ABSORPTION ...Bacterial Identification; Capra; DDT; Intestinal Bacteria; Microorganism -see Cell. Catab.; Pesticide Action on Plants; Petroleum -see Oil; ...4.0668

FACTORS AFFECTING PLACENTAL TRANSFER, METABOLISM AND EXCRETION OF PESTICIDES IN ANIMALS ...Animal Pharmacology; DDT; Laboratory Animals; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; Tissue Accumulation Rates; ...4.0669

FACTORS AFFECTING INSECTICIDE RESIDUES IN MILK ...Bos; Domestic Animals; Metabolites From Pesticides; Pesticide Residues in Feeds; Residues in Foods; ...4.0671

PATHOLOGIC EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS USED IN THE ENVIRONMENT - THE TOXICITY OF NITRATES ...Animal Pharmacology; Laboratory Animals; Pesticide Action on Animals; Rodentia -other; Tissue Accumulation Rates; ...4.0675

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Chlorine; Endrin; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Salmo Gairdneri; Water Pollution Effects; ...4.0697

INVESTIGATION OF STRESS-INDUCED MOBILIZATION OF INSECTICIDE RESIDUES - CHRONIC TOXICITY OF PESTICIDES TO FISH ...Chemical Analysis; DDT; Fish; Laboratory Animals; Pesticide Action on Animals; Temperature (water); ...4.0714

FISH REPRODUCTION AS AFFECTED BY ORGANOCHLORINE INSECTICIDES ...Captive Rearing; Chlordan; Laboratory Animals; Methoxychlor; Pesticide Residues; ...4.0722

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Aroclor; Ictalurus Punctatus; Lepomis Macrochirus; Physiological Effects; ...4.0723

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Bioassay; DDT; Pesticide Action on Animals; Pesticides -see Pesticide; Salmo Gairdneri; Water Pollution Effects; ...4.0724

DDT AND DIELDRIN METABOLISM AND STORAGE BY CHINOOK SALMON UNDER LABORATORY CONDITIONS ...Chlorinated Hydrocarbons; DDT; Laboratory Animals; ...4.0729

PESTICIDE-WILDLIFE RELATIONSHIPS - REPRODUCTION, GROWTH, AND PHYSIOLOGY OF DEER FED DIELDRIN CONTAMINATED DIETS ...Deer -nonspecific; Dieldrin -see Pesticides; Laboratory Animals; Pesticide Formulation; Pesticide Tolerance Rate; Tissue Accumulation Rates; ...4.0744

A STUDY OF THE DEGRADATION RATE OF ALDRIN ...Aldrin; Animal; Annelida; Metabolites From Pesticides; Pesticide in Food Chains; Pesticide Toxicity in Animals; Soil Microbiology; ...4.0745

DEGRADATION AND PERSISTENCE OF ALDRIN ...Aldrin; Animal Habitat Studies; Pesticide in Food Chains; Pesticide Residues; ...4.0746

EFFECTS OF A PESTICIDE ON REPRODUCTION OF CONFINED COTTONTAILS ...Captive Rearing; Mammals; Pesticide Action on Animals; Pesticide Formulation; Population Dynamics - general; ...4.0747

THE RELATIONSHIP BETWEEN THE USE OF AGRICULTURAL CHLORINATED HYDROCARBONS AND THEIR RESIDUES IN CHANNEL CATFISH ...Chemical Analysis; DDT; Fish; Land Use; Pesticides -see Pesticide; River Basins; ...4.0754

TOXICOLOGY AND METABOLISM OF UNINTENTIONAL FOOD ADDITIVES ...Caviidae; Food Contamination; Laboratory Animals; Pesticides -other; Residues in Foods; Toxicology; ...4.0766

TOXICOLOGICAL STUDIES OF DIELDRIN AND STEROIDS IN DOGS ...Canidae; Gas Chromatography; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0773

TOXICOLOGICAL STUDIES OF DIELDRIN AND STEROIDS IN DOGS ...Animal Pharmacology; Canidae; Laboratory Animals; ...4.0774

NORMAL AND MODIFIED PLACENTAL TRANSFER AND TISSUE DISTRIBUTION OF ENVIRONMENTAL AGENTS ...Developmental Physiology; Diquat; Environmental Effects - Human; Laboratory Animals; Mammals -nonspecific; Paraquat; Pesticide Action on Animals; ...4.0788

PESTICIDES AND PESTICIDAL SYNERGISTS STUDIES IN PREGNANT HAMSTERS ...Aldrin; Cricetus; Endrin; Experimental Teratology; Laboratory Animals; Piperonyl Butoxide; Toxicology; ...4.0795

INFLUENCE OF NUTRITION ON INSECTICIDE RESIDUES IN CHICKENS ...Birds; Gallus Domesticus; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0798

MECHANISMS OF ADAPTATION OF ORGANISMS TO PESTICIDES ...Animal; Ddvp; Genetic Resistance; Pesticide Action on Animals; Sevin; ...4.0799

DIELDRIN TOXICITY IN THE CHICKEN ...Domestic Animals; Gallus Domesticus; Pesticide Residues in Feeds; Residues in Foods; Tissue Accumulation Rates; ...4.0803

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Aldrin; Ictaluridae; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...4.0807

THE UPTAKE OF DIELDRIN IN THE THREE RIDGED NAIAD, AMBLEMA PLICATA ...Aquatic Ecology - Animal; Mollusca; Ohio River; Pollution Effects -see Water; Water Pollutant Identification; ...4.0808

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

RELATIONSHIP OF INSECTICIDES TO PHEASANTS IN SOUTH DAKOTA ...Aldrin; Birds; Pathology; Pesticide Formulation; Tissue Accumulation Rates; ...4.0847

PRELIMINARY MONITORING OF PESTICIDES ...DDT; Mercury; Partridge; Pheasant; ...4.0856

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dursban; Heptachlor; Melliagris; Paraquat; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

BRAIN LESIONS, BEHAVIOR CHANGES AND PESTICIDE RESIDUES ...Anseriformes; Laboratory Animals; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0882

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Carbon; DDT; Domestic Animals; Muridae; Pesticide Residues; ...4.0883

ACTION MECHANISMS OF INSECTICIDAL DERIVATIVES ...Animal; Carbamates -nonspecific; DDT; Fungi -nonspecific; Muridae; Pesticide Action on Animals; Physiological Resistance; ...4.0915

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

PESTICIDE RESIDUES AND METABOLITES ...Arachis; Gas Chromatography; Pesticide in Food Chains; Pesticide Residue Analysis; Pesticide Tolerance Rate; Sevin; ...4.0942

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

OXIDATIVE DEALKYLATION OF PESTICIDES ...Bidrin; Chemical Degradation; Laboratory Animals; Muridae; Phosphamidon; ...4.0958

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides - other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Heptachlor; Lindane; Methoxychlor; Pesticide Residues, Residues in Foods; Tissue Accumulation Rates; ...4.0973

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Heptachlor; Methoxychlor; Pesticide Residues; Residues in Foods; Toxaphene; ...4.0976

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

INSECTICIDAL RESIDUES ...Carbon; Diazinon; Medicago; Methoxychlor; Pesticide Application Rates; Pesticide Persistance in Soils; Plant; Soil Microbiology; ...4.0985

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram, Pyrus Malus; Sevin; ...4.0990

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

QUALITY FACTORS OF LAKE MICHIGAN COHO SALMON FLESH ...DDE; Oncorhynchus; Pesticides -see Pesticide; Spawning -see Fish & Shellfish; ...4.1046

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Bos; DDT; Domestic Animals; Pesticide Residues; TDE; ...4.1048

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Cindrin; DDT; Ericaceae; Gardona; Metabolites From Pesticides; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant Growth Regulators -ns.; ...4.1076

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Aliphatic Carbamates; Chemical Analysis; Disulfoton; Moisture Deficiency; Pesticide in Food Chains; Pesticide Residues; Preventative Measures; Rubus; ...4.1080

METABOLISM OF CHLORINATED HYDROCARBON INSECTICIDES IN LIVESTOCK ...Animal; Domestic Animals; Gallus Domesticus; Pesticide Action on Animals; Urine; ...4.1097

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Labiatae; Moraceae; Pesticide Action on Plants; Pisum; Thimet; Zea Mays - Field Corn; ...4.1102

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Chenopodiaceae; Dimethoate; Insect Resistance; Parathion; Pesticide Residues; Sorghum; Triticum; ...4.1115

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD PRODUCTS ...Aldrin; DDT; Parathion; Pesticide Residues in Feeds; Residues in Foods; ...4.1118

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Aldrin; Gallus Domesticus; Home Economics; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.1126

Diethyl Parathion

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Chenopodiaceae; Dieldrin; Dimethoate; Insect Resistance; Parathion, Pesticide Residues; Sorghum; Triticum; ...4.1115

Dipterex

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Biological Control; Chlorobenzilate; Chlorphenamidine; Economic Losses (or Benefits); Medicago; Pesticide Application Rates; Pesticide Evaluation; Toxaphene; ...4.0010

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

EFFECT OF PESTICIDES ON MORPHOLOGY AND STRUCTURE OF LACTIC ACID ORGANISMS ...Bacteria -nonspecific; Cellular Physiology- Env Eff.; Insecticides -nonspecific; Malathion; Pesticides -nonspecific; Streptococcus -nonspecific; ...4.0522

EFFECT OF PESTICIDES ON APICULTURE ...Abate; Chlorphenamidine; Insects - Beneficial; Methomyl; Temperature - Air; Toxaphene; ...4.0561

BIOLOGY AND CONTROL OF ORANGEWORMS ATTACKING CITRUS, WITH REFERENCE TO ORANGE TORTRIX ...Biological Control; DDT; Insects - Beneficial; Pesticide Application Rates; Pesticide Residues; TDE; ...4.0562

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...Bidrin; DDT; Economics of Chemical Control; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; Strobane; Toxaphene; ...4.0865

INSECT POLLINATION INVESTIGATIONS ON LEGUMES ...Dibrom; Dimethoate; Insects - Beneficial; Medicago; ...4.0876

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

EFFECTS OF PESTICIDES USED IN DAIRY INDUSTRY ...Bacterial Morphology; Lactobacillus Sp; Pesticide in Food Chains; Product Development Research; Streptococcus -nonspecific; ...4.0997

Dnp

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Adenosine Diphosphate; Cotoran; Glycine; Herbicides and Other Chem; Oligomycin; Pesticide Formulation; Pesticide Phytotoxicity; Triazines -nonspecific; ...4.0215

Dodecyl Alcohol

BACTERIOLOGY OF BIODEGRADABLE SURFACTANTS ...Bacilli -nonspecific; Bacterial Morphology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Escherichia Coli; Phenols; Staphylococcus -nonspecific; Surfactants -see Detergents; ...2.1492

Dursban

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Cyclodiene Cpds. -nonspecific; Disulfoton; Dyphonate; Gardona; Methomyl; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0429

AERIAL DISPERSAL METHODS FOR CONCENTRATED INSECTICIDES ...Concentrates; Insects - Beneficial; Liquids Or Sprays; Oryzeae; Pesticide Evaluation; Wildlife Toxicity; ...4.0554

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Baytex; Imidan; Mca-600; Pesticide Evaluation; Pesticide Residues; Phusvel; Tissue Accumulation Rates; ...4.0602

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; Pesticides -nonspecific; Plant Freshwater Ecology. Temperature (water); Water Quality - general; ...4.0716

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Estuaries, Marine Animals; Pesticide Action on Animals; Pesticide Toxicity in Animals; Physical Models; Pollution Effects -see Water; Sevin; ...4.0825

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Environmental Geology; Fish; Laboratory Animals, Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin, Heptachlor, Melliagris; Paraquat; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity, Phaseolus, Phosvel, Thimet; ...4.0911

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE, Thiodan; ...4.0954

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats - see Animal; ...4.1006

PESTICIDE RESIDUE ANALYSIS, KERRVILLE ...Aerosols - Smokes, Fogs, Steam; Arachnida; Ciodrin; Lindane; Pesticide Rates -general; Ronnel; ...4.1124

Dyphonate

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Agritox; Baygon; Chlordan; Dieldrin; Pesticide Application Rates; Pesticide Formulation; Pesticide Residues; Plant Phenology; ...4.0150

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Equipment; Labiatae; Nematoda; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Chrysanthemum; Diazinon; Furadan; Landrin; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Cyclodiene Cpds. -nonspecific; Disulfoton; Gardona; Methomyl; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Musaceae; Pesticide Evaluation; Pesticide Formulation; Pesticide Phytotoxicity; ...4.0261

CABBAGE MAGGOT AND ITS CONTROL ...Bayer 25141; Furrowing Or Hilling; Pesticide Evaluation; Zinophos; ...4.0412

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Labiatae; Moraceae; Pesticide Action on Plants; Pisum; Thimet; Zea Mays - Field Corn; ...4.1102

Endrin

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE; Dieldrin; Fish; Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Dipterex; Effluents - Waste Water; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

LONG-TERM EFFECTS OF PESTICIDES ON AQUATIC INVERTEBRATES ...Amphipoda; Parathion; Pesticides -see Pesticide; Sevin; ...2.1588

PRELIMINARY STUDIES ON ENDRIN AND OTHER PESTICIDE UPTAKES BY FINGERLING CHANNEL CATFISH ...Ictalurus Punctatus; Pesticide Action on Animals; ...4.0005

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Carbon; Chemical Analysis (water); DDT; Paraquat; Pesticide Residues; Planavin; Soil Chemical Properties; Water Pollutant Identification; ...4.0016

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Aerosols - Smokes, Fogs, Steam; Climates -general; DDE; Monitoring Systems; Pesticide Phytotoxicity; Radioisotopes -nonspecific; ...4.0033

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Eptam; Filtration; Pesticide Formulation; Pesticide Residues Removal; Ponds; Rural Areas; ...4.0034

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control - general; ...4.0036

RESIDUES OF SELECTED PESTICIDES - NATURE, DISTRIBUTION, PERSISTENCE IN PLANTS, ANIMALS & PHYSICAL ENVIRONMENTS ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Monitoring Systems; Pesticide Application Rates; Plant; TDE; ...4.0083

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides - see Pesticide, Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain; Soil Chemical Properties; Soil Depth; Trifluralin; ...4.0099

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Agricultural Runoff; Degradation -see Pesticide Deg; Drainage; Floods; Pesticide Residues; Saccharum; Water Pollutants - Path of; Water Table - Depth of; ...4.0115

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

REDUCTION OR ELIMINATION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Glycine; Pesticide Residues in Feeds; Pesticide Residues Removal; Residues in Foods; Toxaphene; ...4.0132

METABOLITES OF ENDRIN IN SOILS & CROPS ...Chemical Analysis; Chlordan; Dieldrin; Heptachlor; Metabolites From Pesticides; Pesticide Degradation -see Deg; Plant; ...4.0180

MICROBIAL DEGRADATION OF PESTICIDES ...Bacilli -nonspecific; Cyclodiene Cpds. -nonspecific; Dieldrin; Microorganism-see Cell. Catab.; Pesticide Persistance in Soils; Pseudomonas; ...4.0198

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Apium Species; DDT; Parathion; Pesticide Residues; Pesticide Residues Removal; Temperature - Air; Vegetables; ...4.0266

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF

VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Methoxychlor; Pesticide Residues Removal; Sus; ...4.0423

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

EFFECT OF ENDRIN ON EGG-SPERM FORMATION AND EMBRYONIC DEVELOPMENT ...Carassius Auratus; Embryology -basic; Ictalurus Punctatus; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Water Pollution Effects; ...4.0531

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Aquatic Plants -nonspecific: Carbon; Environmental Physiology; Fish; Pesticide Action on Animals; Soil Types -also See Specifics; ...4.0532

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Diphacin; Fish; Fungicides -nonspecific; Mammals; Metal Organics -nonspecific; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0566

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Aldrin; DDT; Dieldrin; Heptachlor; Lindane; Pesticide Residues Removal; Residues in Foods; ...4.0617

REMOVAL OF PESTICIDE RESIDUES IN DAIRY PRODUCTS ...DDT; Lindane; Methoxychlor; Pesticide Residues Removal; Residues in Foods; ...4.0625

EFFECTS OF DDT ...Chemical Analysis; DDT; Dieldrin; Pesticide Action on Animals; TDE; ...4.0630

THE EFFECTS OF DDT AND OTHER PESTICIDES ON SEBAGO LAKE SALMON ...BHC; DDE; Dieldrin; Pesticide Action on Animals; TDE; ...4.0631

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Chlorine; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Salmo Gairdneri; Water Pollution Effects; ...4.0697

FISH REPRODUCTION AS AFFECTED BY ORGANOCHLORINE INSECTICIDES ...Captive Rearing; Chlordan; Dieldrin; Laboratory Animals; Methoxychlor; Pesticide Residues; ...4.0722

FIELD AND LABORATORY INVESTIGATIONS OF INSECTICIDES ...Animal Resistance; Pesticide Application Rates; Pesticide Formulation; Residues in Foods; Triticum; ...4.0757

PESTICIDES AND PESTICIDAL SYNERGISTS STUDIES IN PREGNANT HAMSTERS ...Aldrin; Cricetus; Dieldrin; Experimental Teratology; Laboratory Animals; Piperonyl Butoxide; Toxicology; ...4.0795

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - INTERACTIONS OF ENDRIN AND ANTICONVULSANT DRUGS IN THE CEREBRAL CORTEX OF ANESTHETIZED ANIMALS ...Ceboidea; Felidae; Pesticide Action on Animals; Pesticide Toxicity in Humans; Strigiformes; ...4.0813

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - ANALYSIS OF EEG CHANGES INDUCED BY CHRONIC ENDRIN ADMINISTRATION ...Chlorinated Hydrocarbons; Pesticide Residue Analysis; Residues in Foods; Toxicology; ...4.0814

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - ANALYSIS OF EEG CHANGES INDUCED BY CHRONIC ENDRIN ADMINISTRATION ...Ceboidea; Laboratory Animals; Metabolism & Metab. Diseases; Pesticide Action on Animals; Stressors, Physiological; Toxicology; ...4.0816

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Dieldrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ...Bos; Domestic Animals; Food Contamination; Lindane; Pesticide Residues; Residues in Foods; ...4.0849

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Animal Resistance; Chemical Degradation; Insecticides -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Residues; Sevin; ...4.0922

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

PESTICIDAL RESIDUES IN FOODS ...Cobalt; Food Contamination; Home Economics; Pesticide in Food Chains; Residues in Foods; ...4.0951

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analysis; D, 2,4-; Diazinon; Gas Chromatography; Malathion; Methoxychlor; Ponds; Thin Layer Chromatography; ...4.1061

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Chenopodiaceae; Dieldrin; Dimethoate; Insect Resistance; Parathion; Pesticide Residues; Sorghum; Triticum; ...4.1115

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Aldrin; Dieldrin; Gallus Domesticus; Home Economics; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.1126

Ethyl Parathion

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

EFFECT OF MOSQUITO CONTROL CHEMICALS ON AQUATIC FAUNA ...Abate; Biological Effects; Irrigation; Oryzeae; Pesticide Evaluation; Pesticides -see Pesticide; ...4.0539

BIOLOGY AND CONTROL OF THE ALFALFA WEEVIL ...Animal Life History Studies; Guthion; Insects - Beneficial; Pesticide Evaluation; Sevithion; ...4.0880

Gardona

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Cyclodiene Cpds. -nonspecific; Disulfoton; Dyphonate; Methomyl; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

INSECTS AFFECTING THE APPLE ...Animal Life History Studies; Biological Control; Guthion; Insect Chemosterilants -ns.; Monitor; Pesticide Evaluation; Pesticide Phytotoxicity; Torak; ...4.0334

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

SEASONAL OCCURRENCE AND CONTROL OF THE CORN EARWORM IN THE VALLEY ...Animal Life History Studies; Economics of Chemical Control; Helminthosporium; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics - general; Vegetables; ...4.0406

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Chlorphenamidine; Furadan; Guthion; Liquids Or Sprays; Pesticide Evaluation; Phosalone; Pyrus Malus; UC 34096; ...4.0413

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Application Rates; Pesticide Legal Aspects; Pesticide Residues; Population Dynamics -general; Solvents Or Carriers; Supracide; ...4.0417

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control: Furadan, Liquids Or Sprays; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone; Prunus Domestica; Residues in Foods; ...4.0455

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF NUT CROPS ...Animal Life History Studies; Arachnida; C-2307; Guthion; Pesticide Evaluation; Plictran; ...4.0456

IDENTIFICATION, BIOLOGY AND CONTROL OF INSECTS ATTACKING SWEET CORN ...Animal Life History Studies; Biological Control; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Zea Mays - Field Corn; ...4.0585

CONTROL OF APPLE INSECT PESTS WITH REDUCED SPRAY SCHEDULES ...Liquids Or Sprays; Pesticide Drift; Pesticide Persistance in Soils; Sevin; ...4.0765

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Fenac; Gas Chromatography; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; Residues in Foods; ...4.0770

THE BIOLOGY AND CONTROL OF ARTHROPODS AFFECTING MAN AND ANIMALS ...Baytex; Bos; Cythioate; Pesticide Action on Animals; Pesticide Evaluation; Rabbits; Ruelene; ...4.0824

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT AND MITE PESTS OF APPLE ...Acaricides -nonspecific; Arachnida; Biological Control; Insects - Beneficial; Phosalone; Torak; ...4.0896

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biological Control; Chlorphenamidine; Insects - Beneficial; Liquids Or Sprays; Oxthioquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

INSECTICIDE RESIDUES FROM EXPERIMENTAL TREATMENTS TO PREVENT OR CONTROL INSECTS IN STORED PRODUCTS ...Bromine; Chlorine; Food Contamination; Malathion; Pesticide Residues; Piperonyl Butoxide; ...4.1019

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Ciodrin; DDT; Ericaceae; Metabolites From Pesticides; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant Growth Regulators -ns.; ...4.1076

DEVELOPMENT OF APPLE SPRAY PROGRAMS IN RELATION TO SPRAY RESIDUE RESTRICTIONS ...Degradation; Furadan; Guthion; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrus Malus; ...4.1082

PESTICIDE RESIDUE ANALYSIS, KERRVILLE ...Aerosols - Smokes, Fogs, Steam; Arachnida; Ciodrin; Dursban; Lindane; Pesticide Rates -general; Ronnel; ...4.1124

METHODS OF ANALYSIS FOR PESTICIDES, KERRVILLE ...Bos; Ciodrin; Ddvp; Domestic Animals; Gallus Domesticus; Pesticide Residue Analysis; Sus; ...4.1125

Guthion

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; DDT; Maneb; Methoxychlor; Residues in Foods; TDE; Toxaphene; ...4.0257

INSECTS AFFECTING THE APPLE ...Animal Life History Studies; Biological Control; Insect Chemosterilants -ns.; Monitor; Pesticide Evaluation; Pesticide Phytotoxicity; Torak; ...4.0334

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds. -nonspecific; Phosvel; Population Dynamics - general; Torak; ...4.0347

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Chlorphenamidine; Furadan; Liquids Or Sprays; Pesticide Evaluation; Phosalone; Pyrus Malus; UC 34096; ...4.0413

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Pesticide Application Rates; Pesticide Legal Aspects; Pesticide Residues; Population Dynamics - general; Solvents Or Carriers; Supracide; ...4.0417

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida; Formetanate, Imidan; Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF NUT CROPS ...Animal Life History Studies; Arachnida; C-2307; Pesticide Evaluation; Plictran; ...4.0456

INTEGRATED CONTROL OF PEACH INSECT PESTS ...Animal Distribution; Arachnida; Biological Control; Pesticide Evaluation; Population Dynamics -general; ...4.0546

TOLERANCE OF ORGANIC PHOSPHATES IN MAN ...Ethion; Methyl Parathion; Pesticide Toxicity in Humans; Phosdrin; Toxicology; Trithion; ...4.0569

BIONOMICS AND CONTROL OF INSECT PESTS AFFECTING SMALL FRUITS ...Domestic Animals; Insect Resistance; Low Volume; Methomyl; Pesticide Evaluation; Vitaceae; ...4.0673

BIOLOGICAL AND INTEGRATED CONTROL OF COTTON INSECTS ...Animal Habitat Studies; Biological Control; Gossypium; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; ...4.0690

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Medicago; Nemacur P; Pesticide Application Rates; Pesticide Residues; Phosvel; Sevin; ...4.0759

BIOLOGY AND CONTROL OF THE ALFALFA WEEVIL ...Animal Life History Studies; Ethyl Parathion; Insects - Beneficial; Pesticide Evaluation; Sevithion; ...4.0880

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT AND MITE PESTS OF APPLE ...Acaricides -nonspecific; Arachnida; Biological Control; Gardona; Insects - Beneficial; Phosalone; Torak; ...4.0896

NORTHWEST TREE FRUIT INSECTS ...Acaricides -nonspecific; Arachnida; DDT; Insect Resistance; Invertebrate Physiology; Pesticide Action on Animals; Pesticide Residues; Radiation Sources -general; ...4.0993

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bux-ten; Disulfoton; Monitor; Nicotine; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...4.1036

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

PESTICIDAL RESIDUES OF AGRICULTURAL CHEMICALS ...Furadan; Metabolites From Pesticides; Methyl Parathion; Pesticide Application Rates; Pesticide Residues in Feeds; Pheasant; ...4.1072

DEVELOPMENT OF APPLE SPRAY PROGRAMS IN RELATION TO SPRAY RESIDUE RESTRICTIONS ...Degradation; Furadan; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrus Malus; ...4.1082

ECONOMIC EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...BHC; Chemical Analysis; Parathion; Pesticide Residues in Feeds; Residues in Foods; ...4.1110

Heptachlor

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Agricultural Runoff; Atrazine; Fertilizers; Irrigation; Leaching; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Tillage, Cropping Systems; ...2.0725

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE; Dieldrin; Fish; Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Drift; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

DISPOSITION OF PESTICIDES IN THE SOIL ...Avena Sativa; Granules, Capsules; Medicago; Plant Residues, Humus, Compost; Soil Microbiology; Yeasts -nonspecific; ...4.0178

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Dieldrin; Pesticide Degradation -see Deg; Petroleum Cpds. -nonspecific; ...4.0179

METABOLITES OF ENDRIN IN SOILS & CROPS ...Chemical Analysis; Chlordan; Dieldrin; Endrin; Metabolites From Pesticides; Pesticide Degradation -see Deg; Plant; ...4.0180

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Chrysanthemum; Diazinon; Furadan; Landrin; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Aldrin; DDT; Dieldrin; Endrin; Lindane; Pesticide Residues Removal; Residues in Foods; ...4.0617

EFFECTS OF PESTICIDES ON MICROORGANISMS IMPORTANT TO THE DAIRY INDUSTRY ...Aerobic Bacteria; DDT; Escherichia Coli; Heptachlor Epoxide; Metabolites From Pesticides; Pesticide Toxicity to Microorg; Staphylococcus Aureus; ...4.0623

EFFECT OF PESTICIDES ON ENZYME SYSTEMS ...Aldrin; Carbamates -nonspecific; Chlordan; Fungicides -nonspecific; Herbicides -nonspecific; Pesticide Action on Animals; ...4.0629

PERFORMANCE OF SWINE FED PESTICIDES AND RESIDUES IN BODY TISSUE ...DDT; Heptachlor Epoxide; Malathion; Pesticide Residues in Feeds; Tissue Accumulation Rates; ...4.0642

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ...Captive Rearing; DDT; Estuaries; Massachusetts; Pesticides -see Pesticide; Pleuronectidae; Spawning -see Fish & Shellfish; ...4.0654

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...DDT; Iodine; Malathion; Muridae; Pesticide Rates -general; ...4.0778

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics, Bos; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

CHEMICAL RESIDUES IN MILK ...Bos; Domestic Animals; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.0850

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Dursban; Melliagris; Paraquat; Pesticide Residues Removal; Ronnel; Sus; ...4.0868

EFFECTS OF DIETARY PROTEIN ON THE METABOLISM OF HEPTACHLOR IN THE RAT ...Digestive System - Human; Heptachlor Epoxide; Muridae; Pesticide Tolerance Rate; Toxicology; ...4.0886

PESTICIDE RESIDUES INGESTED BY FINISHING AND REPRODUCING BEEF CATTLE ...Bos; Domestic Animals; Heptachlor Epoxide; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.0889

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Lindane; Methoxychlor; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0973

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Methoxychlor; Pesticide Residues; Residues in Foods; Toxaphene; ...4.0976

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Calification -vertebrate; DDT; Dibromoethane; Food Contamination; Malathion; Pesticide Residues; Sevin; Tissue Accumulation Rates; ...4.0989

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Liquids Or Sprays; Pesticide Residue Analysis; Pesticide Residues in Feeds; Pesticide Toxicity in Animals; TDE; ...4.1114

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Aldrin; Dieldrin; Gallus Domesticus; Home Economics; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.1126

Heptachlor Epoxide

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE; Dieldrin; Fish; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Herbicides and Other Chem; Pesticide Drift; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

EFFECTS OF PESTICIDES ON MICROORGANISMS IMPORTANT TO THE DAIRY INDUSTRY ...Aerobic Bacteria; DDT; Escherichia Coli; Metabolites From Pesticides; Pesticide Toxicity to Microorg; Staphylococcus Aureus; ...4.0623

PERFORMANCE OF SWINE FED PESTICIDES AND RESIDUES IN BODY TISSUE ...DDT; Malathion; Pesticide Residues in Feeds; Tissue Accumulation Rates; ...4.0642

ABSORPTION AND EXCRETION OF HEPTACHLOR EPOXIDE BY DAIRY CATTLE ...Bos; Pesticide Action on Animals; Pesticide Residues in Feeds; Petroleum -see Oil; ...4.0648

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Dieldrin; Endrin; Fish; Mammals; Pesticide Residues in Feeds; Pesticides - see Pesticide; TDE; ...4.0836

EFFECTS OF DIETARY PROTEIN ON THE METABOLISM OF HEPTACHLOR IN THE RAT ...Digestive System - Human; Muridae; Pesticide Tolerance Rate; Toxicology; ...4.0886

PESTICIDE RESIDUES INGESTED BY FINISHING AND REPRODUCING BEEF CATTLE ...Bos; Domestic Animals; Heptachlor; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.0889

EVALUATION OF PESTICIDE RESIDUE PROBLEM IN MONTANA ...Chlordan; Domestic Animals, Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; ...4.0964

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Lindane; Methoxychlor; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0973

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut, and Berry Crops; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Pyrus Malus; Sevin; ...4.0990

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Heptachlor; Liquids Or Sprays; Pesticide Residue Analysis; Pesticide Residues in Feeds; Pesticide Toxicity in Animals; TDE; ...4.1114

Hercules 14503

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Chlorphenamidine; Furadan; Guthion; Liquids Or Sprays; Pesticide Evaluation; Phosalone; Pyrus Malus; UC 34096; ...4.0413

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Application Rates; Pesticide Legal Aspects; Pesticide Residues; Population Dynamics -general; Solvents Or Carriers; Supracide; ...4.0417

RESIDUES IN OR ON RAW AGRICULTUKAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Fenac; Gas Chromatography; Mercury; Monitoring Systems; Pesticide Tolerance Rate: Residues in Foods; ...4.0770

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

Imidan

INSECTS AFFECTING THE APPLE ...Animal Life History Studies; Biological Control; Guthion; Insect Chemosterilants -ns.; Monitor; Pesticide Evaluation; Pesticide Phytotoxicity; Torak; ...4.0334

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida; Formetanate; Guthion; Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Baytex; Dursban; Mca-600; Pesticide Evaluation; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.0602

BIONOMICS AND CONTROL OF INSECT PESTS AFFECTING SMALL FRUITS ...Domestic Animals; Guthion; Insect Resistance; Low Volume; Methomyl; Pesticide Evaluation; Vitaceae; ...4.0673

CONTROL OF APPLE INSECT PESTS WITH REDUCED SPRAY SCHEDULES ...Gardona; Liquids Or Sprays; Pesticide Drift; Pesticide Persistance in Soils; Sevin; ...4.0765

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS IN THE MID-COLUMBIA AREA ...Animal Life History Studies; Arachnida; Biological Control; Omite; Pesticide Evaluation; ...4.0829

BIOLOGICAL CONTROL AGENTS TO REPLACE OR SUPPLEMENT PESTICIDES TO CONTROL PHYTOPHAGOUS ARTHROPODS ...Biological Control; Furadan; Insects - Beneficial; Pest Control Measures; Pesticide Evaluation; ...4.0878

BIOLOGY AND CONTROL OF THE ALFALFA WEEVIL ...Animal Life History Studies; Ethyl Parathion; Guthion; Insects - Beneficial; Pesticide Evaluation; Sevithion; ...4.0880

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; Gallus Domesticus; Medicago; Pesticide Formulation; Pesticide Residues; Tissue Accumulation Rates; ...4.0959

INSECT AND MITE PESTS OF DECIDUOUS FRUITS AND THEIR CONTROL ...Arachnida; Biological Control; Chlorphenamidine; Gardona; Insects - Beneficial; Liquids Or Sprays; Oxthioquinox; Pesticide Phytotoxicity; Pesticide Toxicity in Humans; Wettable Powders; ...4.0981

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bux-ten; Disulfoton; Guthion; Monitor; Nicotine; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...4.1036

DEVELOPMENT OF APPLE SPRAY PROGRAMS IN RELATION TO SPRAY RESIDUE RESTRICTIONS ...Degradation; Furadan; Guthion; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrus Malus; ...4.1082

Insecticides -nonspecific

MOSQUITO CONTROL - TIDAL MARSHES ...Chemical Analysis; Land Use, Modification Effects; Pesticide Action on Animals; Physical Control; Swamps - Marshes; ...2.0252

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Lakes; Mechanism Determination; Pesticides -see Pesticide; Wisconsin; ...2.0858

BIODETERIORATION OF NAVY INSECTICIDES IN THE OCEAN ...Cellular Catabolism-see Degrad; DDT; Microorganism-see Cell. Catab.; Microorganisms -nonspecific; ...2.0971

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources; Chemical Water Properties; Forecasting - Prediction; Mathematical Models; Planning; Rain; Runoff (water); Soil Types -also See Specifics; Water Quality Control -general; ...2.1711

EFFECTS OF WATER POLLUTION ON ZOOPLANKTON ...Cladocera; Copepoda; Pesticide Action on Animals; Pesticide Toxicity in Animals; Water Pollution Sources; ...2.1717

INVESTIGATIONS OF BIOLOGY, ECOLOGY AND CONTROL OF INSECT PESTS OF INDIANA LIVESTOCK ...Feces; Pesticide Evaluation; Pesticide Interaction With Env; Sus; Zea Mays - Field Corn; ...3.0142

ENGINEERING TECHNOLOGY FOR APPLICATION OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Low Volume; Pesticide Application Rates; Physical Control; ...4.0001

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Computer Methods -general; Gossypium; Herbicides -nonspecific; Liquids Or Sprays; Models of Biological Systems; Pesticide Action on Plants; Pesticide Drift; ...4.0002

PESTICIDE MONITORING PROGRAM LAKE MICHIGAN ...Algae -nonspecific; Environment Accumulation Rates; Fish; Lakes; Pesticide in Food Chains; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0028

MECHANISMS OF PESTICIDE ACCUMULATION IN AQUATIC ORGANISMS ...Animal Pests; Biological Effects; Pesticide in Food Chains; Plant Absorption -other; Pollution Effects -see Water; ...4.0039

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

PRESTICIDE INPUTS AND LEVELS IN MINNESOTA WATERS OF THE LAKE SUPERIOR BASIN ...Aquatic Ecology - Animal; Contamination - Water; Lake Superior; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0043

EVALUATION OF LOW VOLUME CONCENTRATE FORMULATIONS OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Chromatography; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Evaluation; Potted Plants -see Ornamentals; ...4.0045

DISPOSING OF SURPLUS PESTICIDES AND PESTICIDE CONTAINERS ...Chemical Degradation; Disposal; Herbicides -nonspecific; Nematocides -nonspecific; Pesticide Residues Removal; Waste Type; ...4.0046

PRECISE PLACEMENT AND DRIFT CONTROL OF INSECTICIDE AND PESTICIDES WHEN ULTRA-LOW VOLUMES ...Handling & Application; Low Volume; Pesticide Drift; Temperature - Air; ...4.0047

THE RECOVERY AND CHARACTERIZATION OF AGRICULTURAL CHEMICALS FROM SPENT PULP CHLORINATION LIQUORS ...Algacides -nonspecific; Ceratocystis; Penicillium; Phenols; Waste Material Recovery; ...4.0058

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds; Chemical Analysis; Ecological Effects; Environmental Ecology; Fish; Lakes; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

INVESTIGATION OF PESTICIDE DRIFT IN THE LOWER RIO GRANDE VALLEY OF TEXAS ...Biological Control; Climates - general; Insects - Beneficial; Pesticide Drift; Population Dynamics -general; ...4.0071

INSECTICIDE DECONTAMINATION OF COLORADO SOILS BY UTILIZATION OF ANIMAL WASTES ...Chlorinated Hydrocarbons; Contamination - Soil; Microorganisms -nonspecific; Pesticide Persistance in Soils; Pesticide Residues Removal; Soil Microbiology; ...4.0092

STRUCTURAL CHEMISTRY OF SOIL HUMIC SUBSTANCES ...Adsorption; Chelation & Complexing; Hydrolysis, Esterification; Organic Soils -see Soils; Pesticides -nonspecific; Reduction Reactions; Soil Chemical Properties; Soil Microbiology; ...4.0106

SOIL INVERTEBRATES INFLUENCE ON CORN RESIDUES ...Arthropods; Minimum Tillage; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Planting Methods; Population Dynamics -general; Soil Microbiology; ...4.0108

INSECTS INFESTING FIELD AND TRUCK CROPS ...Granules, Capsules; Low Volume; Organophosphorous Cpds.; Pesticide Evaluation; Soil Microbiology; ...4.0125

REDUCTION OF HAZARDS ASSOCIATED WITH THE PRESENCE OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Adsorption; Environment Accumulation Rates; Pesticide Persistance in Soils; Pesticide Residues; Soil Chemical Properties; ...4.0127

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Pesticide Degradation -see Deg; Soil Microbiology; Urea Cpds. - nonspecific; ...4.0134

SOIL AND PLANT INTERACTIONS WITH PESTICIDES ...Cellular Catabolism-see Degrad; Herbicides and Other Chem; Pesticide Action on Plants; Plant; Soil Fungi -nonspecific; ...4.0200

APPLE INSECTS ...Acaricides -nonspecific; Arachnida; Liquids Or Sprays; Pesticide Evaluation; Population Dynamics -general; Taxonomy panimal; ...4.0209

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Diazinon; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

THE INFLUENCE OF CULTURAL PRACTICE COMBINATIONS ON THE YIELD AND QUALITY OF COTTON ...Carbamates - nonspecific; Pesticide Action on Plants; Petroleum Cpds. -nonspecific; Soil Fertility; ...4.0214

STORED GRAIN AND CEREAL PRODUCTS INSECT CONTROL BY METHODS LEAVING MINIMUM OF PESTICIDE RESIDUE ...Insect Chemosterilants -ns.; Physical Control; ...4.0216

CHEMICAL STRUCTURE RELATED TO SYSTEMIC ACTIVITY, METABOLISM, MODE OF ACTION, AND FATE OF CHEMICALS IN COTTON PLANT ...Gossypium; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0242

STORED GRAIN INSECT PESTS AND THEIR CONTROL IN UTTAR PRADESH, INDIA ...Climates -general; Foreign Agriculture; Pesticide Evaluation; Temperature - Air; Zea Mays - Field Corn; ...4.0305

FUNDAMENTAL STUDIES ON WEED CONTROL ...Cotoran; Fungicides -nonspecific; Herbicides and Other Chem; Liquids Or Sprays; Pesticide Evaluation; Pesticides Compatibility; Prometryne; Space Competition; ...4.0331

CHEMICAL CONTROL OF ORCHARD INSECTS ...Acaricides - nonspecific; Arachnida; Dusts; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0343

THE INTERACTION OF HERBICIDES WITH OTHER APPLIED PESTICIDES ...Fungicides -nonspecific; Herbicides -nonspecific; Nematocides -nonspecific; Pesticide Evaluation; Pesticides Compatibility; ...4.0387

PESTICIDES FLAVOR OF FOODS ...Ddvp; Food Contamination; Fungicides -nonspecific; Home Economics; Residues in Foods; ...4.0401

BIOASSAY OF PESTICIDE RESIDUES ON PROCESSED FRUITS AND VEGETABLES ...Bioassay; Fungicides -nonspecific; Pesticide in Food Chains; Pesticide Residue Analysis; Residues in Foods; Vegetables; ...4.0408

CURRANT STEM GIRDLER AND CURRANT BORER ...Animal Life History Studies; Biological Control; Economic Losses (or Benefits); Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Saxifragaceae; ...4.0416

INTEGRATED CONTROL OF INSECT AND MITE PESTS OF APPLE ORCHARDS ...Arachnida; Biological Control; Economic Losses (or Benefits); Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0441

GRAIN SORGHUM VARIETAL EXPERIMENTS ...Disease Resistance; Drought Resistance; Pesticide Phytotoxicity; Sorghum; Wildlife -nonspecific; ...4.0446

SWEET SORGHUM VARIETAL EXPERIMENTS ...Arid and Desert Regions; Bos; Irrigation; Pesticide Phytotoxicity; Sorghum; Space Competition; Temperature - Air; ...4.0447

PESTICIDE APPLICATION COSTS AND CHEMICALS FOR PEST CONTROL ON FRUIT ...Acaricides -nonspecific; Concentrates; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Application Rates; Petroleum Cpds. -nonspecific; ...4.0466

THE ROLE OF RHIZOSPHERE MICROORGANISMS IN THE ACTION OF HERBICIDES ON PLANTS ...Ammonification Or Decay; Fungicides -nonspecific; Nitrification; Pesticide Interaction With Env; Pesticides Compatibility; Rhizosphere; ...4.0468

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Granules, Capsules; Nematocides - nonspecific; Nematods; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales; Verticillium; ...4.0480

LABORATORY SCREENING OF INSECT CONTROL MATERIALS, BROWNSVILLE ...Arachnida; Bioassay; Foreign Agriculture; Formulations -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0483

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Gossypium; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Sandy Soils -see Soil Type; Temperature - Air; ...4.0487

BIONOMICS OF THE CEREAL LEAF BEETLE ...Animal Life History Studies; Michigan; Pesticide Evaluation; Pesticide Phytotoxicity; Phalarideae; Soil Moisture; ...4.0514

EFFECT OF PESTICIDES ON MORPHOLOGY AND STRUCTURE OF LACTIC ACID ORGANISMS ...Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Dipterex; Malathion; Pesticides - nonspecific; Streptococcus -nonspecific; ...4.0522

PESTICIDE-WILDLIFE RELATIONSHIPS ...Birds; DDT; Mammals; Odocoileus; Pesticide Residues; Quail; Rabbits; ...4.0530

ASPECTS OF THE BIOCHEMICAL TOXICOLOGY OF INSECTICIDE CHEMICALS ...Pesticide Phytotoxicity; Pesticide Residue Analysis; ...4.0547

BIOLOGICAL CONTROL OF COTTON INSECTS ...Animal Life History Studies; Biological Control; Economic Losses (or Benefits); Pest Control Measures; Viruses - Animal; ...4.0552

INTEGRATED BIOLOGICAL-SYSTEMIC INSECTICIDE CONTROL OF COTTON ...Biological Control; Pesticide Toxicity in Animals; ...4.0565

SAFE HANDLING AND DISPOSAL OF MILITARY PESTICIDES ...Handling & Application; Pesticide Safety Measures; ...4.0587

BIOLOGICAL AND INTEGRATED CONTROL OF ARTHROPOD PESTS ...Animal Migration; Biological Control; Herbicides -nonspecific; Insects - Beneficial; Phaseolus; Rain; ...4.0605

METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Domestic Animals; Experimental Teratology; Feces; Gallus Domesticus; Pesticide in Food Chains; Pesticide Tolerance Rate; ...4.0608

FACTORS AFFECTING PESTICIDE TOXICITY ...Amphibians; Birds; Fish; Mammals -nonspecific; Pesticide Action on Animals; Pesticides Compatibility; ...4.0656

BIOCHEMICAL AND PHYSIOLOGIC RESPONSE TO TOXIC STRESS ...Cellular Metabolism - Controls; Environmental Effects - Human; Muridae; Pesticide Action on Animals; Toxic Substances; ...4.0657

RATES OF PESTICIDE BUILDUP IN SALMONIDS RECENTLY INTRODUCED IN THE GREAT LAKES ...Aquatic Ecology - Animal; Lake Superior; Marine Pollution; Pollution Effects -see Water; ...4.0661

ANALYSIS OF BIO-ACTIVE CHEMICALS FOR POSSIBLE HAZARDOUS PROPERTIES ...Air Pollution -see Specifics, Chemical Analysis; Pesticide Toxicity in Humans; Preventative Measures; ...4.0672

THE UPTAKE OF INSECTICIDES BY FRESHWATER MUSSELS AND THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF INSECTICIDES ON THESE MUSSELS ...Contamination - Water; Fresh Water; Invertebrate Physiology; Mollusca; Pesticide Action on Animals; Pesticide Formulation; ...4.0676

ROLE OF BENEFICIAL INSECTS IN COTTON INSECT CONTROL ...Biological Control; Insects - Beneficial; Pest Control Measures; Pesticide Action on Animals; ...4.0691

A STUDY ON THE CORRELATION BETWEEN INSECT CONTROL AND BEEF PRODUCTION ...Baits, Lures; Bos; Domestic Animals; Liquids Or Sprays; Solvents Or Carriers; ...4.0693

72-HR THYROIDAL I125 UPTAKE IN IMMATURE CHANNEL CATFISH FOLLOWING EXPOSURE TO 5 DOSES OF SELECTED TOXICANTS (ABBREV.) ...Chlorinated Hydrocarbons; Ictalurus Punctatus; Iodine; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0700

INFLUENCE OF PROTOZOAN ACTIVITY ON HALOGENATED HYDROCARBON RESIDUES - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Aquatic Ecology - Animal; Biodegradation; Fresh Water; Invertebrate Physiology; Pesticides -see Pesticide; Protozoa; ...4.0706

THE EFFECT OF PESTICIDES ON PRIMARY PRODUCERS IN A FRESHWATER ECOSYSTEM (ABBREV.) ...Adenosine Triphosphate; Aroclor; Pesticides -see Pesticide; Phytoplankton; Polychlorinated Biphenyl Cpds.; ...4.0707

EFFECTS OF INSECTICIDES ON ACTIVITY OF SOIL INHABITING INSECTS ...Insects - Beneficial; Pesticide Aquatic Cycling, Pesticide Movement in Soils; Pesticide Persistance in Soils; Soil Microbiology; ...4.0742

EFFECT OF PESTICIDES ON INSECT PARASITES AND PREDATORS ...Arachnida, Insects - Beneficial; Pesticide Action on Animals; Pesticide Evaluation; Pesticides -nonspecific; ...4.0743

TOXICOLOGY AND METABOLISM OF UNINTENTIONAL FOOD ADDITIVES ...Caviidae; Food Contamination; Laboratory Animals; Pesticides -other, Residues in Foods; Toxicology; ...4.0766

FORAGE INSECT INVESTIGATIONS ...Animal Migration; Lotus; Pesticide Evaluation; Population Dynamics -general; Trifolium; Zea Mays - Field Corn; ...4.0768

EFFECT OF INSECTICIDES ON POPULATIONS OF PARASITES OF THE ALFALFA WEEVIL ...Biological Control: Insects - Beneficial; ...4.0835

RESEARCH ON ARTHROPOD-BORNE DISEASES - II ...Genetic Resistance; Meetings; Pesticide Toxicity in Humans; Physiological Resistance; Sanitation; Toxicology; ...4.0848

INSECTICIDE RESIDUES IN POULTRY AND EGGS ...Biochemical Analysis - Tissues; Chlordan; Food Contamination; Home Economics; Melliagris; Pesticide Residues in Feeds; Residues in Foods; ...4.0862

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN RELATION TO INSECTS AFFECTING LIVESTOCK ...Biodegradation; Chemical Analysis; Domestic Animals; Liquids Or Sprays; Livestock -nonspecific; Pesticide Evaluation; Pesticide Residues; ...4.0863

TOXICOLOGICAL EFFECTS OF VARIOUS PESTICIDES AND OTHER AGRICULTURAL CHEMICALS ON LIVESTOCK AND POULTRY ...Acaricides -nonspecific; Deet; Fungicides -nonspecific; Herbicides -nonspecific; Nematocides -nonspecific; Pesticide Residue Analysis; Sus; ...4.0871

BIOCHEMICAL EFFECTS OF AGRICULTURAL CHEMICALS AND CONTROL SUBSTANCE TO LIVESTOCK ...Animal Pharmacology; Bos; Domestic Animals; Herbicides -nonspecific; Poultry -nonspecific; ...4.0872

MECHANISMS OF INSECTICIDE DEGRADATION ...Animal; Cellular Catabolism-see Degrad; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0916

CHRONIC TOXICITY OF INSECTICIDES TO COLD-WATER FISH ...Animal Resistance; Contamination - Water; Fish; Pesticide Action on Animals; Temperature (water); ...4.0919

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Animal Resistance; Chemical Degradation; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Residues; Sevin; ...4.0922

BIOLOGICAL ACTIVITY OF INSECTICIDAL DERIVATIVES ...Pesticide Residues; Pesticide Safety Measures; ...4.0927

REPELLENT ADDITIVES TO REDUCE PESTICIDE HAZARDS TO HONEY BEES ...Aerosols - Smokes, Fogs, Steam; Humidity; Insects - Beneficial; Pesticide Interaction With Env; Temperature - Air; ...4.0931

PESTICIDE RESIDUES - THEIR NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND SOILS ...Herbicides and Other Chem; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticide Residues; Soil Types -also See Specifics; ...4.0935

EFFECTS OF AERIALLY DELIVERED DEFOLIANTS AND INSECTICIDES ...Defoliants; Pesticide Action on Plants; Pesticide Residues; ...4.0938

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Competition Among Thallophytes; Gibberella; Gliotoxin; Nematocides -nonspecific; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Soil Microbiology; Viridin; ...4.0945

PESTICIDE RESIDUES IN MARKETING CHANNELS ...Chlorinated Hydrocarbons; Column Chromatography; Gas Chromatography; Insect Resistance; Organophosphorous Cpds.; Zea Mays - Field Corn; ...4.0949

CHLORINATED INSECTICIDE RESIDUES IN ANIMAL PRODUCTS AND FEEDS ...Chemical Analysis; Chlorinated Hydrocarbons; Domestic Animals; Pesticide Rates -general; Pesticide Residues; Pesticide Residues in Feeds; Residues in Foods; ...4.0955

ANALYTICAL SERVICES ...Livestock -nonspecific; Pesticide Residue Analysis; Plant Tissue Analysis -chem.; ...4.0984

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Degradation; Pesticide Degradation -see Deg; Pesticide Residues; Pesticides -nonspecific; Texas; ...4.0988

METABOLISM AND TOXICITY OF ORGANOPHOSPHORUS INSECTICIDES ...Animal; Muridae; Pesticide Action on Animals; Pesticides -other; ...4.1025

MODE OF ACTION OF INSECTICIDES ...Animal; Herbicides and Other Chem; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Action on Plants; Pesticide Residue Analysis; Plant; ...4.1032

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chenopodiaceae; Chlorinated Hydrocarbons; Organophosphorous Cpds.; Plant; Rhizosphere; Soil Microbiology; Trifolium; ...4.1043

MONITORING OF PESTICIDE LEVELS IN THE GREAT LAKES ...Aquatic Ecology - Animal; Fish; Great Lakes -see Specific Lake; Lakes; Pesticide Residue Analysis; Pollution Effects -see Water; ...4.1045

DEVELOPMENT OF TECHNIQUES FOR IDENTIFICATION OF PESTICIDES AND THEIR METABOLITES BY MASS SPECTROMETRY ...Carbon; Chemical Analysis (water); Mass Spectroscopy; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.1056

MISCELLANEOUS CHEMICAL INVESTIGATIONS ...Chemical Analysis; Cirsium; Electrochemistry; Pesticide Evaluation; ...4.1067

KIT, OPERATIONS, AERIAL DISPERSAL ...Aerosols - Smokes, Fogs, Steam; Pesticide Application Equip.; ...4.1078

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Pesticide Absorption Rates; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Pesticide Toxicity - general; Plant; Plant Resistance; ...4.1079

METABOLISM OF AGRICULTURAL CHEMICALS BY RUMEN MICROORGANISMS ...Bos; Microorganism-see Cell. Catab.; Protozoa; Terramycin; ...4.1099

USE OF INSECTICIDES LABELLED WITH PHOSPHORUS-32 AND TRITIUM FOR THE DETERMINATION OF PESTICIDE RESIDUES ...Foreign Agriculture; Pesticide Residue Analysis; Phosphorus; Spain; ...4.1112

DEVELOP METHOD FOR QUANTITATIVELY CHARACTERIZING PESTICIDE DRIFT ...Formulations -nonspecific; Herbicides -nonspecific; High Speed Photography; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Application Equip.; Pesticide Drift; ...4.1116

STUDY OF THRIPS TABACI, ITS BIOLOGY AND ECOLOGY, A VIRUS VECTOR ON TOBACCO ...Animal Life History Studies; Insect Resistance; Nicotiana; Pesticide Residue Analysis; Phenols; Population Dynamics -general; ...4.1134

RADIOMIMETIC EFFECT OF DRUGS AND FOOD ADDITIVES ...Allium; Antioxidants -nonspecific; Cell Injury and Autolysis; Chemical Mutagenesis; Pathological Physiology; ...5.0033

Landrin

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Diazinon; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Chrysanthemum; Diazinon; Furadan; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Chemical Analysis; Gallus Domesticus; Laboratory Animals; Mammals -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0548

Lindane

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE; Dieldrin; Fish; Heptachlor Epoxide; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Aquatic Ecology - Animal; Dieldrin; Farm Pond; Georgia; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Plant Ecology -nonspecific; ...4.0025

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Pesticide Aquatic Cycling, Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0088

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Hu-

midity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides - see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Bioassay; DDT; Environment Accumulation Rates; Leaching; Pesticide Movement in Soils; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0129

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; DDT; Guthion; Maneb; Methoxychlor; Residues in Foods; TDE; Toxaphene; ...4.0257

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Endrin; Methoxychlor; Pesticide Residues Removal; Sus; ...4.0423

DEVELOPMENT OF THE EASTERN SPRUCE GALL APHID AND ITS CONTROL ...Animal Life History Studies; Liquids Or Sprays; Pesticide Application Rates; Pesticide Phytotoxicity; Picea; ...4.0463

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...DDT; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.0612

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Aldrin; DDT; Dieldrin; Endrin; Heptachlor; Pesticide Residues Removal; Residues in Foods; ...4.0617

REMOVAL OF PESTICIDE RESIDUES IN DAIRY PRODUCTS ...DDT; Endrin; Methoxychlor; Pesticide Residues Removal; Residues in Foods; ...4.0625

REMOVAL, IN MARKET CHANNELS, OF INSECTICIDE RESIDUES FROM MILK AND MILK PRODUCTS ...Bacillus Cereus; Chemical Analysis; Food Contamination; Microorganism-see Cell. Catab.; Physical Models; Streptococcus Lactis; ...4.0626

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...Chlorinated Hydrocarbons; DDT; Food Contamination; Laboratory Animals; Methoxychlor; Muridae; ...4.0635

TISSUE RESIDUE ACCUMULATION AND PHYSIOLOGICAL AND REPRODUCTIVE RESPONSE OF LINDANE-TREATED SWINE ...Chemical Analysis; Domestic Animals; Pesticide Residues; Sus; Tissue Accumulation Rates; ...4.0637

PESTICIDE RESIDUAL ACCUMULATION AND ELIMINATION BY SWINE ...Chemical Analysis; DDT; Malathion; Pesticide Application Rates; Sus; ...4.0643

PESTICIDE METABOLISM IN BEEF CATTLE ...Bos; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Formulation; Pesticide Residues; Pesticide Residues in Feeds; Ruelene; ...4.0670

BEE INVESTIGATIONS ...Aquifoliaceae; Climates -general; Ericaceae; Pollens -see Air Pollution; ...4.0760

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - INTERACTIONS OF ENDRIN AND ANTICONVULSANT DRUGS IN THE CEREBRAL CORTEX OF ANESTHETIZED ANIMALS ...Ceboidea; Endrin; Felidae; Pesticide Action on Animals; Pesticide Toxicity in Humans; Strigiformes; ...4.0813

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ...Bos; Domestic Animals; Food Contamination; Pesticide Residues; Residues in Foods; ...4.0849

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN LIVESTOCK AND POULTRY ...Animal Resistance; Bos; Ddvp; Gallus Domesticus; Liquids Or Sprays; Pesticides - other; Ronnel; ...4.0869

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Methoxychlor; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0973

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Methoxychlor; Pesticide Residues; Residues in Foods; Toxaphene; ...4.0976

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

COMPARISON OF NUTRIENTS OF PEANUTS FROM SOILS WITHOUT AND WITH LINDANE TREATMENT ...Arachis; Fruit Analysis; Herbicides and Other Chem; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Pesticide Phytotoxicity; Residues in Foods; ...4.1119

NUTRIENT COMPOSITION OF PEANUTS GROWN ON LINDANE TREATED SOIL ...Arachis; Irrigation; Pesticide Evaluation; Residues in Foods; ...4.1121

PESTICIDE RESIDUE ANALYSIS, KERRVILLE ...Aerosols - Smokes, Fogs, Steam; Arachnida; Ciodrin; Dursban; Pesticide Rates -general; Ronnel; ...4.1124

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Aldrin; Dieldrin; Gallus Domesticus; Home Economics; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.1126

Malaoxon

CONTROLLED GROWTH AND METABOLISM OF AVIAN CELLS ...Birds; Embryology -basic; Gallus Domesticus; Malathion; Paraoxon; Parathion; Pesticide Action on Animals; ...4.0558

PERFORMANCE OF SWINE FED PESTICIDES AND RESIDUES IN BODY TISSUE ...DDT; Heptachlor Epoxide; Malathion; Pesticide Residues in Feeds; Tissue Accumulation Rates; ...4.0642

MALATHION RESIDUES IN POULTRY MEAT AND EGGS ...Animal; Feces; Metabolites From Pesticides; Pesticide Residues Removal; Residues in Foods; ...4.1028

Malathion

LONG-TERM EFFECTS OF PESTICIDES ON AQUATIC INVERTEBRATES ...Amphipoda; Endrin; Parathion; Pesticides -see Pesticide; Sevin, ...2.1588

TOXICITY OF SELECTED METALS TO CONDITIONED FISH ...Animal Behavioral Ecology; Behavior -vertebrate; Environmental Ecology; Fish; Pesticide Action on Animals; Pollution Effects - see Water; ...2.1669

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

FATE OF PESTICIDES IN CLAY AND SOIL SYSTEMS ...Clay Soils; Diphenamid; Linuron; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0147

CHEMISTRY OF ADSORPTION OF PESTICIDES ON SOIL SILICATES ...Chromatography; Diquat; Humidity; Paraquat; Pesticide Persistance in Soils; Soil Chemical Properties; Soil pH; ...4.0157

ENCAPSULATION OF INSECTICIDES AND VIRUSES FOR CONTROL OF INSECTS ...Biological Control; Excessive Moisture; Formulations -nonspecific; Granules, Capsules; Pesticide Persistance in Soils; Pesticide Residues; ...4.0160

DEGRADATION OF ORGANOPHOSPHORUS INSECTICIDES IN SOILS ...Organophosphorous Cpds.; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Microbiology; Soil pH; Thimet; ...4.0194

DEGRADATION OF ORGANOPHOSPHORUS INSECTICIDES IN SOIL ...Metabolites From Pesticides; Microorganisms -nonspecific; Models of Biological Systems; Pesticide Persistance in Soils; Soil Microbiology, ...4.0195

ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Brassica Species; Parathion; Pesticide Application Rates; Pesticide in Food Chains; Pesticide Residues Removal; Residues in Foods; ...4.0202

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals; Furadan; Insects - Beneficial; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Air Pollution -see Specifics; Beta Particles; Fragaria; Pesticide Interaction With Env; Pesticide Residues Removal; Residues in Foods; X and Gamma Rays; ...4.0308

FATE OF MALATHION RESIDUES ON GRAIN SORGHUMS ...Bioassay; Chemical Degradation; Degradation; Pesticide Evaluation; Pesticide Residues; Radioisotopes -nonspecific; Sorghum; ...4.0318

FATE OF MALATHION RESIDUES GRAIN SORGHUMS ...Chemical Analysis; Herbicides and Other Chem; Pesticide Phytotoxicity; Plant; Temperature - Air; Zea Mays - Field Corn; ...4.0319

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

REDUCTION OR ELIMINATION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Home Economics; Metabolites From Pesticides; Organophosphorous Cpds.; Pesticide Residues Removal; Residues in Foods; ...4.0376

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Economic Losses (or Benefits); Furadan; Oleaceae; Pesticide Phytotoxicity; Population Dynamics -general; Thimet; ...4.0433

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan; Liquids Or Sprays; Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone; Prunus Domestica; Residues in Foods; ...4.0455

LABELLED PESTICIDES FOR STUDIES OF RECOVERY OF PESTICIDE RESIDUES BY SOLVENT EXTRACTION OF SPIKED & AGED CEREAL SAMPLES (ABBREV) ...British Isles; Chemical Analysis; Ddvp; Foreign Agriculture; Pesticide Residues in Feeds; Radioisotopes -nonspecific; ...4.0494

EFFECT OF PHOSPHORUS INSECTICIDES ON QUALITY OF ALFALFA HAY ...Demeton; Nitrogen and Nitrogen Cpds.; Pesticide Action on Plants; Pesticide Residues; Phosphorus and Phosphorus Cpds; Temperature - Air; Tissue Accumulation Rates; ...4.0521

EFFECT OF PESTICIDES ON MORPHOLOGY AND STRUCTURE OF LACTIC ACID ORGANISMS ...Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Dipterex; Insecticides -nonspecific; Pesticides -nonspecific; Streptococcus -nonspecific; ...4.0522

EFFECT OF MOSQUITO CONTROL CHEMICALS ON AQUATIC FAUNA ...Abate; Biological Effects; Irrigation; Oryzeae; Pesticide Evaluation; Pesticides -see Pesticide; ...4.0539

CONTROLLED GROWTH AND METABOLISM OF AVIAN CELLS ...Birds; Embryology -basic; Gallus Domesticus; Malaoxon; Paraoxon; Parathion; Pesticide Action on Animals; ...4.0558

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...Bioassays; DDT; Methoxychlor; Muridae; Nutrition; Pesticide in Food Chains; Residues in Foods; ...4.0634

EFFECT OF MALATHION AND SEVIN ON REPRODUCTIVE PERFORMANCE OF THE HEN ...Birds; Developmental Physiology; Gallus Domesticus; Pesticide Formulation; Pesticide Residues in Feeds; Sevin; ...4.0640

PERFORMANCE OF SWINE FED PESTICIDES AND RESIDUES IN BODY TISSUE ...DDT; Heptachlor Epoxide; Pesticide Residues in Feeds; Tissue Accumulation Rates; ...4.0642

PESTICIDE RESIDUAL ACCUMULATION AND ELIMINATION BY SWINE ...Chemical Analysis; DDT; Lindane; Pesticide Application Rates; Sus; ...4.0643

BIONOMICS AND CONTROL OF INSECT PESTS AFFECTING SMALL FRUITS ...Domestic Animals; Guthion; Insect Resistance; Low Volume; Methomyl; Pesticide Evaluation; Vitaceae; ...4.0673

EFFECTS OF PARATHION AND MALATHION ON WARM-WATER FISH PONDS ...Aquatic Ecology - Animal; Ictalurus Punctatus; Pesticide Action on Animals; Pesticides -see Pesticide; Temperature (water); ...4.0717

MINERAL IMBALANCE IN BLUEGILLS EXPOSED TO MALATHION PESTICIDE-INDUCED MINERAL IMBALANCE IN FISH ...Laboratory Animals; Lepomis Macrochirus; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Zinc; ...4.0727

EGG COMPOSITION, MALATHION RESIDUES, AND MEAT QUALITY OF MALATHION TREATED HENS ...Gallus Domesticus; Home Economics; Laboratory Animals; Metabolites From Pesticides; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0777

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...DDT; Iodine; Muridae; Pesticide Rates -general; . 4.0778

PHOSPHOROUS INSECTICIDES EFFECT ON SULFATE FIXATION ...Calcium Sulfamate; Laboratory Animals; Muridae; Nutrition; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0851

THE TOXICOLOGICAL ACTION OF ORGANOPHOSPHATES AND CARBAMATES ...Air Pollution -see Specifics; Chemical Carcinogenesis; Experimental Teratology; Laboratory Animals; Muridae; Pesticide Action on Animals; Sevin; ...4.0881

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Domestic Animals; Food Contamination; Gallus Domesticus; Organophosphorous Cpds.; Pesticide Residues; Pesticide Residues Removal; Residues in Foods; ...4.0909

INSECTICIDES AND REPRODUCTION OF COTURNIX QUAIL ...Chemical Mutagenesis; DDT; Genetic Resistance; Laboratory Animals; Pesticide Tolerance Rate; Quail; ...4.0912

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Carbamates -nonspecific; DDE; Diazinon; Home Economics; Organophosphorous Cpds.; Pesticide Residues; Physical Degradation; TDE; ...4.0963

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Calification -vertebrate; DDT; Dibromoethane; Food Contamination; Pesticide Residues; Sevin; Tissue Accumulation Rates; ...4.0989

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Labiatae; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

EFFECTS OF PESTICIDES USED IN DAIRY INDUSTRY ...Bacterial Morphology; Lactobacillus Sp; Pesticide in Food Chains; Product Development Research; Streptococcus -nonspecific; ...4.0997

INSECTICIDE RESIDUES FROM EXPERIMENTAL TREATMENTS TO PREVENT OR CONTROL INSECTS IN STORED PRODUCTS ...Bromine; Chlorine; Food Contamination; Pesticide Residues; Piperonyl Butoxide; ...4.1019

MALATHION RESIDUES IN POULTRY MEAT AND EGGS ...Animal; Feces; Malaoxon; Metabolites From Pesticides; Pesticide Residues Removal; Residues in Foods; ...4.1028

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analysis; D, 2,4-; Diazinon; Gas Chromatography; Methoxychlor; Ponds; Thin Layer Chromatography; ...4.1061

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Heptachlor; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

Mca-600

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Baytex; Dursban; Imidan; Pesticide Evaluation; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.0602

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

GASTROINTESTINAL ABSORPTION OF AGRICULTURAL CHEMICALS IN ANIMALS ...Animal; Carbon; Domestic Animals; Sevin; ...4.1098

METABOLISM OF AGRICULTURAL CHEMICALS BY RUMEN MICROORGANISMS ...Bos; Insecticides -nonspecific; Microorganism-see Cell. Catab.; Protozoa; Terramycin; ...4.1099

METABOLIC FATE OF PESTICIDES IN ANIMALS ...Animal; Capra; Feces; Ovis; Pesticide Application Rates; Urine; ...4.1100

Meta - Systox

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates; Dieldrin; Disulfoton; Granules, Capsules; Ornamentals; Pesticide Action on Plants; Pesticide Interaction With Env; Temporal Distribution; ...4.0289

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Economic Losses (or Benefits); Furadan; Malathion; Oleaceae; Pesticide Phytotoxicity; Population Dynamics -general; Thimet; ...4.0433

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates; Arachnida; Biological Control; Chlorinated Hydrocarbons; Dimethoate; Pesticide Evaluation; Sevin; ...4.0809

Methomyl

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies, Biological Control; Diazinon; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

DEVELOPMENT OF SAFE & EFFECTIVE MATERIALS FOR MANAGEMENT OF WESTERN FOREST INSECT POPULATIONS ...Aerosols - Smokes, Fogs, Steam; Bioassay; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Translocation; ...4.0220

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Chrysanthemum; Diazinon; Furadan; Landrin; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

CONTROL OF NEMATODES IN NURSERIES AND ON PLANT MATERIALS ...Aliphatic Carbamates; Nematoda; Pesticide Evaluation; Pesticides -other; V-c 13; ...4.0239

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Cyclodiene Cpds. -nonspecific; Disulfoton, Dyphonate; Gardona; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

BIOLOGY AND CONTROL OF INSECT AND OTHER PESTS OF CUT FLOWERS ...Acaricides -nonspecific; Azodrin; Chrysanthemum; Fungicides -nonspecific; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; ...4.0258

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Azodrin; Disulfoton; Granules, Capsules; Nemacur P; Pesticide Evaluation; Pesticides -other; Supracide; Zinophos; ...4.0264

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

CHEMICAL CONTROL OF NEMATODE ROOT ROT COMPLEX OF SHADE-GROWN TOBACCO ...Aliphatic Carbamates; Furadan; Natural N-fixation -other; Nicotiana; Vorlex; ...4.0282

INSECTS AFFECTING THE APPLE ...Animal Life History Studies; Biological Control; Guthion; Insect Chemosterilants -ns.; Monitor; Pesticide Evaluation; Pesticide Phytotoxicity; Torak; ...4.0334

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Bacillus Thuringiensis; Biological Control; Convolvulaceae; Furadan; Liquids Or Sprays; Monitor; Pesticide Evaluation; Thuricide; ...4.0354

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Azodrin; Dusts; Gc 6506; Granules, Capsules; Hercules 13462; Pesticide Phytotoxicity; Plant Population Dynamics -gen; ...4.0363

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel, Thuricide; Zea Mays - Field Corn; ...4.0399

SEASONAL OCCURRENCE AND CONTROL OF THE CORN EARWORM IN THE VALLEY ...Animal Life History Studies; Economics of Chemical Control; Helminthosporium; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics - general; Vegetables; ...4.0406

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0429

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS ...Aliphatic Carbamates; Bacillus Thuringiensis; Chlorphenamidine; Furadan; Pesticide Application Equip.; Pesticide Residues; Thuricide; ...4.0444

EFFECT OF PESTICIDES ON APICULTURE ...Abate; Chlorphenamidine; Dipterex; Insects - Beneficial; Temperature - Air; Toxaphene; ...4.0561

IDENTIFICATION, BIOLOGY AND CONTROL OF INSECTS ATTACKING SWEET CORN ...Animal Life History Studies; Biological Control; Gardona; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Zea Mays - Field Corn; ...4.0585

BIONOMICS AND CONTROL OF INSECT PESTS AFFECTING SMALL FRUITS ...Domestic Animals; Guthion; Insect Resistance, Low Volume; Pesticide Evaluation; Vitaceae; ...4.0673

BIOLOGY AND CONTROL OF ARTHROPODS ON SOYBEANS ...Aliphatic Carbamates; Arachnida; Biological Control; Insect Resistance; Pesticide Evaluation; Population Dynamics -general; ...4.0843

CORN EARWORM CONTROL ...Bay 93820; Chlorphenamidine; Pesticide Phytotoxicity; Sevin; Zea Mays - Field Corn; ...4.0898

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

Methoxychlor

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Iodine; Ms-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

PESTICIDE APPLICATION EQUIPMENT IN RELATION TO DRIFT OF PESTICIDE AND PEST CONTROL ...Cab-o-sil; Dyes -nonspecific; Medicago; Nozzles; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; ...4.0009

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Algae -nonspecific; Aquatic Ecology - Animal; Cichlidae; Fish; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Water Pollutants - Path of; ...4.0029

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; DDT; Guthion; Maneb; Residues in Foods; TDE; Toxaphene; ...4.0257

INVESTIGATIONS OF ALFALFA INSECTS, THEIR BIOLOGY AND CONTROL ...Animal Life History Studies; Furadan; Pesticide Evaluation; Pesticide Residues in Feeds; Supracide; ...4.0353

DUTCH ELM DISEASE ..Benlate; Biological Control; Fungal Resistance; Ornamentals; Pesticide Evaluation; Pesticide Residues; ...4.0358

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Endrin; Pesticide Residues Removal; Sus; ...4.0423

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Bioassay; Estuaries; Nutrition; Pesticide Action on Animals; Pesticide Application Rates; ...4.0545

PESTICIDE RESIDUES IN PLANTS, ANIMALS AND SOILS ...Animal; Carbamates -nonspecific; DDT; Difolatan; Laboratory Animals; Muridae; Pesticide Persistance in Soils; Phaltan; ...4.0556

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aldrin; Aramite; Chemical Analysis; Dieldrin; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0592

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ...DDT; Lindane; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.0612

REMOVAL OF PESTICIDE RESIDUES IN DAIRY PRODUCTS ...DDT; Endrin; Lindane; Pesticide Residues Removal; Residues in Foods; ...4.0625

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...Bioassays; DDT; Malathion; Muridae; Nutrition; Pesticide in Food Chains; Residues in Foods; ...4.0634

PHYSIOLOGICAL RESPONSE TO DIETS WITH DIFFERENT FATS AND INSECTICIDES ..Chlorinated Hydrocarbons; DDT; Food Contamination; Laboratory Animals; Lindane; Muridae; ...4.0635

EFFECT OF INSECTICIDES IN FEED ON GROWTH, BODY STORES, AND REPRODUCTION OF SHEEP ...Domestic Animals; Home Economics; Ovis; Pesticide Action on Animals; Pesticide Residues; ...4.0641

FIELD STUDIES OF PESTICIDE EFFECTS ON FISHES ...Animal Productivity; Bioassay; Environmental Physiology; Pesticide Action on Animals; Physiological Effects; ...4.0662

THE EFFECTS OF METHOXYCHLOR ON PERCH AND FATHEAD MINNOWS ...Aquatic Ecology - Animal; Bioassay; Minnows; Pesticide Action on Animals; Stocking of Fish & Shellfish; ...4.0678

EFFECTS OF METHOXYCHLOR ON FISH ...Benthic Organisms - nonspecific; Bioassay; Fish; Pesticide Action on Animals; ...4.0679

SERUM ANALYSIS OF CUTTHROAT TROUT EXPOSED CHRONICALLY TO METHOXYCHLOR PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Chlorine; Fish; Pesticide Action on Animals; Salmo Clarki; ...4.0701

FISH REPRODUCTION AS AFFECTED BY ORGANOCHLORINE INSECTICIDES ...Captive Rearing; Chlordan; Dieldrin; Laboratory Animals; Pesticide Residues; ...4.0722

UPTAKE, DEGRADATION, AND RETENTION OF C14-METHOXYCHLOR IN INVERTEBRATE POPULATIONS ...Animal Productivity; Bioassay; Crustacea; Invertebrate Physiology; Pesticide Action on Animals; ...4.0739

METHOXYCHLOR-CAUSED EFFECTS ON CUTTHROAT TROUT PHYSIOLOGY - CHRONIC TOXICITY OF INSECTICIDES TO COLD-WATER FISH ...Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Salmo Clarki; Wyoming; ...4.0740

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...DDT; Iodine; Malathion; Muridae; Pesticide Rates -general; ...4.0778

EFFECTS OF PESTICIDES ON INSECTS, MITES, AND PREDACEOUS ARTHROPODS IN APPLE ORCHARDS ...Arachnida; Foreign Agriculture; Insects - Beneficial; Pesticide Action on Animals; Pesticide Toxicity in Animals; Population Dynamics -general; Temperature - Air; ...4.0838

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ...Bos; Domestic Animals; Food Contamination; Lindane; Pesticide Residues; Residues in Foods; ...4.0849

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Lindane; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0973

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Pesticide Residues; Residues in Foods; Toxaphene; ...4.0976

INSECTICIDAL RESIDUES ...Carbon; Diazinon; Medicago; Pesticide Application Rates; Pesticide Persistance in Soils; Plant; Soil Microbiology; ...4.0985

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analysis; D, 2,4-; Diazinon; Gas Chromatography; Malathion; Ponds; Thin Layer Chromatography; ...4.1061

RESIDUE OF PESTICIDES - NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND ENVIRONMENT ...DDE; DDT; Laboratory Animals; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues; Sevin; ...4.1070

Methyl Parathion

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Biological Control; Chlorobenzilate; Chlorphenamidine; Economic Losses (or Benefits); Medicago; Pesticide Application Rates; Pesticide Evaluation; Toxaphene; ...4.0010

A STUDY ON THE FEASIBILITY OF LOW VOLUME APPLICATION OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Emulsifiers; Liquids Or Sprays; Low Volume; Pesticide Application Equip.; Pesticide Evaluation; Strobane; ...4.0044

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

BIOLOGICAL CONTROL OF HELIOTHIS ZEA ATTACKING COTTON ...Animal Distribution; Biological Control; Pesticide Evaluation; Population Dynamics -general; ...4.0221

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; DDT; Guthion; Maneb; Methoxychlor; Residues in Foods; TDE; Toxaphene; ...4.0257

CONTROL OF ARTHROPOD PESTS OF COTTON ...Animal Resistance; Costs -see Economics Entries; Gossypium; Pesticide Action on Plants; Pesticide Persistance in Soils; Pesticides Compatibility; Toxaphene; ...4.0425

THE DEGRADATION OF INSECTICIDES UNDER VERMONT CONDITIONS ...Pesticide Drift; Pesticide Residues; Pesticide Residues in Feeds; Pesticides -other; Tetradifon; ...4.0499

TOLERANCE OF ORGANIC PHOSPHATES IN MAN ...Ethion; Guthion; Pesticide Toxicity in Humans; Phosdrin; Toxicology; Trithion; ...4.0569

IDENTIFICATION, BIOLOGY AND CONTROL OF INSECTS ATTACKING SWEET CORN ...Animal Life History Studies; Biological Control; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Zea Mays - Field Corn; ...4.0585

COMMUNITY STUDY ON PESTICIDES ...Air Pollution -see Specifics; DDT; Occupational Hazards; Parathion; Pesticide Rates -general; Pesticide Toxicity in Humans; Toxicology; ...4.0686

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPP. IN COTTON ...Bacillus Thuringiensis; Biological Control; DDT; Insect Resistance; Population Dynamics -general; Toxaphene; ...4.0689

BIOLOGICAL AND INTEGRATED CONTROL OF COTTON INSECTS ...Animal Habitat Studies; Biological Control; Gossypium; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; ...4.0690

EFFECT OF CHEMICALS ON BENEFICIAL INSECTS ...Arachnida; Biological Control; Granules, Capsules; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0692

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Guthion; Medicago; Nemacur P; Pesticide Application Rates; Pesticide Residues; Phosvel; Sevin; ...4.0759

BIOLOGY AND CONTROL OF THE ALFALFA WEEVIL ...Animal Life History Studies; Ethyl Parathion; Guthion; Insects - Beneficial; Pesticide Evaluation; Sevithion; ...4.0880

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Animal Resistance; Chemical Degradation; Insecticides -nonspecific; Or-

ganophosphorous Cpds.; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Residues; Sevin; ...4.0923

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Pesticide Persistence in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination -other; Urine; ...4.0987

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Parathion; Pesticide Persistence in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPECIES IN COTTON AND OTHER HOST PLANTS ...Aliphatic Carbamates; Animal Resistance; DDT; Insect Resistance; Pesticides -other; Sevin; ...4.1037

ECONOMICS OF PERSISTENT INSECTICIDE RESIDUES ...Degradation; Environment Accumulation Rates; Ericaceae; Literature Search; Pesticide Residues; Phenols; ...4.1050

PESTICIDAL RESIDUES OF AGRICULTURAL CHEMICALS ...Furadan; Guthion; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Residues in Feeds; Pheasant; ...4.1072

SEVIN PARATHION ANALYSIS ...Chemical Analysis; Pesticide Application Rates; Pesticide Residues; Pesticide Residues in Foods; Pesticide Safety Measures; Sevin; ...4.1073

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

ANALYTICAL METHODS FOR PESTICIDES AND PESTICIDE DEGRADATION PRODUCTS ...Bus; Degradation -see Pesticide Deg. Parathion; Pesticide Persistance in Soils; Pesticide Residues; Sumithion; ...4.1103

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Chenopodiaceae; Dieldrin; Dimethoate; Insect Resistance; Parathion; Pesticide Residues; Sorghum; Triticum; ...4.1115

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

Mocap

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Carawei; Ferns; Iridaceae; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

BIONOMICS OF THE PLANT NEMATODE TRICHODORUS CHRISTIEI ...Aliphatic Carbamates; Chrysanthemum; Ornamentals; Pesticide Evaluation; Population Dynamics -general; Zinophos; ...4.0266

EVALUATION OF CHEMICAL COMPOUNDS AS NEMATOCIDES ...Bayer 25141; Nematoda; Pesticide Phytotoxicity; Population Dynamics -general; Vegetables; ...4.0294

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

BIOLOGICAL DEGRADATION OF AGRICULTURAL INSECTICIDES ...Azodrin; Biodegradation; Chemical Analysis; Metabolites From Pesticides; Phosphamidon; ...4.1042

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1068

Monitor

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Chrysanthemum; Diazinon; Furadan; Landrin; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

INSECTS AFFECTING THE APPLE ...Animal Life History Studies; Biological Control; Guthion; Insect Chemosterilants -ss.; Pesticide Evaluation; Pesticide Phytotoxicity; Torak; ...4.0334

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Bacillus Thuringiensis; Biological Control; Convolvulaceae; Furadan; Liquids Or Sprays; Pesticide Evaluation; Thuricide; ...4.0354

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0429

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS ...Aliphatic Carbamates; Bacillus Thuringiensis; Chlorphenamidine; Furadan; Methomyl; Pesticide Application Equip.; Pesticide Residues; Thuricide; ...4.0446

BIOLOGY AND CONTROL OF ARTHROPODS ON APPLES ...Acaricides -nonspecific; Animal Life History Studies; Biological Control; Chlorphenamidine; Pesticide Evaluation; Phosfolone; ...4.0475

EFFECT OF PESTICIDES ON APICULTURE ...Abate; Chlorphenamidine; Dipteres; Insects - Beneficial; Methomyl; Temperature - Air; Toxaphene; ...4.0561

BIOLOGY AND CONTROL OF ARTHROPODS ON SOYBEANS ...Aliphatic Carbamates; Arachnida; Biological Control; Insect Resistance; Methomyl; Pesticide Evaluation; Population Dynamics - general; ...4.0843

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bus-ten; Disulfoton; Guthion; Nicotine; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...4.1036

Mytrol

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. -ss (1 Or; Fore ; Kelthane; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida; Formetanate; Guthion; Imidan; Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

Neo-pynamin

PARASITES OF POULTRY, BIOLOGY, DISTRIBUTION AND CONTROL ...Aerosols - Smokes, Fogs, Steam; Arachnida; Chloropropylate; Pesticide Evaluation; ...4.0841

Nicotine

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bus-ten; Disulfoton; Guthion; Monitor; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...4.1036

Paris Green

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

Phosvel

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Cyclodiene Cpds. -nonspecific; Disulfoton; Dyphonate; Gardona; Methomyl; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

INSECTS AFFECTING THE APPLE ...Animal Life History Studies; Biological Control; Guthion; Insect Chemosterilants -ns.; Monitor; Pesticide Evaluation; Pesticide Phytotoxicity; Torak; ...4.0334

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds. -nonspecific; Population Dynamics -general; Torak; ...4.0347

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Thuricide; Zea Mays - Field Corn; ...4.0399

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Baytex; Dursban; Imidan; Mca-600; Pesticide Evaluation; Pesticide Residues; Tissue Accumulation Rates; ...4.0602

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Guthion; Medicago; Nemacur P; Pesticide Application Rates; Pesticide Residues; Sevin; ...4.0789

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Thimet; ...4.0911

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Chemical Analysis; Feces; Metabolites From Pesticides; Pesticide Rates -general; Pesticide Residues; Tissue Accumulation Rates; ...4.1026

Piperonyl Butoxide

LIVESTOCK WASTE MANAGEMENT ...Carbamates -nonspecific; Furadan; Organophosphorous Cpds.; Pesticide Residues Removal; Plant; Residues in Foods; ...3.0134

METABOLISM AND PHYSIOLOGICAL ASPECTS OF INGESTED HYDROCARBONS ...Chemical Carcinogenesis; Co-carcinogenesis; Digestive System - Human; Laboratory Animals; Muridae; Pesticide Action on Animals; ...4.0781

EFFECT OF METHYLENEDIOXYPHENYL SYNERGISTS AND RELATED COMPOUNDS ON MICROSOMAL DRUG METABOLIZING ENZYMES ...Environmental Effects - Human; Laboratory Animals; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Toxic Substances; Toxicology; ...4.0782

METABOLISM OF PESTICIDAL SYNERGISTS ...Carbon; Feces; Metabolites From Pesticides; Pesticide Action on Animals; Toxicology; ...4.0790

PESTICIDES AND PESTICIDAL SYNERGISTS STUDIES IN PREGNANT HAMSTERS ...Aldrin; Cricetus; Dieldrin; Endrin; Experimental Teratology; Laboratory Animals; Toxicology; ...4.0795

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Respiration; Vegetables; ...4.0937

INSECTICIDE RESIDUES FROM EXPERIMENTAL TREATMENTS TO PREVENT OR CONTROL INSECTS IN STORED PRODUCTS ...Bromine; Chlorine; Food Contamination; Malathion; Pesticide Residues; ...4.1019

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1076

EFFECT OF ENVIRONMENTAL PARAMETERS ON PESTICIDAL STABILITY ...Degradation; Environmental Effects - Human; Metabolites From Pesticides; Radiation Sources - general; Toxic Substances; ...4.1087

Pyrethrum

LIVESTOCK WASTE MANAGEMENT ...Carbamates -nonspecific; Furadan; Organophosphorous Cpds.; Pesticide Residues Removal; Plant; Residues in Foods; ...3.0134

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals; Furadan; Insects - Beneficial; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; ...4.0233

SURVEY OF NEW COMPOUNDS AND MIXTURES FOR BIOLOGICAL ACTIVITY ...Acer Species; Concentrates; Liquids Or Sprays; Pesticide Evaluation; Pesticide Safety Measures; Shp 1382; ...4.0397

MODE OF ACTION OF INSECTICIDES AS RELATED TO INSECT METABOLISM AND BEHAVIOR ...Animal Resistance; Chlordan; DDT; Fish; Pesticide Application Rates; Salvelinus; ...4.0682

PARASITES OF POULTRY, BIOLOGY, DISTRIBUTION AND CONTROL ...Aerosols - Smokes, Fogs, Steam; Arachnida; Chloropropylate; Neo-pynamin; Pesticide Evaluation; ...4.0841

FATE OF INSECTICIDE CHEMICALS IN RELATION TO NONPERSISTENCE AND SPECIES SPECIFICITY ...Allethrin; Buxton; Metabolites From Pesticides; Pesticide Residue Analysis; ...4.0926

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bromine; Carbon; Developmental Physiology; Genetic Resistance; Hydrogen; Organophosphorous Cpds.; Pesticide Action on Plants; ...4.0999

CLEARANCE OF SAFE EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1076

Ronnel

MINERAL INTERACTIONS WITH PESTICIDES ...Domestic Animals; Metabolites From Pesticides; Pesticide Action on Animals; Urine; ...4.0856

EFFECT OF CHARCOAL ON PESTICIDE RESIDUES AND ON NUTRIENT UTILIZATION IN RUMINANTS ...Bos; Chemical Analysis; Domestic Animals; Pesticide Residues in Feeds; Pesticide Residues Removal; Tissue Accumulation Rates; ...4.0859

NEUROLOGICAL EFFECTS OF PESTICIDES IN DOMESTIC ANIMALS ...BHC; Cricetus; Dieldrin; Dursban; Heptachlor; Meliagris; Paraquat; Pesticide Residues Removal; Sus; ...4.0868

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN LIVESTOCK AND POULTRY ...Animal Resistance; Bos; Ddvp; Gallus Domesticus; Liquids Or Sprays; Pesticides - other; ...4.0869

PESTICIDE RESIDUE ANALYSIS, KERRVILLE ...Aerosols - Smokes, Fogs, Steam; Arachnida; Ciodrin; Dursban; Lindane; Pesticide Rates -general; ...4.1124

Ruelene

EFFECT OF RUELENE (REG. TRADEMARK) ON EMBRYONIC DEVELOPMENT ...Bos; Chemical Analysis; Developmental Physiology; Domestic Animals; Experimental Teratology; Pesticide Residues; ...4.0644

METABOLISM OF PESTICIDES BY BEEF CATTLE ...Aldrin; DDT; Feces; Pesticide Action on Animals; Pesticide Safety Measures; TDE; Urea Cpds. -nonspecific; Vertebrate Anatomy; ...4.0645

PESTICIDE METABOLISM IN BEEF CATTLE ...Bos; Lindane; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Formulation; Pesticide Residues; Pesticide Residues in Feeds; ...4.0670

ORGANIC PHOSPHATE SYSTEMIC INSECTICIDES AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Bos; Coumaphos; Domestic Animals; Pesticide Action on Animals; Pesticide Application Rates; ...4.0750

ORGANIC PHOSPHATE SYSTEMIC INSECTICIDES AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Bos; Coumaphos; Developmental Physiology; Domestic Animals; Pesticide Action on Animals; ...4.0751

CO-RAL, RUELINE AND EMBRYONIC SURVIVAL AND DEVELOPMENT IN THE BOVINE ...Bos; Coumaphos; Developmental Physiology; Domestic Animals; ...4.0753

THE BIOLOGY AND CONTROL OF ARTHROPODS AFFECTING MAN AND ANIMALS ...Baytex; Bos; Cythioate; Gardona; Pesticide Action on Animals; Pesticide Evaluation; Rabbits; ...4.0824

Ryanodine

SURVEY OF NEW COMPOUNDS AND MIXTURES FOR BIOLOGICAL ACTIVITY ...Acer Species; Concentrates; Liquids Or Sprays; Pesticide Evaluation; Pesticide Safety Measures; Pyrethrum; Shp 1382; ...4.0397

Shp 1382

SURVEY OF NEW COMPOUNDS AND MIXTURES FOR BIOLOGICAL ACTIVITY ...Acer Species; Concentrates; Liquids Or Sprays; Pesticide Evaluation; Pesticide Safety Measures; Pyrethrum; ...4.0397

Sevin

LONG-TERM EFFECTS OF PESTICIDES ON AQUATIC INVERTEBRATES ...Amphipoda; Endrin; Parathion; Pesticides -see Pesticide; ...2.1588

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Biological Control; Chlorobenzilate; Chlorphenamidine; Economic Losses (or Benefits); Medicago; Pesticide Application Rates; Pesticide Evaluation; Toxaphene; ...4.0010

AN EVALUATION OF THE INSECTICIDE 'SEVIN' AS A WATERSHED POLLUTANT ...Environment Accumulation Rates; New York; Pesticide Residues; Population Dynamics - general; Soil Types -also See Specifics; Water Pollutants - Path of; ...4.0057

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Agritox; Baygon; Chlordan; Dieldrin; Pesticide Application Rates; Pesticide Formulation; Pesticide Residues; Plant Phenology; ...4.0150

PESTICIDE DETOXICATION MECHANISMS OF MICROORGANISMS IN SOIL AND WATER ...Bacterial Identification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Maloran; Pesticide Degradation -see Deg; Soil Fungi -nonspecific; Soil Microbiology; ...4.0166

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Thiodan; ...4.0219

BIOLOGICAL CONTROL OF HELIOTHIS ZEA ATTACKING COTTON ...Animal Distribution; Biological Control; Methyl Parathion; Pesticide Evaluation; Population Dynamics -general; ...4.0221

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; DDT; Guthion; Maneb; Methoxychlor; Residues in Foods; TDE; Toxaphene; ...4.0257

INSECT PESTS OF CUCURBIT CROPS ...Dieldrin; Granules, Capsules; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Temperature - Air; ...4.0307

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Arthropods; Ethion; Organophosphorous Cpds.; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Trithion; ...4.0403

SEASONAL OCCURRENCE AND CONTROL OF THE CORN EARWORM IN THE VALLEY ...Animal Life History Studies; Economics of Chemical Control; Heliminthosporium; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics - general; Vegetables; ...4.0406

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUECURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; TDE; ...4.0429

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Absorption (incl. Adsorption); Captan; Chlorophyll; Dieldrin; Metabolites From Pesticides; Photosynthesis; Respiration; Translocation; ...4.0443

TRANSFORMATION OF INSECTICIDES BY PLANTS ...Carbon; Chemical Analysis; Dieldrin; Pesticide Action on Plants; Pesticide in Food Chains; Phaseolus; Plant; ...4.0467

EFFECT OF PESTICIDES ON MORPHOLOGY AND STRUCTURE OF LACTIC ACID ORGANISMS ...Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Dipterex; Insecticides -nonspecific; Malathion; Pesticides -nonspecific; Streptococcus -nonspecific; ...4.0522

LIPOLYSIS OF MILK AND OTHER ANIMAL FATS AS INFLUENCED BY PESTICIDE RESIDUES ...DDT; Food Contamination; Parathion; Pesticide Formulation; Pesticide Rates - general; ...4.0582

RESPONSE OF RATS TO DIETS CONTAINING MULTIPESTICIDE COMPONENTS ...DDT; Muridae; Parathion; Pesticide Interaction -gen.; Zinc; ...4.0615

EFFECT OF MALATHION AND SEVIN ON REPRODUCTIVE PERFORMANCE OF THE HEN ...Birds; Developmental Physiology; Gallus Domesticus; Malathion; Pesticide Formulation; Pesticide Residues in Foods; ...4.0640

BIOLOGICAL AND INTEGRATED CONTROL OF COTTON INSECTS ...Animal Habitat Studies; Biological Control; Gossypium; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; ...4.0690

UPTAKE, PERSISTENCE AND METABOLITES OF SEVIN BY CHANNEL CATFISH ...Ictalurus Punctatus; Pesticide Action on Animals; Pesticides -see Pesticide; Water Pollution Effects; ...4.0718

FIELD AND LABORATORY INVESTIGATIONS OF INSECTICIDES ...Animal Resistance; Endrin; Pesticide Application Rates; Pesticide Formulation; Residues in Foods; Triticum; ...4.0757

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Guthion; Medicago; Nemacur P; Pesticide Application Rates; Pesticide Residues; Phosvel; ...4.0759

CONTROL OF APPLE INSECT PESTS WITH REDUCED SPRAY SCHEDULES ...Gardona; Liquids Or Sprays; Pesticide Drift; Pesticide Persistance in Soils; ...4.0765

STUDY OF HONEY BEES AND OTHER POLLINATING INSECTS AND PESTICIDE CHEMICAL MATERIALS ...Foreign Agriculture; Insects - Beneficial; Liquids Or Sprays; Poland; ...4.0771

MECHANISMS OF ADAPTATION OF ORGANISMS TO PESTICIDES ...Animal; Ddvp; Genetic Resistance; Pesticide Action on Animals; ...4.0799

METABOLIC FATE OF AGRICULTURAL CHEMICALS IN POULTRY ...Carbon; Chemical Analysis; Domestic Animals; Gallus Domesticus; Metabolites From Pesticides; Pesticide Action on Animals; Residues in Foods; ...4.0804

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates; Arachnida; Biological Control; Chlorinated Hydrocarbons; Dimethoate; Meta - Systox; Pesticide Evaluation; ...4.0809

NEW OR IMPROVED TECHNIQUES FOR SAFE CHEMICAL CONTROL OF ECTOPARASITES OF DOMESTIC ANIMALS ...Aerosols - Smokes, Fogs, Steam; Ddvp; Felidae; Impregnated Materials-products; Pesticide Evaluation; Pesticide Interaction - gen.; ...4.0823

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Estuaries; Marine Animals; Pesticide Action on Animals; Pesticide Toxicity in Animals; Physical Models; Pollution Effects -see Water; ...4.0825

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Animal Resistance; Bos; Herbicides and Other Chem; Mammals -nonspecific; Pesticide Action on Plants; Pesticide Residues; ...4.0860

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...Bidrin; DDT; Economics of Chemical Control; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; Strobane; Toxaphene; ...4.0865

THE TOXICOLOGICAL ACTION OF ORGANOPHOSPHATES AND CARBAMATES ...Air Pollution -see Specifics; Chemical Carcinogenesis; Experimental Teratology; Laboratory Animals; Muridae; Pesticide Action on Animals; ...4.0881

CORN EARWORM CONTROL ...Bay 93820; Chlorphenamidine; Methomyl; Pesticide Phytotoxicity; Zea Mays - Field Corn; ...4.0898

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Animal Resistance; Chemical Degradation; Insecticides -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Residues; ...4.0922

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Temperature - Air; ...4.0941

PESTICIDE RESIDUES AND METABOLITES ...Arachis; Gas Chromatography; Pesticide in Food Chains; Pesticide Residue Analysis; Pesticide Tolerance Rate; ...4.0942

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Calification -vertebrate; DDT; Dibromoethane; Food Contamination; Malathion; Pesticide Residues; Tissue Accumulation Rates; ...4.0989

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Pyrus Malus; ...4.0990

NORTHWEST TREE FRUIT INSECTS ...Acaricides -nonspecific; Arachnida; DDT; Insect Resistance; Invertebrate Physiology; Pesticide Action on Animals; Pesticide Residues; Radiation Sources -general; ...4.0993

PSEUDOCHOLINETERASE ACTIVITY AS AFFECTED BY MODERN AGRICULTURAL CHEMICALS ...Bioassay; Carbamates -nonspecific; Chlorinated Hydrocarbons; Food Contamination; Pesticide in Food Chains; ...4.1023

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sus; Thimet; Water Quality Control -general; ...4.1024

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Animal Life History Studies; Furadan; Pesticide Evaluation; Population Dynamics -general; ...4.1030

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bux-ten; Disulfoton; Guthion; Monitor; Nicotine; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...4.1036

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPECIES IN COTTON AND OTHER HOST PLANTS ...Aliphatic Carbamates; Animal Resistance; DDT; Insect Resistance; Methyl Parathion; Pesticides -other; ...4.1037

EQUIPMENT AND METHODS FOR DECONTAMINATION AND DISPOSAL OF PESTICIDES AND PESTICIDE CONTAINERS ...Combustion; Formulations -nonspecific; Incineration; Nitrification; Pesticide Degradation -see Deg. Waste Water Degradation; ...4.1052

A STUDY OF THE HORTICULTURE SPECIALTY INDUSTRY IN MISSISSIPPI ...Brassica Species; Dacthal; Lycopersicum; Residues in Foods; Trifluralin; ...4.1053

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analysis; D, 2,4-; Diazinon; Gas Chromatography; Malathion; Methoxychlor; Ponds; Thin Layer Chromatography; ...4.1061

RESIDUE OF PESTICIDES - NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND ENVIRONMENT ...DDE; DDT; Laboratory Animals; Metabolites From Pesticides; Methoxychlor; Pesticide Action on Animals; Pesticide Residues; ...4.1070

SEVIN PARATHION ANALYSIS ...Chemical Analysis; Methyl Parathion; Pesticide Application Rates; Pesticide Residues; Pesticide Residues in Feeds; Pesticide Safety Measures; ...4.1073

GASTROINTESTINAL ABSORPTION OF AGRICULTURAL CHEMICALS IN ANIMALS ...Animal; Carbon; Domestic Animals; Mca-600; ...4.1098

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

METHODS OF ANALYSIS FOR PESTICIDES, YAKIMA ...Aliphatic Carbamates; Chemical Analysis; Furadan; Gas Chromatography; Metabolites From Pesticides; Pesticide Persistance in Soils; ...4.1130

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Bos; Copper; Iodine; Laboratory Animals; Muridae; Radiation Effects; Sus; X and Gamma Rays; ...5.0246

Sevithion

BIOLOGY AND CONTROL OF THE ALFALFA WEEVIL ...Animal Life History Studies; Ethyl Parathion; Guthion; Insects - Beneficial; Pesticide Evaluation; ...4.0880

Strobane

A STUDY ON THE FEASIBILITY OF LOW VOLUME APPLICATION OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay; Emulsifiers; Liquids Or Sprays; Low Volume; Methyl Parathion; Pesticide Application Equip.; Pesticide Evaluation; ...4.0044

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...Bidrin; DDT; Economics of Chemical Control; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; Toxaphene; ...4.0865

Sulfoxide

ORGANIC PHOSPHATE RESIDUE IN DAIRY COWS ...Animal; Domestic Animals; Muridae; Pesticide Residues; Tissue Accumulation Rates; ...4.0885

Sumithion

RESPONSES OF DAIRY CATTLE FED FEEDSTUFFS CONTAINING RESIDUES OF CERTAIN AGRICULTURAL CHEMICALS ...Baytex; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0601

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Baytex; Dursban; Imidan; Mca-600; Pesticide Evaluation; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.0602

RESIDUES IN MILK FROM COWS FED INSECTICIDE-CONTAMINATED FORAGE ...Bos; Insect Resistance; Pesticide Action on Animals; Pesticide Residues; Phosphorothioate Cpds.; ...4.0603

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Chemical Analysis; Feces; Metabolites From Pesticides; Pesticide Rates -general; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.1020

ANALYTICAL METHODS FOR PESTICIDES AND PESTICIDE DEGRADATION PRODUCTS ...Bos; Degradation -see Pesticide Deg; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; ...4.1103

TDE

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE; Dieldrin; Fish; Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; Water Quality -general; ...2.0797

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; ...2.1590

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Biological Effects; Cellular Catabolism-see Degrad; DDT; Dieldrin; Lake Michigan; Microorganism-see Cell. Catab.; Pesticide Residue Analysis; Pesticide Residues Removal; ...4.0075

RESIDUES OF SELECTED PESTICIDES - NATURE, DISTRIBUTION, PERSISTENCE IN PLANTS, ANIMALS & PHYSICAL ENVIRONMENTS ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Monitoring Systems; Pesticide Application Rates; Plant; ...4.0083

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides - see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; DDT; Guthion; Maneb; Methoxychlor; Residues in Foods; Toxaphene; ...4.0257

THE DEGRADATION OF DDT, TDE, AND DIELDRIN IN THE CIGARETTE MAIN-STREAM AND SIDE-STREAM SMOKES ...Chemical Degradation; DDT; Dieldrin; Pesticide Toxicity in Humans; Tobacco -cigarettes; Toxicology; ...4.0422

CONTROL OF ARTHROPOD PESTS OF COTTON ...Animal Resistance; Costs -see Economics Entries; Gossypium; Pesticide Action on Plants; Pesticide Persistance in Soils; Pesticides Compatibility; Toxaphene; ...4.0425

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; ...4.0429

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates;

Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant; Solanum; ...4.0435

PESTICIDES RESEARCH ...Alaska; Chemical Analysis; DDT; Fish; Invertebrates -nonspecific; Pesticides -see Pesticide; Water Pollution Effects; ...4.0534

BIOLOGY AND CONTROL OF ORANGEWORMS ATTACKING CITRUS, WITH REFERENCE TO ORANGE TORTRIX ...Biological Control; DDT; Insects - Beneficial; Pesticide Application Rates; Pesticide Residues; ...4.0562

FUNDAMENTAL APPROACHES TO DRUG TOXICITY ...DDT; Laboratory Animals; Muridae; Pesticide Action on Animals; Rabbits; ...4.0584

PREVENTION AND DISSIPATION OF PESTICIDE RESIDUES IN THE PRODUCTION OF MARKETABLE MILK AND MEAT PRODUCTS ...Bos; DDE; Liquids Or Sprays; Pesticide Residues Removal; ...4.0610

EFFECTS OF DDT ...Chemical Analysis; DDT; Dieldrin; Endrin; Pesticide Action on Animals; ...4.0630

THE EFFECTS OF DDT AND OTHER PESTICIDES ON SEBAGO LAKE SALMON ...BHC; DDE; Dieldrin; Pesticide Action on Animals; ...4.0631

EFFECTS OF DDT AND ANALOGUES ON REPRODUCTION IN DOMESTIC MAMMALS AND BIRDS ...Birds; DDT; Gallus Domesticus; Muridae; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.0636

INSECTICIDE RESIDUES IN TISSUES AND MILK OF DAIRY COWS ...Animal Pests; Bos; DDT; Domestic Animals; Metabolites From Pesticides; Pesticide Absorption Rates; Pesticide in Food Chains; Pesticide Residues in Feeds; Quail; ...4.0638

METABOLISM OF PESTICIDES BY BEEF CATTLE ...Aldrin; DDT; Feces; Pesticide Action on Animals, Pesticide Safety Measures; Urea Cpds. -nonspecific; Vertebrate Anatomy; ...4.0645

FUR ANIMAL NUTRITION STUDIES ...Animal Pharmacology; Dieldrin; Mustelidae Scorpaenidae; ...4.0663

FUR ANIMAL STUDIES (MINK) ...Chemical Analysis; DDT; Domestic Animals; Muridae; Mustelidae; Pesticide Formulation; Pesticide Residues Removal; ...4.0664

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON HI VIRAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Cricetus; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Mercury; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0791

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; ...4.0836

PHYSIOLOGICAL AND BEHAVIORAL EFFECTS OF INSECTICIDES ON CORMORANTS ...Animal Behavioral Ecology; DDE; Fish; Pesticide Action on Animals; ...4.0844

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; DDT; Ethion; Kelthane; Parathion; Pesticide in Food Chains; Virginia; ...4.0890

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; Thiodan; ...4.0954

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Carbamates -nonspecific; DDE; Diazinon; Home Economics; Organophosphorous Cpds.; Pesticide Residues; Physical Degradation; ...4.0963

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides -other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS .. Aldrin; DDE; Dieldrin; Heptachlor; Lindane; Methoxychlor; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0973

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Methoxychlor; Pesticide Residues; Residues in Foods; Toxaphene; ...4.0976

ENVIRONMENTAL DECONTAMINATION, ESPECIALLY FOR FEEDSTUFFS AND ASSOCIATED FOODS ...Chemical Analysis; DDT; Food Contamination; Pesticide Residues in Feeds; Residues in Foods; Trichloroethylene; ...4.1002

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; Water Pollutant Identification; ...4.1014

QUALITY FACTORS OF LAKE MICHIGAN COHO SALMON FLESH ...DDE; Dieldrin; Oncorhynchus; Pesticides -see Pesticide; Spawning -see Fish & Shellfish; ...4.1046

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Bos; DDT; Domestic Animals; Pesticide Residues; ...4.1048

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Biodegradation; Home Economics; Pesticide Residue Analysis; Pesticide Residues Removal; Residues in Foods; ...4.1049

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Heptachlor; Liquids Or Sprays; Pesticide Residue Analysis; Pesticide Residues in Feeds; Pesticide Toxicity in Animals; ...4.1114

Thimet

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Carriers -non-liquid; Cotoran; Gossypium; Msma; Pesticide Drift; Pesticide Interaction With Env; ...4.0035

DEGRADATION OF ORGANOPHOSPHORUS INSECTICIDES IN SOILS ...Malathion; Organophosphorous Cpds.; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Microbiology; Soil pH; ...4.0194

WEED CONTROL IN COTTON AND OTHER AGRONOMIC CROPS UNDER IRRIGATED CONDITIONS ...Cultural Control; Diuron; Pesticide Application Rates; Pesticide Residues; Physical Control; ...4.0210

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Diazinon; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Zea Mays - Sweet Corn; ...4.0213

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Benlate; Fungal Physiology; Granules, Capsules; Irrigation; Pesticide Phytotoxicity; Plant Population Dynamics -gen; Western U. S.; ...4.0243

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Vegetables; ...4.0259

BIONOMICS OF THE PLANT NEMATODE TRICHODORUS CHRISTIEI ...Aliphatic Carbamates; Chrysanthemum; Mocap; Ornamentals; Pesticide Evaluation; Population Dynamics -general; Zinophos; ...4.0260

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Azodrin; Disulfoton; Granules, Capsules; Nemacur P; Pesticide Evaluation; Pesticides -other; Supracide; Zinophos; ...4.0264

INTERACTION OF COMBINATIONS OF HERBICIDES AND OTHER PESTICIDES IN COTTON PRODUCTION ...Aliphatic Carbamates; Cyclic Organic Cpds. --(1 Or ; Diuron ; Malvaceae; Pesticide Evaluation; Planavin; Trifluralin; ...4.0381

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Azodrin; Dusts; Gc 6506; Granules, Capsules; Hercules 13462; Methomyl; Pesticide Phytotoxicity; Plant Population Dynamics -gen; ...4.0383

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Economic Losses (or Benefits); Furadan; Malathion; Oleaceae; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0433

BIONOMICS OF THE CEREAL LEAF BEETLE ...Aliphatic Carbamates; Furadan; Insect Resistance; Pesticide Evaluation; Triticum; ...4.0434

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS .. Aliphatic Carbamates; Bacillus Thuringiensis; Chlorphenamidine; Furadan; Methomyl; Pesticide Application Equip.; Pesticide Residues; Thuricide; ...4.0444

IMPROVEMENT OF YIELD AND QUALITY OF HOPS ...Fruit, Nut, and Berry Crops; Fungal Resistance; Moraceae; Pesticide Evaluation; Pesticide Residues; Storage Changes; Verticillium; ...4.0454

EVALUATING NEW FUNGICIDES ...Capsicum; Disulfoton; Granules, Capsules; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Vegetables; ...4.0479

EFFECT OF PHOSPHORUS INSECTICIDES ON QUALITY OF ALFALFA HAY ...Demeton; Malathion; Nitrogen and Nitrogen Cpds.; Pesticide Action on Plants; Pesticide Residues; Phosphorus and Phosphorus Cpds; Temperature - Air; Tissue Accumulation Rates; ...4.0521

EFFECT OF PESTICIDES ON APICULTURE ...Abate; Chlorphenamidine; Dipterex; Insects - Beneficial; Methomyl; Temperature - Air; Toxaphene; ...4.0561

MODE OF ACTION OF INSECTICIDES AS RELATED TO INSECT METABOLISM AND BEHAVIOR ...Animal Resistance; Chlordan; DDT; Fish; Pesticide Application Rates; Pyrethrum; Salvelinus; ...4.0682

CONTROL OF INSECT PESTS OF VEGETABLES BY INSECTICIDES AND PLANT RESISTANCE ...Animal Resistance; Chlordan; Insect Resistance; Pesticide Evaluation; Solanum; ...4.0684

SYSTEMIC INSECTICIDE RESEARCH ON MISCELLANEOUS INSECTS AND SPIDER MITES OF COTTON ...Animal Resistance; Azodrin; Fertilizers; Granules, Capsules; Pesticide Action on Plants; Pesticide Formulation; ...4.0864

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; ...4.0895

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton, Endrin; Furadan; Methomyl, Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; ...4.0911

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg, Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg, Plant; Soil Microbiology; ...4.0943

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; Thiodan; ...4.0954

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; Gallus Domesticus; Medicago; Pesticide Formulation; Pesticide Residues; Tissue Accumulation Rates; ...4.0959

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Water Quality Control -general; ...4.1024

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Labiatae; Moraceae; Pesticide Action on Plants; Pisum; Zea Mays - Field Corn; ...4.1102

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Bacillus Thuringiensis; Brassica Species; Chemical Analysis; Gas Chromatography; Pesticide Evaluation; Pesticide Residues; Soil Contamination -other; ...4.1132

Thiodan

RESIDUES OF SELECTED PESTICIDES - NATURE, DISTRIBUTION, PERSISTENCE IN PLANTS, ANIMALS & PHYSICAL ENVIRONMENTS ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Monitoring Systems; Pesticide Application Rates; Plant; TDE; ...4.0083

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Vegetables; ...4.0116

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; ...4.0219

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; DDT; Guthion; Maneb; Methoxychlor; Residues in Foods; TDE; Toxaphene; ...4.0257

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0429

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida; Formetanate; Guthion; Imidan; Nemacur P; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; ...4.0442

BIOLOGY AND CONTROL OF INSECTS IN DECIDUOUS FORESTS AND CHRISTMAS TREE PLANTATIONS ...Acer Species; Aliphatic Carbamates; Dieldrin; Liquids Or Sprays; Pesticide Evaluation; ...4.0464

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates; Arachnida; Biological Control; Chlorinated Hydrocarbons; Dimethoate; Meta - Systox; Pesticide Evaluation; Sevin; ...4.0809

EFFECT OF ENVIRONMENTAL POLLUTION ON FISH DISEASES - ORGANOCHLORINE PESTICIDES AND DISEASE RESISTANCE MECHANISMS OF RAINBOW TROUT ...Chlordan; Contamination - Water; DDT; Pathology; Salmo Gairdneri; ...4.0901

THE EFFECT OF PROCESSING ON THE PESTICIDE CONTENT OF DAIRY PRODUCTS ...Chlordan; Food Contamination; Lactobacillus Sp; Physical Models; Staphylococcus Aureus; ...4.0910

ANALYTICAL INVESTIGATIONS OF PESTICIDES AND THEIR RESIDUES ...Aldrin; DDT; Disulfoton; Furadan; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residue Analysis; Physical Control; TDE; ...4.0954

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

Thuricide

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Bacillus Thuringiensis; Biological Control; Convolvulaceae, Furadan, Liquids Or Sprays; Monitor; Pesticide Evaluation; ...4.0354

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Zea Mays - Field Corn; ...4.0399

BIOLOGY AND CONTROL OF VEGETABLE CROP INSECTS ...Aliphatic Carbamates; Bacillus Thuringiensis; Chlorphenamidine; Furadan; Methomyl; Pesticide Application Equip.; Pesticide Residues; ...4.0444

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPP. IN COTTON ...Bacillus Thuringiensis; Biological Control; DDT; Insect Resistance; Population Dynamics -general; Toxaphene; ...4.0689

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals; Pesticide Interaction With Env; Phenols; Soil pH; Stickers; ...4.0969

Torak

INSECTS AFFECTING THE APPLE ...Animal Life History Studies; Biological Control; Guthion; Insect Chemosterilants -ns.; Monitor; Pesticide Evaluation, Pesticide Phytotoxicity; ...4.0334

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Petroleum Cpds. -nonspecific; Phosvel; Population Dynamics - general; ...4.0347

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; UC 34096; ...4.0503

TOXICOLOGY AND METABOLISM OF UNINTENTIONAL FOOD ADDITIVES ...Caviidae; Food Contamination; Laboratory Animals; Pesticides -other; Residues in Foods; Toxicology; ...4.0766

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT AND MITE PESTS OF APPLE ...Acaricides -nonspecific; Arachnida; Biological Control; Gardona; Insects - Beneficial; Phosalone; ...4.0896

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; ...4.0897

CORN EARWORM CONTROL ...Bay 93820; Chlorphenamidine; Methomyl; Pesticide Phytotoxicity; Sevin; Zea Mays - Field Corn ...4.0898

Toxaphene

TOXAPHENE CONTAMINATION - ESTUARINE ECOLOGY ...Aquatic Ecology - Animal; Estuaries; Georgia; Pesticides -see Pesticide; ...2.0116

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE; Dieldrin; Fish; Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Biological Control; Chlorobenzilate; Chlorphenamidine; Economic Losses (or Benefits); Medicago; Pesticide Application Rates; Pesticide Evaluation; ...4.0010

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Water Pollutant [illegible]tion; Water Pollution Abatement; Water Supply -general; ...4.0036

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; ...4.0048

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Cotoran; Environment Accumulation Rates; Gossypium; Liquids Or Sprays; Pesticide Movement in Soils; Pesticides -see Pesticide; Rain; Trifluralin; ...4.0061

REDUCTION OR ELIMINATION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Endrin; Glycine; Pesticide Residues in Feeds; Pesticide Residues Removal; Residues in Foods; ...4.0132

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; ...4.0184

CHEMICAL CHANGES IN PESTICIDE RESIDUES DURING PROCESSING OF FRUITS AND VEGETABLES ...Captan; DDT; Guthion; Maneb; Methoxychlor; Residues in Foods; TDE; ...4.0257

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Avium Species; DDT; Parathion; Pesticide Residues; Pesticide Residues Removal; Temperature - Air; Vegetables; ...4.0266

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Vegetables; ...4.0375

CONTROL OF ARTHROPOD PESTS OF COTTON ...Animal Resistance; Costs -see Economics Entries; Gossypium; Pesticide Action on Plants; Pesticide Persistance in Soils; Pesticides Compatibility; ...4.0425

EFFECT OF PESTICIDES ON APICULTURE ...Abate; Chlorphenamidine; Dipterex; Insects - Beneficial; Methomyl; Temperature - Air; ...4.0561

IDENTIFICATION, BIOLOGY AND CONTROL OF INSECTS ATTACKING SWEET CORN ...Animal Life History Studies; Biological Control; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Zea Mays - Field Corn; ...4.0585

BIOLOGY AND CONTROL OF THE HELIOTHIS COMPLEX ON COTTON ...Aliphatic Carbamates; Animal Resistance; Biological Control; DDT; Population Dynamics -general; ...4.0688

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPP. IN COTTON ...Bacillus Thuringiensis; Biological Control; DDT; Insect Resistance; Population Dynamics -general; ...4.0689

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...Bidrin, DDT; Economics of Chemical Control; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; Strobane; ...4.0865

PESTICIDE RESIDUES ON ARIZONA CROPS ...Air - Water - Plant Relations; DDT; Medicago; Pesticide Toxicity to Microorg; Radioisotopes -nonspecific; ...4.0925

IMPORTANCE OF FEED AS AN UNAVOIDABLE SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Lindane; Methoxychlor; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0973

FEED AS A SOURCE OF PESTICIDE CONTAMINATION IN POULTRY MEAT AND EGGS ...Aldrin; DDE; Dieldrin; Heptachlor; Methoxychlor; Pesticide Residues; Residues in Foods; ...4.0976

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPECIES IN COTTON AND OTHER HOST PLANTS ...Aliphatic Carbamates; Animal Resistance; DDT; Insect Resistance; Methyl Parathion; Pesticides -other; Sevin; ...4.1037

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; ...4.1055

PESTICIDE RESIDUES IN ENVIRONMENT AND EFFECTS ON MARKETING AGRICULTURAL COMMODITIES ...Agricultural Economics; Consumer Attitudes- Pesticides; Demeton; Medicago; Organophosphorous Cpds.; Pesticide Residues; Pesticides -nonspecific; ...4.1071

ECONOMIC EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...BHC; Chemical Analysis; Parathion; Pesticide Residues in Feeds; Residues in Foods; ...4.1110

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

UC 30045

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Chlorphenamidine; Furadan; Guthion; Liquids Or Sprays; Pesticide Evaluation; Phosalone; Pyrus Malus; UC 34096; ...4.0413

Vapam

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Corewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganism-see Cell Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; ...4.0995

Zectran

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

THE BEHAVIOR AND FATE OF DDT AND ZECTRAN IN A FOREST SOIL ...DDT; Environment Accumulation Rates; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pseudotsuga; Soil Microbiology; ...4.0197

DEVELOPMENT OF SAFE & EFFECTIVE MATERIALS FOR MANAGEMENT OF WESTERN FOREST INSECT POPULATIONS ...Aerosols - Smokes, Fogs, Steam; Bioassay; Methomyl; Pesticide Evaluation; Pesticide Residues; Population Dynamics - general; Translocation; ...4.0220

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Arthropods; Ethion; Organophosphorous Cpds.; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Trithion; ...4.0403

METABOLISM OF CARBAMATE PESTICIDES ...Bayer 44646; Carbon; Laboratory Animals; Muridae; Pesticide Toxicity in Humans; ...4.0560

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analysis; D, 2,4-; Diazinon; Gas Chromatography; Malathion; Methoxychlor; Ponds; Thin Layer Chromatography; ...4.1061

Iodides

LIFE CYCLE DAIRY HOUSING, MANAGEMENT AND BEHAVIOR ...Animal Wastes - Feed Lots; Behavior -vertebrate; Bos; Computer Methods -general; Dairy Industry; Farm Animal Wastes; Sewage Lagoons; ...3.0138

Metal Organics -nonspecific

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

ETIOLOGY OF MERCURIAL PHYTOTOXICITY (FAT LEG) OF SEED PEANUTS ...Arachis; Chlorine; Herbicides and Other Chem; Mercury; Pesticide Phytotoxicity; Soil Depth; Soil Temp. - non-specific; ...4.0290

EVALUATION OF CHEMICAL FORMULATIONS AND ENERGY PROCESSES AS SEED TREATMENTS OF MAJOR CROP PLANTS ...Avena Sativa; Pesticide Evaluation; Pesticide Phytotoxicity; Temperature - Air; Triticum; Vitavax; ...4.0410

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Alternaria; Bioassay; Hordeum Vulgare; Myrothecium; Pesticide Evaluation; Phaseolus; Secale; Vegetables; ...4.0411

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Diphacin; Fish; Fungicides -nonspecific; Mammals; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0566

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON HI VIRAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Cricetus; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Mercury; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0791

ORGANIC MERCURIAL FUNGICIDES AND METABOLISM ...Carbon; Isotope Tracer -see Tracers; Mercury; Pesticide Action on Animals; PMA; ...4.0820

BIOCHEMISTRY AND PHYSIOLOGY OF ADIPOSE TISSUE OF MEAT ANIMALS ...Aging; Chemical Analysis; Chlorine; Gamma Spectroscopy; Ovis; Petroleum Cpds. -nonspecific; Sus; ...4.0837

ORGANOMERCURIAL POISONING ...Mercury; Pesticide Toxicity -general; Toxicology; ...4.0933

Molluscicides

Molluscicides -nonspecific

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

CORRELATION OF STRUCTURE VS. ACTIVITY OF POLLUTANTS OF FRESH WATER ...Analysis and Detection; Carbamates -see Pesticides; Fresh Water; Invertebrate Physiology; Pesticide Action on Animals; Water Pollutant Identification; ...4.0839

Multiple Usage

Dd

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

EFFECT OF SELECTED PESTICIDES ON NUTRITIVE COMPOSITION OF FRUITS AND VEGETABLES ...Daucus Species; Herbicides and Other Chem; Nemagon; Pesticide Organoleptic Prop.; Triazines -nonspecific; ...4.0496

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

THE CONTROL OF TOBACCO DISEASES BY CULTURAL PRACTICES AND CHEMICALS ...Alternaria; Fungal Resistance; Nematoda; Peronosporaceae; Phytophthora; ...4.1090

Dichloropropene

NEMATOCIDES AND POTENTIAL NEMATOCIDAL CHEMICALS RESIDUES IN PLANTS AND DIFFUSION IN SOIL ...Aliphatic Carbamates; Nemagon; Nematoda; Pesticide Persistance in Soils; ...4.0145

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Daucus Species; Pesticide Evaluation; Pesticide Residues; Residues in Foods; ...4.0928

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

Pentachlorophenol

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Animal Productivity; Bos; Ecological Effects; Oncorhynchus; Pesticide Action on Animals; Pesticide in Food Chains; Pollution Effects -see Water; Residues in Foods; ...4.0064

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

PESTICIDE RESIDUE CLEARANCE PROGRAM ...Araceae; Captan; Chemical Analysis; Liquids Or Sprays; Pesticide Residues; Residues in Foods; ...4.0297

Sodium Arsenite

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; ...2.1594

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON HI VIRAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Cricetus; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Mercury; Pesticide Action on Animals; T, 2,4,5-; Toxicology; ...4.0791

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

Nematocides

Nemacur P

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

CONTROL OF NEMATODES IN NURSERIES AND ON PLANT MATERIALS ...Aliphatic Carbamates; Methomyl; Nematoda; Pesticide Evaluation; Pesticides -other; V-c 13; ...4.0239

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Azodrin; Disulfoton; Granules, Capsules; Pesticide Evaluation; Pesticides -other; Supracide; Zinophos; ...4.0264

CHEMICAL CONTROL OF NEMATODE ROOT ROT COMPLEX OF SHADE-GROWN TOBACCO ...Aliphatic Carbamates; Furadan; Natural N-fixation -other; Nicotiana; Vorlex; ...4.0282

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida; Formetanate; Guthion; Imidan; Pesticide Phytotoxicity; Pesticides Compatibility; Phosdrin; Thiodan; ...4.0442

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES, AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Guthion; Medicago; Pesticide Application Rates; Pesticide Residues; Phosvel; Sevin; ...4.0759

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

Nematocides -nonspecific

DISPOSING OF SURPLUS PESTICIDES AND PESTICIDE CONTAINERS ...Chemical Degradation; Disposal; Herbicides -nonspecific; Insecticides -nonspecific; Pesticide Residues Removal; Waste Type; ...4.0046

CHEMISTRY OF NEMATODES AND NEMATOCIDES ...Invertebrate Physiology; Nematoda; Pathological Physiology; Pesticide Degradation -see Deg; Soil Microbiology; ...4.0229

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming - vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming -vegetables; ...4.0272

THE INTERACTION OF HERBICIDES WITH OTHER APPLIED PESTICIDES ...Fungicides -nonspecific; Herbicides -nonspecific; Pesticide Evaluation; Pesticides Compatibility; ...4.0387

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Granules, Capsules; Insecticides - nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales; Verticillium; ...4.0480

INSECTICIDE METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Birds; Developmental Physiology; Insect Chemosterilants -ns.; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues in Feeds; ...4.0607

TOXICOLOGICAL EFFECTS OF VARIOUS PESTICIDES AND OTHER AGRICULTURAL CHEMICALS ON LIVESTOCK AND POULTRY ...Acaricides -nonspecific; Deet; Fungicides - nonspecific; Herbicides -nonspecific; Pesticide Residue Analysis; Sus; ...4.0871

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Competition Among Thallophytes; Gibberella; Gliotoxin; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Soil Microbiology; Viridin; ...4.0945

KINDS AND LEVELS OF PESTICIDES OR METABOLIC PRODUCTS IN TOBACCO LEAF AND SMOKE ...Fungicides - nonspecific; Maleic Hydrazide; Nicotiana; Pesticide Rates - general; Pesticides -other; ...4.1089

Organophosphorous Cpds.

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Depth (water); Fish; Irrigation; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

ENZYME SYSTEMS OF ESTUARINE ORGANISMS ...Bioassay; Contamination - Water; Fish; Invertebrate Physiology; Pesticides - see Pesticide; Wildlife Toxicity; ...2.0546

QUANTITATIVE METHODS FOR PESTICIDES IN NATURAL WATERS ...Carbamates -nonspecific; Chemical Analysis; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Turbidity (water); ...2.0757

LIVESTOCK WASTE MANAGEMENT ...Carbamates -nonspecific; Furadan; Pesticide Residues Removal; Plant; Residues in Foods; ...3.0134

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers, Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Carbamates -nonspecific; Fertilizers; Land Use; Monitoring Systems; Nutrients; Pesticides -see Pesticide; Soil Analysis; ...4.0056

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Pesticide Residues; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

INSECTS INFESTING FIELD AND TRUCK CROPS ...Granules, Capsules; Insecticides -nonspecific; Low Volume; Pesticide Evaluation; Soil Microbiology; ...4.0125

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -nonspecific; Water Quality -general; ...4.0192

DEGRADATION OF ORGANOPHOSPHORUS INSECTICIDES IN SOILS ...Malathion; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Microbiology; Soil pH; Thimet; ...4.0194

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

PESTICIDE RESIDUE METABOLITES ...Caricaceae; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Residues; Radioisotopes -nonspecific; ...4.0299

FATE AND SIGNIFICANCE OF LABELLED PESTICIDES RESIDUES IN RICE ...Carbon; Fungicides -nonspecific; Metabolites From Pesticides; Oryzeae; Phosphorus; Sulfur; ...4.0312

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant; Residues in Foods; Vegetables; ...4.0348

REDUCTION OR ELIMINATION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Home Economics; Malathion; Metabolites From Pesticides; Pesticide Residues Removal; Residues in Foods; ...4.0376

EVALUATION & APPLICATION OF HARVEST-AID CHEMICALS ON COTTON PLANTS IN MECHANICAL HARVESTING ...Abscission; Gossypium; Growth; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0386

RESEARCH IN METHODS FOR TESTING ECONOMIC POISONS, FEEDS FERTILIZERS AND LIMING MATERIALS ...Aliphatic Carbamates; Chemical Analysis; Soil Analysis; Solanum; ...4.0400

INVESTIGATIONS IN INSECTS AND OTHER ARTHROPODS ATTACKING ORNAMENTAL PLANTS ...Animal Life History Studies; Arthropods; Ethion; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; Trithion; ...4.0403

CABBAGE MAGGOT AND ITS CONTROL ...Bayer 25141; Dyphonate; Furrowing Or Hilling; Pesticide Evaluation; Zinophos; ...4.0412

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Methomyl; Nicotiana; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0429

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Granules, Capsules; Insecticides - nonspecific; Nematocides -nonspecific; Nematoda; Pesticide Phytotoxicity; Ustilaginales; Verticillium; ...4.0480

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Chemical Analysis; Gallus Domesticus; Laboratory Animals; Mammals -nonspecific; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0548

BIOLOGICAL METHODS OF CONTROL FOR INTERNAL PARASITES OF LIVESTOCK ...Animal Pharmacology; Chemical Analysis; Genetic Resistance; Immunology; Loxon; Nematoda; Pesticide Action on Animals; ...4.0555

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Diphacin; Fish; Fungicides -nonspecific; Mammals; Metal Organics -nonspecific; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0566

DEPRESSION OF BLOOD CHOLINESTERASE ACTIVITY BY ORGANOPHOSPHATE COMPOUNDS ...Domestic Animals; Equidae; Pesticide Action on Animals; ...4.0588

METABOLISM AND DEPOSITION OF INSECTICIDES IN FOWL ...Carbamates -nonspecific; Domestic Animals; Gallus Domesticus; Pesticide Action on Animals; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0606

INSECTICIDE METABOLISM AND DEPOSITION OF INSECTICIDES IN THE FOWL ...Birds; Developmental Physiology; Insect Chemosterilants -ns.; Pesticide in Food Chains; Pesticide Residues in Feeds; ...4.0607

BIOCHEMICAL BASIS OF ORGANOPHOSPHATE PESTICIDE EFFECTS ON FUNCTION ...Cell Injury and Autolysis; DFP; Laboratory Animals; Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0611

PHYSIOLOGICAL RESPONSE OF FEMALE RATS AND OFFSPRING TO MULTI-INSECTICIDES AND MINERALS ...DDT; Dinitrophenol; Muridae; Pesticide Action on Animals; Toxicology; ...4.0616

METABOLIC STUDIES OF INSECTICIDES ...Animal; Laborstory Animals; Muridae; Pesticide Action on Animals; ...4.0620

TOXICOLOGICAL STUDIES WITH JAPANESE QUAIL ...Animal Resistance; Bioassay; Chlorinated Hydrocarbons; Laboratory Animals; Pesticide Action on Animals; Quail; ...4.0628

EFFECT OF PESTICIDES ON ENZYME SYSTEMS ...Aldrin; Carbamates -nonspecific; Chlordan; Fungicides -nonspecific; Herbicides -nonspecific; Pesticide Action on Animals; ...4.0629

FACTORS AFFECTING PESTICIDE TOXICITY ...Amphibians; Birds; Fish; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticides Compatibility; ...4.0656

BIOCHEMICAL AND PHYSIOLOGIC RESPONSE TO TOXIC STRESS ...Cellular Metabolism - Controls; Environmental Effects - Human; Insecticides -nonspecific; Muridae; Pesticide Action on Animals; Toxic Substances; ...4.0657

INTERACTIONS BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Contamination - Water; Crayfish; Pesticide Action on Animals; ...4.0705

DEVELOPMENT OF A STRAIN OF FISH RESISTANT TO AN ORGANOPHOSPHATE PROJECT - INTERACTION BETWEEN PESTICIDES AND FISH ENZYME SYSTEMS ...Bioassay; Bioassays; Genetic Resistance; Minnows; Pesticide Action on Animals; Poeciliid; ...4.0731

DETERMINATION OF ORGANOPHOSPHATES AND THEIR METABOLITES IN FISH BLOOD SERUM AND THEIR EFFECT ON CHOLINESTERASE ACTIVITY ...Bioassay; Fish; Pesticide Action on Animals; Water Pollutant Identification; ...4.0733

RESPIRATION RATES OF FISH-FOOD INVERTEBRATES EXPOSED TO PESTICIDES ...Carbamates -nonspecific; Contamination - Water; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticides -see Pesticide; ...4 0738

DETECTION OF PESTICIDE EXPOSURE - EVALUATION OF BLOOD CHOLINESTERASE VALUES ...Biochemical Analysis - Tissues; Pesticide Residue Analysis; Pesticide Toxicity in Humans; Toxic Substances; Toxicology; ...4.0811

BLOOD CHOLINESTERASE IN AERIAL APPLICATOR CREWS ...Accident; Occupational Hazards; Pesticide Toxicity in Humans; Pilots; Toxicology; ...4.0812

PESTICIDE INDUCED MODIFICATION OF BEHAVIORAL AND BIOELECTRIC RESPONSES TO EXTERNAL STIMULI ...Behavior -vertebrate; Farm Safety -see Safety; Laboratory Animals; Pesticide Action on Animals; Psychology; ...4.0815

TOLERANCE TO CHOLINESTERASE INHIBITORS - EFFECTS OF ANTIDOTES ON TOLERANCE AND RECOVERY ...Disulfoton; Muridae; Pesticide Safety Measures; Physiological Resistance; Toxicology; ...4.0817

PHOSPHOROUS INSECTICIDES EFFECT ON SULFATE FIXATION ...Calcium Sulfamate; Laboratory Animals; Malathion; Muridae; Nutrition; Pesticide Action on Animals; ...4.0851

ENZYMIC MECHANISMS OF INSECTICIDE METABOLISM ...Animal; Catalysts; Mechanism Determination; Pesticide Action on Animals; Rabbits; Radioisotopes -nonspecific; ...4.0853

CHARACTERIZATION OF CYTOLOGICAL RESPONSES TO TOXICATIONS OF PESTICIDES IN LIVESTOCK ...Antihelminth; Birds; Developmental Physiology; Gallus Domesticus; Pesticide Action on Animals; ...4.0873

THE TOXICOLOGICAL ACTION OF ORGANOPHOSPHATES AND CARBAMATES ...Air Pollution -see Specifics; Chemical Carcinogenesis; Experimental Teratology; Laboratory Animals; Muridae; Pesticide Action on Animals; Sevin; ...4.0881

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Domestic Animals; Food Contamination; Gallus Domesticus; Pesticide Residues; Pesticide Residues Removal; Residues in Foods; ...4.0909

ACTION MECHANISMS OF INSECTICIDAL DERIVATIVES ...Animal; Carbamates -nonspecific; DDT; Fungi -nonspecific; Muridae; Pesticide Action on Animals; Physiological Resistance; ...4.0915

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Animal Resistance; Chemical Degradation; Insecticides -nonspecific; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Residues; Sevin; ...4.0922

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Paraoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

PESTICIDE RESIDUES IN MARKETING CHANNELS ...Chlorinated Hydrocarbons; Column Chromatography; Gas Chromatography; Insect Resistance; Insecticides -nonspecific; Zea Mays - Field Corn; ...4.0949

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Carbamates -nonspecific; DDE; Diazinon; Home Economics; Pesticide Residues; Physical Degradation; TDE; ...4.0963

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bicassay; Carbon; Developmental Physiology; Genetic Resistance; Hydrogen; Pesticide Action on Plants; Pyrethrum; ...4.0999

AUTOMATED ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Chlorine; Pesticide Residues; Residues in Foods; ...4.1005

PSEUDOCHOLINETERASE ACTIVITY AS AFFECTED BY MODERN AGRICULTURAL CHEMICALS ...Bioassay; Carbamates -nonspecific; Chlorinated Hydrocarbons; Food Contamination; Pesticide in Food Chains; Sevin; ...4.1023

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

METABOLISM AND TOXICITY OF ORGANOPHOSPHORUS INSECTICIDES ...Animal; Insecticides -nonspecific; Muridae; Pesticide Action on Animals; Pesticides -other; ...4.1025

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chenopodiaceae; Chlorinated Hydrocarbons; Insecticides -nonspecific; Plant; Rhizosphere; Soil Microbiology; Trifolium; ...4.1043

ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Chlorinated Hydrocarbons; Metabolites From Pesticides; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; ...4.1063

PESTICIDE RESIDUES IN ENVIRONMENT AND EFFECTS ON MARKETING AGRICULTURAL COMMODITIES ...Agricultural Economics; Consumer Attitudes- Pesticides; Demeton; Medicago; Pesticide Residues; Pesticides -nonspecific; ...4.1071

PHYSICAL METHODS OF IDENTIFICATION AND DETERMINATION OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ...Chemical Analysis; Gas Chromatography; Metabolites From Pesticides; ...4.1129

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Carbamates -nonspecific; Chlorinated Hydrocarbons; Herbicides and Other Chem; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; ...4.1133

Pesticides -nonspecific

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD ...Atmospheric Dynamics; Environment Accumulation Rates; Environmental Hazards; Lead; Mercury; Seismology; Toxicology; Water Pollutants - Path of; ...1.0189

AIR POLLUTION TRAINING PROGRAM ...Air Pollution -see Specifics; Climates -general; Motivation and Instinct; Pesticide Action on Animals; Wildlife -nonspecific; ...1.0295

ATMOSPHERIC CONSTITUENTS OF THE TERRESTRIAL-TYPE PLANETS ...Algae - Cyanophyta; Algal Pollutant Sources; Environmental Influences; Gases; Space Medicine - Exobiology; Weather - Physical Properties; ...1.0345

EFFECTS OF SELECTED PESTICIDES SINGLY AND IN COMBINATION WITH OZONE ON SELECTED PLANT SPECIES ...Air Pollution -see Specifics; Herbicides and Other Chem; Pesticide Interaction -gen.; Pesticide Phytotoxicity; Pesticide Rates - general; ...1.0404

LAW-RELATED RESEARCH ON SCIENTIFIC UNCERTAINTY AND TECHNOLOGY ASSESSMENT ...Air Pollution -see Specifics; Environmental Effects - Human; Pesticide Toxicity in Humans; Radiation Effects - Biological; Radiation Sources - general; Radiologic Health; ...1.0497

SORPTION AND MOVEMENT OF POLLUTED WATER IN SOIL ...Filtration; Groundwater; Pesticide Movement in Soils; Soil Chemical Properties; Soil Types -also See Specifics; Water Chemistry; ...2.0030

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

BEHAVIOR OF POLLUTANTS IN WATER ...Degradation; Groundwater; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Soil Moisture; Water Pollutants - Path of; ...2.0074

IRRIGATION RETURN FLOW - NUTRIENT BALANCE ...Agricultural Runoff; Idaho; Nutrients; Salinity (water); Water Pollutants - Path of; ...2.0076

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

RURAL RUNOFF CONTROL ...Adsorption; Contamination - Water; Nutrients; Soil Chemical Properties; ...2.0111

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

POLLUTION LOADS IN RUNOFF FROM SMALL AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Fertilizers; Herbicides -nonspecific; Pesticides -see Pesticide; Water Movement - general; ...2.0174

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

CHARACTERIZATION OF ESTERASE(S) PRESENT IN FISH BLOOD ...Fish; Marine Biology - General; Pesticide Action on Animals; Pesticides -see Pesticide; Physiological Effects; ...2.0219

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

SOIL AND WATER MANAGEMENT FOR SALINITY CONTROL - PHASE II ...Groundwater; Leaching; New Mexico; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; Water Pollutants - Path of; ...2.0253

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general, Water Pollution Sources; Watersheds; ...2.0288

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Groundwater; Pesticide Aquatic Cycling; Radiochemical Analysis; Soil Chemical Properties; Water Pollutants - Path of; Water Quality -general; ...2.0314

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Pliocene Epoch; Silting (water) -see Sediment; Water Bacteria; Water Pollution Sources; ...2.0386

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS ...Amphibious Plants; Biological Water Properties; Mineralogical Water Properties; Plant Freshwater Ecology; Radioisotopes; Springs; Washington; ...2.0414

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Bioindicators; Chlorine; Contamination - Water; Mercury; Organic Matter; Population Dynamics -general; Water Pollutant Identification; Zinc; ...2.0466

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils; Benthic Organisms -nonspecific; Marine Animals; Marine Environments; Marine Geology; Offshore Oil; Petroleum -see Oil; Zooplankton, ...2.0560

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis, Detergents -see Surfactants; Industrial Wastes; Lasers and Masers; Mass Spectroscopy; Pesticides -see Pesticide; Petroleum Research; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Atlantic Ocean; Fish; Marine Biology - General; Marine Pollution; Pesticides -see Pesticide; Sea Water Sampling; Water Standards & Baselines; ...2.0620

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal, Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff, Channels; Drainage; Eutrophication; Fish; Pesticide Residues; Pesticides -see Pesticide; Reservoirs and Impoundments; Turbidity (water); ...2.0653

DEVELOP IN-HOUSE CAPABILITY IN WATER QUALITY TECHNIQUES FOR ANALYSES OF HEAVY METALS, BACTERIA, AND PESTICIDE RESIDUES ...Bacterial Pollutant Sources; Chemical Analysis (water); Pesticide Formulation; Pesticide Residue Analysis; Pesticides -other; Pesticides -see Pesticide; Water Bacteria; ...2.0655

INTERACTION OF RADIO-LABELLED BIOCIDES AND HEAVY METALS WITH MICROBIAL ECOSYSTEMS ...Activated Sludge; Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Microorganisms -nonspecific; Pesticide Degradation -see Deg; Radioisotopes -nonspecific; Waste Water Treatment - general; ...2.0666

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

CHROMATOGRAPHIC CONCENTRATION OF PESTICIDES FROM A LARGE MASS OF WATER ...Analysis and Detection; Chemical Extraction; Column Chromatography; Distribution Coefficient; Partition Chromatography; Pesticide Residues Removal; Pesticides -see Pesticide; ...2.0710

INFLUENCE OF SUSPENDED MICROSCOPIC SUBSTANCES ON THE METABOLISM OF MICROORGANISMS RESPONSIBLE FOR BIOLOGICAL ENRICHMENT OF WATER ...Adsorption Capacity; Ecological Effects; Microorganisms -nonspecific; Sediments; Water Pollutants - Path of; ...2.0723

THE BIOASSAY OF WATER POLLUTANTS WITH CULTURED MAMMALIAN CELLS ...Bioassay; Detergents -see Surfactants; Pesticide Formulation; Water Pollutant Identification; ...2.0769

PHOTOCHEMICAL METHODS FOR PURIFYING WATER ...Chemical Oxygen Demand; Effluents - Waste Water; Pesticide Residues Removal; Photolysis; Pilot Plants; Washington; ...2.0877

CONCENTRATION AND ANALYSIS OF PESTICIDES AND OTHER RECALCITRANT MOLECULES IN WATER SUPPLIES BY ULTRAFILTRATION ...Analysis and Detection; Chemical Analysis (water); Pesticide Formulation; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0921

ELECTROPHORETIC CLARIFICATION OF WATER ...Adsorption; Colloidal Phenomena; Filtration; Pesticide Residues Removal; Pesticides -see Pesticide; Size; Waste Water Treatment - general; Water Pollutant Identification; ...2.0948

THE INFLUENCE OF SOILS ON POLLUTION ...Adsorption; Drainage; Nutrients; Pesticide Degradation -see Deg; Soil Fertility; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1046

IMPROVING WATER QUALITY BY REMOVAL OF PESTICIDE POLLUTANTS WITH AQUATIC PLANTS ...Degradation -see Pesticide Deg; Pesticide Aquatic Cycling; Pesticide Residues, Plant; Radioisotopes -nonspecific; ...2.1118

STUDY OF METHODS FOR REDUCING WATER POLLUTION FROM STORM SEWER AND COMBINATION DISCHARGES THROUGH DEFINED PUBLIC WORKS PRACTICES ...Air Pollution; Overflow -see Fluid Mechanics; Pesticides -see Pesticide; Snow and Ice Removal; Urban Environment; Urban Research - general; Water Quality Control -general; ...2.1242

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

INVESTIGATION OF RICE IRRIGATION RETURN FLOWS - TEXAS COASTAL PRAIRIE REGION ...Agricultural Runoff, Fertilizers; Irrigation; Soil Fertility; Water Quality -general; ...2.1421

TO STUDY THE ENVIRONMENTAL FACTORS AFFECTING REPRODUCTION IN OSPREYS OF FLATHEAD LAKE, MONTANA ...Calification -vertebrate; Chemical Analysis; Environmental Physiology; Falconiformes, Montana; ...2.1486

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams, Contamination - Water; Environmental Ecology; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Spawn Or Nesting Sites; Temperature (water); ...2.1516

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Groundwater; Infiltration; Pesticide Residues Removal; Pesticides -see Pesticide; Sewage; Soil Organic Conten.; Waste Water Treatment -general; ...2.1540

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER ...Analysis and Detection; Herbicides -nonspecific; Liquids; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reflection; Soil Fertility; Water, ...2.1618

EVALUATION OF WATERFOWL MORTALITY FACTORS (EXCEPT HUNTING) ...Contamination - Water; Pathology; Petroleum -see Oil; Waterfowl -nonspecific; ...2.1645

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Fishery Development - other; Lake Ontario; Pesticides -see Pesticide; Residues in Foods; Water Depth; Water Levels; Water Resources Planning; ...2.1876

AGRICULTURAL WASTE INVESTIGATIONS ...Farm Animal Wastes; Livestock -nonspecific; Pesticide Residues; Training Grants; Fellowships; ...3.0010

WOOD WASTE REUSE IN CONTROLLED RELEASE PESTICIDES ...Formulations -nonspecific; Pesticide Evaluation; Pesticide Safety Measures; Plant Waste Removal; Treatment; ...3.0403

PESTICIDE APPLICATION EQUIPMENT IN RELATION TO DRIFT OF PESTICIDES AND PEST CONTROL ...Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; ...4.0008

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Temperature; Wind; ...4.0012

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

PESTICIDE KINETICS ...Bottom Sampling; Degradation; Environment Accumulation Rates; Marine Biology - General; Pesticide Residues; Pesticides -see Pesticide; Tidewater Areas; Water Standards & Baselines; ...4.0024

CONSTRUCTION OF PESTICIDES DEGRADABLE BY NORMAL MICROFLORA OF NATURAL WATERS AND SOILS ...Biodegradation-see Degradation; Degradation -see Pesticide Deg; Microorganism-see Cell. Catab.; Pesticide Action on Animals; Pesticide Degradation -see Deg; Pesticides -see Pesticide; ...4.0030

MASSACHUSETTS PESTICIDE MONITORING STUDY ...Massachusetts; Monitoring Systems; Pesticide Residues; Pesticides - see Pesticide; Watersheds; ...4.0038

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

PRECISE PLACEMENT AND DRIFT CONTROL OF INSECTICIDE AND PESTICIDES WHEN ULTRA-LOW VOLUMES ...Handling & Application; Insecticides -nonspecific; Low Volume; Pesticide Drift; Temperature - Air; ...4.0047

THE OROVADA, NEVADA BASIN ENVIRONMENTAL STUDY ...Air Pollution; Environment Accumulation Rates; Monitoring Systems; Pesticide Drift; ...4.0052

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes, North Carolina; Pesticide in Food Chains; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

DRIFT CONTROL OF PESTICIDES ...Aerosols - Smokes, Fogs, Steam; Liquids Or Sprays; Pesticide Application Equip.; Spray Devices; ...4.0063

IMPROVED DISTRIBUTION AND PLACEMENT OF CONCENTRATE PESTICIDE MATERIALS ...Air Pollution; Bioindicators; Concentrates; Pesticide Application Equip.; Pesticide Application Rates; Pesticide Drift; ...4.0068

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation - see Pesticide Deg; Lake Champlain; Nutrients; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Sediments; Water Bacteria; ...4.0072

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticide Absorption Rates; Rate of Reaction; Soil Chemical Properties, Soil Profile; Surfactants - Wetting Agents; Tension and Measurement; ...4.0094

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Nematoda; Pesticide Movement in Soils; Soil Chemical Properties; Soil Microbiology; ...4.0095

STRUCTURAL CHEMISTRY OF SOIL HUMIC SUBSTANCES ...Adsorption; Chelation & Complexing; Hydrolysis, Esterification; Organic Soils -see Soils; Reduction Reactions; Soil Chemical Properties, Soil Microbiology; ...4.0106

TRANSLOCATION OF PESTICIDES FROM CRANBERRY BOGS TO THEIR SURROUNDINGS ...Aquatic Soils; Ericaceae; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutants - Path of; ...4.0124

EFFECT OF PESTICIDE USAGE ON SOIL MICROFLORA IN AGRONOMIC AND HORTICULTURAL CROPS ...Microorganisms -nonspecific; Pesticide Degradation -see Deg; Pesticide Evaluation; Pesticide Toxicity to Microorg; Soil Microbiology; ...4.0135

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

SOILS, PESTICIDES, AND THE QUALITY OF WATER ...Adsorption; Clay Soils; Pesticide Formulation; Sandy Soils -see Soil Type; Soil Thermal Properties; ...4.0187

IDENTIFICATION AND DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND RUNOFF AND DRAINAGE WATERS ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0199

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Degradation; Pesticide Degradation - see Deg; Pesticide Residue Analysis; Pesticide Toxicity -general; Pesticide Toxicity in Animals; ...4.0268

ILLINOIS CONSUMERS' REACTION TO USE OF PEST CONTROL ON AGRICULTURAL PRODUCTS ...Attitudes & Attitude Change; Consumer Attitudes- Pesticides; Demography; Home Economics; Illinois; Pesticide Toxicity in Humans; Residues in Foods; ...4.0303

ATOMIC AND NUCLEAR RESEARCH WITH ACCELERATORS ...Attenuation; Fission Products-see Radioact.; Ionizing Radiation -see Rad.; Nuclear Structure; Residues in Foods; ...4.0320

EFFECTS OF NUTRITIONAL LEVELS ON ORGANOLEPTIC QUALITY OF FRUITS AND VEGETABLES ...Ericaceae; Home Economics; Pesticide Action on Plants; Pyrus Malus; Residues in Foods; ...4.0336

RELATION OF ENVIRONMENT AND CHEMICALS TO PHYSIOLOGY OF POME AND DRUPE FRUIT ...Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Growth Substances; Pesticide Interaction With Env; Plant Pathology - Env. Relat.; Pyrus Malus; Temperature - Air; ...4.0362

BIOASSAY OF PESTICIDE RESIDUES ON FRESH FRUITS AND VEGETABLES ...Bioassay, Pesticide in Food Chains; Pesticide Phytotoxicity; Pesticide Residue Analysis; Pesticide Residues; Vegetables; ...4.0407

DEVELOPMENT AND REFINEMENT OF ANALYTICAL METHODS FOR AGRICULTURAL PRODUCTS ...Animal Pharmacology; Chemical Analysis; Iodine; Lead; Pesticide Residues in Feeds; Pesticide Residues Removal; Vertebrates -nonspecific; ...4.0489

PESTICIDE RESIDUES ON FORAGE RESULTING FROM DRIFT OF DUSTS APPLIED TO ADJACENT ORCHARDS ...Dusts, Humidity; Pesticide Drift, Pesticide Residues; Rain; Wind -see Air Motion; ...4.0498

EFFECT OF PESTICIDES ON MORPHOLOGY AND STRUCTURE OF LACTIC ACID ORGANISMS ...Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Dipterex; Insecticides -nonspecific; Malathion; Streptococcus -nonspecific; ...4.0522

EVALUATION OF THE EFFECT OF PESTICIDES ON THE LIPID CONTENT OF RUMEN BACTERIA ...Bacterial Population Surveys; Biochemical Analysis - Tissues; Pesticide Evaluation; Pesticide Toxicity to Microorg. Rumen Bacteria; ...4.0523

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Aquatic Ecology - Animal; Estuaries; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticide Tolerance Rate; Physiological Effects; ...4.0542

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Animal Resistance; Bioassay; Estuaries; Hippolyte; Marine Animals; San Francisco Bay; ...4.0543

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Contamination - Water; Estuaries; Laboratory Animals; Pesticide Interaction With Env; Physiological Effects; Water Quality -general; ...4.0544

BIOTELEMETRY AS A TOOL FOR PESTICIDE INVESTIGATIONS ...Animal Distribution; California; Mark, Tag Or Capture; Pesticide Safety Measures; Pheasant; ...4.0567

STUDIES ON THE ECOLOGICAL PHYSIOLOGY OF MID-WATER CRUSTACEANS ...Carbon; Crustacea; Invertebrate Physiology; Nitrogen and Nitrogen Cpds.; Vertical Distribution; ...4.0570

RESEARCH ON EFFECTS OF PESTICIDES ON FARM WORKERS ...Pesticide Action on Animals; Pesticide Toxicity in Humans; Toxicology; ...4.0571

PESTICIDES IN MAN ...Pesticide Residues; Pesticide Toxicity in Humans; ...4.0573

LITERATURE SEARCH FOR BIOLOGICALLY ACTIVE COMPOUNDS ...Abstracts; Animal Pharmacology; Literature Search; Pesticide Toxicity -general; ...4.0578

TOXICOLOGY OF SELECTED PESTICIDES IN SELECTED WILDLIFE SPECIES ...Behavior -vertebrate; Mallard; Odocoileus; Pathology; Pesticide Phytotoxicity; Quail; ...4.0581

PESTICIDE LEVELS IN MIGRATORY BIRDS ...Animal Migration; Animal Productivity; Birds; Pesticide Action on Animals; Pesticide in Food Chains; ...4.0589

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

LABORATORY BIOASSAYS ...Bioassay; Fish; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); ...4.0595

RELATIONSHIPS BETWEEN SUB-LETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ...Behavior - vertebrate; Cyprinodontidae; DDT -see Pesticides; Fish; Laboratory Animals; Pesticide Evaluation; Psychology; ...4.0598

INVESTIGATIONS OF WILDLIFE MORTALITY RELATED TO PESTICIDES ...Censusing; Chemical Analysis; Ground Census; Questionaire; Wildlife -nonspecific; ...4.0622

CARCINOGENESIS BIOASSAY OF PESTICIDES AND OTHER ENVIRONMENTAL AGENTS ...Animal Resistance; Bioassays; Chemical Carcinogenesis; Food Contamination; Muridae; Pesticide Action on Animals; Tumor Pathology; ...4.0624

EXPANDING REPORT ON EFFECTS OF PESTICIDES ...Chemical Carcinogenesis; Experimental Teratology; Microorganisms - nonspecific; Pesticide Toxicity -general; Pesticide Toxicity in Humans; Toxicology; ...4.0646

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Air Pollution -see Specifics; Food Contamination; Pesticide Toxicity in Humans; Physiological Effects; Radiation, Low Level; Residues in Foods; Toxicology; Water Pollution -see Specifics; ...4.0658

ANALYSIS OF BIO-ACTIVE CHEMICALS FOR POSSIBLE HAZARDOUS PROPERTIES ...Air Pollution -see Specifics; Chemical Analysis; Insecticides -nonspecific; Pesticide Toxicity in Humans; Preventative Measures; ...4.0672

POTENTIALS FOR REMOVING OR REDUCING PESTICIDE RESIDUES IN FOODS ...Home Economics; Pesticide Residues Removal; Residues in Foods; ...4.0677

EFFECTS ON THE SPERMIATION RESPONSE OF GOLDFISH AFTER EXPOSURE TO SELECTED PESTICIDES ...Carassius Auratus; Pesticide Action on Animals; Pesticides -see Pesticide; Water Pollution Effects; ...4.0698

COMPARISON OF METHODS USED TO MEASURE ESTERASE ACTIVITY. INTERACTIONS BETWEEN PESTICIDES ON FISH ENZYME SYSTEMS ...Ictalurus Punctatus; Lepomis Macrochirus; Pesticide Action on Animals; Pesticides -see Pesticide; Salmo Clarki; Spectrographic Techniques; ...4.0702

SEASONAL CHANGES IN ESTERASE ACTIVITY IN FISH AND INVERTEBRATES. INTERACTIONS BETWEEN PESTICIDES ON FISH ENZYME SYSTEMS ...Biochemical Analysis - Tissues; Fish; Invertebrate Physiology; Invertebrates -nonspecific; Lepomis Macrochirus; Pesticide Action on Animals; ...4.0703

THE INFLUENCES OF ENVIRONMENTAL CONDITIONS ON THE TOXICITY OF PESTICIDES ...Aquatic Ecology - Animal; Bioassays; Fish; Pollution Effects -see Water; Water Pollution Effects; ...4.0708

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FISH TO SOME COMMONLY USED PESTICIDES ...Centrarchidae; Fish; Invertebrates -nonspecific; Laboratory Animals; Pesticides - see Pesticide; Salmonidae; Water Pollution Effects; ...4.0709

SCREENING OF PESTICIDES AGAINST FRESHWATER FISHES, FY 1971 ...Animal Resistance; Bioassay; Environmental Ecology; Fish; Temperature (water); ...4.0713

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; Plant Freshwater Ecology; Temperature (water); Water Quality -general; ...4.0716

CHRONIC TOXICITY OF PESTICIDES TO FRESHWATER FISHES ...Fish; Pesticide Action on Animals; Temperature (water); ...4.0719

PESTICIDE EFFECTS ON NITROGEN METABOLISM IN TELEOSTS ...Chemical Analysis; Fish; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Pesticide Application Rates; Pesticides -see Pesticide; ...4.0725

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Cell Injury and Autolysis; Fish; Pesticide Action on Animals; Pesticides -see Pesticide; Physiological Effects; ...4.0726

STATIC BIOASSAY OF PESTICIDES USING FRESHWATER INVERTEBRATES TO OBTAIN PRELIMINARY ACUTE TOXICITY ESTIMATES (ABBREV.) ...Bioassay; Invertebrates -nonspecific; Laboratory Animals; Pesticide Tolerance Rate; Temperature (water); ...4.0736

CONTINUOUS-FLOW BIOASSAY OF PESTICIDES TO EVALUATE THE ACUTE AND CHRONIC EFFECTS OF PESTICIDES TO FRESHWATER INVERTEBRATES (ABBREV.) ...Invertebrate Physiology; Laboratory Animals; Pesticide Tolerance Rate; Physiological Effects; ...4.0737

EFFECT OF PESTICIDES ON INSECT PARASITES AND PREDATORS ...Arachnida; Insecticides -nonspecific; Insects - Beneficial; Pesticide Action on Animals; Pesticide Evaluation; ...4.0743

MAMMALS, FISHES AND BIRDS OF MONTANA ...Acipenseridae; Animal Behavioral Ecology; Animal Interrelationships - gen; Aquatic Ecology - Animal; Canada Goose; Cooperative Studies; Fish & Shellfish Biology; Grouse; Mammals -nonspecific; Management -other; Population Dynamics -general; Salmo Clarki; ...4.0748

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chro-

matography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics - general; Water Pollutants - Path of; ...4.0752

PESTICIDE DATA - PHEASANT ...Chemical Analysis; Periodicals, Journals; Pesticide Action on Animals; Pheasant; ...4.0755

A CHEMICAL & MORPHOLOGICAL STUDY OF THE NEUROPATHY INDUCED BY ANTICHOLINESTERASE PESTICIDE ...Laboratory Animals; Mammals -nonspecific; Pesticide Action on Animals; Toxicology; ...4.0792

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Cladosporium; Herbicides -nonspecific; Mucor; Penicillium; Pesticide Toxicity to Microorg; Tobacco -cigarettes; Toxic Substances; ...4.0800

CENTER FOR THE STUDY OF THE HUMAN ENVIRONMENT ...Air Pollution; Environmental Effects - Human; Pesticides -see Pesticide; Physiological Effects; Research Facilities; Water Quality -general; ...4.0805

ENVIRONMENTAL TOXICOLOGY OF PESTICIDES ...Air Pollution; Contamination - Water; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Residues in Foods; ...4.0822

THE INFLUENCE OF PESTICIDES ON MORTALITY RATES OF BIRDS ...Animal Productivity; Birds; Computer Methods -general; Pelecaniformes; Pesticide Residue Analysis; Population Dynamics -general; ...4.0828

A STUDY OF THE PESTICIDE RESIDUES AND OF PARASITES IN BIG GAME MAMMALS OF SOUTH DAKOTA ...Animal Pharmacology; Antihelminth; Gastropoda; Ovis; Pesticide Evaluation; ...4.0846

PRELIMINARY PESTICIDE STUDY ...Management -general; Management -other; Monitoring Systems; Wildlife -nonspecific; ...4.0852

ENVIRONMENTAL MUTAGEN INFORMATION CENTER (EMIC) ...Air Pollution -see Specifics; General Information Services; Information Science; Mercury; Mutagenesis -nonspecific; Pesticide Toxicity -general; ...4.0855

EFFECT OF NITRATES AND OTHER NITROGENOUS COMPOUNDS ON TOXICITY OF PESTICIDES ...Animal Pharmacology; Domestic Animals; Pesticide Action on Animals; Pesticide Rates -general; Urine; ...4.0866

TOXIC EFFECTS OF AGRICULTURAL CHEMICALS ON REPRODUCTION IN ANIMALS ...Chemical Mutagenesis; Experimental Teratology; Lethal Mutation; Mammals -nonspecific; Pesticide Formulation; ...4.0867

CARCINOGENESIS BIOASSAY RESOURCE FOR FEEDING TESTS IN RODENTS ...Air Pollution -see Specifics; Bioassays; Chemical Carcinogenesis; Environmental Carcinogenesis; Muridae; ...4.0887

EFFECT OF PESTICIDE RESIDUES ON GAME FISH POPULATIONS ...Animal Life History Studies; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Population Dynamics -general; ...4.0893

WILDLIFE PATHOLOGY RESEARCH ...Air Pollution -see Specifics; Environmental Physiology, Pathology; ...4.0908

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Domestic Animals; Food Contamination; Gallus Domesticus; Organophosphorous Cpds ; Pesticide Residues; Pesticide Residues Removal; Residues in Foods; ...4.0909

CAUSES OF ABORTIONS IN DAIRY CATTLE WITH PARTICULAR REFERENCE TO PESTICIDES AND MOLD TOXINS ...Aspergillus; Domestic Animals; Gibberella; Nutrition; ...4.0917

BIOLOGICAL HAZARDS OF PHOTOTRANSFORMED PESTICIDES ...Pesticide Interaction With Env; Pesticide Toxicity - general; Photolysis; ...4.0930

DETERMINE METHODS OF DIFFUSION OF IDEAS AND DO FURTHER DEPTH ANALYSIS OF DIFFUSION PROCESS ...Consumer Attitudes- Pesticides; Pesticide Industry; Rural Sociology; Soil Fertility; ...4.0946

METABOLIC OBSERVATIONS - NUTRITIONAL INTERACTION BETWEEN UREA AND APPLE POMACE RE REPRODUCTIVE FAILURE ...Bos; Pesticide Residues in Feeds; ...4.0956

EFFECTS OF PESTICIDES ON PROTEIN, CARBOHYDRATE, AND NUCLEIC ACID METABOLISM. INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Bacteria - nonspecific; Cellular Biosynthesis; Microorganism-see Cell. Catab.; Pesticide Action on Animals; Yeasts -nonspecific; ...4.0961

ANALYTICAL LABORATORY ...Chemical Analysis; Pesticides - other; Research Facilities; ...4.0962

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals; Pesticide Interaction With Env; Phenols; Soil pH; Stickers, Thuricide; ...4.0969

PESTICIDE STRESS EFFECTS ON EXPERIMENTAL ECOSYSTEMS ...Arthropods; Contamination -see Air & Water; Mammals -nonspecific; Pesticide in Food Chains; Pesticide Toxicity -general; Petroleum Industry; Pollution Effects -see Water; ...4.0975

PESTICIDE RESIDUES ...Climates -general; Environment Accumulation Rates; Herbicides -nonspecific; Herbicides and Other Chem; Oregon; Pesticide Action on Animals; Pesticide Persistance in Soils; ...4.0979

CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PESTICIDE MANUFACTURING WASTES ...Bibliography; Canada; Contamination - Water; Literature Search; Pesticide Industry; Pesticides; Pesticides -see Pesticide; ...4.0986

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Degradation; Insecticides - nonspecific; Pesticide Degradation -see Deg; Pesticide Residues; Texas; ...4.0988

NUTRITIONAL INTERACTION BETWEEN UREA AND APPLE POMACE RELATED TO REPRODUCTIVE FAILURE ...Bos; Developmental Physiology; Domestic Animals; Pesticide in Food Chains; Pesticide Residues in Feeds; ...4.0991

SYSTEMS APPROACH TO CONTROLLING PESTICIDE CONTAMINATION OF SAN JOAQUIN VALLEY ...Degradation; Environment Accumulation Rates; Models of Biological Systems; Pesticide in Food Chains; Pesticide Toxicity -general; Preventative Measures; ...4.1000

THE CHEMISTRY AND TOXICOLOGY OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Food Contamination; Microorganisms -nonspecific; Pesticide in Food Chains; ...4.1001

DETERMINATION OF PESTICIDES IN BIOLOGICAL AND ENVIRONMENTAL SPECIMENS ...Bioassay; Wildlife -nonspecific; ...4.1009

COLLABORATIVE STUDIES OF ANALYTICAL METHODS ...Chemical Analysis; Home Economics; Plant Tissue Analysis - chem.; Soil Fertility; ...4.1011

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Animal Wastes - Feed Lots; Economic Efficiency; Environment; Erosion; Livestock - nonspecific; Optimization, Economic; Sediments; Welfare Economics; ...4.1013

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

USE AND MISUSE OF PESTICIDES ...Consumer Attitudes- Pesticides; Pesticide Industry; Rural Areas; Urban Environment; ...4.1029

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENT ...Chemical Analysis; Gas Chromatography; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.1034

HISTOLOGICAL PROCESSING AND PATHOLOGICAL EXAMINATION OF SELECTED ANIMAL TISSUES ...Digestive System - Human; Laboratory Animals; Mammals -nonspecific; Toxicology; ...4.1041

SCREENING AQUATIC INVERTEBRATES TO DETECT AN ORGANISM SUITABLE FOR USE IN A MONITORING PROGRAM ...Aquatic Ecology - Animal; Bioassays; Fish; Invertebrate Physiology; Invertebrates -nonspecific; Monitoring Systems; Water Pollutant Identification; ...4.1054

PREPARATION OF CHLORINE-36 LABELED ORGANOCHLORINE PESTICIDES AND RELATED COMPOUNDS (PCB'S) ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Radioisotopes; ...4.1057

IMPROVED CLEANUP PROCEDURE FOR THE REMOVAL OF LIPIDS FROM FISH EXTRACTS--CHLORINATED HYDROCARBON RESIDUE ANALYSIS ...Chemical Analysis; Column Chromatography; Fish; Gas Chromatography; Thin Layer Chromatography; ...4.1058

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analy-

sis; D, 2,4-; Diazinon; Gas Chromatography; Malathion; Methoxychlor; Ponds; Thin Layer Chromatography; ...4.1061

UPDATING THE 'HANDBOOK OF PROCEDURES FOR PESTICIDE RESIDUE ANALYSIS' - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Chemical Analysis (water); Chemical Analysis -general; Handbooks; Pesticide Residue Analysis; Pesticides -see Pesticide; ...4.1062

STRUCTURE ANALYSIS OF TRACE PESTICIDE RESIDUES BY GLC ...Biodegradation; Gas Chromatography; Metabolites From Pesticides; ...4.1065

PESTICIDE RESIDUES IN ENVIRONMENT AND EFFECTS ON MARKETING AGRICULTURAL COMMODITIES ...Agricultural Economics; Consumer Attitudes- Pesticides; Demeton; Medicago; Organophosphorous Cpds.; Pesticide Residues; ...4.1071

BIO-ASSAY OF SMOKE CONDENSATE FROM TOBACCO TREATED WITH AGRICULTURAL CHEMICALS ...Bioassays; Chemical Carcinogenesis; Pesticide Toxicity in Humans, Rodentia -other; Tobacco -cigarettes; ...4.1077

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURE COMMODITIES ...DDT; Fruit, Nut, and Berry Crops; Pesticide in Food Chains; Pyrus Malus; Residues in Foods; Vegetables; ...4.1081

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residue Analysis; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Rock - Soil Pollution; ...4.1092

PHOTOLYSIS OF PESTICIDES ...Chemical Analysis; Food Contamination; Metabolites From Pesticides; Physical Degradation; Residues in Foods; ...4.1101

FATE AND PERSISTENCE OF PESTICIDES AND PHYSIOLOGICALLY ACTIVE DEGRADATION PRODUCTS ...Degradation, Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Physical Degradation; Soil Types -also See Specifics; ...4.1104

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Computer Methods -general; Food Supply; Forest Environment -general; Mark, Tag Or Capture; Pesticide Residue Analysis; Quail; ...4.1113

INTERFERING SOIL CONSTITUENTS IN DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND WATER ...Agricultural Runoff; Chemical Analysis; Pesticide Aquatic Cycling; Pesticides - see Pesticide; Soil Chemical Properties; Soil Types -also See Specifics; ...4.1131

EXPERT, AD HOC COMMITTEES AS A SOURCE OF TECHNICAL ADVICE - DOCTORAL DISSERTATION RESEARCH ...Committee Support; Consumer Attitudes- Pesticides; Pesticide Usage History; Scientists & Engineers; Technology - Social Impact; ...4.1135

EFFECTS OF FALLOUT ON AGRICULTURAL ECOSYSTEMS ...Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Radioecology - Plants; ...5.0175

BEHAVIORAL TOXICITY OF NOISE IN IMMATURE MICE ...Auditory Stress; Hearing Loss and Deafness; Noise; Psychology; Vibrations; -biaeffects; ...6.0080

Pesticides -other

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Bioindicators; BV; Liquids Or Sprays; Mineral Nutrition; Nicotiana; Pesticide Evaluation; Pollutant Resistance; Zea Mays - Field Corn; ...1.0338

DEVELOP IN-HOUSE CAPABILITY IN WATER QUALITY TECHNIQUES FOR ANALYSES OF HEAVY METALS, BACTERIA, AND PESTICIDE RESIDUES ...Bacterial Pollutant Sources; Chemical Analysis (water); Pesticide Formulation; Pesticide Residue Analysis; Pesticides -nonspecific; Pesticides -see Pesticide; Water Bacteria; ...2.0655

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem, Pesticide Action on Plants; Pesticide Interaction With Env, Plant; Tissue Accumulation Rates; ...4.0003

NAVY ENVIRONMENT - BIOLOGICAL DEGRADATION OF PESTICIDES IN THE MARINE ENVIRONMENT ...Biodegradation; Environment; Herbicides -nonspecific; Marine Pollution; Pesticide Safety Measures; ...4.0015

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils, Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp -non-specific; Water Quality -general; ...4.0192

MARKET QUALITY OF TABLE GRAPES AS INFLUENCED BY CHEMICALS APPLIED FOR WEED, PEST AND DISEASE CONTROL ...Dbtce; Food Engineering & Technology; Moisture; Packaging Materials; Pesticide Organoleptic Prop.; Plastics; ...4.0226

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules, Liquids Or Sprays; Pesticide Persistance in Soils; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

CONTROL OF NEMATODES IN NURSERIES AND ON PLANT MATERIALS ...Aliphatic Carbamates; Methomyl; Nematoda; Pesticide Evaluation; Vc-13; ...4.0239

PRODUCTION AND QUALITY OF APPLES IN HIGH DENSITY PLANTINGS USING DWARFING ROOTSTOCKS ...B9; Fruit, Nut, and Berry Crops; Irrigation; Pathological Physiology; Pesticide Phytotoxicity; Phytophthora; Pyrus Malus; ...4.0250

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Azodrin; Disulfoton; Granules, Capsules; Nemacur P; Pesticide Evaluation; Supracide; Zinophos; ...4.0264

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds.-(1 Or ; Fore ; Kelthane; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vcs-438; ...4.0277

CHEMICAL CONTROL OF SOIL FUNGI, NEMATODES, AND WEEDS AFFECTING WATERMELONS ...Citrullus; Fumigants - nonspecific; Nematode; Pesticide Evaluation; Pythium; Soil Fungi -nonspecific; ...4.0280

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Blades; Convolvulaceae; Grass - nonspecific; Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

CULTURE AND PHYSIOLOGY OF FLUE-CURED TOBACCO ...Air Pollution-chemistry; Growth Substances; Nicotiana; Pesticide Action on Plants; Tillage, Cropping Systems; ...4.0295

FUNGICIDAL & FUNGISTATIC PROPERTIES OF ANTI-OXIDANTS AND RELATED COMPOUNDS ...Antioxidants -nonspecific; Botrytis; Dusts; Ornamentals; Pesticide Evaluation; Zea Mays - Field Corn; ...4.0310

WEED CONTROL IN HORTICULTURAL CROPS ...Growth; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Evaluation; Rp 2929; ...4.0316

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Contamination - Soil; Dalapon; Nitrification; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Pseudomonas; Soil Fungi -nonspecific; Soil Microbiology; ...4.0330

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

INVESTIGATIONS OF ALFALFA INSECTS, THEIR BIOLOGY AND CONTROL ...Animal Life History Studies; Furadan; Pesticide Evaluation; Pesticide Residues in Feeds; Supracide; ...4.0353

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Ves-438; ...4.0364

THE CONTROL OF WEEDS IN RICE BY THE USE OF HERBICIDES ...Byram; Oryzeae; Pesticide Evaluation; Propanil; ...4.0389

EVALUATION OF CHEMICAL FORMULATIONS AND ENERGY PROCESSES AS SEED TREATMENTS OF MAJOR CROP PLANTS ...Avena Sativa; Metal Organics -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Temperature - Air; Triticum; Vitavax; ...4.0410

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

DISEASES OF CULTIVATED BLUEBERRIES IN NORTH CAROLINA ...Botryosphaeria; Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Nematoda; Temperature - Air; ...4.0428

CONTROL OF WEEDS ...Ametryn; Diuron; Pesticide Formulation; Pesticide Phytotoxicity; Puerto Rico; Saccharum; ...4.0471

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Glycine; Nitrogen Metabolism; Pennisetum; Pesticide Phytotoxicity; Plant Absorption -other; Propachlor; Zea Mays - Field Corn; ...4.0482

THE DEGRADATION OF INSECTICIDES UNDER VERMONT CONDITIONS ...Methyl Parathion; Pesticide Drift; Pesticide Residues; Pesticide Residues in Feeds; Tetradifon; ...4.0499

HERBICIDAL WEED CONTROL IN ALFALFA IN WYOMING ...Atrazine; Chenopodiaceae; Medicago; Pesticide Evaluation; Pesticide Residues; Rp-11561; Terbacil; ...4.0524

WEED CONTROL IN SUGAR BEETS ...Amaranthaceae; Chenopodiaceae; Pesticide Action on Plants; Pesticide Interaction With Env; ...4.0525

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Guthion; Medicago; Nemacur P; Pesticide Application Rates; Pesticide Residues; Phosvel; Sevin; ...4.0759

TOXICOLOGY AND METABOLISM OF UNINTENTIONAL FOOD ADDITIVES ...Caviidae; Food Contamination; Laboratory Animals; Residues in Foods; Toxicology; ...4.0766

THE TERATOGENIC EVALUATION OF THE HERBICIDE 2,4,5-T AND DIOXIN ...Environmental Effects - Human; Herbicides - nonspecific; Pesticide Action on Animals; T, 2,4,5-; ...4.0785

TOXICITY AND RESIDUES OF INSECTICIDES AND REPELLENTS IN LIVESTOCK AND POULTRY ...Animal Resistance; Bos; Ddvp; Gallus Domesticus; Liquids Or Sprays; Ronnel; ...4.0869

LIVESTOCK DETOXICATING MECHANISMS OF PESTICIDES ...Birds; Ciodrin; Domestic Animals; Gallus Domesticus; Ovis; Pesticide Residues Removal; Residues in Foods; ...4.0870

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Plictran; Thimet; ...4.0895

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Phosalone; Torak; ...4.0897

PESTICIDE RESIDUES ON ARIZONA CROPS ...Air - Water - Plant Relations; DDT; Medicago; Pesticide Toxicity to Microorg; Radioisotopes -nonspecific; Toxaphene; ...4.0925

ANALYTICAL LABORATORY ...Chemical Analysis; Pesticides - nonspecific; Research Facilities; ...4.0962

BIOASSAY OF SUCKER CONTROL CHEMICALS AND PESTICIDE RESIDUE ON LEAF TOBACCO ...Bioassay; Carbon; Maleic Hydrazide; Nicotiana; Pesticide Residues; Tobacco Products &/or Smoking; Tween-80 -see Surfactants; ...4.0968

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

REDUCTION OF HERBICIDE RESIDUES ...Adjuvants; Granules, Capsules; Pesticide Evaluation; Pesticide Interaction With Env; ...4.0977

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; Zea Mays - Field Corn; ...4.0983

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Phaseolus; Planavin; Residues in Foods; ...4.1004

METABOLISM AND TOXICITY OF ORGANOPHOSPHORUS INSECTICIDES ...Animal; Insecticides -nonspecific; Muridae; Pesticide Action on Animals; ...4.1025

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPECIES IN COTTON AND OTHER HOST PLANTS ...Aliphatic Carbamates; Animal Resistance; DDT; Insect Resistance; Methyl Parathion; Sevin; ...4.1037

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Liquids Or Sprays; Maloran; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals; Phleum; Silvex; Terbacil; Zea Mays - Field Corn; ...4.1083

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY ...Abscission; B9 Fruit Analysis; Naa; Pesticide Residue Analysis; Prunus Cerasus & P. Avium, Pyrus Malus; ...4.1084

KINDS AND LEVELS OF PESTICIDES OR METABOLIC PRODUCTS IN TOBACCO LEAF AND SMOKE ...Fungicides - nonspecific; Maleic Hydrazide; Nicotiana; Pesticide Rates - general; ...4.1089

DEVELOP METHOD OF REMOVING RADIO-ACTIVE CONTAMINANTS FROM AGRICULTURAL LAND ...Absorption (incl. Adsorption); Radioactive Fallout-cf Fallout; Soil Cover Crops; Zea Mays - Field Corn; ...5.0040

Petroleum Cpds. -nonspecific

EVALUATION OF CARCINOGENIC AGENTS IN CIGARETTE SMOKE ...Air Pollution -see Specifics; Bioassays; Biochemical Analysis - Tissues; Chemical Carcinogenesis; Tobacco -cigarettes; ...1.0225

CONTROL METHODS FOR JUNIPERS, SHRUB LIVE OAK, AND ASSOCIATED WEEDS ...Climates -general; Fenuron; Granules, Capsules; Liquids Or Sprays; Pesticide Residues; Plants - Dicotyledons; ...4.0007

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0178

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Dieldrin; Heptachlor; Pesticide Degradation -see Deg; ...4.0179

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Tween-80 -see Surfactants; ...4.0189

THE INFLUENCE OF CULTURAL PRACTICE COMBINATIONS ON THE YIELD AND QUALITY OF COTTON ...Carbamates - nonspecific; Insecticides -nonspecific; Pesticide Action on Plants; Soil Fertility; ...4.0214

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other, Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals; Furadan; Insects - Beneficial; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Supracide; UC 34096; ...4.0274

PETROLEUM OILS AS CITRUS TREE SPRAYS IN FLORIDA ...Arachnida; Liquids Or Sprays; Pesticide Application Rates; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0278

CYTOGENETIC EFFECTS OF ATRAZINE ON GRAIN SORGHUM ...Atrazine; D, 2,4-; Pesticide Action on Plants; Pesticide Phytotoxicity; Sorghum; ...4.0321

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues; Phosvel; Population Dynamics -general; Torak; ...4.0347

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum - other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

NON-TOXIC OIL SPRAYS TO CONTROL LEAF DISEASES OF CROPS ...Chenopodiaceae; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Septoria; ...4.0367

PRINCIPLES AND PRACTICES FOR CONTROL OF JOHNSONGRASS IN SOYBEANS ...Alanap; Diuron; Formulations -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Compaction Or Density; ...4.0391

CONTROL OF ORCHARD MITES IN WESTERN NEW YORK ...Acarol; Arachnida; Demeton; Kelthane; Plictran 1301; Trithion; ...4.0414

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit; Nut; and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Pyrus Malus; Streptomycin; ...4.0426

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Panicum -other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Soil Tillage; Zea Mays - Field Corn; ...4.0445

PESTICIDE APPLICATION COSTS AND CHEMICALS FOR PEST CONTROL ON FRUIT ...Acaricides -nonspecific; Concentrates; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Application Rates ...4.0466

INSECTS AND MITES ATTACKING APPLES - INSECTICIDES, ACARICIDES AND APPLICATION TECHNIQUES ...Acarol; Benlate; Chloropropylate; Fenazaflor; Mytrol; Omite; Pesticide Evaluation; Pesticide Residue Analysis; Plictran; Torak; UC 34096; ...4.0503

EFFECT OF MOSQUITO CONTROL CHEMICALS ON AQUATIC FAUNA ...Abate; Biological Effects; Irrigation; Oryzeae; Pesticide Evaluation; Pesticides -see Pesticide; ...4.0539

INTEGRATED CONTROL OF PEACH INSECT PESTS ...Animal Distribution; Arachnida; Biological Control; Guthion; Pesticide Evaluation; Population Dynamics -general; ...4.0546

INFLUENCE OF PROTOZOAN ACTIVITY ON HALOGENATED HYDROCARBON RESIDUES - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Aquatic Ecology - Animal; Biodegradation; Fresh Water; Invertebrate Physiology; Pesticides -see Pesticide; Protozoa; ...4.0706

BIOCHEMISTRY AND PHYSIOLOGY OF ADIPOSE TISSUE OF MEAT ANIMALS ...Aging; Chemical Analysis; Chlorine; Gamma Spectroscopy; Ovis; Sus; ...4.0837

CHEMICAL RESIDUES IN MILK ...Bos; Domestic Animals; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Residues in Feeds; Residues in Foods; ...4.0850

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Medicago; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Setaria; Soil Microbiology; Zea Mays - Field Corn; ...4.0982

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

DEVELOPMENT OF APPLE SPRAY PROGRAMS IN RELATION TO SPRAY RESIDUE RESTRICTIONS ...Degradation; Furadan; Guthion; Liquids Or Sprays; Pesticide Residues; Pyrus Malus; ...4.1082

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING STONE FRUITS ...Arachnida; Baygon; Liquids Or Sprays; Pesticide Evaluation; Rosaceae; Yeasts -nonspecific; ...4.1128

Phosphorothioate Cpds.

RESIDUES IN MILK FROM COWS FED INSECTICIDE-CONTAMINATED FORAGE ...Bos; Insect Resistance; Pesticide Action on Animals; Pesticide Residues; ...4.0603

INTERACTIONS OF PESTICIDES, DRUGS AND OTHER CHEMICALS ...Bioassay; Environmental Effects - Human; Muridae; Pesticide Action on Animals; Pesticide Rates -general; Quail; ...4.0613

Piscicides

Antimycin A

TOXICITY OF POLLUTANTS TO STRIPED BASS ...D, 2,4-; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FRESHWATER FISHES TO THREE TOXICANTS ...Abate; Bioassay; Chlordan; Ictaluridae; Salmonidae; ...4.0711

THE EFFECTS OF ANTIMYCIN A ON THE METABOLISM OF SELECTED TISSUES IN FISH (ABBREV) ...Bioassay; Bullheads; Control of Nuisance Species; Pesticide Action on Animals; Salmo Gairdneri; ...4.0907

Ms-222

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Iodine; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

THIN LAYER CHROMATOGRAPHIC IDENTIFICATION OF MS-222 IN FISH MUSCLE TISSUE, BLOOD, BRAIN TISSUE, AND IN WATER (ABBREV) ...Animal Pharmacology; Chemical Analysis; Control of Nuisance Species; ...4.0903

INVESTIGATIONS ON FATE OF CONTROL AGENTS IN FISH. WORK UNIT RESIDUES OF MS-222 IN NORTHERN PIKE, MUSKELLUNGE, WALLEYE (ABBREV) ...Animal Pharmacology; Chemical Analysis; Esocidae; Stizostedion Vitreum Vitreum; ...4.0904

Piscicides -nonspecific

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Environmental Ecology; Insects - Beneficial; Lumbering -general; Ponds; Range Or Territorial Distr.; Temperature (water); ...2.1543

RESIDUES OF FISH CONTROL AGENTS - FLUOROMETRY, THIN LAYER AND GAS CHROMATOGRAPHY FOR ANALYSIS OF QUINALDINE RESIDUES IN FISH (ABBREV) ...Animal Pharmacology; Centrarchidae; Ictaluridae; Lepomis Macrochirus; Pesticide Formulation; Pesticide Residues; Quinaldine; ...4.0905

BIOLOGICAL FACTORS IN THE MANAGEMENT OF LAKE FLIES ...Animal Predation; Aquatic Ecology - Animal; Benthic Fauna; Biological Control; Lakes; Pesticide in Food Chains; ...4.0914

Quinaldine

RESIDUES OF FISH CONTROL AGENTS - FLUOROMETRY, THIN LAYER AND GAS CHROMATOGRAPHY FOR ANALYSIS OF QUINALDINE RESIDUES IN FISH (ABBREV) ...Animal Pharmacology; Centrarchidae; Ictaluridae; Lepomis Macrochirus; Pesticide Formulation; Pesticide Residues; Piscicides -nonspecific; ...4.0905

Rotenone

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Iodine; Ms-222; Pesticides -see Pesticide; Pollution Effects -see Water; Water Pollutant Identification; ...2.1592

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

NEUTRALIZATION OF ROTENONE WITH ACTIVATED CHARCOAL ...Carbon; Fish; Neutralization; Pesticide Residues Removal; Pesticides -see Pesticide; ...4.0776

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bioassay; Carbon; Developmental Physiology; Genetic Resistance; Hydrogen; Organophosphorous Cpds.; Pesticide Action on Plants; Pyrethrum; ...4.0999

DEVELOPMENT & APPLICATION OF QUANTITATIVE TISSUE CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Cell Membrane Permeability; Cellular Model Systems; Ionic Effect; Water Pollutant Identification; ...4.1108

Plant Antibiotic

Streptomycin

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; ...4.0426

Terramycin

METABOLISM OF AGRICULTURAL CHEMICALS BY RUMEN MICROORGANISMS ...Bos; Insecticides -nonspecific; Microorganism-see Cell. Catab.; Protozoa; ...4.1099

Plant Growth Regulators

B9

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Bioindicators; Liquids Or Sprays; Mineral Nutrition; Nicotiana; Pesticide Evaluation; Pesticides -other; Pollutant Resistance; Zea Mays - Field Corn; ...1.0358

PRODUCTION AND QUALITY OF APPLES IN HIGH DENSITY PLANTINGS USING DWARFING ROOTSTOCKS ...Fruit, Nut, and Berry Crops; Irrigation; Pathological Physiology; Pesticide Phytotoxicity; Phytophthora; Pyrus Malus; ...4.0250

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS ...Bioassay; Carya; Fruit, Nut, and Berry Crops; Growth Substances; Herbicides and Other Chem; Photosynthesis; Radioisotopes -nonspecific; Tiba; ...4.0315

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops - general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Absorption (incl. Adsorption); Captan; Chlorophyll; Dieldrin; Metabolites From Pesticides; Photosynthesis; Respiration; Translocation; ...4.0443

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Cucurbita; Liquids Or Sprays; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Plant Growth Regulators -ns.; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Benlate; Chenopodiaceae; Ethrel; Penicillium; Pesticide Residues Removal; Respiration; TBZ; ...4.1047

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY ...Abscission; Fruit Analysis; Naa; Pesticide Residue Analysis; Pesticides -other; Prunus Ceracus & P. Avium; Pyrus Malus; ...4.1084

CCC

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

Chlorobenzoic Acid (para)

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides - see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

Ethoxyquin

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Alternaria; Concentrates; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pesticide Phytotoxicity; Pyrus Malus; Temperature - Air; ...4.0339

Ethrel

PHYSIOLOGY AND CONTROL OF WITCHWEED IN CORN ...Environment Accumulation Rates; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Seeds; ...4.0158

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

REACTIONS OF VEGETABLE CROPS TO APPLIED CHEMICALS, EXCLUSIVE OF NUTRIENTS ...Allium; Cucumis Melo; Dacthal; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0241

CULTURE AND PHYSIOLOGY OF FLUE-CURED TOBACCO ...Air Pollution-chemistry; Growth Substances; Nicotiana; Pesticide Action on Plants; Pesticides -other; Tillage, Cropping Systems; ...4.0295

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS ...Bioassay; Carya; Fruit, Nut, and Berry Crops; Growth Substances; Herbicides and Other Chem; Photosynthesis; Radioisotopes -nonspecific; Tiba; ...4.0315

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Leaf Analysis; Plant Resistance; Pyrus - general; Pyrus Malus; Respiration; Translocation; ...4.0505

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Fenac; Gas Chromatography; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; Residues in Foods; ...4.0770

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Benlate; Chenopodiaceae; Penicillium; Pesticide Residues Removal; Respiration; TBZ; ...4.1047

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY ...Abscission; B9; Fruit Analysis; Naa; Pesticide Residue Analysis; Pesticides - other; Prunus Ceracus & P. Avium; Pyrus Malus; ...4.1084

IAA

PHYSIOLOGICAL AND MORPHOLOGICAL RESPONSE OF PLANTS TO HERBICIDES ...Compositae; Pesticide Interaction - gen.; Plant Absorption -other; Poa Pratensis; Trifolium; ...4.0439

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Bioassay; Carbon; Pesticide Evaluation; Pesticide Interaction With Env; Pesticide Volatility; Plant Absorption - other; ...4.0508

Maleic Hydrazide

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438, ...4.0172

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Growth; Pesticide Interaction With Env; Poa Pratensis; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

PREPARATION AND BIOASSAY OF SMOKE CONDENSATE FROM TOBACCO SAMPLES ...Bioassays; Co-carcinogenesis; Nicotiana; Pesticide Rates -general; Tobacco -cigarettes; Tween-80 -see Surfactants; ...4.0405

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness, Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

BIOASSAY OF SUCKER CONTROL CHEMICALS AND PESTICIDE RESIDUE ON LEAF TOBACCO ...Bioassay; Carbon; Nicotiana; Pesticide Residues; Tobacco Products &/or Smoking; Tween-80 -see Surfactants; ...4.0968

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

KINDS AND LEVELS OF PESTICIDES OR METABOLIC PRODUCTS IN TOBACCO LEAF AND SMOKE ...Fungicides - nonspecific; Nicotiana; Pesticide Rates -general; Pesticides -other; ...4.1089

Naa

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdaa; Chemical Analysis; Citrus; D, 2,4-; Gel Chromatography; Pesticide Residues; Vernolate; ...4.0237

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY ...Abscission; B9; Fruit Analysis; Pesticide Residue Analysis; Pesticides -other; Prunus Ceracus & P. Avium; Pyrus Malus; ...4.1084

Nad

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY ...Abscission; B9; Fruit Analysis; Naa; Pesticide Residue Analysis; Pesticides - other; Prunus Ceracus & P. Avium; Pyrus Malus; ...4.1084

Penar

PREPARATION AND BIOASSAY OF SMOKE CONDENSATE FROM TOBACCO SAMPLES ...Bioassays; Co-carcinogenesis; Maleic Hydrazide; Nicotiana; Pesticide Rates -general; Tobacco - cigarettes; Tween-80 -see Surfactants; ...4.0405

IMPROVEMENTS OF FLUE-CURED TOBACCO BY DEVELOPMENT OF MORE ADEQUATE FERTILIZATION, AND CROPPING SYSTE ...Pesticide Evaluation; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; Soil Tillage; Space Competition; Tillage, Cropping Systems; ...4.0476

BIOASSAY OF SUCKER CONTROL CHEMICALS AND PESTICIDE RESIDUE ON LEAF TOBACCO ...Bioassay; Carbon; Maleic Hydrazide; Nicotiana; Pesticide Residues; Tobacco Products &/or Smoking; Tween-80 -see Surfactants; ...4.0968

KINDS AND LEVELS OF PESTICIDES OR METABOLIC PRODUCTS IN TOBACCO LEAF AND SMOKE ...Fungicides - nonspecific; Maleic Hydrazide; Nicotiana; Pesticide Rates - general; Pesticides -other; ...4.1089

Phosfon

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

Plant Growth Regulators -ns.

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Carbon; Chemical Analysis; Growth Substances; Metabolism of Algacides; Pesticide Degradation -see Deg; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdaa; Chemical Analysis; Citrus; D, 2,4-; Gel Chromatography; Naa; Pesticide Residues; Vernolate; ...4.0237

EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS ON PLANT GROWTH AND DEVELOPMENT ...Herbicides and Other Chem; Pesticide Action on Plants; Plant; Plant Absorption - other; Radioisotopes -nonspecific; ...4.0356

RELATION OF ENVIRONMENT AND CHEMICALS TO PHYSIOLOGY OF POME AND DRUPE FRUIT ...Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Growth Substances; Pesticide Interaction With Env; Pesticides -nonspecific; Plant Pathology - Env. Relat.; Pyrus Malus; Temperature - Air; ...4.0362

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Herbicides and Other Chem; Pesticide Formulation; Picloram; Plant Succession; ...4.0395

FACTORS INFLUENCING THE EFFECTIVENESS OF HERBICIDES ...Agricultural Runoff; Betulaceae; Diuron; Irrigation; Pesticide Evaluation; Soil Types -also See Specifics; ...4.0453

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

MOLECULAR MECHANISMS FOR ACTION OF GROWTH REGULATORS AND HERBICIDES ...Growth Substances; Herbicides -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; ...4.0563

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Cucurbita; Liquids Or Sprays; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC. IN SOILS ...Antibiotics -nonspecific; Benzoic Acid Cpds.; Herbicides -nonspecific; Loam -see Soil Types; Microorganisms -nonspecific; Nitrosomonas -nonspecific; Pesticide Persistance in Soils; Plant Residues, Humus, Compost; Soil Microbiology; ...4.1051

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Clodrin; DDT; Ericaceae; Gardona; Metabolites From Pesticides; Pesticide Residue Analysis; Pesticide Residues in Feeds; ...4.1076

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Aliphatic Carbamates; Chemical Analysis; Disulfoton; Moisture Deficiency; Pesticide in Food Chains; Pesticide Residues; Preventative Measures; Rubus; ...4.1080

THE ROLE OF LIGHT AND TEMPERATURE IN THE GROWTH AND DEVELOPMENT OF PLANTS ...Cold Resistance and Hardiness; Growth; Humidity; Reproductive Physiology; Temperature - Air; X and Gamma Rays; ...5.0682

Tiba

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS ...Bioassay; Carya; Fruit, Nut, and Berry Crops; Growth Substances; Herbicides and Other Chem; Photosynthesis; Radioisotopes -nonspecific; ...4.0315

3 Cpa

ABSCISSION OF TREE FRUITS ...Abscission; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Prunus Persica; ...4.0283

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

Pyridines Ns

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis

Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

Quinone Cpds. -nonspecific

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis; Triazines -nonspecific; ...4.1086

Repellents

Deet

TOXICOLOGICAL EFFECTS OF VARIOUS PESTICIDES AND OTHER AGRICULTURAL CHEMICALS ON LIVESTOCK AND POULTRY ...Acaricides -nonspecific; Fungicides -nonspecific; Herbicides -nonspecific; Nematocides -nonspecific; Pesticide Residue Analysis; Sus; ...4.0871

Rutgers-612

INSECT REPELLENT RESEARCH ...Formulations -nonspecific; Pesticide Toxicity in Humans; ...4.0967

Sulfa Cpds. -nonspecific

INFLUENCE OF NUTRITION ON INSECTICIDE RESIDUES IN CHICKENS ...Birds; Dieldrin; Gallus Domesticus; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0798

Thiocarbamate -nonspecific

PEPTIDE HYDROLASES IN PESTICIDE METABOLISM BY PLANTS ...Carbamates -nonspecific; Glycine; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Evaluation; Plant; Urea Cpds. -nonspecific; ...4.1093

Triazines -nonspecific

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Carbon; Chemical Analysis (water); DDT; Paraquat; Pesticide Residues; Planavin; Soil Chemical Properties; Water Pollutant Identification; ...4.0016

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides -see Pesticide; Simazine; Soil Chemical Properties; Xray Diffraction; ...4.0109

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Xray Diffraction; ...4.0110

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Carbon; Chemical Analysis; Growth Substances; Metabolism of Algacides; Pesticide Degradation -see Deg; Plant Growth Regulators -ns.; Soil Ecology; Soil Microbiology; ...4.0139

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; ...4.0143

MECHANISM OF ADSORPTION OF VARIOUS HERBICIDES BY SOIL HUMIC SUBSTANCES ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Kinetics; Pesticide Persistance in Soils; Soil Amendments; Soil Chemical Properties; ...4.0171

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Adenosine Diphosphate; Cotoran; Glycine; Herbicides and Other Chem; Oligomycin; Pesticide Formulation; Pesticide Phytotoxicity; ...4.0215

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Ves-438; ...4.0277

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Cellular Biosynthesis; Diuron; Herbicides and Other Chem; Nitrogen Metabolism; Pesticide Action on Plants; Photosynthesis; Radioisotopes -nonspecific; ...4.0340

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Bensulide; Environment Accumulation Rates; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; ...4.0404

PESTICIDE INTERACTIONS - INFLUENCE ON PLANT GROWTH AND MECHANISMS OF TOXICITY AND DETOXICATION ...Carbamates -nonspecific; Pesticide Action on Plants; Pesticide Phytotoxicity; Temperature - Air; Urea Cpds. -nonspecific; ...4.0427

MECHANISMS OF PLANT GROWTH REGULATION ...Avena Sativa; Growth Substances; Hydrogen; Pesticide Phytotoxicity; Respiration; Ultra Violet Radiation; ...4.0461

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Climates -general; Flood Irrigation; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Residues; Sandy Soils -see Soil Type; Sprinkler Irrigation; Urea Cpds. -nonspecific; ...4.0484

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Turf; ...4.0490

EFFECT OF SELECTED PESTICIDES ON NUTRITIVE COMPOSITION OF FRUITS AND VEGETABLES ...Daucus Species; Dd; Herbicides and Other Chem; Nemagon; Pesticide Organoleptic Prop.; ...4.0496

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; ...4.0509

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis; Quinone Cpds. - nonspecific; ...4.1086

METABOLIC FATE OF PESTICIDES IN ANIMALS ...Animal; Capra; Feces; Mca-600; Ovis; Pesticide Application Rates; Urine; ...4.1100

Wood Preservatives

Dinitrophenol

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

PHYSIOLOGICAL RESPONSE OF FEMALE RATS AND OFFSPRING TO MULTI-INSECTICIDES AND MINERALS ...DDT; Muridae; Pesticide Action on Animals; Toxicology; ...4.0616

Pesticides Compatibility

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts; Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pyrus Malus; ...4.0055

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam - see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

PERSISTENCE OF HERBICIDES IN SOILS ...Alanap; Gossypium; Pesticide Persistance in Soils; Plant Absorption -other; Root Absorption; Soil pH; Translocation; ...4.0137

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation, Translocation; ...4.0196

INFLUENCE OF HERBICIDES, FUNGICIDES, & INSECTICIDES ON COTTON GERMINATION & SEEDLING VIGOR ...Gossypium; Korax; Pesticide Interaction With Env; Planavin; Soil Microbiology; Temperature - Air; Trifluralin; ...4.0207

WEED CONTROL IN COTTON AND OTHER AGRONOMIC CROPS UNDER IRRIGATED CONDITIONS ...Cultural Control; Diuron; Pesticide Application Rates; Pesticide Residues, Physical Control; Thimet; ...4.0210

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals; Furadan; Insects - Beneficial; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pyrethrum; ...4.0233

BIOLOGY AND CONTROL OF INSECT AND OTHER PESTS OF CUT FLOWERS ...Acaricides -nonspecific; Azodrin; Chrysanthemum; Fungicides -nonspecific; Methomyl; Pesticide Phytotoxicity, Potted Plants -see Ornamentals; ...4.0258

CHEMICAL CONTROL OF MITES AFFECTING CITRUS ...Acaricides -nonspecific; Arachnida; Citrus; Pesticide Application Rates; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0262

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Citrus; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation, Pesticide Phytotoxicity; Petroleum Cpds -nonspecific; Supracide; UC 34096; ...4.0274

CHEMICAL CONTROL OF MITES ATTACKING CITRUS ...Acaricides -nonspecific; Arachnida; Citrus; Pesticide Application Rates; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0276

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Plant; Simetone; Translocation; Triticum; ...4.0306

FUNDAMENTAL STUDIES ON WEED CONTROL ...Cotoran; Fungicides -nonspecific; Herbicides and Other Chem; Liquids Or Sprays; Pesticide Evaluation; Prometryne; Space Competition; ...4.0331

BIOLOGY AND CONTROL OF ORCHARD INSECTS AND MITES ...Acaricides -nonspecific; Arachnida; Concentrates; Lead Arsenate; Oxthioquinox; Pesticide Evaluation; Pesticide Residues, Petroleum Cpds -nonspecific; Phosvel; Population Dynamics - general; Torak; ...4.0347

PESTICIDES AND GROWTH REGULATORS FOR FRUIT CROPS ...Acaricides -nonspecific; Concentrates; Economics of Chemical Control; Liquids Or Sprays; Pesticide Phytotoxicity; Prunus Ceracus & P Avium; Temperature - Air; ...4.0361

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Cdaa; Glycine; Nitrification; Rhizosphere; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

INTERACTION OF COMBINATIONS OF HERBICIDES AND OTHER PESTICIDES IN COTTON PRODUCTION ...Aliphatic Carbamates; Cyclic Organic Cpds -(1 Or ; Diuron ; Malvaceae; Pesticide Evaluation; Planavin; Trifluralin; ...4.0381

THE INTERACTION OF HERBICIDES WITH OTHER APPLIED PESTICIDES ...Fungicides -nonspecific; Herbicides -nonspecific; Nematocides -nonspecific; Pesticide Evaluation; ...4.0387

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Plasmopara; Sulfur; Vitaceae; ...4.0409

CONTROL OF ARTHROPOD PESTS OF COTTON ...Animal Resistance; Costs -see Economics Entries; Gossypium; Pesticide Action on Plants; Pesticide Persistance in Soils; Toxaphene; ...4.0425

PHYSIOLOGICAL AND MORPHOLOGICAL RESPONSE OF PLANTS TO HERBICIDES ...Compositae; IAA; Pesticide Interaction -gen.; Plant Absorption -other; Poa Pratensis; Trifolium; ...4.0439

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING APPLES AND PEARS ...Acarol; Arachnida Formetanate; Guthion; Imidan; Nemacur P; Pesticide Phytotoxicity; Phosdrin; Thiodan; ...4.0442

THE ROLE OF RHIZOSPHERE MICROORGANISMS IN THE ACTION OF HERBICIDES ON PLANTS ...Ammonification Or Decay; Fungicides -nonspecific; Insecticides -nonspecific; Nitrification; Pesticide Interaction With Env; Rhizosphere; ...4.0468

FACTORS AFFECTING PESTICIDE TOXICITY ...Amphibians; Birds; Fish; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; ...4.0656

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; Cell Injury and Autolysis; D, 2,4-; Dicamba; Herbicides and Other Chem; Pesticide Action on Plants; Phaseolus; Propachlor; Translocation; ...4.0875

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Carbon; DDT; Domestic Animals; Muridae; Pesticide Residues; ...4.0883

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Plant Competition; Sorghum; Trifluralin; ...4.0944

Petroleum -see Oil

PRODUCTION PRACTICES FOR FRUITS ...Air Pollution -see Specifics; Cold Resistance; Fruit, Nut, and Berry Crops; Indiana; Prunus Persica; Temperature - Air; ...1.0054

EFFECTS OF CARBON MONOXIDE INDUCED ARRHYTHMIAS ...Air Pollution -see Specifics; Canidae; Carbon Monoxide; Respiratory Irritants, Inhaled; Toxicology; ...1.0220

EFFECTS OF LOW LEVELS OF LEAD ON PROTEIN SYNTHESIS ...Air Pollution -see Specifics; Cellular Biosynthesis; Gases; Respiratory Irritants, Inhaled; ...1.0294

ECOLOGY OF A TROPICAL SHORE - PRE-ANALYSIS FOR POLLUTION STUDIES ...Ecological Effects; Marine Geology; Pollution Effects -see Water; Water Pollution Abatement; ...2.0058

BIODEGRADATION OF OIL SLICKS IN THE MARINE ENVIRONMENT ...Actinomycetes -nonspecific; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Marine Bacteria; Oil; Petroleum Wastes - Spillage; ...2.0248

REVIEW OF THE SANTA BARBARA CHANNEL OIL POLLUTION INCIDENT ...Biological Effects; Channels; Contamination - Water; Marine Biology - General; Oil Removal; Petroleum Wastes - Spillage; ...2.0419

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils, Benthic Organisms -nonspecific; Marine Animals; Marine Environments; Marine Geology; Offshore Oil; Pesticides -nonspecific; Zooplankton; ...2.0560

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Detergents -see Surfactants; Industrial Wastes; Lasers and Masers; Mass Spectroscopy; Pesticides -see Pesticide, Petroleum Research; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

THE IMPACT OF MICROORGANISMS ON OIL ...Bacterial Ecology; Biological Effects; Degradation -see Pesticide Deg; Food Contamination; Louisiana; Ostreidae (oyster); Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0603

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Atlantic Ocean; Fish; Marine Biology - General; Marine Pollution; Pesticides -see Pesticide; Sea Water Sampling; Water Standards & Baselines; ...2.0620

MICROBIAL DEGRADATION OF HYDROCARBONS ...Bacterial Studies -general; Contamination - Water; North Carolina; Water Bacteria; ...2.1070

DEGRADATION OF PETROLEUM AND RELATED COMPOUNDS IN THE BIOSPHERE ...Bacterial Population Surveys, Cellular Catabolism-see Degrad; Ionic Effect; Marine Plants; Oil; Petroleum Research; ...2.1071

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS ...Aquatic Soils, Coastlines -

Shorelines, Degradation -see Pesticide Deg; Marine Biology - General; North Carolina; Swamps - Marshes; Water Chemistry; ...2.1072

POSSIBLE EFFECTS OF CRUDE OIL ON AQUATIC ORGANISMS ...Alaska; Environmental Physiology; Marine Animals; Petroleum Wastes - Spillage; Pollution Effects -see Water; ...2.1477

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Amphibious Plants; Biological Effects; Cirripedia; Contamination - Water; Marine Animals; Marine Environments; Plant Habitat Studies; ...2.1502

DETERMINATION OF THE EFFECTS OF OIL IMMERSION ON SWAMP RABBITS ...Bands; Contamination - Water; Environmental Ecology; Nets; Rabbits; Temperature - Air; ...2.1565

INTERACTION BETWEEN MARINE ORGANISMS AND OIL POLLUTION ...Animal Migration; Contamination - Water; Environmental Geology; Marine Biology - General; ...2.1584

EFFECTS OF THERMAL AND OTHER FORMS OF POLLUTION ON SOME ANADROMOUS FISHES ...Aquatic Ecology - Animal; Environment Resistance-animals; Fresh Water; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Salinity (water); Thermal Pollution; ...2.1641

EVALUATION OF WATERFOWL MORTALITY FACTORS (EXCEPT HUNTING) ...Contamination - Water; Pathology; Pesticides -nonspecific; Waterfowl -nonspecific; ...2.1645

EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON ...Algal Physiology; Bioassays; Cellular Physiology- Env. Eff.; Contamination - Water; Estuaries; Petroleum Wastes - Spillage; Phytoplankton; Zooplankton; ...2.1703

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

NAVY ENVIRONMENT - BIODEGRADATION OF OIL IN SEAWATER ...Biodegradation-see Degradation; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Marine Biology - General; Oil; Oil Removal; ...3.0019

BIODEGRADATION OF OIL IN SEAWATER FOR NAVAL POLLUTION CONTROL ...Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Marine Plants; Microorganisms -nonspecific; Oil; Petroleum Wastes - Spillage; ...3.0020

SINKING METHODS FOR REMOVAL OF OIL POLLUTION FROM WATER SURFACES ...Oil; Petroleum Wastes - Spillage; ...3.0030

NAVY ENVIRONMENT - BIODEGRADATION OF OIL SLICKS IN MARINE ENVIRONMENT ...Cellular Catabolism-see Degrad; Marine Biology - General; Offshore Oil; Oil; Ship Wastes; Waste Water Degradation; ...3.0031

NAVY ENVIRONMENT ENZYMATIC REMOVAL OF OIL IN THE MARINE ENVIRONMENT ...Cellular Catabolism-see Degrad; Marine Biology - General; Offshore Oil; ...3.0034

NAVY ENVIRONMENT - BIOLOGICAL OXIDATION OF PETROLEUM POLLUTANTS ...Cellular Catabolism-see Degrad; Microorganisms -nonspecific; Oil; ...3.0042

IMPROVED CAPABILITIES OF BIOLOGICAL SYSTEMS TO ASSIMILATE OIL ...Activated; Degradation -see Pesticide Deg; Oil Removal; Petroleum Industry; Waste Water Treatment -general; ...3.0243

ABSORPTION AND EXCRETION OF HEPTACHLOR EPOXIDE BY DAIRY CATTLE ...Bos; Heptachlor Epoxide; Pesticide Action on Animals; Pesticide Residues in Feeds; ...4.0648

METABOLISM OF PESTICIDES BY RUMEN MICROBIOTA AND FACTORS INFLUENCING ABSORPTION ...Bacterial Identification; Capra; DDT; Intestinal Bacteria; Microorganism-see Cell Catab.; Pesticide Action on Plants; ...4.0668

URANIUM MINERS EXFOLIATIVE PATHOLOGY ...Caridae; Occupational Hazards; Plutonium; Radiation Effects - Biological; Radon; Tobacco -cigarettes; Uranium; ...5.0737

Petroleum Industry

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Benefit-cost Analysis; Energy Conversion; Government -see Federal Gov.; Legal Studies; Regulatory & Legal; Social Aspects; Water Resources Protection; ...1.0481

THE CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PETROCHEMICAL WASTES ...Chemical Industry; Chemical Manufacturing Wastes; Groundwater; Industrial Wastes; Petroleum Wastes - Spillage; Water Pollution Effects; ...2.0310

SEPARATION AND IDENTIFICATION OF TOXIC COMPOUNDS IN OIL REFINERY EFFLUENTS ...Atomic Absorption; Chromatography; Effluents - Waste Water; Industrial Wastes; Mass Spectroscopy; Petroleum Research; Waste Management -see Specific; Waste Water Treatment -general; ...2.0316

DEGRADATION OF PETROLEUM AND RELATED COMPOUNDS IN THE BIOSPHERE ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Ionic Effect; Marine Plants; Oil; Petroleum -see Oil; Petroleum Research; ...2.1071

MINING-POLLUTION CONTROL TECHNOLOGY - OIL PRODUCTION GROUND WATER RECLAMATION BY SELECTIVE PUMPING ...Brines; Groundwater Basins; Petroleum Research; Recovery - Production; Waste Material Recovery; ...2.1082

THE CATALYTIC OXIDATION OF ORGANICS IN WASTEWATER ...Catalysts; Chemical Industry; Chemical Treatment (water); Kinetics; Organic Matter; Oxidation; ...2.1211

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS ...Animal Predation; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Industrial Wastes; Population Dynamics - general; Water Pollutant Identification; ...2.1674

IMPROVED CAPABILITIES OF BIOLOGICAL SYSTEMS TO ASSIMILATE OIL ...Activated; Degradation -see Pesticide Deg; Oil Removal; Waste Water Treatment -general; ...3.0243

PESTICIDE STRESS EFFECTS ON EXPERIMENTAL ECOSYSTEMS ...Arthropods; Contamination -see Air & Water; Mammals -nonspecific; Pesticide in Food Chains; Pesticide Toxicity -general; Pesticides -nonspecific; Pollution Effects -see Water; ...4.0975

Petroleum Research

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Benefit-cost Analysis; Energy Conversion; Government -see Federal Gov.; Legal Studies; Petroleum Industry; Regulatory & Legal; Social Aspects; Water Resources Protection; ...1.0481

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Energy Conversion; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0632

PROCESSING RETORTING WATERS AND GASES FOR POLLUTION CONTROL ...Effluents - Waste Water; Oil Shale; Recovery - Production; Waste Material Recovery; Water Costs; ...1.0654

CHEMISTRY OF MINERALIZED WATERS ...Arsenic; Bromine; Chlorine; Fluorine; Geology -general; Iodine; Origin; Water Quality -general; ...2.0311

GEOCHEMISTRY OF OILFIELD BRINES ...Analysis and Detection; Bromine; Gas -natural; Mineralogical Water Properties; Origin; Petroleum Wastes - Spillage; Trace Analysis; ...2.0312

SEPARATION AND IDENTIFICATION OF TOXIC COMPOUNDS IN OIL REFINERY EFFLUENTS ...Atomic Absorption; Chromatography; Effluents - Waste Water; Industrial Wastes; Mass Spectroscopy; Waste Management -see Specific; Waste Water Treatment -general; ...2.0316

ARCTIC ENGINEERING GEOLOGY (NASA) ...Alaska; Freight Service; Infrared Radiation; Oil and Natural Gas - Sulfur; Surveying; Transportation Management; ...2.0497

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Detergents -see Surfactants; Industrial Wastes; Lasers and Masers; Mass Spectroscopy; Pesticides -see Pesticide; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

DETERGENT DISPERSANT CHARACTERISTICS OF PETROLEUM FUELS ...Additives; Corrosion; Deterioration; Detergents - see Surfactants; Filtration; Lubricants and Fluids; ...2.1033

DEGRADATION OF PETROLEUM AND RELATED COMPOUNDS IN THE BIOSPHERE ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Ionic Effect; Marine Plants; Oil; Petroleum -see Oil; ...2.1071

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS ...Aquatic Soils; Coastlines - Shorelines; Degradation -see Pesticide Deg; Marine Biology - General; North Carolina; Petroleum -see Oil; Swamps - Marshes; Water Chemistry; ...2.1072

MINING-POLLUTION CONTROL TECHNOLOGY - OIL PRODUCTION GROUND-WATER RECLAMATION BY SELECTIVE PUMPING ...Brines; Groundwater Basins; Petroleum

Industry; Recovery - Production, Waste Material Recovery; ...2.1062

TREATMENT OF OIL WASTES ...Costs -see Economics Entries; Oil; Polymerization; Ships and Cruises; ...2.1434

STUDY OF WASTE DISPOSAL PROBLEMS ...Disposal Wastes; Oil Removal, Waste Management -see Specific; ...2.1465

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

STUDY OF WASTE DISPOSAL PROBLEMS ...Chemical Manufacturing Wastes; Disposal Wastes; Effluent-standards; Waste Treatment; ...3.0357

PROJECT B - CONVERSION OF OIL SHALE AND SHALE OIL - PART 2 - IN SITU RETORTING OF OIL SHALE ...Energy Conversion; Oil Shale; ...3.0408

SUPPORTING RESEARCH FOR IN SITU RESEARCH ...Kinetics; Mechanism Determination; Oxidation; Photochemical Reactions; ...3.0409

Petrology

EUTROPHICATION OF PONDS IN SOME NEW MEXICO LAVA BEDS ...Eutrophication; New Mexico; Plant Productivity -general; Ponds; Primary Productivity - Plants; ...2.0059

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Carbonates; Chemical Effects; Forecasting - Prediction; Groundwater Movement; Mass Transfer; Nuclear; Seismology; Water Pollutants - Path of; ...2.0062

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Georgia; Groundwater Movement; Lithology; Natural Recharge; Specific Rock Unit; Water Table; ...2.0112

RESEARCH TRACE METHODS ...Electroanalyses; Fluorine; Geological Exploration; Mercury; Trace Element Analysis; ...2.0518

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Geochemical Analysis (water); Idaho; Quaternary Period; Structural Analysis - Geology; Tertiary Period; Water Cycle; Water Pollution Sources; Water Storage; ...2.1240

HYDROLOGY OF THE CRYSTALLINE ROCK SYSTEM IN SOUTHEASTERN STATES ...Alabama; Groundwater; Maryland; Piedmont Province; Southeast U. S.; Water Quality -general; Water Yield; ...2.1660

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Element Ratios; Environmental Geology; Evolution; Genetic Relationships; Geochemical Investigations; Lead; Radiochemical Analysis; Uranium; ...5.0016

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE: THE MINERALIZATION OF ORGANIC NITROGEN IN SOILS FROM VOLCANIC MATERIAL ...Alluvium - Alluvial; Humid Climates; Organic Soils -see Soils; Radiation Effects - Biological; Sediment Lithification; Soil Chemical Properties; Soil Organic Content; ...5.0219

Phenols

THE EFFECT OF INFLUENZA VIRUS AND NICOTINE ON THE NUCLEAR STRUCTURE OF CILIATED HUMAN EPITHELIUM ...Air Pollution -see Specifics; Mammals -nonspecific; Respiratory Irritants, Inhaled; Time-lapse Photography; Viral Carcinogenesis; ...1.0199

ACTION OF AIR POLLUTANTS ON PLANTS AND METHODS OF DAMAGE CONTROL ESPECIALLY THROUGH RESISTANCE ...Air Pollution -see Specifics; Cellular Biosynthesis; Ornamentals; Phaseolus; Pigments; Polygonaceae; ...1.0351

AIR POLLUTION DAMAGE IN WHITE PINE ...Pinus strobus; Pollutant Resistance; ...1.0437

ANALYTICAL METHODS FOR AROMATICS IN AUTO EXHAUST ...Air Pollution-chemistry; Chemical Carcinogenesis; Combustion; Gas Chromatography; Trace Analysis; ...1.0739

ANALYSIS OF FLAVONOLS AND OTHER PHENOLS ...Air Pollution -see Specifics; Air Pollution-chemistry; Bioindicators; Biological Organisms; Natural Sources; Particulates - Air Pollution; Pollens -see Air Pollution; ...1.0792

PLANT PHENOLS AND RELATED ORGANIC COMPOUNDS IN PUBLIC WATER SOURCES, THEIR RELATIONSHIP TO CHLORINATION ...Chlorination; Forest Debris; New England Province; Toxicology; Water Pollution Effects; ...2.0354

TASTES AND ODORS IN WATER SUPPLIES ...Actinomycetes - nonspecific; Algal Pollutant Sources; Nitrogen and Nitrogen Cpds.; Potable Water; Taste & Odor of Water; Water Pollution - see Specifics; Water Quality -general; ...2.0486

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

DESTRUCTION OF INFECTIOUS VIRAL NUCLEIC ACID BY IODINE ...Chemical Treatment (water); Food Contamination; Iodine; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.0930

BACTERIOLOGY OF BIODEGRADABLE SURFACTANTS ...Bacilli -nonspecific; Bacterial Morphology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Escherichia Coli; Staphylococcus -nonspecific; Surfactants -see Detergents; ...2.1492

SOLID AND LIQUID WASTES ...Activated Sludge; Flocculation; Salmonella -nonspecific & -ot.; Solid Waste; Waste Water - general; ...3.0219

DETERMINE LIGNIN STRUCTURE AND BIOSYNTHESIS ...Aldehydes -nonspecific; Enzymes; Forest Industry; Hydrolysis, Esterification; Oxidants; Plant Waste Removal, Treatment; ...3.0371

UTILIZATION OF WASTE BARK ...Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Product Development Research; ...3.0397

THE RECOVERY AND CHARACTERIZATION OF AGRICULTURAL CHEMICALS FROM SPENT PULP CHLORINATION LIQUORS ...Algacides -nonspecific; Ceratocystis; Insecticides - nonspecific; Penicillium; Waste Material Recovery; ...4.0058

EFFECT OF PCNB ON PALATABILITY AND COMPOSITION OF POTATOES ...Home Economics; Pellicularia; Pesticide Organoleptic Prop.; Solanum; Terrachlor; Vegetables; ...4.0342

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Animal; Furadan; Muridae; Pesticide Residues Removal; Plant; Residues in Foods; ...4.0932

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals; Pesticide Interaction With Env; Soil pH; Stickers; Thuricide; ...4.0969

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

ECONOMICS OF PERSISTENT INSECTICIDE RESIDUES ...Degradation: Environment Accumulation Rates; Ericaceae; Literature Search; Methyl Parathion; Pesticide Residues; ...4.1050

EFFECT OF ENVIRONMENTAL PARAMETERS ON PESTICIDAL STABILITY ...Degradation; Environmental Effects - Human; Metabolites From Pesticides Piperonyl Butoxide; Radiation Sources -general; Toxic Substances; ...4.1087

STUDY OF THRIPS TABACI, ITS BIOLOGY AND ECOLOGY, A VIRUS VECTOR ON TOBACCO ...Animal Life History Studies; Insect Resistance; Nicotiana; Pesticide Residue Analysis; Population Dynamics -general; ...4.1134

PENETRATIVE AND METABOLIC EFFECTS OF LOW INTENSITY ULTRASOUND IN NERVE AND MUSCLE WITH AND WITHOUT EXTERNALLY ADDED CORTISOL ...Metabolism & Metab. Diseases; Sus; Ultrasonic -bioeffects; ...6.0107

Philippines

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Foreign Agriculture: Neutron -see Radiation; Plants; ...5.0597

Phosphorus and Phosphorus Cpds

CONTUNUOUS MEASUREMENTS OF AIRBORNE AND PRECIPITATION RADIOACTIVITY AND METEOROLOGI-

CAL APPLICATION ...Atmospheric Dynamics; Fallout -see Radioactive; Nuclear Detonations; Radioactive Fallout; Scintillation Counting; Spectrographic Techniques; Tracers; Troposphere; ...1.0044

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Combustion Air Pollution-gen; Gases; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Temperature; Water Pollution -see Specifics; ...1.0061

ATMOSPHERIC DUST AND MOLD SPORE STUDIES ...Air Pollution -see Specifics; Dust; Health & Geographic Factors; Mercury; North Dakota; ...1.0115

EFFECTS OF FLUORIDES IN AIR, WATER, AND SOIL ON GROWTH, QUALITY, AND YIELDS OF TREE, FIELD, AND VEGETABLE CROPS ...Air - Water - Plant Relations; Aluminum; Fluorine; Gases; Mineral Nutrition; Soil Water Plant Relationships; Zinc; ...1.0319

EFFECTS OF FLUORIDE ON PHOSPHORUS METABOLISM OF PLANTS ...Air Pollution -see Specifics; Fluorine; Growth; Metabolism; Phaseolus; Respiration; ...1.0431

VEGETABLE CROPS IMPROVEMENT THROUGH BREEDING ...Allium; Daucus Species; Fusarium; Vegetables; ...1.0435

INCLUSION ADDUCTS FOR AIR PURIFICATION ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0636

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Bacterial Population Surveys; Column Chromatography; Electrophoresis; Isotope Tracer -see Tracers; Phosphorus; Sewage; Sewage Bacteria; ...2.0020

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Eutrophic Lakes; Ion Exchange; Lakes; Sediments; Soil Chemical Properties; ...2.0086

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage; Cropping Systems; Water Quality -general; ...2.0098

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AS AFFECTED BY IRRIGATION ...Aquifers; Chemical Analysis (water); Fertilizers; Nitrogen and Nitrogen Cpds.; Water Quality -general; ...2.0121

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Lime Treatment; Model Studies; Optical Properties of Water; Organic Water Properties; Swamps - Marshes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0142

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water); Alkalinity (water); Chemical Water Properties; Drainage; Drainage Engineering; Mineralogical Water Properties; Pesticide Residues; Zea Mays - Field Corn; ...2.0149

WATER QUALITY DEGRADATION BY SEPTIC TANK DRAINAGE ...Degradation -see Pesticide Deg; Maine; Septic Tanks; Water Quality Control -general; ...2.0165

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Turbidity (water); Water Quality Control -general; ...2.0166

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Recreation; Water Resources; Urban Research -general; ...2.0180

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Animal Productivity; Density; Dystrophic Lakes; Nutrients; Organic Water Properties; Plant Productivity -general; Stratification (water); ...2.0195

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Sediments; Water Depth, Water Levels; ...2.0205

DEVELOPMENT OF A MATHEMATICAL MODEL TO PREDICT THE ROLE OF SURFACE RUNOFF AND GROUND WATER FLOW IN OVERFERTILIZATION OF SURFACT WATERS ...Agricultural Runoff; Eutrophication; Groundwater; Mathematical Models; Minnesota; Water Balance - Budget; ...2.0208

STUDIES ON INORGANIC NUTRIENT ASSIMILATION RATES IN ESTUARINE PONDS ...Estuaries; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Nutrients; Ponds; ...2.0212

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Mississippi; Radioactivity Studies -general; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Erosion; Forecasting - Prediction; Leaching; Model Studies; Nitrogen and Nitrogen Cpds.; Rain; Soil Moisture; Temperature - Air; ...2.0250

CANADARAGO LAKE EUTROPHICATION STUDY ...Agricultural Runoff; Biological Water Properties; Data Acquisition; New York; Sewage - Domestic; Soil Tillage; Urban Runoff; ...2.0256

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Algal Physiology; Environmental Influences; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Phytoplankton; Temperature (water); ...2.0263

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN ...Aquatic Distribution; Environmental Influences; Lower Plants; Phytoplankton; Runoff (water); Taxonomy -plant; Water Quality -general; ...2.0274

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Algal Physiology; Estuaries; Eutrophication; Marine Plants; North Carolina; Phytoplankton; Water Pollutant Identification; ...2.0291

PHOSPHATE MINING EFFLUENT IN ESTUARINE ECOLOGY ...Amphibious Plants; Contamination - Water; Ecological Effects; Estuaries; Mining Industry; Pollution Effects -see Water; Toxic Minerals; ...2.0292

WATER CONTAMINATION BY FERTILIZER NITROGEN AND PHOSPHORUS ...Agricultural Runoff; Fertilizers; Nitrogen and Nitrogen Cpds.; North Carolina; Soil Chemical Properties; Subsurface Runoff; ...2.0294

NUTRIENT EXCHANGES AND SOURCES OF NITROGEN AND PHOSPHORUS IN THE UPPER SHEYENNE RIVER WATERSHED ...Lakes; Nitrogen and Nitrogen Cpds.; North Dakota; Nutrients; Reservoirs and Impoundments; Water Pollutant Identification; Watersheds; ...2.0296

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Chemical Properties; Eutrophication; Geochemical Analysis (water); Mineralogical Water Properties; Nutrients; Organic Properties; Soil Chemical Properties; Water Bacteria; ...2.0336

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and

Nitrogen Cpds.; Pesticides -see Pesticide; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

EFFECT OF DREDGING ON THE NUTRIENT LEVELS AND BIOLOGICAL POPULATIONS OF A LAKE ...Acidity (water); Biological Water Properties; Lakes; Nutrients; Phytoplankton; Silting (water) -see Sediment; Turbidity (water); ...2.0365

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Water Quality -general; ...2.0385

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Atomic Plants; Columbia River; Energy Conversion; Fish; Periphyton; Water Pollution Sources; Zinc; ...2.0420

PLANT-AVAILABLE PHOSPHORUS STATUS OF LAKES ...Algae -nonspecific; Chemical Analysis (water); Deposits; Eutrophication; Microorganisms -nonspecific; Phosphorus; ...2.0436

ROLE OF PHOSPHORUS-SEDIMENT INTERACTIONS IN EUTROPHICATION ...Chemical Properties; Eutrophication; Lake Deposits; Mineralogical Properties; ...2.0437

DETECTION OF LIMITING AND SURPLUS NUTRIENTS IN ALGAE ...Algae -nonspecific; Algal Physiology; Ecological Effects; Environmental Influences; Nitrogen and Nitrogen Cpds.; ...2.0440

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algae - Cyanophyta; Algal Pollutant Sources; Chelation & Complexing; Detergent Builders; Mineralogical Water Properties; Water Chemistry; Wisconsin; ...2.0441

ROLE OF SULFATE AND MANGANESE OXIDES ON THE RELEASE OF PHOSPHORUS FROM LAKE SEDIMENTS ...Chemical Properties; Eutrophication; Lake Deposits; Leaching; Water Chemistry; ...2.0447

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection; Chemical Water Properties; Growth; Lakes; Nitrogen and Nitrogen Cpds.; Stratification (water); Temperature; ...2.0448

NUTRIENT ENRICHMENT OF RUN-OFF WATERS BY SOILS. ENRICHMENT POTENTIAL OF URBAN SOILS IN THE CITY OF MADISON ...Forecasting - Prediction; Nutrients; Soil Chemical Properties; Urban Environment; Wisconsin; ...2.0454

EUTROPHIC EVALUATION OF A SMALL MULTI-LAND USE WATERSHED ...Environmental Geology; Lake Michigan; Nitrogen and Nitrogen Cpds.; Small Watersheds; Urban Environment; Wisconsin; ...2.0455

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Recreation; Water Resources; Sampling; Types of Resources; Urban Research -general; Water Pollution Sources; ...2.0479

A PRELIMINARY INVESTIGATION OF THE ROLE OF SEDIMENTS IN EUTROPHICATION ...Chemical Water Properties; Isotope Tracer -see Tracers; Mechanism Determination; Sediments; ...2.0578

QUALITY OF TILE EFFLUENT ...Chemical Analysis (water); Drainage; Effluents - Waste Water; Floods; Nitrogen and Nitrogen Cpds.; Phaseolus; Soil Analysis; Zea Mays - Field Corn; ...2.0587

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Plant Freshwater Ecology; Recreation; Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

RELATION OF PHOSPHORUS IN LAKE BOTTOM DEPOSITS AND POLLUTIONAL HISTORY OF MINNESOTA LAKES ...Core Analysis; Environmental Geology; Lakes; Nutrients; ...2.0645

MINERALIZATION OF ORGANIC PHOSPHORUS IN OLIGOTROPHIC LAKE SEDIMENTS ...Aluminum; Catalysts; Chemical Water Properties; Hydrolysis; Esterification; Lime Treatment; Microorganisms -nonspecific; ...2.0692

DEVELOPMENT OF PROVISIONAL ALGAL ASSAY PROCEDURE ...Algae -nonspecific; Algal Physiology; Bioindicators; Nitrogen and Nitrogen Cpds.; Nutrients; Statistics; Water Pollutant Identification; ...2.0707

DISSOLVED INORGANIC REMOVAL BIOASSAY OF ALGAL GROWTH POTENTIAL ...Algae -nonspecific; Algal Pollutant Sources; Cellular Metabolism - Controls; Nitrogen and Nitrogen Cpds.; Tertiary Treatment; ...2.0718

DETECTION OF NUTRIENT LIMITATIONS OF ALGAL GROWTH IN SURFACE WATERS ...Algae -nonspecific; Algal Physiology; Eutrophication; Nitrogen and Nitrogen Cpds.; Plant Tissue Analysis -chem.; ...2.0765

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; Sewage; ...2.0848

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algae -nonspecific; Algal Physiology; Contamination - Water; Mineralogical Water Properties; Plant Physiological Ecology; Plant Species Diversity; Seasonal Distribution; Wisconsin; ...2.0853

LIMNOLOGY--NUTRIENT-BIOTIC RELATIONSHIPS IN THE UPLAKE REGION OF BEAVER RESERVOIR ...Animal Productivity; Benthic Organisms -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Plankton; Reservoirs and Impoundments; Water Properties -general; ...2.0961

REVERSAL OF EUTROPHICATION THROUGH ARTIFICIAL AERATION OF LAKES ...Aeration (water); Benthic Fauna; Eutrophic Lakes; Michigan; Primary Productivity - Plants; Vertical Distribution; ...2.1045

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

NUTRIENT ASSIMILATION RATES - FIELD STUDIES ...Channels; Estuaries; Nitrogen and Nitrogen Cpds.; Nutrients; Ponds; ...2.1052

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

A STUDY OF THE REMOVAL OF CARBONACEOUS, NITROGENOUS AND PHOSPHORUS MATERIALS FROM CONCENTRATED PROCESS WASTE STREAMS ...Digestion, Nitrogen and Nitrogen Cpds.; Process Design; Waste Water Treatment -general; ...2.1164

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Algae -nonspecific; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Pilot Plants; Process Design; Turbidity (water); Waste Water Treatment -general; ...2.1170

EFFECT OF PHOSPHORUS REMOVAL PROCESSES ON ALGAL GROWTH ...Algae -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Nutrients; Recreation; Water Resources; Waste Water Treatment -general; Water Resources Protection; ...2.1177

UPTAKE AND RELEASE OF SOLUBLE ORTHOPHOSPHATE BY ACTIVATED SLUDGE ...Activated Sludge; Aeration (water); Gases; Ionic Effect; Microorganisms -nonspecific; Temperature; ...2.1257

BIOMASS PRODUCTION FOR THE IMPROVEMENT OF THE QUALITY OF FOOD PROCESSING PLANT EFFLUENTS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Industrial Wastes; Nitrogen and Nitrogen Cpds.; Waste Water Treatment -general; ...2.1260

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Food Processing Industries; Gallus Domesticus; Infiltration; Nitrogen and Nitrogen Cpds.; Percolation (water); Soil Moisture; Sprinkler Irrigation; Water Quality -general; ...2.1287

THE RATE OF NITROGEN AND PHOSPHORUS STRIPPING FROM SEWAGE LAGOONS BY AQUATIC ANGIOSPERMS ...Absorption (incl. Adsorption); Ceratophyllaceae; Haloragaceae; Nitrogen and Nitrogen Cpds.; Nymphaeaceae; Ranunculaceae; Waste Water Treatment -general; ...2.1304

FORAGE CROP IRRIGATION WITH OXIDATION POND EFFLUENT ...Agricultural Runoff; Coliforms -nonspecific; Furrow Irrigation; Mississippi; Nitrogen and Nitrogen Cpds.; Sorghum; Storm Water; Water Table; ...2.1316

EVALUATION OF CURRENT TECHNIQUES OF NUTRIENT REMOVAL FROM WASTE WATERS ...Biological Treatment-general; Chemical Treatment -general; Nitrogen and Nitrogen Cpds.; Waste Treatment Economics; ...2.1318

A NEW APPROACH FOR WATER RECLAMATION - COMPLETE TREATMENT OF WASTE WATER BY PHYSICO-CHEMICAL PROCESSES ...Bacteria; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Sewage - Domestic; Waste Water Treatment -general; ...2.1324

PERFORMANCE OF INTERMITTENT SAND FILTERS ...Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Sand Filters; Water Pollution Abatement; ...2.1342

TERTIARY TREATMENT OF ANIMAL WASTE WATERS ...Aerobic Waste Water Treatment; Bod; Denitrification -see Nitrogen; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1346

DEMONSTRATING THE EFFECT OF NUTRIENTS IN OXIDATION POND RECEIVING STREAMS ...Biochemical Oxygen Demand; Lagoon; Nitrogen and Nitrogen Cpds.; Nutrients; Pond; Waste Water Treatment -general; ...2.1383

MICROBIOLOGICAL CHARACTERIZATION OF ACTIVATED SLUDGE IN A WASTEWATER TREATMENT PLANT CHEMICALLY MODIFIED FOR PHOSPHORUS REMOVAL ...Activated Sludge; Bacterial Identification; Cellular Physiology- Env. Eff.; Organics; ...2.1405

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

PHOSPHATE UPTAKE, STORAGE, AND RELEASE BY MICROORGANISMS IN WASTEWATER TREATMENT ...Carbon; Microorganisms -nonspecific; Nutrients; Recycle Water; Sewage Bacteria; Sludge; Waste Water Treatment -general; ...2.1451

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Adsorption; Algal Physiology; Colloidal Phenomena; Eutrophication; Gases; Microorganisms -nonspecific; Sewage Bacteria; Waste Water Treatment -general; ...2.1463

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Amaranthaceae; Effluent-standards; Eutrophication; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Physiography -general; Pontederiaceae; Sewage; ...2.1467

THE EFFECT OF POLLUTION ON THE DISTRIBUTION OF LPP PHYCO-VIRUSES IN RELATION TO POLLUTION OF THE CHRISTINA RIVER ...Acidity (water); Delaware; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Water Quality - general; ...2.1522

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal; Chemical Water Properties; Estuaries; Georgia; Invertebrates -nonspecific; Physical Water Properties; Pulp and Paper Wastes; Turbidity (water); ...2.1537

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...3.1575

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation; Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

EFFECTS OF RECENT AND PAST PHOSPHATE FERTILIZATION ON THE AMOUNTS OF PHOSPHORUS PERCOLATING THROUGH SOIL PROFILES INTO SUBSURFACE WATERS. ...Adsorption; Fertilizers; Mineralogy; Model Studies; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Organic Content; ...3.1616

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae; Eutrophication; Fertilizers -aquatic; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Nutrients; Plant Freshwater Ecology; Potamogetonaceae; ...2.1650

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Recreation; Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology, Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

PLANNING AND SPECIAL STUDIES ...Aeration (water); Meetings; Nitrogen and Nitrogen Cpds.; Toxic Minerals; Water Quality -general; Water Resources Planning; ...2.1802

UNIT OPERATIONS STUDIES - WHITE PHOSPHORUS AND WASTE CONTROL ...Chemical Manufacturing Wastes; Detectors and Sensors; Effluent-standards; Leakage; ...3.0027

UTILIZATION OF FLORIDA PHOSPHATE SLIMES ...Acid Mine Wastes; Ceramics; Fresh Water; Sediments; Waste Material Recovery; Water Reuse; ...3.0128

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Biochemical Oxygen Demand, Environment Resistance-animals; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Sewage Lagoons; Space Requirements; Taste & Odor of Water; ...3.0132

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Animal Wastes - Feed Lots; Chlorine; Farm Animal Wastes; Lysimeters; Percolation (water); Sprinkler Irrigation; Water Application Methods; ...3.0166

WASTE MANAGEMENT, CONTROL, AND DISPOSAL IN MIDWEST BEEF FEEDLOTS ...Animal Wastes - Feed Lots; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rainfall - Runoff Relationship; Storm Water; Waste Water Treatment -general; ...3.0212

CHEMICAL-PHYSICAL WASTE TREATMENT PLANT DEMONSTRATION ...Carbon Filters; Hydrolysis, Esterification; Virus; Water Reuse; ...3.0227

CATTLE FEEDLOT PEN DESIGN ...Biochemical Oxygen Demand, Chemical Oxygen Demand; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Sludge; Water Quality Control -general; ...3.0273

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Groundwater; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Trickling Filters; Waste Disposal on Soils; Water Quality Control -general; ...3.0279

SUBSURFACE DISPOSAL OF ANIMAL MANURE ...Animal Wastes - Feed Lots; Chlorine; Denitrification; Farm Animal Wastes; Feces; Plant Tissue Analysis -chem.; Soil Fertility; Waste Disposal, Underground; ...3.0296

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

SOLUBLE PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Alum Waste Water Treatment; Sewage; Sewage Bacteria; ...3.0300

PHOSPHORUS REMOVAL BY TRICKLING FILTER SYSTEMS ...Biochemical Oxygen Demand, Solid Waste; Trickling Filters; Waste Management -see Specific; Wisconsin; ...3.0347

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Analysis and Detection; Biochemical Oxygen Demand, Effluent-standards; Nitrogen and Nitrogen Cpds.; Septic Tanks; Silty Soils; Water Pollutant Identification; ...3.0350

BROILER MANAGEMENT ...Aflatoxins; Gallus Domesticus; Nitrogen and Nitrogen Cpds.; Waste Disposal on Soils; ...3.0358

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources; Aquatic Soils; Growth; Haloragaceae; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Photoperiodism; Plant Tissue Analysis -chem.; Temperature (water); ...4.0053

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Carbamates -nonspecific; Fertilizers; Land Use; Monitoring Systems; Nutrients; Pesticides -see Pesticide; Soil Analysis; ...4.0056

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff, Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Deson; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistence in Soils; Plant Tissue Analysis -chem.; Secale; Solanum; Vicia; ...4.0469

EFFECT OF PROCESSING ON SYSTEMIC PESTICIDES IN COFFEE, PINEAPPLE, AND TOMATO ...Bayer Compounds; Chemical Analysis; Food Contamination; Pesticide Action on Plants; Rubiaceae; ...4.0472

EFFECT OF PHOSPHORUS INSECTICIDES ON QUALITY OF ALFALFA HAY ...Demeton; Malathion; Nitrogen and Nitrogen Cpds.; Pesticide Action on Plants; Pesticide Residues; Temperature - Air; Tissue Accumulation Rates; ...4.0521

MINERAL IMBALANCE IN BLUEGILLS EXPOSED TO MALATHION PESTICIDE-INDUCED MINERAL IMBALANCE IN FISH ...Laboratory Animals; Lepomis Macrochirus; Malathion; Pesticides -see Pesticide; Zinc; ...4.0727

MINERAL INTERACTIONS WITH PESTICIDES ...Domestic Animals; Metabolites From Pesticides; Pesticide Action on Animals; Ronnel; Urine; ...4.0858

OXIDATIVE DEALKYLATION OF PESTICIDES ...Bidrin; Chemical Degradation; Dieldrin; Laboratory Animals; Muridae; Phosphamidon; ...4.0958

AUTOMATED ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Chlorine; Organophosphorous Cpds.; Pesticide Residues; Residues in Foods; ...4.1003

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties; Eastern U. S.; Gramineae; Model Studies; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; Water Cycle; ...5.0032

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls, Enzymes, Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Radiation Effects -see Rad.; ...5.0162

METABOLISM AND REMOVAL OF SR 90 AND RA 226 IN MAN ...Aluminum; Beta Particles; Digestive System - Human; Feces; Muridae; Radiation Injury Prevention; ...5.0316

SURVEILLANCE - RADIATION EFFECTS IN GASES, LIQUIDS, METALS AND SEMICONDUCTOR MATERIALS ...Arsenic; Electronic Components; ...5.0514

STUDY OF THE LATENT EFFECTS OF GAMMA IRRADIATION ON HUMAN ENAMEL ...Dyes -nonspecific; Radiation Effects - Biological; Sulfur; X and Gamma Rays; ...5.0568

EFFECT OF PH ON CALCIUM AND PHOSPHORUS DEMINERALIZATION OF IRRADIATED TOOTH ENAMEL ...Dyes -nonspecific; Sulfur; X and Gamma Rays; ...5.0569

THE METABOLISM OF STRONTIUM AND RELATED NUCLIDES IN POULTRY ...Calcium; Gallus Domesticus; Phosphorus; Radiation Effects, Strontium; Vertebrates Excl. Man; X and Gamma Rays; ...5.0673

IN-VIVO NEUTRON ACTIVATION ...Americum; Calcium; Chlorine; Fast Neutrons; Iodine; Models (physical) of Anim.&man; Neutron Generator; Nitrogen and Nitrogen Cpds.; Radiation, Whole Body; ...5.0896

Photochemical Reactions

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Air Pollution-chemistry; Combustion; Effects; Mechanism Determination; Oxidants; Solar Radiation -sunshine; ...1.0006

AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Combustion; Energy Conversion; Fuels; Mass Spectroscopy; Wall Effects; ...1.0009

FORMATION OF THE STRATOSPHERIC AEROSOL ...Aerosols; Atmosphere Composition; Model Studies; Particulates - Air Pollution; Stratosphere; ...1.0086

EVALUATE FEASIBILITY AND NATURE OF A POSSIBLE PARTICULATE STANDARD FOR MOTOR VEHICLES ...Air Pollution; Cars; Fuels; Lead; Particulates - Air Pollution; Visibility; ...1.0108

EFFECT OF FUEL VOLATILITY ON AUTOMOTIVE EMISSIONS ...Air Pollution-chemistry; Combustion; Engine; Engines; Fuels; ...1.0123

CHARACTERISTICS AND PHOTOCHEMICAL REACTIVITY OF FUEL COMPONENTS AND COMBUSTION PRODUCTS ...Air Pollution-chemistry; Combustion; Gas Chromatography; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0127

RESEARCH INITIATION - PHOTOOXIDATION IN HYDROCARBON-NITROGEN OXIDE SYSTEMS. A CHARCTERIZATION OF REACTOR WALL EFFECTS ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Radiation; Reactors; Temperature; Wall Effects; ...1.0139

TVA PLUME STUDIES ...Air Pollution-chemistry; Combustion; Furnace and Incinerator Design; Particulates - Air Pollution; Power Plants; ...1.0141

ANALYSIS OF THE ATMOSPHERIC PHOTOCHEMICAL REACTION PRODUCTS OF TERPENES ...Air Pollution -see Specifics; Air Pollution-chemistry; Chemical Analysis -general; Conifers; ...1.0157

EYE IRRITATION RESPONSE MEASUREMENTS FOR EVALUATION OF PHOTOCHEMICAL REACTIVITIES OF HYDROCARBON-NO-AIR AND BENZALDEHYDE-NO-AIR MIXTURES ...Air Pollution -see Specifics; Air Pollution-chemistry; Aldehydes -nonspecific; Nitrogen and Nitrogen Cpds.; Oxidants; Radiation -see Specifics; Sulfur Dioxide; ...1.0383

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Agricultural Economics; Air Pollution-chemistry; Forest Environment -general; Land Use; Losses Due to Pollution; Recreation, Water Resources; Remote Sensing; Smog; Value; ...1.0456

GENERATION AND DECAY OF SMALL IONS ...Aerosols; Air Pollution-chemistry; Coagulation; Detectors and Sensors; Electroanalyses, Heat Transmission; Oxidation; ...1.0731

CONTROLLED CONVERSION OF GASES INTO DETECTABLE PARTICLES ...Air Pollution Analysis; Chemical Analysis - general; Gases; Particulates - Air Pollution; Rate of Reaction; ...1.0741

HETEOGENEOUS REACTIONS IN AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Corrosion, Deterioration; Nitrogen and Nitrogen Cpds.; Oxidation; Zinc; ...1.0861

PHOTOCHEMISTRY OF SUBSTANCES PRESENT IN URBAN AIR ...Air Pollution-chemistry; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Oxidation; Rate of Reaction; Spectrographic Techniques; Urban Research -general; ...1.0863

POLARIZATION OF E.M. RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Air Pollution-chemistry; Effects; Light Visible Specroscopy; Polarography; Tectonics; Ultraviolet Spectroscopy; ...1.0865

CHEMICAL AND SPECTROSCOPIC INVESTIGATION OF AIR POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Detectors and Sensors; Light Visible Specroscopy; Ultraviolet Spectroscopy; ...1.0868

MECHANISMS OF PHOTOCHEMICAL REACTIONS IN URBAN AIR ...Aerosols; Air Pollution-chemistry; Lead; Nitrogen and Nitrogen Cpds.; Oxidation; Particulates - Air Pollution; Urban Research -general; ...1.0869

PHOTOCHEMICAL REACTIONS IN A FLOW REACTOR ...Aerosols; Flow Reactor; Infrared Spectroscopy; Light-catalyzed; ...1.0871

THE CHEMISTRY AND PHOTOCHEMISTRY OF AIR POLLUTANTS ...Air Pollution-chemistry; Atmospheric Dynamics; ...1.0874

TRACER STUDIES IN AIR POLLUTION - SULFUR DIOXIDE ...Aerosols; Catalysis, Heterogeneous; Energy Conversion; Isotope Tracer -see Tracers; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0875

OXIDATION MECHANISMS ON SUPPORTED CHROMIA CATALYSTS ...Air Pollution-chemistry; Catalysis, Heterogeneous; Combustion; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Oxidation; ...1.0884

PHOTOSENSITIZED OXYGENATIONS ...Air Pollution -see Specifics; Isotope Effects; Mechanism Determination; Photoactivation and React; Pollution Effects -see Water; Vertebrates - nonspecific; ...1.0889

CHEMISTRY OF SINGLET OXYGEN FROM OZONE SOURCES ...Air Pollution-chemistry; Gases; Oxidation; Ozonization; Smog; ...1.0894

ASPECTS OF CHEMICAL REACTIONS OF AIR POLLUTANTS ...Air Pollution-chemistry; Degradation; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0900

EVALUATION OF THE EFFECTS OF SO2 AND NO ON THE PHOTOCHEMICAL REACTIVITY OF AIR PARCELS OF THE N.Y.C. - N.J. AREA ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidants; Rate of Reaction; ...1.0902

ELEMENTARY REACTIONS IN POLLUTED ATMOSPHERES ...Air Pollution-chemistry; Degradation; Free Radical Reactions; Mechanism Determination; Oxidation; Photolysis; Rate of Reaction; ...1.0905

PHOTOCHEMICAL GAS-PARTICLE INTERACTIONS ...Air Pollution-chemistry; ...1.0906

ELEMENTARY REACTIONS IN PHOTOCHEMICAL SMOG ...Air Pollution-chemistry; Atmospheric Dynamics; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Smog; ...1.0907

MECHANISMS OF PHOTOCHEMICALLY INITIATED OXIDATION ...Air Pollution-chemistry; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Oxidation; Rate of Reaction; ...1.0908

CONVERSION OF NO TO NO2 IN POLLUTED ATMOSPHERES ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Photolysis; Quantum Yield; Rate of Reaction; Urban Research -general; ...1.0912

AN INVESTIGATION OF ACID MINE DRAINAGE CHEMICAL POLLUTANTS USING LASER-RAMAN AND INFRARED SPECTROSCOPIES ...Acid Mine Wastes; Chemical Analysis (water); Infrared Spectroscopy; Mine Drainage Control; Raman Spectroscopy; Zinc; ...3.0764

CONTROL OF GEOTRICHUM CANDIDUM IN BIOLOGICAL WASTE TREATMENT ...Carbon; Coagulation; Fungal Pollutant Sources; Geotrichum; Sewage Lagoons; Waste Water Treatment - general; Zinc; ...3.1410

SUPPORTING RESEARCH FOR IN SITU RESEARCH ...Kinetics; Mechanism Determination; Oxidation; Petroleum Research; ...3.0409

CHEMICAL REACTIONS INDUCED BY ULTRAVIOLET AND IONIZING RADIATION ...Kinetics; Mechanism Determination; Nuclear Radiation; Radiation; Radiolysis; ...5.0017

LASER RADIATION IN PHOTOCHEMISTRY AND PHOTOBIOLOGY ...Dyes -nonspecific; Flash; Hazardous Materials; Laser Effects -bioeffects; Radiation; Radiation Chemistry - biophys.; Radiation Effects - Biological; ...5.0387

EFFECT OF RADIATION ENERGY ON THE ESSENTIAL AROMATIC AMINO ACIDS ...Ionizing Radiation -see Rad.; Oxidation; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0392

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Digestive System - Human; Freezing; Muridae; Radiation; Radiation Effects - Biological; Urine; ...5.0573

RADIATION CHEMISTRY, PHOTOCHEMISTRY AND EXCITED STATES OF A) OXYANIONS, B) D.N.A ...Chemical Mechanisms & Kinetics; Free Radical Reactions; Mechanism Determination; Radiation Effects - Biological; Radiolysis; X and Gamma Rays; ...5.0576

Light-catalyzed

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE USE OF REACTIVITY SCALES FOR PREDICTING CHEMICAL REACTIVITIES OF HC-NOX MIXTURES ...Aerosols; Air Pollution -see Specifics; Aldehydes -nonspecific; Dosimetry; Nitrogen and Nitrogen Cpds.; Ultra Violet Radiation; ...1.0238

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE REACTIVITY OF BENZALDEHYDE-NO AIR MIXTURES ...Aerosols; Air Pollution-chemistry; Chemical Analysis -general; Combustion; Nitrogen and Nitrogen Cpds.; Oxidants; ...1.0239

STUDIES ON AEROSOLS OF SIZES DOWN TO 0.05 MICRON ...Aerosols; Air Pollution-chemistry; Coalescence; Nitrogen and Nitrogen Cpds.; Photolysis; ...1.0669

PHOTOLYTIC OXIDATION IN THE PRESENCE OF NO2 ...Air Pollution-chemistry; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Oxidation; Photolysis; Rate of Reaction; Urban Research -general; ...1.0864

PHOTOCHEMICAL REACTIONS IN A FLOW REACTOR ...Aerosols; Flow Reactor; Infrared Spectroscopy; Photochemical Reactions; ...1.0871

TRACER STUDIES IN AIR POLLUTION - SULFUR DIOXIDE ...Aerosols; Catalysis, Heterogeneous; Energy Conversion; Isotope Tracer -see Tracers; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0875

FORMATION OF NONVOLATILE PARTICULATES FROM ORGANIC VAPORS ...Air Pollution-chemistry; Electromagnetic Radiation; Humidity - Water Vapor; Organic Compounds; Particulates and Aerosols; Solar Radiation -sunshine; ...1.0881

STUDY OF THE EFFECT OF CARBON MONOXIDE ON THE RATE OF PHOTOOXIDATION OF HYDROCARBONS IN THE PRESENCE OF ULTRAVIOLET LIGHT & OXIDES OF NITROGEN ...Air Pollution-chemistry; Impurity; Nitrogen and Nitrogen Cpds.; Oxidation; Rate of Reaction; ...1.0901

MEASURE AND COMPARE REACTIVITIES AND COMPOSITION OF AIR PARCELS FROM BAYONNE, LINDEN, WILLOWBROOK, AND BRONX (ABBREV) ...Air Pollution Sampling; Constants; New Jersey; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0903

MATRIX-ISOLATED SPECTRA OF NITROGEN OXIDES ...Air Pollution-chemistry; Kinetics; Nitrogen and Nitrogen Cpds.; Photolysis, Temperature Effects; ...1.0909

AN INVESTIGATION OF LIGHT-CATALYZED CHLORINE FOR TREATMENT OF WASTE WATER ...Chlorination; Chlorine; Organics; Oxidation; Waste Treatment Economics; Waste Water - general; Waste Water Treatment -general; ...3.1321

RADIATION INDUCED FREE RADICALS AND RADICAL PAIRS ...Electromagnetic Radiation; Kinetics; Nuclear Radiation; Radiation Induced Chem. React.; Temperature Effects; ...5.0253

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Hydrogen; Isotope Tracer -see Tracers; Kinetics; Mass Spectroscopy; Polymerization; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0353

DERMATOLOGIC REACTIONS INDUCED BY SOLAR RADIATION ...Burns; Cellular Repair Mechanisms; Mechanism Determination; Radiation Injury Prevention; Radiation Sources - general; Ultra Violet Radiation; ...5.0381

PHYSICAL MECHANISMS IN THE INACTIVATION OF PROTEINS BY RADIATION ...Photosensitizer; Polymerization; Radiation; Radiation Chemistry -biophys.; Radiation Sensitivity - man; ...5.0406

RADIATION CHEMISTRY, PHOTOCHEMISTRY AND EXCITED STATES OF A) OXYANIONS, B) D.N.A ...Chemical Mechanisms & Kinetics; Free Radical Reactions; Mechanism Determination; Photochemical Reactions; Radiation Effects - Biological; Radiolysis; X and Gamma Rays; ...5.0576

EFFECTS OF UV ON GENETIC MATERIAL ...Bacteria -nonspecific; Bacteriophage; Cellular Repair Mechanisms; Dose Rate, Dose Fractionation; Radiation; Streptomycin; ...5.0684

RADIATION PHYSICS ...Beta Particles; Ionizing Radiation -see Rad.; Nuclear Radiation; Protons; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiolysis; ...5.0739

Photochromism

PHOTOREPAIR OF UV DAMAGE TO DNA - PURIFICATION & PROPERTIES OF THE DNA-PYRIMIDINE DIMER PHOTOMONOMERASE (ABBREV) ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cyanides; Plants; Radiation Injury Prevention; Yeasts -nonspecific; ...5.0685

INVESTIGATIONS OF THERMOLUMINESCENT RADIATION DOSIMETRY ...Chemical Dosimetry; Dosimetry; Instrumentation; Neutron -see Radiation; Thermoluminescent Detectors; ...5.0964

Photoinitiators

PERACETOXYL RECOMBINATION ...Chemical Mechanisms & Kinetics; Oxidation; ...1.0898

Photoionization

A NEW INSTRUMENT FOR KINETIC STUDIES OF AIR POLLUTION ...Air Pollution Monitoring; Air Pollution-chemistry; Analytical Instruments; Atmospheric Dynamics; Rate of Reaction; Trace Analysis; ...1.0672

INVESTIGATIONS OF THERMOLUMINESCENT RADIATION DOSIMETRY ...Chemical Dosimetry; Dosimetry; Instrumentation; Neutron -see Radiation; Photochromism; Thermoluminescent Detectors; ...5.0964

Photolysis

STUDIES ON AEROSOLS OF SIZES DOWN TO 0.05 MICRON ...Aerosols; Air Pollution-chemistry; Coalescence; Light-catalyzed; Nitrogen and Nitrogen Cpds.; ...1.0669

PHOTOLYTIC OXIDATION IN THE PRESENCE OF NO2 ...Air Pollution-chemistry; Light-catalyzed; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Oxidation; Rate of Reaction; Urban Research -general; ...1.0864

AIR POLLUTION CHEMISTRY BY PHOTOFRAGMENT SPECTROSCOPY ...Air Pollution-chemistry; Functions and Properties; Nitrogen and Nitrogen Cpds.; ...1.0873

PHOTOCHEMICAL STUDIES BY ESR SPIN TRAPPING TECHNIQUES ...Chemical Mechanisms & Kinetics; Trace Analysis; ...1.0879

CHEMISTRY AND PROPERTIES OF OZONIDES ...Air Pollution - see Specifics; Catalysis, Homogeneous; Hydrolysis, Esterification; Ozonization; Reduction Reactions; Thermochemistry -biophysics; ...1.0880

ELEMENTARY REACTIONS IN POLLUTED ATMOSPHERES ...Air Pollution-chemistry; Degradation; Free Radical Reactions; Mechanism Determination; Oxidation; Photochemical Reactions; Rate of Reaction; ...1.0905

MATRIX-ISOLATED SPECTRA OF NITROGEN OXIDES ...Air Pollution-chemistry; Kinetics; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Temperature Effects; ...1.0909

CONVERSION OF NO TO NO2 IN POLLUTED ATMOSPHERES ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Quantum Yield; Rate of Reaction; Urban Research -general; ...1.0912

THE REACTION OF O(1D) ATOMS WITH WATER VAPOR ...Air Pollution-chemistry; Degradation; Rate of Reaction; ...1.0916

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

PHOTOCHEMICAL METHODS FOR PURIFYING WATER ...Chemical Oxygen Demand; Effluents - Waste Water; Pesticide Residues Removal; Pesticides -nonspecific; Pilot Plants; Washington; ...2.0877

PHOTOLYSIS MECHANISMS FOR POLLUTION ABATEMENT ...Organics; Oxidants; Solar Radiation -sunshine; Water Pollution Abatement; ...2.1245

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific; Calorimetry; Degradation; Fungi -nonspecific; Industrial Wastes; Pulp and Paper Wastes; Thin Layer Chromatography; Waste Water Degradation; ...3.0284

BIOLOGICAL HAZARDS OF PHOTOTRANSFORMED PESTICIDES ...Pesticide Interaction With Env; Pesticide Toxicity - general; Pesticides -nonspecific; ...4.0930

INDUCED PHOTOLYSIS OF ORGANIC HALIDES PATHWAYS FOR PHOTODECOMPOSITION OF DDT ...DDT; Mechanism Determination; Physical Degradation; ...4.1010

WEAPONRY--RADIATION DAMAGE BY NUCLEAR BLASTS ...Catalysis, Heterogeneous; Hms; Nuclear; Nuclear Detonations; Propellants; Radiation Induced Chem React; Radiation Shielding; ...5.0166

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Mechanism Determination; Pulse Radiolysis; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Radiolysis; ...5.0223

RADICAL AND RADIATION CHEMISTRY OF SULFUR COMPOUNDS ...Cell Injury and Autolysis; Free Radical Reactions; Radiation Chemistry -biophys.; Radiolysis; ...5.0341

Flash

KINETICS OF ASSOCIATION-DISSOCIATION REACTIONS ...Combustion; Kinetics; Propellants; Upper Atmospheric Chemistry; ...1.0020

LASER RADIATION IN PHOTOCHEMISTRY AND PHOTOBIOLOGY ...Dyes -nonspecific; Hazardous Materials; Laser Effects -bioeffects; Photochemical Reactions; Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0387

RADIATION CHEMISTRY, PHOTOCHEMISTRY AND EXCITED STATES OF A) OXYANIONS, B) DNA ...Chemical Mechanisms & Kinetics; Free Radical Reactions; Mechanism Determination; Photochemical Reactions; Radiation Effects - Biological; Radiolysis, X and Gamma Rays; ...5.0576

Photosensitizer

SINGLET MOLECULAR OXYGEN - OXIDATION IN POLLUTED AIR ...Air Pollution -see Specifics; Atmospheric Dynamics, Detectors and Sensors; Infrared Spectroscopy; Spectrographic Techniques; ...1.0870

PHOTOCHEMICAL METHODS FOR PURIFYING WATER ...Chemical Oxygen Demand; Effluents - Waste Water; Pesticide Residues Removal; Pesticides -nonspecific; Photolysis; Pilot Plants; Washington; ...2.0877

PULSE RADIOLYSIS IN RADIATION BIOLOGY ...Chemical Mechanisms & Kinetics; Kinetics; Pulse Radiolysis; Radiation Chemistry -biophys.; Radiation Sources -general; ...5.0298

PHYSICAL MECHANISMS IN THE INACTIVATION OF PROTEINS BY RADIATION ...Light-catalyzed; Polymerization; Radiation; Radiation Chemistry -biophys.; Radiation Sensitivity - man; ...5.0406

Photosynthesis

INTERDISCIPLINARY STUDIES - QUANTUM ELECTRONICS IN LIFE SCIENCES ...Industrial Pollution -general; Lasers and Masers; Rapid Reactions; Reactors; ...1.0348

PHOTOSYNTHETIC REAERATION IN THE UPPER PASSAIC RIVER ...Aeration (water); Chemical Treatment (water); New Jersey; Oxygen Content (water); Streams & Rivers; Water Purification; ...2.1056

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Algae -nonspecific; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Pilot Plants; Process Design; Turbidity (water); Waste Water Treatment -general; ...2.1179

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Acid Mine Drainage; Algae -nonspecific; Chlorophyll; Neutralization; Organic Waste -see Waste Treat; Rehabilitation -streams -lakes; Strip Mines; Waste Water Degradation; Waste Water Treatment - general; ...2.1319

THERMODYNAMICS OF WASTE STABILIZATION PONDS ...Functions and Properties; Model Studies; Pond; ...2.1436

Quantum Yield

CONVERSION OF NO TO NO2 IN POLLUTED ATMOSPHERES ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Photolysis; Rate of Reaction; Urban Research -general; ...1.0912

FLUORESCENT PROBES IN THE DEVELOPMENT OF NEW ANALYTICAL METHODS FOR WATER POLLUTION ...Analysis and Detection; Fluorometry; Water Pollutant Identification; ...2.0553

Photography

PARTICLE DYNAMICS ...Atmospheric Dynamics; Diffusion; Engines; Missiles; Simulation Theory; ...1.0068

TESTING OF CONVENTIONAL AND EXPERIMENTAL OIL AND GAS BURNERS ...Air Pollution-chemistry; Boilers; Burners; Fuels; Furnaces and Incinerators; Heating Units; Nitrogen and Nitrogen Cpds.; ...1.0096

SMOG ELIMINATION RESULTING FROM BUILDING DESIGN AND CITY PLANNING ...Building Design; Fluid Mechanics; Planning; Smoke -see Air Pollution; Surveying; Urban Research - general; ...1.0558

AERONOMY AND OTHER ATMOSPHERIC STUDIES ...Aerosols; Color - Brightness; Lasers and Masers; Plasmas; Weather Radar; ...1.0694

CRITERIA FOR RECOGNITION OF ESTUARINE WATER POLLUTION BY AERIAL REMOTE SENSING ...Aerial Photography -see Photo.; Electromagnetic Radiation; Estuaries; Surveying; Water Pollutant Identification; ...2.0770

SCRAP AND RECYCLE RESEARCH ...Automotive Application; Electrical; Electronic Mfr.; Mechanism Determination; Oxidation; ...3.0382

NUCLEAR MEDICINE AND SCANNING - INSTRUMENTATION ...Computer Methods -general; Monitoring Devices; Monitors -od Automatic; Radiation, Whole Body; Whole Body; X and Gamma Rays; ...5.0923

WHOLE-BODY EFFECTS OF AIR FORCE NOISE ON PEOPLE ...Auditory Physiology; Aviation Medicine; Infra Red; Noise; Performance - Behavioral Study; Sensory & Perceptual Processes; Ultrasonic -bioeffects; ...6.0010

Aerial Photography -see Aerial

APPLICATION OF REMOTE SENSING METHODS IN DETECTING AIR POLLUTION DAMAGE TO VEGETATION ...Aerial Photography -see Photo.; Air Pollution Effects; Remote Sensing; Sulfur Dioxide; ...1.0774

Cinematography

Time-lapse Photography

THE EFFECT OF INFLUENZA VIRUS AND NICOTINE ON THE NUCLEAR STRUCTURE OF CILIATED HUMAN EPITHELIUM ...Air Pollution -see Specifics; Mammals -nonspecific; Respiratory Irritants, Inhaled; Viral Carcinogenesis; ...1.0199

High Speed Photography

DEVELOP METHOD FOR QUANTITATIVELY CHARACTERIZING PESTICIDE DRIFT ...Formulations -nonspecific; Herbicides -nonspecific; Insecticides -nonspecific; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Application Equip.; Pesticide Drift; ...4.1116

Infra Red Photography

REMOTE SENSING OF WATER QUALITY IN THE MARINE ENVIRONMENT ...Aerial Photography -see Photo-; Electronic Detection; Tracking; Marine Environments; Marine Pollution; Thermal Properties; ...2.0615

Photomicrography

ATLAS OF RADIATION PATHOLOGY ...Injury and Shock; Radiation Effects - Biological; ...5.0243

Electron Micrography

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Environmental Modification; Pathological Physiology; Respiration; Toxic Substances; ...1.0333

Television

TELEVISION PROGRAMMING RELATED TO PROBLEMS OF THE ENVIRONMENT ...Communication; Psychology; ...3.1982

Videotape Recording

SCINTIGRAPHY USING THE SCINTILLATION CAMERA, POSITRON CAMERA, MARK II WHOLE BODY SCANNER AND MULTIPLANE TOMOGRAPHIC SCANNER (ABBREV) ...Detectors, Positron Camera; Radioactive Isotopes; Video; Whole Body; ...5.0779

Photometry

ANALYTICAL METHODS - WATER CHEMISTRY ...Analysis and Detection, Chromatography, Electroanalysis; Trace Analysis, Water Pollutant Identification; Zinc; ...2.0514

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Canning Wastes -see Food Proc.; Food Processing Industries; Industrial Wastes; Plant Waste Removal, Treatment; Taste & Odor of Water; Waste Treatment Economics; Water Quality Control -general; ...2.1349

USE OF GRANULAR ACTIVATED CARBON IN TREATMENT OF WASTE WATERS ...California; Nitrogen and Nitrogen Cpds.; Thermal Regeneration; Waste Water Treatment -general; ...2.1368

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ...Chelation & Complexing; Colloidal Phenomena; Filtration; Fluid Mechanics; Mathematical Models; New England Province; Rhode Island; Sedimentation; ...2.1411

CHROMATOGRAPHIC SEPARATION OF URANIUM AND PLUTONIUM FROM REPROCESSING PLANT LIQUID WASTE ...Chromatography; Detectors and Sensors; Energy Conversion; Nuclear Radiation; Radioactive Isotopes; Safety Design - Radioisotopes; Waste Management -see Specific; ...5.0080

Photoperiod

EFFECTS OF TEMPERATURE ON THE BEHAVIOR OF ADULT ATLANTIC MACKEREL ...Behavior -vertebrate; Biological Rhythms; Environmental Physiology; Marine Animals; Pomatomidae; Scombridae; Temperature (water); ...2.1637

EFFECTS OF ELEVATED TEMPERATURE ON SPAWNING AND DEVELOPMENT OF FISHES ...Animal Productivity; Embryology -basic; Salinity (water); Sparidae; Temperature (water); ...2.1698

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Azodrin; Compositae; Ericaceae; Pesticide Application Rates; Pesticide Phytotoxicity; Supracide; Temperature - Air; ...4.0332

MODE OF ACTION OF INSECTICIDES AS RELATED TO INSECT METABOLISM AND BEHAVIOR ...Animal Resistance; Chlordan; DDT; Fish; Pesticide Application Rates; Pyrethrum; Salvelinus; ...4.0682

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bux-ten; Disulfoton; Guthion; Monitor; Nicotine; Pesticide Residue Analysis; Temperature - Air; ...4.1036

Physical Water Properties

DOMESTIC WASTE DISCHARGE INTO A SILT LADEN ESTUARY ...Alaska; Chemical Water Properties; Data Reduction and Analysis; Forecasting - Prediction; Silting (water) -see Sediment; Sub - Polar Regions; Water Pollution Sources; ...2.0012

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Fish Food Organisms; Lake Stages; Pathology; Plankton; Reservoirs and Impoundments; ...2.0021

A STUDY OF PHYTOPLANKTON DYNAMICS IN LAKE FAYETTEVILLE AS A MEANS OF ASSESSING WATER QUALITY ...Algae -nonspecific; Biological Water Properties; Eutrophication; Lake Stages; Primary Productivity - Plants; ...2.0022

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Acid Mine Drainage; Aquatic Plants - nonspecific; Biological Effects; Iowa; Lakes; Oklahoma; Population Dynamics -general; Strip Mines; ...2.0024

FIELD INVESTIGATION OF THE SUBMERSED AQUATIC ENVIRONMENT ...Algae - Chlorophyta; Aquatic Ecology - Animal; Canals; Irrigation; Soil Chemical Properties; ...2.0072

ORGANIC DEBRIS ON CONNECTICUT BEACHES AND SHORES ...Bacterial Identification; Cellular Catabolism-see Degrad; Connecticut; Marine Plants; Organic Matter; Salinity (water); ...2.0084

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination - Water; Data Reduction and Analysis; Industrial Wastes; Pollution Effects -see Water; Primary Productivity - Plants; Sewage; Water Quality -general; ...2.0119

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology; Benthic Organisms -nonspecific; Coliforms -nonspecific; Fish Food Organisms; Nutrients; Plankton; Survey Studies (water); Water Properties -general; ...2.0158

DEGRADATION OF RIPARIAN LEAVES AND THE RECYCLING OF RELEASED NUTRIENTS IN A STREAM ECOSYSTEM ...Chemical Water Properties; Degradation -see Pesticide Deg; Ecological Effects; Energy Budgets; Forest Debris; Nutrients; Organic Matter; ...2.0162

THE COLIFORM BACTERIA, PLANKTON, & RELATED PHYSICO-CHEMICAL FACTORS IN LAKE PONTCHARTRAIN AT NEW ORLEANS, LA ...Acidity (water); Bottom Sampling; Louisiana; Nitrogen and Nitrogen Cpds.; Sediments, Water; ...2.0164

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation; Water Resources; Urban Research -general; ...2.0180

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Evaporation; Montana; Oxygen Content (water); Phytoplankton; Productivity of Freshwater; Stratification (water); Wyoming; ...2.0233

NATURAL WATER SYSTEMS IN WESTERN MONTANA ...Aquatic Ecology - Animal; Chemical Water Properties; Montana; Plant Freshwater Ecology; Water Properties -general; ...2.0234

EUTROPHICATION OF SMALL RESERVOIRS IN THE GREAT PLAINS ...Algae -nonspecific; Chemical Water Properties; Flood Control Reservoirs; Great Plains Province; Nebraska; Temporal Distribution; ...2.0238

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy plant; Zooplankton; ...2.0245

CANADARAGO LAKE EUTROPHICATION STUDY ...Agricultural Runoff, Biological Water Properties, Data Acquisition, New York, Phosphorus and Phosphorus Cpds, Sewage - Domestic, Soil Tillage, Urban Runoff, ...2.0256

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Agnatha, Chemical Water Properties, Control of Nuisance Species, Engineering Structures-general, Flow Characteristics (water), Lake Ontario, Salmonidae, Survey Studies (water), ...2.0260

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water), Alkalinity (water), Bacterial Pollutant Sources, Chemical Water Properties, Ecological Effects, Eutrophication, Microorganisms -nonspecific, Nitrogen and Nitrogen Cpds, Streptococcus -nonspecific, ...2.0264

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity, Breakwaters, Coastal Engineering -general, Eutrophic Lakes, Eutrophication, General Recreation Studies, New York, Plant Productivity -general, Turbidity (water), Waves -see Ocean Waves, ...2.0271

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN ...Aquatic Distribution, Environmental Influences, Lower Plants, Phosphorus and Phosphorus Cpds, Phytoplankton, Runoff (water), Taxonomy -plant, Water Quality -general, ...2.0274

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants, Chemical Water Properties, Contamination - Water, Environmental Influences, Mineral Nutrition, Nutrient Studies -animal, Photosynthesis, Phytoplankton, Primary Productivity - Plants, Water Standards & Baselines, ...2.0298

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICRO-ORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Bacterial Ecology, Chemical Water Properties, Ecological Effects, Lake Erie, Microorganisms -nonspecific, Plant Freshwater Ecology, Plant Physiological Ecology, ...2.0300

STUDIES ON EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Chemical Water Properties, Forest Cutting Operations, Forest Watersheds, Optical Properties of Water, Periphyton, Primary Productivity - Plants, Suspension, ...2.0321

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling, Contamination - Water, Forest Debris, Forest Watersheds, Marine Environments, Pesticides -see Pesticide, Pollution Effects -see Water, Pulp and Paper Wastes, Salmo Clarki, Spawning -see Fish & Shellfish, Suspension, Water Supply -general, ...2.0322

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific, Aquatic Soils, Chemical Analysis (water), Circulation (water), Cultural Control, Data Acquisition, Environmental Influences, Eutrophication, Lakes, Mineralogical Water Properties, Physical Control, Phytoplankton, Sediments, Turbidity (water), Washington, Water Depth, Water Levels, ...2.0332

EUTROPHICATION - PHYSICAL ECOLOGICAL CONTROL ...Algae -nonspecific, Chemical Water Properties, Cultural Control, Environmental Influences, Eutrophication, Stratification (water), Water Quality Control -general, ...2.0334

STATUS OF THERMAL POLLUTION AND RESEARCH NEEDS ...Bibliographies, Chemical Water Properties, Hydraulics, Thermal Pollution, Water Quality Control -general, ...2.0371

PHYSIOCHEMICAL RESPONSES OF RIVERS TO NATURAL AND MANMADE ENVIRONMENTAL CHANGES ...Chemical Water Properties, Mans Pollutional Activities, Model Studies, Nutrients, Water Cycle, Water Pollutants - Path of, ...2.0377

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta, Algal Pollutant Sources, Biological Water Properties, Chemical Water Properties, Environmental Influences, Eutrophication, Loss Damages - Recreation, Nutrients, Utah, Water Quality Control -general, ...2.0398

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific, Biological Water Properties, Contamination - Water, Industrial Wastes, Irrigation, Utah, Water Pollutants - Path of, Water Pollution Sources, Water Quality -general, ...2.0400

ACID MINE POLLUTION ...Acid Mine Drainage, Biological Water Properties, Catostomidae, Mining Industry - Rehabilitation - streams, lakes, Sediments, Strip Mines, Water Pollution Abatement, ...2.0409

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS ...Amphibious Plants, Biological Water Properties, Mineralogical Water Properties, Pesticides -nonspecific, Plant Freshwater Ecology, Radiomotopes, Springs, Washington, ...2.0414

MERCURY UPTAKE AND RELEASE BY BOTTOM SEDIMENTS ...Adsorption, Aquatic Soils, Chemical Properties, Chemical Water Properties, Mercury, Soil Chemical Properties, Wisconsin, ...2.0446

EUTROPHICATION OF NATURAL WATERS ...Biological Water Properties, Eutrophic Lakes, Forecasting - Prediction, Water Quality Control -general, ...2.0451

EFFECTS OF SOUTH SHORE DRAINAGE BASINS AND CLAY EROSION ON THE PHYSICAL AND CHEMICAL LIMNOLOGY OF WESTERN LAKE SUPERIOR ...Chemical Analysis (water), Clay Soils, Facies, Lake Superior, Pleistocene Epoch, Water Quality -general, ...2.0459

AREA DESCRIPTIONS OF ALABAMA'S ESTUARIES ...Alabama, Benthic Organisms -nonspecific, Data Reduction and Analysis, Effluents - Waste Water, ...2.0462

ENVIRONMENTAL BIOLOGY OF TOMALES BAY ...Animal Habitat Studies, Bays, Chemical Water Properties, Environment Resistance-animals, Mans Pollutional Activities, Marine Environments, Water Standards & Baselines, ...2.0489

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo, Aquatic Plants -nonspecific, Biological Water Properties, California, General Information Services, Management (water), Plant Distribution, Swamps - Marshes, Water Pollution Sources, Water Properties -general, Waterfowl -nonspecific, Wildlife Habitat Management, ...2.0455

WATER QUALITY ASSESSMENT AND POLLUTION CONTROL ...Biological Water Properties, Data Networks, Groundwater, Irrigation, Sewage, Water Pollution Abatement, ...2.0510

DISSOLVED OXYGEN AND OXYGEN DEMAND IN A SALT MARSH BORDERED ESTUARY ...Biological Water Properties, Computer Models, Georgia, Tidewater Areas, ...2.0559

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff, Chemical Water Properties, Erosion, Fluorine, Groundwater Movement, Hydrogen, Iodine, Rainfall - Runoff Relationship, Subsurface Runoff, Water Pollutant Identification, Weathering -geologic, ...2.0566

ECOLOGIC IMPACT OF HUMAN ACTIVITIES ON WATER RESOURCE ENVIRONMENTS ...Animal Pollutant Sources, Chemical Water Properties, Ecological Effects, Mans Pollutional Activities, Water Pollutant Identification, ...2.0584

PHYSICAL AND CHEMICAL CHARACTERISTICS OF MAINE STREAMS AND RIVERS ...Chemical Water Properties, Industrial Wastes, Maine, Water Pollution Sources, ...2.0606

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection, Chemical Water Properties, Electrochemistry, Lead, Trace Elements, Water Distribution Systems, Water Quality -general, Zinc, ...2.0623

TECHNOLOGICAL ASSESSMENT OF REMOTE SENSING ...Aircraft Remote Sensing, Chemical Water Properties, Estuaries, Management (water), Ponds, Water Pollutant Identification, ...2.0632

A STUDY OF THE ECOLOGY OF THE MISSISSIPPI TEST FACILITY ...Aquatic Ecology - Animal, Aquatic Plants -nonspecific, Chemical Water Properties, Mississippi, Plant Freshwater Ecology, Research Facilities, Water Standards & Baselines, ...2.0654

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water), Alkalinity (water), Animal Wastes - Feed Lots, Aquatic Plants -nonspecific, Chemical Water Properties, Ecological Effects, Eutrophication, Mineralogical Water Properties, Optical Properties of Water, Plankton, Primary Productivity - Plants, Reservoirs and Impoundments, Types of Resources, Water Pollutant Identification, Water Standards & Baselines, ...2.0658

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ...Annelida, Benthic Fauna, Contamination - Water, Environmental Ecology, Missouri, Taxonomy -animal, Water Quality -general, ...2.0659

TESTACEA (PROTOZOA - SARCODINA) AS INDICATORS OF WATER QUALITY IN WESTERN MONTANA ...Animal Habitat Studies, Bottom Sampling, Periphyton, Protozoa, Water Quality -general, ...2.0662

LIMNOLOGICAL INVESTIGATIONS OF LAKE MEAD ...Chemical Water Properties, Lakes, Water Pollution Effects, Water Quality -general, ...2.0667

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays, Chemical Analysis (water), Chemical Water Properties, Geochemical Analysis (water), Lower Plants, New York, Plant Freshwater Ecology, Sewage, Trace Element Analysis, Water Properties -general, Water Standards & Baselines, ...2.0701

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water), Animal Productivity, Chemical Water Properties, Ohio, River Basins, Systems Analysis - Water Mgmt, Taxonomy -plant, Water Pollutant Identification, ...2.0722

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific, Bacterial Population Surveys, Cellular Physiology- Env. Eff., Chemical Water Properties, Contamination - Water, Environmental Influences, Sediments, Water Pollutants - Path of, ...2.0724

A SYSTEMATIC AND ECOLOGICAL SURVEY OF THE ZOOPLANKTON AND PHYTOPLANKTON OF NORTHEASTERN OHIO GLACIAL LAKES ...Biological Water Properties, Ecological Effects, Eutrophication, Glaciology, Nutrients, ...2.0730

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Aquatic Ecology - Animal, Biological Water Properties, Chemical Analysis (water), Data Acquisition, Fish, Organic Water Properties, Pollution Effects -see Water, Survey Studies (water), ...2.0731

FLORISTIC AND FAUNISTIC SURVEY IN THE CUYAHOGA RIVER WATERSHED ...Algae -nonspecific, Aquatic Ecology - Animal, Fish, Ohio, Plant Freshwater Ecology, River Basins, ...2.0732

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage, Alkalinity (water), Automatic Data Aquisition, Chemical Water Properties, Mine Drainage Control, Mineralogical Water Properties, Ohio, Water Properties -general, Zinc, ...2.0733

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water), Algae -nonspecific, Animal Distribution, Delaware River, Energy Conversion, Invertebrates -nonspecific, Plankton Sampling, Pulp and Paper Wastes, Thermal Pollution, Turbidity (water), Water Bacteria, Zooplankton, ...2.0750

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources, Bacterial Pollutant Sources, Benthic Flora, Chemical Water Properties, Marine Bacteria, Marine Environments, Marine Plants, Plant Population Dynamics -gen, Water Analysis, ...2.0767

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation, Aquatic Ecology - Animal, Bottom Sampling, Chlorine, Core Analysis, Industrial Wastes, Nematoda, Population Dynamics -general, Rural Areas, Size ...2.0776

ANALYTICAL PHYSICAL MODEL ...Bays, Biological Water Properties, Marine Pollution, Mathematical Analysis, Mathematical Models, Physical Models, Rhode Island, Thermodynamics, ...2.0777

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora, Chemical Water Properties, Contamination - Water, Growth, Periphyton, Physiological Effects, Plant Habitat Studies, Sewage, Water Pollutant Identification, Water Pollution Sources, ...2.0778

MACROBENTHOS AS INDICATORS OF ECOLOGICAL CHANGE ...Aquatic Ecology - Animal, Benthic Fauna, Chemical Water Properties, River Basins, Water Pollutant Identification, ...2.0816

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water), Aquatic Ecology - Animal, Biological Water Properties, Circulation (water), Currents (water), Flow Characteristics (water), Lake Deposits, Nutrients, Optical Properties of Water, Phytoplankton, Sediment Yield, Water, Zooplankton, ...2.0828

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff, Bacterial Ecology, Bacterial Pollutant Sources, Chemical Water Properties, Hydraulics, Land Use, Rainfall - Runoff Relationship, Soil Microbiology, Soil Moisture, Vermont, Water Pollutants - Path of, ...2.0829

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED WALWORTH, ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Algae -nonspecific, Chemical Water Properties, Fish, Najadaceae, Range Or Territorial Distr, Water Pollutant Identification, Watersheds, ...2.0868

WATER SUPPLIES ...Chemical Water Properties, Chlorination, Disinfectants, Filtration, Iowa, Turbidity (water), Water Quality - general, Water Utilization -domestic, ...2.0895

LIMNOLOGY--NUTRIENT-BIOTIC RELATIONSHIPS IN THE UPLAKE REGION OF BEAVER RESERVOIR ...Animal Productivity, Benthic Organisms -nonspecific, Eutrophication, Nitrogen and Nitrogen Cpds., Phosphorus and Phosphorus Cpds, Plankton, Reservoirs and Impoundments, Water Properties -general, ...2.0961

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water), Algae -nonspecific, Algal Pollutant Sources, Bacterial Pollutant Sources, Biological Water Properties, Chemical Oxygen Demand, Contamination - Water, Forecasting - Prediction, Organic Matter, Waste Water Degradation, Waste Water Treatment -general, ...2.0983

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity, Biological Water Properties, Contamination - Water, Effluents - Waste Water, Management (water), Reservoirs and Impoundments, Water Pollutants - Path of, Water Quality Control -general, ...2.1008

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage, Aquatic Ecology - Animal, Chemical Water Properties, Ictalurus Punctatus, Lakes, Lime Treatment, Neutralization, Population Dynamics -general, Stocking of Fish & Shellfish, ...2.1027

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta, Algal Pollutant Sources, Carbon, Environmental Influences, Mineralogical Water Properties, Nitrogen and Nitrogen Cpds., Optical Properties of Water, Plankton Sampling, Stratification (water), ...2.1049

ESTUARINE ECOLOGY RESEARCH ...Acidity (water), Animal Distribution, Animal Migration, Automatic Data Aquisition, Chemical Water Properties, Estuaries, Industrial Wastes, Mathematical Models, Pollution Effects -see Water, Temperature (water), Turbidity (water), Water Pollution Abatement, Water Quality -general, ...2.1129

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water), Citrus, Drainage, Drainage Engineering, Energy Budgets, Fruit, Nut, and Berry Crops, Growth, Soil Chemical Properties, Soil pH, Water Table, ...2.1238

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated, Artificial Recharge, Chemical Water Properties, Hawaii, Land Use, Primary Treatment, Storm Water, Urban Runoff, Water Standards & Baselines, ...2.1239

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Aquatic Ecology - Animal, Chemical Measurements (water), Chlorination, Effluents - Waste Water, Pollution Effects -see Water, Protozoa, Temperature (water), ...2.1262

EFFECTS OF DOMESTIC POLLUTION ABATEMENT ON A EUTROPHIC LAKE ...Biological Water Properties, Chemical Water Properties, Eutrophic Lakes, Water Pollution Abatement, Water Pollution Sources, ...2.1267

THERMAL AND CONVENTIONAL RIVER POLLUTION ...Atomic Plants, Chemical Water Properties, Effluents - Waste Water, Legislation - Zoning, Tennessee River, Water Quality Control -general, ...2.1472

FACTORS INFLUENCING THE PRODUCTION OF PLANKTONIC AND BENTHIC PLANTS ...Algal Physiology, Chemical Water Properties, Effluents - Waste Water, Nutrients, Optical Properties of Water, Phytoplankton, Plant Succession, Water Pollution Sources, ...2.1473

EFFECTS OF WATER DIVERSION ON BIOTA AND WATER QUALITY IN THE STATE OF ARKANSAS ...Animal Productivity, Aquatic Ecology - Animal, Chemical Water Properties, Eutrophication, Population Dynamics -general, Vertebrate Anatomy, ...2.1482

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots, Arkansas, Chemical Analysis (water), Ecological Effects, Eutrophic Lakes, Mineralogical Water Properties, Nutrients, Plankton Sampling, Population Dynamics -general, Zooplankton, ...2.1483

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific, Biological Water Properties, Circulation (water), Ecological Effects, Nitrogen and Nitrogen Cpds., Optical Properties of Water, Plant Freshwater Ecology, Soil Tillage, Water Properties - general, ...2.1494

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal, Chemical Water Properties, Estuaries, Georgia, Invertebrates -nonspecific, Pulp and Paper Wastes, Turbidity (water), ...2.1537

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific, Biological Effects, Chemical Water Properties, Ecological Effects, Environmental Influences, India, Lower Plants, Organic Water Properties, Physiological Effects, ...2.1549

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Acid Mine Drainage, Aquatic Ecology - Animal, Ecological Effects,

Environmental Ecology; Lakes; Mining Industry; Waste Water Treatment egeneral; ...2.1551

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Fish; Induced Temperature; Oxygen Content (water); Plankton, Temperature (water); Turbidity (water); Turbines; ...2.1552

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Benthic Fauna; Energy Conversion; Estuaries, Fish & Shellfish Biology; Maine; Reactor Sites & Rad Waste, Thermal Pollution; ...2.1568

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general, Floods; Model Studies; Nutrients; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

RECOVERY FROM ACID POLLUTION IN FOUR STRIP-MINE LAKES ...Acid Mine Drainage; Animal Productivity; Biological Water Properties; Energy Budgets; Lake Stages; Primary Productivity - Plants; Strip Mines; ...2.1617

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Gastropoda; Mollusca; Taxonomy -animal; Water Pollution Sources; ...2.1623

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Atomic Plants; Biological Water Properties; Chemical Water Properties; Energy Conversion; Fish; Missouri River; Temperature (water); ...2.1633

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Biological Water Properties; Destratification; Flow Characteristics (water); Model Studies; Reservoirs and Impoundments; Tennessee; Water Quality Control -general; Water Supply -general; ...2.1713

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF JONES BAY ...Animal Habitat Studies; Bays; Construction Industry; Texas; ...2.1726

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF MOSES LAKE ...Animal Habitat Studies; Censusing; Data Reduction and Analysis; Lakes, Pre-impoundment Sites; Sediments; Texas; ...2.1727

SOME EFFECTS OF THE RECENT INTRODUCTION OF HARD WATER INTO THE WATER SUPPLY RESERVOIR OF CARVIN COVE, VIRGINIA ...Animal Productivity; Benthic Fauna; Environmental Ecology; Mineralogical Water Properties; Vertical Distribution, Water Pollution Effects; ...2.1747

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Model Studies; Nutrients; Primary Productivity - Plants; Statistics; Washington; Water Purification; ...2.1768

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Aquatic Ecology - Animal; Chemical Water Properties; Economic Impact; Kentucky; Plant Freshwater Ecology; Regional Economics; Social Aspects; Water Quality -general, ...2.1835

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Administration and Management; Biological Water Properties; Chesapeake Bay, Information Systems; Management (water); Social Aspects; Soil Tillage; Systems Analysis - Water Mgmt; ...2.1840

SUPPORT OF TWO RESEARCH VESSELS ...Biological Water Properties; Core Analysis; Great Lakes -see Specific Lake; Research Facilities; Thermal Pollution; ...2.1851

COORDINATING THE EFFORTS OF PARTICIPATING AGENCIES IN A STUDY OF ENVIRONMENTAL EFFECTS OF WARM-WATER DISCHARGES INTO THE MISSOURI RIVER ...Biological Effects; Environment; Management (water); Missouri River; Thermal Pollution; ...2.1865

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Population Dynamics -general; Recreation, Water Resources; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticide Residues, Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active Ether; Turbidity (water); ...4.0041

GROSS EFFECTS OF HEXADECANOL AND PLASTIC SHEET BOTTOMS ON AQUATIC LIFE IN PONDS ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Linings - Pavings; Ponds; Water Quality -general; ...4.0054

FISHERIES UNIT ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Catostomidae; Cladocera; Mark, Tag Or Capture -other; Pesticides -see Pesticide; Population Dynamics -general; ...4.0066

Physiography -general

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Land Use; Mathematical Models; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Location; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

A SYSTEM FOR GEOLOGIC EVALUATION OF POLLUTION POTENTIAL AT MOUNTAIN DWELLING SITES ...Data Reduction and Analysis; Groundwater; Percolation (water); Sewage; Water Pollutant Identification; ...2.0521

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Amaranthaceae; Effluent-standards; Eutrophication; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Pontederiaceae; Sewage; ...2.1467

EFFECTS OF CHEMICAL VARIATIONS IN AQUATIC ENVIRONMENTS ...Aluminum; Chemical Analysis (water); Colorado River; Data Acquisition; Lead; Oil Shale; Salinity (water); ...2.1512

PEAT STUDIES ...Environmental Geology; Maryland; Peat; Pennsylvania; Sediment Lithification; West Virginia; ...3.0365

Pilot Plants

PILOT PLANT COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Air Pollution-chemistry; Combustion; Energy Conversion; Furnaces and Incinerators; Lignite; ...1.0116

COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Air Pollution-chemistry; Boilers; Coal Research; Combustion; Energy Conversion; Lignite; Power Plants -see Specifics; ...1.0117

RECOVERY OF NITROGEN AND SULFUR OXIDES FROM BOILER FLUE GASES ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Nitrogen and Nitrogen Cpds.; Waste Material Recovery; ...1.0565

PILOT PLAN STUDY OF LIMESTONE-WET SCRUBBING IN A TURBULENT CONTACT ABSORBER ...Absorption - Chemistry; Coal Research; Combustion; Oxidation; Scrubbers; Sulfur Dioxide Removal; ...1.0594

ODOR CONTROL RESEARCH - COMPLETE KINETICS STUDY AND INITIATE SCRUBBER DEVELOPMENT ...Costs -see Economics Entries; Industrial Wastes: Mass Transfer; Odor; Rate of Reaction; Scrubbers; ...1.0608

APPLIED SCRUBBER RESEARCH FOR CONTROL OF SOX AND NOX ...Adsorption; Mass Transfer; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Scrubbers; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0609

USE OF ELECTRIC FIELDS IN COMBUSTION ...Air Pollution-chemistry; Combustion; Electric Field; Furnace and Incinerator Design; Furnaces; Incineration; Nitrogen and Nitrogen Cpds.; ...1.0638

REGENERABLE CHAR SORPTION PROCESS FOR SOX CONTROL ...Adsorption; Combustion; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0645

PILOT PLANT STUDY OF AMMONIA SCRUBBING OF POWER PLANT STACK GASES ...Chemical Mechanisms & Kinetics; Combustion; Furnace and Incinerator Design; Power Plants -see Specifics; Scrubbers; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0647

SAMPLING AND ANALYTICAL METHODS DEVELOPMENT FOR PROTOTYPE LIMESTONE - WET SCRUBBING TESTS ...Air Pollution-chemistry; Chemical Analysis -general; Scrubbers; ...1.0650

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Combustion; Furnace and Incinerator Design; Packed Bed Reactor; Process Waste Recovery; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0661

NUCLEAR METHODS OF ANALYSIS ...Activation Analysis; Coal Research; Desulfurization; Fluid Mechanics; ...1.0857

MICROBIAL DEGRADATION OF ORGANIC POLLUTANTS OF INDUSTRIAL ORIGIN ...Bacterial Population Surveys; Industrial Wastes; Radioisotopes -nonspecific; Toxic Substances; Waste Water Treatment -general; ...2.0176

EUTROPHICATION - REMOVAL OF NUTRIENTS - SHAGAWA LAKE ...Algal Pollutant Sources; Denitrification -see Nitrogen; Eutrophication; Minnesota; Trickling Filters; Water Standards & Baselines; ...2.0203

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use; Modification Effects; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

ACID MINE DRAINAGE - PILOT PLANT EVALUATION ...Acid Mine Drainage; Aeration (water); Core Analysis; Microorganisms -nonspecific; Model Studies; ...2.0345

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Adsorption; Electrochemistry; Filtration; Precipitation; Safety - Recreation; Viruses - Animal; Water Pollution -see Specifics; ...2.0836

AERATION OF LAGOONS IN RIGOROUS CLIMATE AREAS ...Aeration (water); Sewage Lagoons; Urban Environment; Water Pollution Effects; ...2.0869

THE EFFECTIVENESS OF CONTACT FILTER FOR THE REMOVAL OF IRON FROM GROUND WATER ...Filtration; Flocculation; Groundwater; Oxidation; Water Chemistry; ...2.0871

FLOC STRENGTH AND FILTERABILITY OF PRE-TREATED WATER ...Alum Waste Water Treatment; Coagulation; Flocculation; Lime Treatment; Rapid Filters; Sand Filters; ...2.0874

PHOTOCHEMICAL METHODS FOR PURIFYING WATER ...Chemical Oxygen Demand; Effluents - Waste Water; Pesticide Residues Removal; Pesticides -nonspecific; Photolysis; Washington; ...2.0877

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Ash-coal Filters; Filters-filtration; Filtration; Sand; Soil Particle Size; Turbidity (water); Water Distribution Systems; ...2.0887

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacterial Pollutant Sources; Coliforms -nonspecific; Filtration; Foreign Agriculture; Hydrolysis, Esterification; Recharge (water); Sediments; Turbidity (water); ...2.1023

DEVELOPMENT OF A PROTOTYPE FOR REMOVAL OF ORGANICS FROM WATER ...Carbon Filters; Filtration; Organic Matter; Solvent; Water Chemistry; ...2.1094

TUCSON WASTEWATER RECLAMATION PROJECT ...Arizona; Filtration; Fish; Waste Water Treatment -general; Water Reuse; Water Supply -general; Water Utilization -domestic; ...2.1154

REDUCING POLLUTION FROM POTATO AND ROOT VEGETABLE PEELING ...Canning Wastes -see Food Proc.; Food Processing Industries; Lye; Plant Waste Removal, Treatment; Water Quality Control -general; ...2.1162

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

ENTERIC VIRUS REMOVAL FROM SEWAGE STABILIZATION PONDS ...Model Studies; Pond; Sewage Lagoons; Sewage Treatment Plant; Viral Pollutant Sources; Waste Water Treatment -general; ...2.1167

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Algae -nonspecific; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Process Design; Turbidity (water); Waste Water Treatment -general; ...2.1170

BOD, SOLIDS AND NUTRIENT REMOVAL FROM SECONDARY EFFLUENT BY FOAM FRACTIONATION ...Biochemical Oxygen Demand; California; Denitrification -see Nitrogen; Foam; Recycle Water; ...2.1193

WATER TREATMENT BY REVERSE OSMOSIS METHOD ...Economic Efficiency; Fresh Water; Membranes; Reverse Osmosis; Waste Water Treatment -general; Water Reuse; ...2.1195

EVALUATION OF TREATMENT FOR URBAN WASTEWATER REUSE ...Coagulation; Colorado; Filtration; Urban Environment; Urban Research -general; Water Reuse; ...2.1197

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials; Coatings -see Materials; Dewatering; Effluents - Waste Water; Industrial Wastes; Metal Processing Wastes; Sludge; Waste Treatment Economics; ...2.1208

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Alum Waste Water Treatment; Chlorination; Disinfection; Electrical Phenomena; Fluid Mechanics; Tertiary Treatment; Waste Water Treatment -general; ...2.1221

CHEMICAL SLUDGE DISPOSAL AND CHEMICAL RECOVERY AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Burning; District of Columbia; Tertiary Treatment; Vacuum Techniques; Waste Material Recovery; Waste Treatment Economics; ...2.1222

TREATMENT OF WATERCRAFT WASTES FROM SMALL VESSELS TO SHORE TREATMENT FACILITIES ...Boat Discharges; Marinas; Pumping Stations; Sewage; Sewage Treatment Plant; Tanks; Waste Management -see Specific; ...2.1223

REVERSE OSMOSIS DEVELOPMENT FOR ACID MINE DRAINAGE CONVERSION ...Acid Mine Drainage; Acid Mine Wastes; Reverse Osmosis; Spiral Wound Membranes; Waste Treatment Economics; Water Reuse; West Virginia; ...2.1225

WASTE TREATMENT AND ANALYSIS FOR THE CITY OF MACON, GEORGIA ...Activated Sludge; Disposal; Industrial Wastes; Pulp and Paper Wastes; Urban Environment; ...2.1234

TREATMENT OF SELECTED INTERNAL KRAFT MILL WASTES IN COOLING TOWERS ...Biochemical Oxygen Demand; Cooling Towers; Industrial Wastes; Pulp and Paper Wastes; Waste Treatment Economics; ...2.1238

ARMOUR INDUSTRIAL CHEMICAL SECONDARY WASTEWATER TREATMENT ...Aerobic Waste Water Treatment; Chemical Industry; Chemical Oxygen Demand; Food Processing Industries; Local Government; Water Pollution -see Specifics; ...2.1243

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Canning Wastes -see Food Proc.; Food Processing Industries; Industrial Wastes; Photometry; Plant Waste Removal, Treatment; Taste & Odor of Water; Waste Treatment Economics; Water Quality Control - general; ...2.1249

DEVELOPMENT OF PULSATING ADSORPTION FILTER FOR TERTIARY TREATMENT OF WASTE WATERS ...Adsorption; Ash-coal Filters; Coal; Organic Matter; Sand Filters; Tertiary Treatment; Waste Water Degradation; ...2.1270

PILOT PLANT DEMONSTRATION OF A LIME-BIOLOGICAL TREATMENT PHOSPHORUS REMOVAL SYSTEM ...Activated

Sludge; Coagulation; Lime Treatment; Process Design; Sewage - Domestic; Waste Treatment Economics; Waste Water Treatment -general; ...2.1279

PILOT-SCALE STUDY OF IMPROVED PHOSPHATE REMOVAL BY MODIFIED ACTIVATED SLUDGE PROCESS ...Activated Sludge; Burning; Dewatering; Lakes; Thickening; Waste Water Treatment -general; ...2.1302

PHOSPHATE REMOVAL BY BIOLOGICAL PROCESS ...Activated Sludge; Dewatering; Process Design; ...2.1308

PILOT PLANT INSTALLATION FOR USE OF FUNGI IMPERFECTI ON VEGETABLE WASTES ...Aeration (water); Food Processing Industries; Minnesota; Waste Water Treatment - general; ...2.1309

NITRIFICATION AND DENITRIFICATION OF WASTE WATER ...Activated Sludge; Denitrification -see Nitrogen; Farm Animal Wastes; Sewage - Domestic; ...2.1312

RECLAMATION OF METAL VALUES FROM METAL-FINISHING WASTE TREATMENT SLUDGES ...Degradation; Industrial Wastes; Oxidation; Reduction Reactions; Sludge; Waste Treatment; ...2.1333

REMOVAL OF BOD AND NUTRIENTS BY BIOLOGICAL SLIMES ...Air; Biochemical Oxygen Demand; Denitrification -see Nitrogen; Organics; Sewage - Domestic; ...2.1338

DEEPWATER PILOT PLANT ENGINEERING AND INTERCEPTOR FEASIBILITY STUDY ...Biochemical Oxygen Demand; Delaware Bay; Dye Wastes; Industrial Wastes; New Jersey; Waste Treatment Economics; ...2.1340

THE PRODUCTION AND USE OF ACTIVATED CARBON FOR WATER RENOVATION IN KRAFT PULP AND PAPER MILLS ...Florida; Pulp and Paper Wastes; Rehabilitation -streams -lakes; Waste Treatment Economics; ...2.1350

CONTROL OF MINERAL CONSTITUENTS IN WASTE WATER BY ELECTRODIALYSIS ...Demineralization; Electrodialysis; Mineralogical Water Properties; Solid Waste; Waste Water Treatment -general; ...2.1364

REMOVAL OF NITROGEN COMPOUNDS FROM MUNICIPAL WASTEWATER ...Aeration; Biochemical Oxygen Demand; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds; Urban Environment; Waste Water Treatment -general; ...2.1367

POWDERED CARBON TREATMENT OF WASTEWATER ...Activated Sludge; Electrochemistry; Fluidized Bed Reactor; Organics; Process Design; Thermal Regeneration; Turbidity; Waste Treatment Economics; ...2.1369

PIPELINE TRANSPORT OF SLUDGE ...Landfill; Pipe; Soil Amendments; Strip Mines; Waste Disposal on Soils; Waste Management -see Specific; West Virginia; ...2.1373

ELECTRODIALYSIS TREATMENT OF SECONDARY EFFLUENT ...Demineralization; Fluid Mechanics; Waste Water Treatment -general; Water Reuse; ...2.1380

OPERATIONAL STABILITY OF THE EXTENDED AERATION PROCESS ...Activated Sludge; Aeration (water); ...2.1385

THERMAL WATER DEMONSTRATION PROJECT ...Agricultural Studies -general; Benefit-cost Analysis; Heat Recovery; Industrial Technology - Social Impact; Thermal Pollution; Water Utilization -animal; Welfare Economics; ...2.1389

ABATEMENT OF MINE DRAINAGE POLLUTION BY REVERSE OSMOSIS ...Acid Mine Drainage; Acid Mine Wastes; Process Design; Reverse Osmosis; Waste Water Treatment - general; Water Pollution Abatement; Wisconsin; ...2.1392

ACID MINE DRAINAGE PILOT PLANT EVALUATION ...Acid Mine Drainage; Acid Mine Wastes; Water Pollution Sources; ...2.1398

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Centrifugation; Filtration; Process Design; Waste Drying; Waste Treatment Economics; ...2.1400

BIOLOGICAL TREATMENT PILOT PLANT AND SLUDGE DISPOSAL FACILITY ...Activated Sludge; Burning; Centrifugation; Dewatering; Filters-filtration; Process Design; Waste Treatment Economics; ...2.1406

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Centrifugation; District of Columbia; Filtration; Process Design; Waste Drying; Waste Treatment Economics; ...2.1407

TERTIARY TREATMENT BY COUNTER-CURRENT CARBON FILTRATION ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Sewage Treatment Plant; Total Organic Carbon; ...2.1427

COMBINED INDUSTRIAL AND MUNICIPAL WASTE TREATMENT ...Biological Treatmen -general; Industrial Wastes; Process Design; Pulp and Paper Wastes; Urban Environment; Waste Water Treatment -general; ...2.1455

PILOT STUDIES IN THE RESTORATION OF THE PHYSICAL ENVIRONMENT OF A STREAM TO MAINTAIN A CLEAN WATER FLORA AND FAUNA ...Animal Productivity; Filtration; Rehabilitation -streams -lakes; Size; Water Quality Control - general; ...2.1462

EFFECTS OF TOXICANTS UPON FISH MOVEMENT PATTERNS ...Contamination - Water; Effluents - Waste Water; Industrial Wastes; Water Pollutant Identification; ...2.1744

CARBONIZATION OF MUNCIPAL AND INDUSTRIAL WASTE ...Chemical Analysis -general; Sewage - Domestic; Thermal Decomposition; Waste Material Recovery; ...3.0039

DEVELOPMENT OF WASTE STABILIZATION LAGOONS FOR APPLICATION IN ALASKA ...Alaska; Lagoon; Meteorological Extremes; Seasonal Studies; ...3.0061

SUBARCTIC AERATION LAGOON INVESTIGATIONS, BIOKINETIC REQUIREMENTS AND SEASONAL AND DURNAL EFFECTS ON NUTRIENT BALANCE ...Aeration (water); Alaska; Lagoon; Military Aspects; Nutrients; Waste Treatment Economics; ...3.0062

COMPLETE MIX ACTIVATED SLUDGE UNIT PROCESS ADAPTION TO LOW TEMPERATURE ...Activated Sludge; Alaska; Biochemical Oxygen Demand; Meteorological Extremes; Sewage - Domestic; ...3.0063

IDENTIFICATION OF LIMITING FACTORS IN THE BIOLOGICAL TREATMENT OF SEWAGE ...Activated; Kinetics; Literature Search; Model Studies; Sewage Bacteria; ...3.0102

USE OF ALGAE, ALGAE-PROTOZOA, AND ALGAE-BACTERIA CULTURES IN SEWAGE TREATMENT ...Algae - Chlorophyta; Algae - Cyanophyta; Cellular Physiology- Env. Eff.; Foreign Agriculture; Oxygen Content (water); Product Development Research; Sewage - Domestic; Waste Water Treatment - general; ...3.0136

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Electroosmosis; Farm Animal Wastes; Gallus Domesticus; Waste Disposal-see Solid Waste; ...3.0184

CHEMICAL-PHYSICAL WASTE TREATMENT PLANT DEMONSTRATION ...Carbon Filters; Hydrolysis; Esterification; Phosphorus and Phosphorus Cpds; Virus; Water Reuse; ...3.0227

LIVESTOCK WASTE DISPOSAL SYSTEM INVOLVING REUSE OF WATER ...Aeration (water); Aluminum; Bos; Farm Animal Wastes; Livestock -nonspecific; Sand Filters; Water Reuse; ...3.0257

WASTE TREATMENT FACILITIES DEMONSTRATION ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Livestock -nonspecific; Red River; ...3.0258

PHOSPHATE REMOVAL BY ACTIVATED SLUDGE PROCESS APPLICATION - PLANT SCALE DEMONSTRATION ...Activated Sludge; Kinetics Mechanism Determination; Recycle Water; Waste Water Treatment -general; ...3.0269

PHOSPHATE REMOVAL BY ACTIVATED SLUDGE PROCESS SPECIFICATION - PLANT SCALE RESEARCH ...Activated Sludge; Sewage Treatment Plant; ...3.0270

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues; Costs -see Economics Entries; Drying; Food Processing Industries; Freeze Drying; Precipitation; Waste Drying; Waste Treatment Economics; ...3.0305

DESIGN OF FACILITIES FOR ANIMAL WASTE DISPOSAL ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Effluents - Waste Water; Farm Animal Wastes; Puerto Rico; ...3.0306

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water; Infiltration; Organic Water Properties; Safety -see Farm Safety; South Carolina; Waste Management -see Specific; Water Purification; ...3.0310

BIOLOGICAL TREATMENT OF SPENT VEGETABLE TANNINS ...Color (water); Industrial Wastes; Oxidation; Rate of Reaction; Tannery Wastes; Waste Water Treatment -general; ...3.0343

SINGLE CELL PROTEINS FROM CELLULOSIC WASTES ...Catalysts; Cellular Catabolism-see Degrad; Disposal; Recoverable Materials; Waste Management -see Specific; ...3.0373

Pipelines

REACTOR COOLING WATER FOR AGRO-INDUSTRIAL DEVELOPMENT THROUGH SOIL WARMING ...Agricultural Studies -general; Atomic Plants; Mathematical Models; Soil Moisture; Temperature Regulation; ...2.0319

ARCTIC ENGINEERING GEOLOGY (NASA) ...Alaska; Freight Service; Infrared Radiation; Oil and Natural Gas - Sulfur; Petroleum Research; Surveying; Transportation Management; ...2.0497

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides -nonspecific; Biological; Coatings -see Materials; Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Plastics; Water Distribution Systems; ...2.0977

WATER RESOURCE SYSTEM OPTIMIZATION BY GEOMETRIC PROGRAMMING ...Channels; Economic Theory; Mathematical Analysis; Optimization Technique; Optimization, Economic; Process Design; ...2.1426

METHODS TO REDUCE WATER POLLUTION CAUSED BY STORM WATER SEWER LOADING BY USING FLUID FLOW FRICTION REDUCERS ...Chemical Mechanisms & Kinetics; Electrochemistry; Groundwater; Pipe; Sewage - Domestic; ...2.1432

ARCTIC ENGINEERING GEOLOGY (TAPS) ...Alaska; Environmental Hazards; Geology -general; Permafrost - Frozen Soils; Polar Regions; Remote Sensing; ...3.0017

MASS TRANSFER AND CHEMICAL REACTION IN TWO-PHASE FLOW ...Aeration (water); Fluid Mechanics; Model Studies; Pipe; Sewer Systems; Waste Water Treatment -general; ...3.0100

PIPELINE FLOW OF SOLIDS-LIQUID SUSPENSIONS ...Fluid Mechanics; Pipe; Pipes; Sludge; Waste Treatment Economics; ...3.0247

ULTIMATE DISPOSAL OF SLUDGES BY SURFACE SPREADING ...Dewatering; Disposal; Oxidation; Percolation (water); Soil Microbiology; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0259

HEAT TRANSFER STUDIES ON SLUDGE SUSPENSION ...Digestion; Disposal; Fluid Mechanics; Heat Transmission; Soil Amendments; Solid Waste; Waste Disposal on Soils; ...3.0263

PIPE TRANSPORT OF SOLID WASTE ...Biological Treatment-general; Costs -see Economics Entries; Pipes; Sewage - Domestic; Transportation; Urban Research -general; ...3.0291

ANALYSIS OF SOLID WASTE DISPOSAL METHODS ...Collection; Incineration; Transportation; Waste Type; ...3.0318

Pipes

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure - other; Water Reuse; ...2.0031

TRANSPORT OF SOLID SUSPENSION IN CONDUITS ...Design Criteria; Fluid Mechanics; Pipe; Sewer Systems; Solid Waste; ...2.1087

DEVELOPMENT OF A DEVICE FOR DISCHARGE MEASUREMENT WITHIN A SEWER PIPE ...Fluid Mechanics; Model Studies; Physical Models; Pipe; Urban Environment; Urban Research -general; ...3.0135

PIPELINE FLOW OF SOLIDS-LIQUID SUSPENSIONS ...Fluid Mechanics; Pipe; Pipelines; Sludge; Waste Treatment Economics; ...3.0247

PIPE TRANSPORT OF SOLID WASTE ...Biological Treatment-general; Costs -see Economics Entries; Pipelines; Sewage - Domestic; Transportation; Urban Research -general; ...3.0291

Plankton

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Fish Food Organisms; Lake Stages; Pathology; Reservoirs and Impoundments; ...2.0021

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Acidity (water); Arkansas; Biological Water Properties; Chemical Water Properties; Energy Conversion; Reactor Sites & Rad Waste; Thermal Pollution; ...2.0023

WATER QUALITY AND NUTRIENTS, SACRAMENTO-SAN JOAQUIN RIVER SYSTEM ...Animal Productivity; California; Eutrophication; Fish; Nutrients; Organic Water Properties; Tides; ...2.0041

LEAD POLLUTANTS IN NEAR SHORE MARINE ENVIRONMENTS ...Biological Effects; Fish; Lead; Marine Biology - General; Outlets; Sanitary Sewage Quantity; ...2.0049

A STUDY OF THE EFFECTS OF ISLAND DEVELOPMENT ON LAKE WATER QUALITY ...Acidity (water); Economics -recreation; Lakes; Nitrogen and Nitrogen Cpds.; Recreation, Water Resources; Types of Resources; ...2.0115

POLLUTION IN HAWAIIAN WATERSHEDS ...Bacterial Pollutant Sources; Biological Water Properties; Chemical Water Properties; Hawaii; Nutrients; Water Pollutant Identification; Water Pollution Effects; Water Pollution Sources; Watersheds; ...2.0118

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Atlantic Ocean; Contamination - Water; Italy; Marine Environments; Radioactivity; Radioecology - Plants; Trace Elements; ...2.0154

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology; Benthic Organisms -nonspecific; Coliforms -nonspecific; Fish Food Organisms; Nutrients; Survey Studies (water); Water Properties -general; ...2.0158

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Algal Physiology; Eutrophic Lakes; Mineral Nutrition; Organic Water Properties; Photosynthesis; Plant Epiphytic Relationships; Plant Productivity -general; Submerged Plants; ...2.0198

PHOSPHATE MINING EFFLUENT IN ESTUARINE ECOLOGY ...Amphibious Plants; Contamination - Water; Ecological Effects; Estuaries; Mining Industry; Phosphorus and Phosphorus Cpds; Pollution Effects -see Water; Toxic Minerals; ...2.0292

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Animal Behavioral Ecology; Atomic Plants; Contamination - Water; Ecological Effects; Environmental Ecology; Lakes; Population Dynamics -general; Thermal Pollution; ...2.0305

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

AN EVALUATION OF THE PRODUCTIVITY CHANGES ASSOCIATED WITH LIMING OF SHERWOOD LAKE, WEST VIRGINIA ...Animal Productivity; Fish; Lime Treatment; Mineralogical Water Properties; Population Dynamics -general; West Virginia; ...2.0410

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Depth (water); Fish; Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Soil Chemical Properties; ...2.0413

REMOTE SENSING, EVERGLADES AREA, FLORIDA ...Aircraft Remote Sensing; Eutrophication; Florida; Population Dynamics - general; Spectral Reflectance; Visible Light; ...2.0550

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Contamination - Water; Fish; Illinois; Invertebrates -nonspecific; Organic Matter; Pollution Effects -see Water; Sediments; ...2.0576

LAKE SUPERIOR PERIPHYTON IN RELATION TO WATER QUALITY ...Animal Interrelationships -gen; Balance of Nature - Plants; Contamination - Water; Fertilizers; Nutrients; ...2.3644

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

UPPER DELAWARE RIVER PLANKTON STUDY ...Delaware River; Diatoms (see Also Algae); Environmental Influences; Plankton Sampling; Survey Studies (water); Taste & Odor of Water; Water Quality -general; ...2.0755

LIMNOLOGY--NUTRIENT-BIOTIC RELATIONSHIPS IN THE UPLAKE REGION OF BEAVER RESERVOIR ...Animal Productivity; Benthic Organisms -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Reservoirs and Impoundments; Water Properties -general; ...2.0961

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity; Cellular Catabolism-see Degrad; Estuaries; Microorganisms -nonspecific; Plant Productivity -general; Ponds; Primary Productivity - Plants; Water Pollution Sources; ...2.1069

DIATOM REMOVAL BY FLOCCULATION ...Algal Pollutant Sources; Contamination - Water; Flocculation; Oxidation; Pollutant Removal; Temperature (water); ...2.1251

PILOT STUDIES IN THE RESTORATION OF THE PHYSICAL ENVIRONMENT OF A STREAM TO MAINTAIN A CLEAN WATER FLORA AND FAUNA ...Animal Productivity; Filtration; Pilot Plants; Rehabilitation -streams -lakes; Size; Water Quality Control -general; ...2.1462

EFFECTS OF WATER DIVERSION ON BIOTA AND WATER QUALITY IN THE STATE OF ARKANSAS ...Animal Productivity; Aquatic Ecology - Animal; Chemical Water Properties; Eutrophication; Physical Water Properties; Population Dynamics - general; Vertebrate Anatomy; ...2.1482

RADIOECOLOGICAL STUDY OF THE HUMBOLDT BAY MARINE ENVIRONMENT - DEVELOPMENT OF A MODEL ...Algal Physiology; Invertebrate Physiology; Marine Biology - General; Marine Geology; Radioactivity; Turbidity; ...2.1491

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Fish; Induced Temperature; Oxygen Content (water); Temperature (water); Turbidity (water); Turbines; ...2.1552

EFFECTS OF SEWAGE SLUDGE ON FINFISH AND BENTHIC AND PLANKTONIC COMMUNITIES ...Atlantic Ocean; Benthic Organisms -nonspecific; Ecological Effects; New Jersey; Sewage; ...2.1639

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Data Reduction and Analysis; Environmental Ecology; Eutrophication; Lake Erie; Spawning & Nesting Sites; Stizostedion Vitreum Vitreum; Water Temperature Recorders; ...2.1672

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants; Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources; Chemical Water Properties; Forecasting - Prediction; Mathematical Models; Planning; Rain; Runoff (water); Soil Types -also See Specifics; Water Quality Control -general; ...2.1711

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

IMPACT OF LAGOONS AND SAND BLANKETS ON FISH, AQUATIC LIFE AND WATER EQUALITY ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Fish; Lagoons; Sedimentary Structures; Water Quality -general; Wisconsin; ...2.1777

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

CHLORINATED ORGANIC CONTAMINANTS IN THE MILWAUKEE RIVER ...Analysis and Detection; Bioassays; Degradation -see Pesticide Deg; Lake Michigan; Organic Water Properties; Polychlorinated Biphenyl Cpds.; ...4.0076

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Dbee; -2,4-; Fish; Haloragaceae; Paraquat; Pesticide Evaluation; Pesticide in Food Chains; Ponds; ...4.0529

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics - general; Water Pollutants - Path of; ...4.0752

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

Phytoplankton

DYNAMICS OF ALGAE POPULATIONS IN FARM FISH PONDS ...Algae - Cyanophyta; Algal Pollutant Sources; Farm Pond; Lower Plants; Seasonal Distribution; Taxonomy -plant; ...2.0001

A STUDY OF PHYTOPLANKTON DYNAMICS IN LAKE FAYETTEVILLE AS A MEANS OF ASSESSING WATER QUALITY ...Algae -nonspecific; Biological Water Properties; Eutrophication; Lake Stages; Physical Water Properties; Primary Productivity - Plants; ...2.0022

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Elevation Levels; Altitude; Erosion; Forest Watersheds; Mineralogical Water Properties; Oligotrophic Lakes; Optical Properties of Water; Recreation, Water Resources, Temperature Or Heat Budgets, Turbidity (water); ...2.0032

PLANKTON COMMUNITY ECOLOGY IN NORTHERN CALIFORNIA LAKES ...Benthic Organisms -nonspecific; Energy Budgets; Forest Watersheds; Lower Plants; Nutrients; Plant Population Dynamics -gen; Water Bacteria; Zooplankton; ...2.0033

ORGANIC DEBRIS ON CONNECTICUT BEACHES AND SHORES ...Bacterial Identification; Cellular Catabolism-see Degrad; Connecticut; Marine Plants; Organic Matter; Physical Water Properties; Salinity (water); ...2.0084

LIMNOLOGICAL FACTORS AFFECTING PESTICIDE RESIDUES IN SURFACE WATERS ...Agricultural Runoff; Chemical Water Properties; Eutrophication; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reservoirs and Impoundments; ...2.0150

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Population Dynamics -general; Sewage; Taxonomy - plant; ...2.0151

MICROBIAL INTERVENTION IN THE EUTROPHICATION PROCESS ...Algae -nonspecific; Aquatic Soils; Deposits; Eutrophication; Mineralogical Water Properties; Organic Properties; Plant Food Chains; ...2.0177

AN INVESTIGATION OF THE EXTENT AND CAUSE OF EUTROPHICATION OF CANYON FERRY RESERVOIR, MONTANA ...Algae - Cyanophyta; Eutrophication; Missouri River; Nutrients; Reservoirs and Impoundments; Zooplankton; ...2.0232

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Evaporation; Montana; Oxygen Content (water); Productivity of Freshwater; Stratification (water); Wyoming; ...2.0233

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

EUTROPHICATION TIDAL WATERS ...Algal Physiology; Brackish Water; Estuaries; Marine Plants; New York; Optical Properties of Water; Tidewater Areas; ...2.0262

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Algal Physiology; Environmental Influences; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Temperature (water); ...2.0263

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Cladocera; Eutrophication; New York; Percidae; Plankton Sampling; Primary Productivity - Plants; Zooplankton; ...2.0265

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Algae -nonspecific; Aquatic Soils; Ecological Effects; Eutrophication; Hydrocharitaceae; Plant Succession; Potamogetonaceae; ...2.0266

EUTROPHICATION AS A PROBLEM IN THE FINGER LAKES ...Acidity (water); Chlorophyll; Eutrophication; New York; Ox-

ygen Content (water); Transparency; Water Properties -general; ...2.0267

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN ...Aquatic Distribution; Environmental Influences; Lower Plants; Phosphorus and Phosphorus Cpds; Runoff (water); Taxonomy -plant; Water Quality -general; ...2.0274

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases; Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Algal Physiology; Estuaries; Eutrophication; Marine Plants; North Carolina; Phosphorus and Phosphorus Cpds; Water Pollutant Identification; ...2.0291

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties; Contamination - Water; Environmental Influences; Mineral Nutrition; Nutrient Studies -animal; Photosynthesis; Primary Productivity - Plants; Water Standards & Baselines; ...2.0298

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Sediments; Turbidity (water); Washington; Water Depth; Water Levels; ...2.0332

EUTROPHICATION - EFFECT OF WEED HARVESTING ...Aquatic Plants -nonspecific; Cultural Control; Eutrophication; Nutrients; Water Quality Control -general; ...2.0338

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Animal Productivity; Chemical Water Properties; Eutrophication; Fish; Nutrients; Plant Population Dynamics -gen; Primary Productivity - Plants; Zooplankton; ...2.0363

EFFECT OF DREDGING ON THE NUTRIENT LEVELS AND BIOLOGICAL POPULATIONS OF A LAKE ...Acidity (water); Biological Water Properties; Lakes; Nutrients; Silting (water) -see Sediment; Turbidity (water); ...2.0365

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Copepoda; Eutrophication; Nutrients; Plant Population Dynamics -gen; Puget Sound; Tides; Wind; ...2.0423

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS ...Biological Water Properties; Circulation (water); Eutrophication; Fish Food Organisms; Nutrients; Water Bacteria; Wisconsin; ...2.0443

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elemen ; Zooplankton; ...2.0477

ULTRAVIOLET ABSORPTION IN COASTAL WATERS ...Algae - nonspecific; California; Coastlines - Shorelines; Organic Matter; Plant Productivity -general; Ultra Violet Radiation; ...2.0493

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Brazil; Florida; Marine Plants; Plant Distribution; Plant Population Dynamics -gen; Protozoa; Taxonomy -plant; Water Quality - general; ...2.0542

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

NUTRIENT ENRICHMENT AND EUTROPHICATION OF LAKE MICHIGAN ...Algal Physiology; Eutrophic Lakes; Eutrophication; Mineralogical Water Properties; Water Pollution Sources; ...2.0627

PHYTOPLANKTONIC NITROGEN AS AN INDEX OF CULTURAL EUTROPHICATION ...Algal Physiology; Eutrophic Lakes; Eutrophication; Model Studies; Nitrogen and Nitrogen Cpds.; Water Pollutant Identification; ...2.0637

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Effluents - Waste Water; Lake Stages; Lower Plants; Nutrients; Plant Productivity - general; Tertiary Treatment; ...2.0641

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Wate. Pollutant Identification; Water Supply -general; ...2.0670

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties - general; Water Standards & Baselines; ...2.0701

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

THE RELATION OF ESTUARINE ALGAE TO WATER QUALITY ...Algae -nonspecific; Aquatic Distribution; Estuaries; North Carolina; Plankton Sampling; Range Or Territorial Distr.; ...2.0709

PIGMENT ANALYSIS FOR THE DETECTION OF ENRICHMENT ...Algal Physiology; Carotenoid Pigments; Chlorophyll; Effluents - Waste Water; Nutrients; Water Pollutant Identification; ...2.0736

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Data Reduction and Analysis; Management (water); Oregon; Plant Freshwater Ecology; Survey Studies (water); Water Quality -general; Watersheds; ...2.0744

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

COLLECTION AND ESTABLISHMENT IN CULTURE OF SPECIES AND STRAINS OF MARINE PHYTOPLANKTON ORGANISMS ...Bioindicators; Contamination - Water; Culture Collections -microorg.; Marine Plants; Marine Pollution; ...2.0775

USE OF MARINE PLANKTONIC ORGANISMS FOR EVALUATING THE QUALITY OF MARINE AND ESTUARINE WATERS ...Animal Life History Studies; Bioassays; Estuaries; Water Pollutant Identification; Water Quality -general; ...2.0790

EFFECTS OF INDUSTRIAL EFFLUENTS ON PRIMARY PHYTOPLANKTON INDICATORS ...Diatoms (see Also Algae); Effluents - Waste Water; Ionic Effect; Statistics; Tracers; ...2.0802

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Sediment Yield; Water; Zooplankton; ...2.0828

WATER COLUMN TESTING OF FERTILIZERS ...Chemical Analysis (water); Fish; Lakes; Recreation; Water Resources; Warm Temperature -natural; ...2.0832

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants; Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Plant Productivity -general; Sewage; ...2.0848

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algae -nonspecific; Algal Physiology; Contamination - Water; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Plant Physiological Ecology; Plant Species Diversity; Seasonal Distribution; Wisconsin; ...2.0853

HYDROLOGY OF CACHUMA RESERVOIR ...Aeration (water); California; Oxygen Content (water); Plant Population Dynamics - gen; Soil Tillage; Taste & Odor of Water; Water Quality -general; Water Utilization -domestic; ...2.0878

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EFFLUENT PRIOR TO A MAJOR FLOW INCREASE ...Arthropods; Biological Water Properties; Chemical Water Properties; Estuaries; Recreation; Water Resources; Secondary Treatment; Sewage Treatment Plant; Water Pollutant Identification; ...2.0967

REVERSAL OF EUTROPHICATION THROUGH ARTIFICIAL AERATION OF LAKES ...Aeration (water); Benthic Fauna; Eutrophic Lakes; Michigan; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Vertical Distribution; ...2.1045

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

PHYTOPLANKTON NUTRITION AND PHOTOSYNTHESIS IN EUTROPHIC LAKES ...Algal Physiology; Eutrophic Lakes; Eutrophication; Monitoring; Sewage; ...2.1050

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acid Mine Drainage; Acidity (water); Algal Physiology; Alkalinity (water); Mine Drainage Control; Oxygen Content (water); Plant Freshwater Ecology; Rehabilitation -streams -lakes; Waste Water Treatment -general; ...2.1079

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

BIOLOGICAL ASPECTS OF TERTIARY PONDS ...Contamination - Water; Effluents - Waste Water; Pond; Protozoa; Sewage; Sewage Bacteria; Tertiary Treatment; ...2.1250

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Amaranthaceae; Effluent-standards; Eutrophication; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Physiography -general; Pontederiaceae; Sewage; ...2.1467

FACTORS INFLUENCING THE PRODUCTION OF PLANKTONIC AND BENTHIC PLANTS ...Algal Physiology; Chemical Water Properties; Effluents - Waste Water; Nutrients; Optical Properties of Water; Plant Succession; Water Pollution Sources; ...2.1473

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Biological Water Properties; Circulation (water); Ecological Effects; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plant Freshwater Ecology; Soil Tillage; Water Properties -general; ...2.1494

EFFECTS OF NUTRIENTS AND POLLUTANTS ON THE GROWTH OF MARINE PHYTOPLANKTON ...Algal Physiology; Marine Biology - General; Marine Pollution; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pacific Ocean; Temperature (water); ...2.1499

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Ecological Effects; Environment Resistance-animals; Heat Recovery, Industrial; Photosynthesis; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific; Algal Physiology; Ecological Effects; Effluents - Waste Water; Forecasting - Prediction; Management; Nutrients; Sewage Treatment Plant; Water Pollutant Identification; ...2.1646

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae; Eutrophication; Fertilizers -aquatic; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Potamogetonaceae; ...2.1650

RESPONSE OF NATURAL PHYTOPLANKTON POPULATIONS TO THERMAL SHOCK ...Carbon; Electric Power Plants; Environmental Aspects; Induced Temperature; Primary Productivity - Plants; Thermal Pollution; ...2.1657

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries, Industrial Wastes; Marine Plants; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

EFFECT OF NITRILOTRIACETIC ACID (NTA) UPON THE TOXICITY OF METALS TO SELECTED SPECIES OF ESTUARINE PHYTOPLANKTON ...Carbon; Chelation & Complexing; Estuaries; Industrial Wastes; Marine Plants; Metabolism of Algacides; Physiological Effects; ...2.1702

EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON ...Algal Physiology; Bioassays; Cellular Physiology- Env. Eff.; Contamination - Water; Estuaries; Petroleum Wastes - Spillage; Zooplankton; ...2.1703

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Salinity (water); Temperature; Tracers; ...2.1731

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology; Degradation -see Pesticide Deg; Energy Conversion; Fish; Heat Recovery, Industrial; Induced Temperature; Organic Water Properties; Primary Productivity - Plants; ...2.1736

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships -gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

PHYSIOLOGY AND ECOLOGY OF MARINE DIATOMS ...Biological Effects; Diatoms (see Also Algae); Marine Plants; Salinity; Taxonomy -plant; ...2.1767

MICRO ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER ...Acid Mine Drainage; Acidity (water); Forecasting - Prediction; Induced Temperature; Lower Plants; Primary Productivity - Plants; Thermal Pollution; ...2.1772

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Biological Effects; Chemical Effects; Herbicides and Other Chem; Metabolism of Algacides; Oxygen Content (water); Ponds; Water Quality -general; ...4.0392

THE EFFECT OF PESTICIDES ON PRIMARY PRODUCERS IN A FRESHWATER ECOSYSTEM (ABBREV.) ...Adenosine Triphosphate; Aroclor; Insecticides -nonspecific; Pesticides -see Pesticide; Polychlorinated Biphenyl Cpds.; ...4.0707

COLUMBIA RIVER STUDIES, 1970-1971 ...Atomic Plants; Columbia River; Energy Conversion; Ionizing Radiation -see Rad.; Ostreidae (oyster); Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...5.0762

CONTROL OF ION CONTENT OF CELLS ...Active Transport; Cell Injury and Autolysis; Cellular Model Systems; Ionic Effect; Microorganisms; Potassium; Strontium; Zooplankton; ...5.0886

Zooplankton

PLANKTON COMMUNITY ECOLOGY IN NORTHERN CALIFORNIA LAKES ...Benthic Organisms -nonspecific; Energy Budgets; Forest Watersheds; Lower Plants; Nutrients; Plant Population Dynamics -gen; Water Bacteria; ...2.0033

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

AN INVESTIGATION OF THE EXTENT AND CAUSE OF EUTROPHICATION OF CANYON FERRY RESERVOIR, MONTANA ...Algae - Cyanophyta; Eutrophication; Missouri River; Nutrients; Reservoirs and Impoundments; ...2.0232

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Evaporation; Montana; Oxygen Content (water); Phytoplankton; Productivity of Freshwater; Stratification (water); Wyoming; ...2.0233

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; ...2.0265

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Cladocera; Eutrophication; New York; Percidae; Plankton Sampling; Primary Productivity - Plants; ...2.0268

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Animal Productivity; Chemical Water Properties; Eutrophication; Fish; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Primary Productivity - Plants; ...2.0363

EFFECT OF DREDGING ON THE NUTRIENT LEVELS AND BIOLOGICAL POPULATIONS OF A LAKE ...Acidity (water); Biological Water Properties; Lakes; Nutrients; Phytoplankton; Silting (water) -see Sediment; Turbidity (water); ...2.0365

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS ...Biological Water Properties; Circulation (water); Eutrophication; Fish Food Organisms; Nutrients; Phytoplankton; Water Bacteria; Wisconsin; ...2.0443

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; ...2.0477

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils; Benthic Organisms -nonspecific; Marine Animals; Marine Environments; Marine Geology; Offshore Oil; Pesticides -nonspecific; Petroleum -see Oil; ...2.0560

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); ...2.0609

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Atlantic Ocean; Fish; Marine Biology - General; Marine Pollution; Pesticides -see Pesticide; Sea Water Sampling; Water Standards & Baselines; ...2.0620

PHYTOPLANKTONIC NITROGEN AS AN INDEX OF CULTURAL EUTROPHICATION ...Algal Physiology; Eutrophic Lakes; Eutrophication; Model Studies; Nitrogen and Nitrogen Cpds.; Phytoplankton; Water Pollutant Identification; ...2.0637

ZOOPLANKTON BIOMASS AND INCIPIENT EUTROPHICATION IN LAKE SUPERIOR ...Animal Productivity; Eutrophic Lakes; Eutrophication; Plankton Sampling; Taxonomy -animal; Water Quality -general; ...2.0642

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Aquatic Ecology - Animal; Eutrophic Lakes; Eutrophication; Ohio; Plant Habitat Studies; Reservoirs and Impoundments; Survey Studies (water); Vertical Distribution; ...2.0729

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; ...2.0750

USE OF MARINE PLANKTONIC ORGANISMS FOR EVALUATING THE QUALITY OF MARINE AND ESTUARINE WATERS ...Animal Life History Studies; Bioassays; Estuaries; Phytoplankton; Water Pollutant Identification; Water Quality -general; ...2.0790

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; ...2.0828

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants; Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN ...Chp; Fish; Marine Pollution; Pacific Ocean; Polychlorinated Biphenyl Cpds.; Water Standards & Baselines; ...2.1191

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots; Arkansas; Chemical Analysis (water); Ecological Effects; Eutrophic Lakes; Mineralogical Water Properties; Nutrients; Plankton Sampling; Population Dynamics -general; ...2.1483

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bays; Ecological Effects; Energy Conversion; Invertebrate Physiology; Long Island Sound; Mollusca; Population Dynamics - general; Temperature (water); ...2.1638

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fish; Industrial Wastes; Marine Animals; Mineralogical Water Properties; Physiological Effects; ...2.1640

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; ...2.1656

EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON ...Algal Physiology; Bioassays; Cellular Physiology - Env. Eff.; Contamination - Water; Estuaries; Petroleum Wastes - Spillage; Phytoplankton; ...2.1703

EFFECTS OF WATER POLLUTION ON ZOOPLANKTON ...Cladocera; Copepoda; Insecticides -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Water Pollution Sources; ...2.1717

HIGH ANALYSIS FERTILIZER INVESTIGATIONS - FISHERIES ...Aquatic Ecology - Animal; Depth (water); Fertilizers -aquatic; Nutrients; Tennessee; ...2.1718

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Model Studies; Nutrients; Physical Water Properties; Primary Productivity - Plants; Statistics; Washington; Water Purification; ...2.1768

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS ...Algae -nonspecific; Chlorination; Effluents - Waste Water; Pseudomonas; Sewage; Sewage Lagoons; Water Pollution - see Specifics; ...3.0356

MACRO-NEKTON INVESTIGATIONS OFF THE COLUMBIA RIVER MOUTH ...Aquatic Ecology - Animal; Engraulidae; Gadidae; Osmeridae; Reactor Sites & Rad Waste; Vertical Distribution; ...5.0086

CONTROL OF ION CONTENT OF CELLS ...Active Transport; Cell Injury and Autolysis; Cellular Model Systems; Ionic Effect; Microorganisms; Potassium; Strontium; ...5.0886

Plankton Sampling

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Acidity (water); Arkansas; Biological Water Properties; Chemical Water Properties; Energy Conversion; Plankton; Reactor Sites & Rad Waste; Thermal Pollution; ...2.0023

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological Effects; Eutrophication; Microorganisms -nonspecific; Nitrogen

and Nitrogen Cpds.; Physical Water Properties; Streptococcus - nonspecific; ...2.0264

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Cladocera; Eutrophication; New York; Percidae; Primary Productivity - Plants; Zooplankton; ...2.0265

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases; Marine Plants; North Carolina; Radioactivity; Water Pollution Sources; ...2.0282

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Copepoda; Eutrophication; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Puget Sound; Tides; Wind; ...2.0423

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

ZOOPLANKTON BIOMASS AND INCIPIENT EUTROPHICATION IN LAKE SUPERIOR ...Animal Productivity; Eutrophic Lakes; Eutrophication; Taxonomy -animal; Water Quality - general; ...2.0642

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Types of Resources; Water Quality -general; ...2.0703

THE RELATION OF ESTUARINE ALGAE TO WATER QUALITY ...Algae -nonspecific; Aquatic Distribution; Estuaries; North Carolina; Range Or Territorial Distr.; ...2.0709

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

UPPER DELAWARE RIVER PLANKTON STUDY ...Delaware River; Diatoms (see Also Algae); Environmental Influences; Plankton; Survey Studies (water); Taste & Odor of Water; Water Quality -general; ...2.0755

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Stratification (water); ...2.1049

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots; Arkansas; Chemical Analysis (water); Ecological Effects; Eutrophic Lakes; Mineralogical Water Properties; Nutrients; Population Dynamics -general; Zooplankton; ...2.1483

ABUNDANCE AND COMPOSITION OF DEEP AND SHALLOW WATER MACROPLANKTON AND LITTORAL FISH POPULATIONS IN AND ABOUT THE SANTA BARBARA CHANNEL ...Animal Habitat Studies; Biological Effects; Channels; Hippolyte; Osteichthyes -other; Scorpaenidae; ...2.1501

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Data Reduction and Analysis; Environmental Ecology; Eutrophication; Lake Erie; Plankton; Spawning & Nesting Sites; Stizostedion Vitreum Vitreum; Water Temperature Recorders; ...2.1672

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

Plant Biomes

ECOLOGICAL RECORDS ON ELGIN AFB RESERVATION ...Bactericides -nonspecific; Florida; Liquids Or Sprays; Pesticide Application Equip.; ...4.0269

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Beta Particles; Plant Succession; Radiation Effects -see Rad.; Radiation Sensitivity - man; Radioecology - Plants; Soil Microbiology; Wisconsin; ...5.0542

Coniferous Forests

AEROBIOLOGICAL SURVEY IN THE NORTHERN ROCKY MOUNTAINS AND PLAINS ...Air Pollution -see Specifics; Biological Organisms; Contamination -see Air & Water; Montana; Pollens -see Air Pollution; Seasonal Distribution; Vertical Distribution; ...1.0070

Deciduous Forests

RELATIONSHIP OF AIR POLLUTION TO HARDWOOD FORESTS OF THE NORTHEASTERN UNITED STATES ...Air Pollution -see Specifics; Air Pollution Sampling; Forest Pathology; Plant Pathology - Env. Relat.; Temperature - Air; ...1.0412

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity -general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Air - Water - Plant Relations; Cesium; Environmental Ecology; Food Contamination; Pollution Effects -see Water; Radioactive Contamination; Radiologic Health; Soil Chemical Properties; ...5.0031

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Beta Particles; Plant Biomes; Plant Succession; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioecology - Plants; Soil Microbiology; Wisconsin; ...5.0542

EFFECTS OF GAMMA RADIATION ON HERBACEOUS SPECIES IN A NORTHERN HARDWOOD FOREST ...Aster; Plant Ecology -nonspecific; Radiation Effects -see Rad.; Radioecology - Plants; X and Gamma Rays; ...5.0548

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Mammals -nonspecific; Microorganisms; Picea; Plants; Populus; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0769

Deserts, Arid Lands

DISTRIBUTION AND INTERRELATIONSHIP OF ELEMENTS IN BIOLOGICAL SYSTEMS ...Emission Spectroscopy; Mineral Nutrition; Plant Physiological Ecology; Plants; Radioecology - Plants; Radioisotopes -nonspecific; Translocation; ...5.0012

PHYSIOLOGICAL ECOLOGY STUDIES OF DESERT VEGETATION ...Cobalt; Plant Phenology; Plants; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0014

VASCULAR PLANT AND RODENT PARAMETERS IN 68 MOJAVE AND GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, SOUTHERN NEVADA, 1962-70 ...Animal Productivity; Plants; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Vertebrates Excl. Man; ...5.0148

A SURVEY OF CHEMICAL AND PHYSICAL PROPERTIES OF SOILS AT THE NEVADA TEST SITE ...Arid and Desert Regions; Nevada; Plant Species Diversity; Soil Chemical Properties; Soil Types -also See Specifics; ...5.0153

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Arid and Desert Regions; Clay Soils; Mineral Nutrition; Plants; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Soil Moisture; X and Gamma Rays; ...5.0159

EFFECTS OF BETA AND GAMMA RADIATION ON DESERT VEGETATION ...Artemisia, Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; X and Gamma Rays; ...5.0183

Grasslands

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic Bomb; Colorado; Ochotonidae; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; X and Gamma Rays; ...5.0211

RADIOECOLOGICAL EFFECTS OF FALLOUT ...Cesium; Gramineae -other; Leaching; Plants; Radioactive Fallout-cf Fallout; Runoff (water); Water Cycle; ...5.0629

Mixed Forest

EFFECTS OF AIR POLLUTION ON A FOREST ECOSYSTEM ...Forest Environment -general; Industrial Pollution -general; Plant Productivity -general; Plant Response to Env. -ns; Plant Succession; Sulfur Dioxide; Zinc; ...1.0373

Rain Forests

TERRESTRIAL ECOLOGY ...Cesium; Plant Food Chains; Radioisotopes -nonspecific; Rain; Soil Chemical Properties; ...2.0768

ECOLOGICAL STUDIES OF RADIONUCLIDES IN ECOSYSTEMS AT NUCLEAR DETONATION SITES ...Hydrogen; Plant Ecology -nonspecific; Pollution Effects -see Water; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioecology - Plants; Transpiration and Evap; ...5.0008

RADIATION DAMAGE IN TROPICAL RAIN FOREST TREES ...Forest Environment -general; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Tropical Regions; ...5.0513

RECOVERY OF A TROPICAL RAIN FOREST FOLLOWING EXPOSURE TO GAMMA RADIATON ...Dominant Organisms; Moraceae; Plants; Radiation Resistance; Soil Cover Crops; X and Gamma Rays; ...5.0544

Tundra

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Water Yield; ...2.0013

Plant Community Mapping

SURVEY OF AIRBORNE FLUORIDES IN GLACIER NATIONAL PARK AND EFFECTS ON VEGETATION AND WILDLIFE ...Air Pollution -see Specifics; Fluorine; Mammals -nonspecific; Plant Response to Env. -ns; Pollution Effects -see Water; Rodentia -other; Wildlife -nonspecific; ...1.0363

REMOTE SENSING, EVERGLADES AREA, FLORIDA ...Aircraft Remote Sensing; Eutrophication; Florida; Plankton; Population Dynamics -general; Spectral Reflectance; Visible Light; ...2.0550

CLADOPHORA AS RELATED TO POLLUTION IN WESTERN LAKE ERIE ...Algae - Chlorophyta; Algal Pollutant Sources; Contamination - Water; Lower Plants; Mulches; Product Development Research; ...2.0726

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Succession; Radiation Effects - see Rad.; Radioactive Contamination; Radioecology - Plants; Soil - Crop Relationships; Soil Environment -other; Translocation; ...5.0422

TERRESTRIAL PLANT ECOLOGY ...Absorption (incl. Adsorption); Plant Phenology; Plant Succession; Soil Minerals -natural; Soil Water Plant Relationships; ...5.0752

Plant Competition

CHANGING VEGETATION AND ATMOSPHERIC POLLEN ...Air Pollution -see Specifics; Economics of Natural Resources; Lakes; Pollen -see Pollen; Rural Areas; Urban Environment; Wind -see Air Motion; ...1.0076

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution - see Specifics; Computer Methods -general; Energy Budgets; Metabolism and Biochemistry; Plant Physiological Ecology; Plant Response to Env. -ns; Temperature - Internal; Water Utilization - plant; ...2.1629

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage; Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Amaranthaceae; Chenopodiaceae; Convolvulaceae; Dicamba; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Absorption -other; Translocation; ...4.0249

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Polygonaceae; Setaria; ...4.0304

COMPOUNDS IN WEEDS RESPONSIBLE FOR DORMANCY AND THE REDUCTION OF CROP YIELDS ...Agropyron; Glycine; Growth; Lycopersicum; Plant Toxins; Sorghum; Triticum; ...4.0346

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

REMOVAL OF COMPETING PAMPAS GRASS (CORTADERIA SELLOANA) FROM REDWOOD REFORESTATION AREAS ...D, 2,4-; Gramineae; Mammals -nonspecific; Pesticide Application Rates; Pesticide Formulation; Picea; Sequoia; ...4.0541

BEE INVESTIGATIONS ...Aquifoliaceae; Climates -general; Ericaceae; Lindane; Pollens -see Air Pollution; ...4.0760

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Populus; Terbacil; ...4.0899

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Sorghum; Trifluralin; ...4.0944

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; Zea Mays - Field Corn; ...4.0982

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Productivity -general; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

Competition Among Thallophytes

MICROBIOLOGY OF ACID DRAINAGE FROM COAL MINES ...Acid Mine Drainage; Bacterial Population Surveys; Biological Control; Ferrobacillus; Heterotrophic Bacteria; Thiobacillus; ...2.0432

ECOLOGY OF CLOSTRIDIUM BOTULINUM TYPE E IN GREEN BAY ...Aquatic Distribution; Bacterial Exotoxins; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Lake Michigan; Water Pollution -see Specifics; ...2.0453

MICROBIAL TRANSFORMATIONS IN SEA WATER ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Marine Bacteria; Marine Biology - General; Marine Plants; Marine Pollution; Organics; ...2.0622

FACTORS INFLUENCING THE PRODUCTION OF PLANKTONIC AND BENTHIC PLANTS ...Algal Physiology; Chemical Water Properties; Effluents - Waste Water; Nutrients; Optical

Plant Competition

Properties of Water; Phytoplankton; Plant Succession; Water Pollution Sources; ...2.1473

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Diuron; Fomes; Helminthosporium; Pesticide Evaluation; Pythium; Rhizosphere; Soil Microbiology; Soil pH; ...4.0923

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Gibberella; Gliotoxin; Nematocides -nonspecific; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Soil Microbiology; Viridin; ...4.0945

Cutting &/or Grazing Effects

EVALUATION OF POULTRY MANURE AS A FERTILIZER ...Bos; Cynodon; Fertilizer Losses; Soil Chemical Properties; Trifolium; ...3.0004

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Benzoilde; D, 2,4-, Dmso; Gramineae; Growth, Mecoprop; Pesticide Evaluation, Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf, ...4.0490

Space Competition

THE INFLUENCE OF CULTURAL PRACTICE COMBINATIONS ON THE YIELD AND QUALITY OF COTTON ...Carbamates - nonspecific; Insecticides -nonspecific; Pesticide Action on Plants; Petroleum Cpds. -nonspecific; Soil Fertility; ...4.0214

FUNDAMENTAL STUDIES ON WEED CONTROL ...Cotoran, Fungicides -nonspecific; Herbicides and Other Chem; Liquids Or Sprays; Pesticide Evaluation; Pesticides Compatibility; Prometryne; ...4.0331

SWEET SORGHUM VARIETAL EXPERIMENTS ...Arid and Desert Regions; Bos; Insecticides -nonspecific; Irrigation; Pesticide Phytotoxicity; Sorghum; Temperature - Air; ...4.0447

SUGAR BEETS FOR PENNSYLVANIA ...Chenopodiaceae; Irrigation; Pesticide Residues; Soil Depth; Soil Fertility; ...4.0467

IMPROVEMENTS OF FLUE-CURED TOBACCO BY DEVELOPMENT OF MORE ADEQUATE FERTILIZATION, AND CROPPING SYSTE ...Penar; Pesticide Evaluation; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; Soil Tillage; Tillage, Cropping Systems; ...4.0476

Thallophytes & Invertebrates

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

Plant Distribution

AIR-SPORA IN HAWAII ...Air Pollution -see Specifics; Atmospheric Dynamics; Fungi -nonspecific; Humidity - Water Vapor; Organic Compounds; Plant Pathogenetic Fungi; Pollens -see Air Pollution; Tropical Regions; Wind; ...1.0045

AEROBIOLOGY PROGRAM ...Aerobiology; Air Pollution -see Specifics; Conservation of Ecosystems; Microorganisms -nonspecific; Plant Pathology - Env. Relat.; Range Or Territorial Distr.; ...1.0216

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Management (water); Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Brazil; Florida; Marine Plants; Plant Population Dynamics -gen; Protozoa; Taxonomy -plant; Water Quality -general; ...2.0542

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ...Acidity (water); Aquatic Soils; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; New Jersey; Temperature (water); ...2.0674

Range Or Territorial Distr.

TRAVELS OF AIRBORNE POLLEN ...Air Pollution; Air Pollution -see Specifics; Atmospheric Dynamics; Engineering Sources-other; Mathematical Models; Pollen -see Pollen; Urban Environment; ...1.0079

AEROBIOLOGY PROGRAM ...Aerobiology; Air Pollution -see Specifics; Conservation of Ecosystems; Microorganisms -nonspecific; Plant Pathology - Env. Relat.; ...1.0216

THE EFFECTS OF ATMOSPHERIC POLLUTION ON EPIPHYTES ...Air Pollution Monitoring; Bryophyta; Idaho; Iron & Steel Industry; Montana; Pseudotsuga; ...1.0421

BLUE-GREEN ALGAE AS A SOURCE OF WATER CONTAMINATION ...Algae - Cyanophyta; Algal Pollutant Sources; Algal Toxins; Arizona; Taxonomy -plant; ...2.0015

PLANKTON COMMUNITY ECOLOGY IN NORTHERN CALIFORNIA LAKES ...Benthic Organisms -nonspecific; Energy Budgets; Forest Watersheds; Lower Plants; Nutrients; Plant Population Dynamics -gen; Water Bacteria; Zooplankton; ...2.0033

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties, Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

EXTENT OF LAKE ONTARIO POLLUTION CAUSED BY THE OSWEGO RIVER ...Aquatic Ecology - Animal; Ecological Effects; Lakes; Marine Environments; Pollution Effects -see Water; Waste Dilution- Self Purifying; ...2.0272

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; Zooplankton; ...2.0477

REMOTE SENSING, EVERGLADES AREA, FLORIDA ...Aircraft Remote Sensing; Eutrophication; Florida; Plankton; Population Dynamics -general; Spectral Reflectance; Visible Light; ...2.0590

THE RELATION OF ESTUARINE ALGAE TO WATER QUALITY ...Algae -nonspecific; Aquatic Distribution; Estuaries; North Carolina; Plankton Sampling; ...2.0709

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Aquatic Ecology - Animal; Eutrophic Lakes; Eutrophication; Ohio; Plant Habitat Studies; Reservoirs and Impoundments; Survey Studies (water); Vertical Distribution; ...2.0729

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

STUDIES ON AQUATIC MYXOBACTERIA ...Bacterial Classification; Bacterial Population Surveys; Degradation -see Pesticide Deg; Myxobacteria; Plant Habitat Studies; Water Bacteria; Water Pollution Sources; Water Quality -general; ...2.0748

TISSUE ANALYSIS FOR NUTRIENT ASSAY OF NATURAL WATERS ...Aquatic Plants -nonspecific; Mineralogical Water Properties; Plant Pollutants; Plants - Monocotyledons; Wisconsin; ...2.0859

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED, WALWORTH, ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Algae -nonspecific; Chemical Water Properties; Fish; Najadaceae; Physical Water Properties; Water Pollutant Identification; Watersheds; ...2.0868

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Salinity (water); Temperature (water); ...2.1684

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation - see Pesticide Deg; Lake Champlain; Nutrients; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Sediments; Water Bacteria; ...4.0072

RECOVERY OF A NATURAL PLANT COMMUNITY FOLLOWING EXPOSURE TO BETA RADIATION FROM SIMULATED FALLOUT PARTICLES ...Composites; Plant Ecology -nonspecific; Plants; Radioactive Fallout-cf Fallout; Seeds; ...5.0545

Temporal Distribution

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES - Algae -nonspecific, Biological Water Properties, Eutrophication, Indiana, Lakes, Organic Properties, Synoptic Weather Observations, Temperature - Air, Vertical Distribution, Water Stratification. 2.0137

EUTROPHICATION OF SMALL RESERVOIRS IN THE GREAT PLAINS - Algae -nonspecific, Chemical Water Properties, Flood Control Reservoirs, Great Plains Province, Nebraska, Physical Water Properties. 2.0238

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE - Algae -nonspecific, Algal Pollutant Sources, Bioindicators, Contamination - Water, Eutrophic Lakes, Eutrophication, New Hampshire, Phytoplankton, Plant Epiphytic Relationships, Plant Habitat Studies, Sewage Lagoons, Water Pollutant Identification, Water Supply -general. 2.0670

THE RELATION OF ESTUARINE ALGAE TO WATER QUALITY - Algae -nonspecific, Aquatic Distribution, Estuaries, North Carolina, Plankton Sampling, Range Or Territorial Distr. 2.0709

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT - Animal Life History Studies, Aquatic Plants -nonspecific, Ecological Effects, Energy Conversion, Fish Food Supply -other, Minnesota, Physical Water Properties, Plant Phenology, Seasonal Distribution, Thermal Pollution, Water Standards & Baselines. 2.1602

Diel, Diurnal Distribution

AEROBIOLOGICAL SURVEY IN THE SORTHERN ROCKY MOUNTAINS AND PLAINS - Air Pollution -see Specifics, Biological Organisms, Contamination -see Air & Water, Montana, Pollens -see Air Pollution, Seasonal Distribution, Vertical Distribution. 1.0070

CONTINUE QUANTITATIVE STUDIES OF RAGWEED POLLEN IN SARATOGA SPRINGS, NEW YORK IN RELATION TO DIURNAL VARIATIONS, LOCATION AND OTHER CONDITIONS - Air Pollution Sampling, Atmospheric Dynamics, Humidity, Water Vapor, Pollen -see Pollen, Temperature - Air. 1.0256

Seasonal Distribution

AEROBIOLOGICAL SURVEY IN THE SORTHERN ROCKY MOUNTAINS AND PLAINS - Air Pollution -see Specifics, Biological Organisms, Contamination -see Air & Water, Montana, Pollens -see Air Pollution, Vertical Distribution. 1.0070

DYSAMICS OF ALGAE POPULATIONS IN FARM FISH PONDS - Algae - Cyanophyta, Algal Pollutant Sources, Farm Pond, Lower Plants, Phytoplankton, Taxonomy -plant. 2.0001

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN - Aquatic Distribution, Environmental Influences, Lower Plants, Phosphorus and Phosphorus Cpds, Phytoplankton, Runoff (water), Taxonomy -plant, Water Quality -general. 2.0274

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS - Bays, Copepoda, Eutrophication, Nutrients, Phytoplankton, Plant Population Dynamics -gen, Puget Sound, Tides, Wind. 2.0423

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON - Algae -nonspecific, Aquatic Distribution, Benthic Flora, Brackish Water, Diatoms (see Also Algae), Estuaries, Marine Plants, Oregon, Plant Physiological Ecology, Plant Species Diversity, Salinity (water), Taxonomy -plant, Water Pollutant Identification. 2.0747

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY - Algae -nonspecific, Algal Physiology, Contamination - Water, Mineralogical Water Properties, Phosphorus and Phosphorus Cpds, Plant Physiological Ecology, Plant Species Diversity, Wisconsin. 2.0853

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT - Animal Life History Studies, Aquatic Plants -nonspecific, Ecological Effects, Energy Conversion, Fish Food Supply -other, Minnesota, Physical Water Properties, Plant Phenology, Temporal Distribution, Thermal Pollution, Water Standards & Baselines. 2.1602

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION - Algal Physiology, Aquatic Plants -nonspecific, Benthic Flora, Crustacea, Estuaries, Industrial Wastes, Marine Plants, Phytoplankton, Plant Habitat Studies, Range Or Territorial Distr., Salinity (water), Temperature (water). 2.1684

Vertical Distribution

AIR SPORA IN HAWAII - Air Pollution -see Specifics, Atmospheric Dynamics, Fungi -nonspecific, Humidity - Water Vapor, Organic Compounds, Plant Pathogenetic Fungi, Pollens -see Air Pollution, Tropical Regions, Wind. 1.0045

AEROBIOLOGICAL SURVEY IN THE NORTHERN ROCKY MOUNTAINS AND PLAINS - Air Pollution -see Specifics, Biological Organisms, Contamination -see Air & Water, Montana, Pollens -see Air Pollution, Seasonal Distribution. 1.0070

CHANGING VEGETATION AND ATMOSPHERIC POLLEN - Air Pollution -see Specifics, Economics of Natural Resources, Lakes, Plant Competition, Pollen -see Pollen, Rural Areas, Urban Environment, Wind -see Air Motion. 1.0076

TRAVELS OF AIRBORNE POLLEN - Air Pollution, Air Pollution -see Specifics, Atmospheric Dynamics, Engineering Sources-other, Mathematical Models, Pollen -see Pollen, Range Or Territorial Distr., Urban Environment. 1.0079

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES - Algae -nonspecific, Biological Water Properties, Eutrophication, Indiana, Lakes, Organic Properties, Synoptic Weather Observations, Temperature - Air, Water Stratification. 2.0137

Aquatic Distribution

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS - Absorption (incl Absorption), Acidity (water), Alkalinity (water), Aquatic Plants -nonspecific, Eutrophication, Mineral Composition, Nitrogen and Nitrogen Cpds., Optical Properties of Water, Organic Water Properties, Phosphorus and Phosphorus Cpds, Plant Population Dynamics -gen, Scuba, Water Pollutant Identification. 2.0178

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN - Environmental Influences, Lower Plants, Phosphorus and Phosphorus Cpds, Phytoplankton, Runoff (water), Taxonomy -plant, Water Quality -general. 2.0274

ECOLOGY OF CLOSTRIDIUM BOTULINUM TYPE E IN GREEN BAY - Bacterial Ecology, Bacterial Population Success, Cellular Physiology, Env. Eff., Competition Among Thallophytes, Lake Michigan, Water Pollution -see Specifics. 2.0453

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU - Bacterial Ecology, Bays, Hawaii, Intestinal Bacteria, Nitrogen and Nitrogen Cpds, Sewage, Water Pollutant Identification. 2.0563

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI - Bacterial Pollutant Sources, Contamination - Water, Escherichia Sp, Gulf of Mexico, Mississippi, Ostreidae (oyster), Pollution Effects -see Water. 2.0652

THE RELATION OF ESTUARINE ALGAE TO WATER QUALITY - Algae -nonspecific, Estuaries, North Carolina, Plankton Sampling, Range Or Territorial Distr., 2.0709

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON - Algae -nonspecific, Benthic Flora, Brackish Water, Diatoms (see Also Algae), Estuaries, Marine Plants, Oregon, Plant Physiological Ecology, Plant Species Diversity, Salinity (water), Taxonomy -plant, Water Pollutant Identification. 2.0747

REVERSAL OF EUTROPHICATION THROUGH ARTIFICIAL AERATION OF LAKES - Aeration (water), Benthic Fauna, Eutrophic Lakes, Michigan, Phosphorus and Phosphorus Cpds, Primary Productivity - Plants, Vertical Distribution. 2.1045

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION - Algae - Cyanophyta, Algal Pollutant Sources, Carbon, Environmental Influences, Mineralogical Water Properties, Nitrogen and Nitrogen Cpds, Optical Properties of Water, Physical Water Properties, Plankton Sampling, Stratification (water). 2.1049

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM - Algae -nonspecific, Aquatic Ecology - Animal, Cellular Catabolism-see Degrad, DDE, Degradation -see Pesticide Deg, Farm Pond, Fish, Invertebrates -nonspecific, Pesticide Aquatic Cycling, Pesticide Movement in Soils, Pesticides -see Pesticide, TDE. 2.1590

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION - Algal Physiology, Aquatic Plants -nonspecific, Benthic Flora, Crustacea, Estuaries, Industrial Wastes, Marine Plants, Phytoplankton, Plant Habitat Studies, Range Or Territorial Distr., Salinity (water), Temperature (water). 2.1684

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN - Bacterial Ecology, Degradation -see Pesticide Deg, Lake Champlain, Nutrients, Pesticide Toxicity to Microorg, Pesticides -see Pesticide, Sediments, Water Bacteria. 4.0072

Plant Ecology -nonspecific

WORKSHOP ON GLOBAL ECOLOGICAL PROBLEMS Meetings, **1.0049**

EFFECTS OF ENVIRONMENTAL POLLUTION FROM AIR FORCE MISSILE PROPELLANTS ON PLANTS Air Pollution -see Specifics, Measles, **1.0410**

BASE STUDY OF THE STATUS OF ECOLOGICAL RESEARCH Air Pollution -see Specifics, Air Pollution Effects, Balance of Nature - Plants, Environmental Ecology, Literature Search, Pollution Effects -see Water, **1.0498**

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES I. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE Algae - Chlorophyta, Cell Injury and Autolysis, Chemical Mutagenesis, Industrial Wastes, Metabolism of Algacides, Radiation Sources -general, X and Gamma Rays, **2.0027**

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME Analysis of Ecosystems, Aquatic Ecology - Animal, Deciduous Forests, Energy Budgets, Forest Management, Land Use, Microorganisms -nonspecific, Plant Productivity -general, Productivity of Terrestrial, River Basins, Systems Analysis - Water Mgmt, Water Resources Planning, **2.0373**

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS RELATIONSHIPS Algae -nonspecific, Animal Productivity, Aquatic Fungi -nonspecific, Ecological Effects, Estuaries, Florida, Industrial Wastes, Marine Animals, Nematoda, Plant Food Chains, Pollution Effects -see Water, Rhizophoraceae, Thermal Pollution, Urban Research -general, Water Standards & Baselines, **2.0547**

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION Agricultural Land Use Effects, Aquatic Ecology - Animal, Degradation -see Pesticide Deg, Drainage, Eutrophication, Industry, Land Use Effects, Michigan, Pesticides -nonspecific, Phosphorus and Phosphorus Cpds, Plant Freshwater Ecology, Recreation, Water Resources, Urban Environment, Water Pollutant Identification, Water Standards & Baselines, **2.0634**

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON Algae -nonspecific, Aquatic Distribution, Benthic Flora, Brackish Water, Diatoms (see Also Algae), Estuaries, Marine Plants, Oregon, Plant Physiological Ecology, Plant Species Diversity, Salinity (water), Taxonomy - plant, Water Pollutant Identification, **2.0747**

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY Benthic Flora, Chemical Water Properties, Contamination - Water, Growth, Periphyton, Physiological Effects, Plant Habitat Studies, Sewage, Water Pollutant Identification, Water Pollution Sources, **2.0778**

ECOLOGICAL AND PHYSIOLOGICAL IMPLICATIONS OF GREENBELT IRRIGATION California, Fire Prevention, Groundwater, Irrigation, Sewage Waste Disposal on Soils, **2.1189**

ENERGY EXCHANGE WITHIN ECOSYSTEMS Air Pollution -see Specifics, Computer Methods -general, Energy Budgets, Metabolism and Biochemistry, Plant Competition, Plant Physiological Ecology, Plant Response to Environ, Temperature - Internal, Water Utilization -plant, **2.1629**

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION Algal Physiology, Aquatic Plants -nonspecific, Benthic Flora, Crustacea, Estuaries, Industrial Wastes, Marine Plants, Phytoplankton, Plant Habitat Studies, Range Or Territorial Distr, Salinity (water), Temperature (water), **2.1684**

EFFECTS OF POLLUTANTS ON SUBMARINE PLANT SYNECOLOGY Aquatic Plants -nonspecific, Contamination - Water, Industrial Wastes, Mineralogical Water Properties, Plant Succession, **2.1749**

MICRO-ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER Acid Mine Drainage, Acidity (water), Forecasting - Prediction, Induced Temperature, Lower Plants, Phytoplankton, Primary Productivity - Plants, Thermal Pollution, **2.1772**

DEVELOPING BROADLY COHERENT MULTIDISCIPLINARY RESEARCH AND GRADUATE TRAINING PROGRAMS IN ENVIRONMENTAL QUALITY Conservation -see Soil Conser, Soil Tillage, Training Grants, Fellowships, Waste Disposal-see Solid Waste, **2.1853**

ENVIRONMENTAL CONSIDERATIONS IN LAND AND WATER USE PLANNING IN RIVER BASINS Land Use, North Carolina, Recreation, Water Resources, River Basins, Types of Resources, Urban Environment, Water Resources Planning, **2.1887**

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA Administrative Organizations, Federal Government, Law Enforcement, Local Government, Recreation, Water Resources, State Government, Water Conservation -general, Water Resources Planning, **2.1919**

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS Aquatic Ecology - Animal, Dieldrin, Farm Pond, Georgia, Pesticide Aquatic Cycling, Pesticide Movement in Soils, Pesticide Residues, **4.0025**

SOIL FUMIGANT CHEMICALS AND THEIR EFFECTS ON SOIL MICROFLORA Bacteria -nonspecific, Nematoda, Pesticide Phytotoxicity, Plant Pathogenetic, Fungi, Soil Depth, Soil Microbiology, Soil Moisture, **4.0107**

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST Agropyron, Centaurea, Convolvulaceae, Cynodon, Fumigants -nonspecific, Pesticide Action on Plants, Pesticide Residues, Solanum, Vitaceae, **4.0191**

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES Bensulide, Environment Accumulation Rates, Pesticide Action on Plants, Pesticide Residues, Triazines -nonspecific, **4.0404**

ECOLOGICAL STUDIES OF RADIONUCLIDES IN ECOSYSTEMS AT NUCLEAR DETONATION SITES Hydrogen, Pollution Effects -see Water, Radioactive Contamination, Radioactive Fallout-cf Fallout, Radioecology - Plants, Transpiration and Evap, **5.0008**

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM Amphibious Plants, Chemical Properties, Eastern U. S., Gramineae, Model Studies, Phosphorus and Phosphorus Cpds, Primary Productivity - Plants, Radioisotopes, Swamps - Marshes, Water Cycle, **5.0032**

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY Absorption (incl. Adsorption), Aquatic Ecology - Animal, Cesium, Contamination - Water, Cyprinidae, Energy Budgets, Radioactive Fallout, Reactor Sites & Rad Waste, Strontium, **5.0038**

BIOENVIRONMENTAL AND ECOLOGICAL DATA AND INFORMATION CENTER IN SUPPORT OF BIOENVIRONMENTAL AND RADIOLOGICAL SAFETY FEASIBILITY STUDIES Aquatic Ecology - Animal, Critically Evaluated Info, Data & Statistics Info Storage, Information Science, Radiologic Health, Tropical Regions, **5.0062**

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS Algae -nonspecific, Annelida, Cesium, Environmental Ecology, Invertebrate Physiology, Plant Freshwater Ecology, Productivity of Freshwater, Radioactive Pollution -ns, Ruthenium, **5.0069**

SYSTEMS ECOLOGY Animal Predation, Computer Methods - general, Energy Budgets, Environmental Ecology, Plant Productivity -general, Radioactive Pollution -ns, Reactor Sites & Rad Waste, Systems Analysis, **5.0074**

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM Andropogon, Arthropods, Calcium, Cesium, Deciduous Forests, Festuca, Grasslands, Iodine, Magnoliaceae, Metabolism and Biochemistry, Mineral Nutrition, Syssaceae, Plants, Radiation Effects -see Rad, Radioactive Fallout-cf Fallout, Sodium, **5.0075**

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES Animal Interrelationships -gen, Animal Succession, Energy Budgets, Plant Competition, Plant Productivity -general, Plants, Productivity of Freshwater, Radioactive Pollution -ns, Radioisotopes -nonspecific, Systems Analysis - Water Mgmt, **5.0261**

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS Beta Particles, Plant Biomes, Plant Succession, Radiation Effects -see Rad, Radiation Sensitivity -man, Radioecology - Plants, Soil Microbiology, Wisconsin, **5.0542**

RECOVERY OF A NATURAL PLANT COMMUNITY FOLLOWING EXPOSURE TO BETA RADIATION FROM SIMULATED FALLOUT PARTICLES Compositae, Plants, Radioactive Fallout-cf Fallout, Range Or Territorial Distr, Seeds, **5.0545**

EFFECTS OF GAMMA RADIATION ON HERBACEOUS SPECIES IN A NORTHERN HARDWOOD FOREST Aster, Deciduous Forests, Radiation Effects -see Rad, Radioecology - Plants, X and Gamma Rays, **5.0548**

PRECIPITATION, AIR TEMPERATURES, SOIL MOISTURE, & GAMMA RADIATION, IN 68 MOJAVE & GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, 1962-70 (ABBREV) Air Pollution Sampling, Nevada, Population Dynamics -general, Precipitation Amount, Radioactive Pollution -ns, Soil Moisture, Temperature, **5.0787**

ENVIRONMENTAL BIOLOGY - METABOLISM AND PRODUCTION OF A FOREST ...Carbon, Photosynthesis, Plants, Quercus, Radioecology / Plants, X and Gamma Rays, ...5.0900

Plant Epiphytic Relationships

THE EFFECTS OF ATMOSPHERIC POLLUTION ON EPIPHYTES ...Air Pollution Monitoring, Bryophyta, Idaho, Iron & Steel Industry, Montana, Pseudotsuga, Range Or Territorial Distr., ...1.0421

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific, Algal Physiology, Eutrophic Lakes, Mineral Nutrition, Organic Water Properties, Photosynthesis, Plant Productivity -general, Submerged Plants, ...2.0198

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific, Algal Pollutant Sources, Bioindicators, Contamination - Water, Eutrophic Lakes, Eutrophication, New Hampshire, Phytoplankton, Plant Habitat Studies, Sewage Lagoons, Water Pollutant Identification, Water Supply - general, ...2.0670

THE EFFECT OF INORGANIC SEDIMENT ON STREAM BIOTA ...Animal Productivity, Contamination - Water, Invertebrates - nonspecific, Pollution Effects -see Water, Sediments, ...2.1554

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific, Animal Distribution, Animal Productivity, Calcium, Energy Budgets, Invertebrate Physiology, Marine Animals, Nematoda, Plant Physiological Ecology, Species Diversity Measurement, Swamps - Marshes, Water Pollutant Identification, ...2.1651

Plant Food Chains

GEOCHEMICAL SURVEY OF THE VEGETATION OF MISSOURI ...Air Pollution, Air Pollution -see Specifics, Bioindicators, Missouri, Roads & Highways -see Highways, Soil Chemical Properties, Soil Minerals -natural, ...1.0331

ACCUMULATION OF METALS IN THE AQUATIC FOOD CHAIN IN THE ILLINOIS RIVER ...Analysis and Detection, Aquatic Soils, Bioassays, Illinois River, Water Pollution Effects, ...2.0125

MICROBIAL INTERVENTION IN THE EUTROPHICATION PROCESS ...Algae -nonspecific, Aquatic Soils, Deposits, Eutrophication, Mineralogical Water Properties, Organic Properties, ...2.0177

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity, Aquatic Ecology - Animal, Contamination - Water, Environmental Physiology, Gramineae, Iron, Magnesium, Marine Animals, Marine Plants, Radioactive Fallout-cf Fallout, Rubiaceae, Ruthenium, Salinity (water), Water Cycle, Zinc, ...2.0281

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems, Aquatic Ecology - Animal, Deciduous Forests, Energy Budgets, Forest Management, Land Use, Microorganisms -nonspecific, Plant Ecology -nonspecific, Plant Productivity - general, Productivity of Terrestrial, River Basins, Systems Analysis - Water Mgmt, Water Resources Planning, ...2.0373

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific, Animal Productivity, Aquatic Fungi -nonspecific, Ecological Effects, Estuaries, Florida, Industrial Wastes, Marine Animals, Nematoda, Plant Ecology - nonspecific, Pollution Effects -see Water, Rhizophoraceae, Thermal Pollution, Urban Research -general, Water Standards & Baselines, ...2.0547

TERRESTRIAL ECOLOGY ...Cesium, Radioisotopes -nonspecific, Rain, Rain Forests, Soil Chemical Properties, ...2.0768

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity, Cellular Catabolism-see Degrad, Estuaries, Microorganisms -nonspecific, Plankton, Plant Productivity -general, Ponds, Primary Productivity - Plants, Water Pollution Sources, ...2.1069

ECOLOGY AND NITROGEN CYCLE IN A MARINE PLANT COMMUNITY ...Alaska, Bering Sea, Lagoons, Nitrogen Cycle - see Denitrif., Physiological Effects, Plant Physiological Ecology, Primary Productivity - Plants, ...2.1476

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity, Benthic Organisms -nonspecific, Energy Budgets, Fish, Management (water), Marine Animals, Mathematical Models, North Carolina, Plant Population Dynamics -gen, Primary Productivity - Plants, Thermal Pollution, Zooplankton, ...2.1656

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific, Algal Pollutant Sources, Aquatic Ecology - Animal, Computer Methods -general, Environmental Ecology, Estuaries, Eutrophication, Lower Plants, Simulation Theory, Water Pollution Abatement, ...2.1675

MEASUREMENT AND MANAGEMENT ASPECTS OF WATER TOXICOLOGY ...Analysis and Detection, Biological Effects, Chemical Analysis (water), Food Contamination, Thermal Pollution, Training Grants, Fellowships, ...2.1793

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific, Aquatic Ecology - Animal, Chemical Analysis, Chlorinated Hydrocarbons, Environmental Physiology, Fresh Water, Invertebrate Physiology, Methoxychlor, Pesticide in Food Chains, Pesticide Toxicity to Microorg, Protozoa, Toxaphene, ...4.0048

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity, Birds, Chemical Analysis, Ecological Effects, Environmental Ecology, Fish, Lakes, Pesticide Residues, Pesticides -see Pesticide, ...4.0067

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation, Canidae, Cervus, Environmental Effects - Human, Finland, Iron, Lead, Radiation, Whole Body, Radiologic Health, Strontium, ...5.0030

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis, Animal Productivity, Contamination - Water, Food Contamination, Hydrogen, Radioactive Contamination, Radioactive Fallout-cf Fallout, Radioactivity, Radiologic Health, Water Pollutants - Path of, Water Pollution Sources, ...5.0036

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific, Annelida, Cesium, Environmental Ecology, Invertebrate Physiology, Plant Ecology -nonspecific, Plant Freshwater Ecology, Productivity -cf Freshwater, Radioactive Pollution -ns, Ruthenium, ...5.0069

SYSTEMS ECOLOGY ...Animal Predation, Computer Methods - general, Energy Budgets, Environmental Ecology, Plant Ecology - nonspecific, Plant Productivity -general, Radioactive Pollution -ns, Reactor Sites & Rad Waste, Systems Analysis, ...5.0074

ULTRA-HIGH DOSE RATE RADIOBIOLOGY ...Animal Productivity, Hydrogen, Muridae, Pollution Effects -see Water, Radioactive Pollution -ns, Radioecology - Plants, ...5.0181

CELLULAR PREDICTORS OF RADIOSENSITIVITY ...Animal Productivity, Bioindicators, Microorganisms, Radiation, Radiation Sensitivity -man, ...5.0811

Plant Freshwater Ecology

DYNAMICS OF ALGAE POPULATIONS IN FARM FISH PONDS ...Algae - Cyanophyta, Algal Pollutant Sources, Farm Pond, Lower Plants, Phytoplankton, Seasonal Distribution, Taxonomy - plant, ...2.0001

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Algae -nonspecific, Benthic Organisms -nonspecific, Bottom Sampling, Chemical Water Properties, Microorganisms -nonspecific, Spectrographic Techniques, Waste Water Treatment -general, Water Quality Control -general, ...2.0114

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific, Chemical Analysis (water), Environmental Influences, Eutrophication, Iowa, Nutrients, Water Pollutant Identification, Water Standards & Baselines, ...2.0143

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption), Acidity (water), Alkalinity (water), Aquatic Plants -nonspecific, Eutrophication, Mineral Composition, Nitrogen and Nitrogen Cpds, Optical Properties of Water, Organic Water Properties, Phosphorus and Phosphorus Cpds, Plant Population Dynamics -gen, Scuba, Water Pollutant Identification, ...2.0178

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal, Benthic Organisms -nonspecific, Chemical Measurements (water), Circulation (water), Estuaries, Great Lakes -see Specific Lake, Lake Huron, Marine Biology - General, Optical Properties of Water, Plankton, Pollution Effects -see Water, Temperature (water), Water, Wisconsin, ...2.0189

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes, Analysis and Detection, Atomic Absorption, Contamination - Water, Lead, Mine Hydrology, Missouri, Pollution Effects -see Water, Water Pollution Effects, Zinc, ...2.0226

NATURAL WATER SYSTEMS IN WESTERN MONTANA ...Aquatic Ecology - Animal, Chemical Water Properties, Montana, Water Properties -general, ...2.0234

AN INVESTIGATION OF APHANIZOMENON FLOS-AQUAE, A TOXIC BY₂PRODUCT OF EUTROPHICATION ...Algae - Cyanophyta; Algal Toxins; Aquatic Ecology - Animal; Eutrophication; Plant Toxins; ...2.0246

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN ...Aquatic Distribution; Environmental Influences; Lower Plants; Phosphorus and Phosphorus Cpds; Phytoplankton; Runoff (water); Taxonomy -plant; Water Quality - general; ...2.0274

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties; Contamination - Water; Environmental Influences; Mineral Nutrition; Nutrient Studies -animal; Photosynthesis; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines; ...2.0298

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICRO-ORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Bacterial Ecology; Chemical Water Properties; Ecological Effects; Lake Erie; Microorganisms -nonspecific; Physical Water Properties; Plant Physiological Ecology; ...2.0300

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Energy Conversion; Heat Recovery, Industrial; Nuclear Power; Public Utilities; Social Aspects; Thermal Pollution; ...2.0352

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Animal Productivity; Chemical Water Properties; Eutrophication; Fish; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Primary Productivity - Plants; Zooplankton; ...2.0363

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS ...Amphibious Plants; Biological Water Properties; Mineralogical Water Properties; Pesticides -nonspecific; Radioisotopes; Springs; Washington; ...2.0414

MULTIPLICATION OF CLOSTRIDIUM BOTULINUM TYPE E IN THE GREAT LAKES ...Aquatic Plants -nonspecific; Bacterial Exotoxins; Bottom Sampling; Depth (water); Wisconsin; ...2.0452

ECOLOGY OF CLOSTRIDIUM BOTULINUM TYPE E IN GREEN BAY ...Aquatic Distribution; Bacterial Exotoxins; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Competition Among Thallophytes; Lake Michigan; Water Pollution - see Specifics; ...2.0453

STUDIES ON THE INTERACTIONS OF BACTERIA AND NEMATODES ...Animal Interrelationships -gen; Aquatic Ecology - Animal; Bacterial Pollutant Sources; Invertebrate Physiology; ...2.0461

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ...Aquatic Distribution; Bacterial Pollutant Sources; Contamination - Water; Escherichia Sp; Gulf of Mexico; Mississippi; Ostreidae (oyster); Pollution Effects -see Water; ...2.0652

A STUDY OF THE ECOLOGY OF THE MISSISSIPPI TEST FACILITY ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Chemical Water Properties; Mississippi; Physical Water Properties; Research Facilities, Water Standards & Baselines; ...2.0654

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; Land Use; New York; Plants - Dicotyledons; Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

ECOLOGY OF YEASTS IN LAKE CHAMPLAIN ...Acidity (water); Bioindicators; New York; Temperature (water); Water Pollutant Identification; ...2.0700

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Sewage; Trace Element Analysis; Water Properties -general; Water Standards & Baselines; ...2.0701

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Aquatic Ecology - Animal; Eutrophic Lakes; Eutrophication; Ohio; Plant Habitat Studies; Reservoirs and Impoundments; Survey Studies (water); Vertical Distribution; ...2.0729

FLORISTIC AND FAUNISTIC SURVEY IN THE CUYAHOGA RIVER WATERSHED ...Algae -nonspecific; Aquatic Ecology - Animal; Fish; Ohio; River Basins; ...2.0732

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Data Reduction and Analysis: Management (water); Oregon; Survey Studies (water); Water Quality -general; Watersheds; ...2.0744

STUDIES ON AQUATIC MYXOBACTERIA ...Bacterial Classification; Bacterial Population Surveys; Degradation -see Pesticide Deg; Myxobacteria; Plant Habitat Studies; Water Bacteria; Water Pollution Sources; Water Quality -general; ...2.0748

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; Sewage; ...2.0848

BUFFER CAPACITY IN AQUATIC ECOSYSTEMS ...Acidity (water); Alkalinity (water); Biological Water Properties; Mathematical Models; Water Quality Control -general; ...2.0889

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acid Mine Drainage; Acidity (water); Algal Physiology; Alkalinity (water); Mine Drainage Control; Oxygen Content (water); Rehabilitation - streams -lakes; Waste Water Treatment -general; ...2.1079

RESPIRATION OF AQUATIC MACROPHYTES IN EUTROPHIC SYSTEMS ...Algae -nonspecific; Aquatic Plants -nonspecific; Eutrophication; Mineral Nutrition; Oxygen Content (water); Primary Productivity - Plants; Water Purification; ...2.1088

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Utah; ...2.1112

SIGNIFICANCE OF ARTHROBACTER IN ECOLOGY OF WATER AND SOIL ...Arthrobacter; Cellular Catabolism-see Degrad; Dominant Organisms; Moisture; Plant Resistance; Soil Ecology; Soil Microbiology; Water Bacteria; ...2.1136

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Biological Water Properties; Circulation (water); Ecological Effects; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Soil Tillage; Water Properties - general; ...2.1494

ECOLOGICAL IMPACTS OF RECLAMATION PROJECTS ...Aquatic Ecology - Animal; Ecological Effects; Reservoirs and Impoundments; Water Distribution Systems, ...2.1508

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae; Eutrophication; Fertilizers -aquatic; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Potamogetonaceae; ...2.1650

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water); Channels; Contamination f Water; Ecological Effects; Organic Matter; Primary Productivity - Plants; Sewage Treatment Plant; Thermal Pollution; ...2.1658

ECOLOGICAL STUDIES OF AN EXPERIMENTAL STREAM ...Animal Habitat Studies; Energy Budgets; Environmental Ecology; Pollution Effects -see Water; ...2.1686

AN EXPANDED PROGRAM OF RESEARCH IN FRESHWATER ECOLOGY ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Environment Resistance-animals; Fresh Water; Pollution Effects -see Water; Water Pollution Sources; ...2.1689

STUDY OF TEMPERATURE EFFECTS IN COOLING WATER BODIES ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Bays; Ecological Effects; Lakes; Temperature (water); Thermal Pollution; ...2.1734

THE EFFECTS OF HEATED WASTE WATERS UPON MICROBIAL COMMUNITIES ...Algae -nonspecific; Ecological Effects; Energy Conversion; Management (water); Protozoa; ...2.1743

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Aquatic Ecology - Animal; Chemical Water Properties; Economic Impact; Kentucky; Regional Economics; Social Aspects; Water Quality -general; ...2.1835

SUPPORT OF TWO RESEARCH VESSELS ...Biological Water Properties; Core Analysis; Great Lakes -see Specific Lake; Physical Water Properties; Research Facilities; Thermal Pollution; ...2.1851

MECHANISMS OF PESTICIDE ACCUMULATION IN AQUATIC ORGANISMS ...Animal Pests; Biological Effects; Insecticides -nonspecific; Pesticide in Food Chains; Plant Absorption -other; Pollution Effects -see Water; ...4.0039

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; ...4.0040

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

THE EFFECT OF PESTICIDES ON PRIMARY PRODUCERS IN A FRESHWATER ECOSYSTEM (ABBREV.) ...Adenosine Triphosphate; Aroclor; Insecticides -nonspecific; Pesticides -see Pesticide; Phytoplankton; Polychlorinated Biphenyl Cpds.; ...4.0707

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; Pesticides -nonspecific; Temperature (water); Water Quality -general; ...4.0716

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Radioisotopes; Toxaphene; ...4.1055

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Cesium; Contamination - Water; Cyprinidae; Energy Budgets; Plant Ecology -nonspecific; Radioactive Fallout; Reactor Sites & Rad Waste; Strontium; ...5.0038

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Cesium; Environmental Ecology; Invertebrate Physiology; Plant Ecology -nonspecific; Productivity of Freshwater; Radioactive Pollution -ns; Ruthenium; ...5.0069

Plant Habitat Studies

USSR LITERATURE ON AIR POLLUTION AND RELATED DISEASES ...Air Pollution -see Specifics; Air Pollution Effects; Environmental Effects - Human; Literature Search; ...1.0211

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Management (water); Population Dynamics -general; Soil Moisture; Urban Environment; Water Balance - Budget; ...2.0108

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Animal Productivity; Aquatic Plants -nonspecific; Glaciology; Mineralogical Water Properties; Nutrients; Plant Productivity -general; Sub - Polar Regions; Wild Rivers; ...2.0472

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Brazil; Florida; Marine Plants; Plant Distribution; Plant Population Dynamics -gen; Protozoa; Taxonomy -plant; Water Quality - general; ...2.0542

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Aquatic Ecology - Animal; Eutrophic Lakes; Eutrophication; Ohio; Reservoirs and Impoundments; Survey Studies (water); Vertical Distribution; ...2.0729

STUDIES ON AQUATIC MYXOBACTERIA ..Bacterial Classification; Bacterial Population Surveys; Degradation -see Pesticide Deg; Myxobacteria; Water Bacteria; Water Pollution Sources; Water Quality -general; ...2.0748

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Chemical Water Properties; Contamination - Water; Growth; Periphyton; Physiological Effects; Sewage; Water Pollutant Identification; Water Pollution Sources; ...2.0778

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED, WALWORTH, ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Algae -nonspecific; Chemical Water Properties; Fish; Najadaceae; Physical Water Properties; Range Or Territorial Distr.; Water Pollutant Identification; Watersheds; ...2.0868

STUDY OF ASSIMILATIVE CAPACITY OF ARCTIC AND SUB-ARCTIC STREAMS ...Animal Habitat Studies; Degradation -see Pesticide Deg; Optical Properties of Water; Sub - Polar Regions; Water Pollution Effects; ...2.0959

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Tides; ...2.1124

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Amphibious Plants; Biological Effects; Cirripedia; Contamination - Water; Marine Animals; Marine Environments; Petroleum -see Oil; ...2.1502

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

IMPLEMENTATION OF HABITAT ALTERATIONS ...Amphibious Plants; Animal Succession; Depth (water); Environmental Ecology; Lakes; Population Dynamics -general; Water Depth, Water Levels; ...2.1534

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy

Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

ENVIRONMENTAL EFFECTS OF COASTAL ZONE POWER GENERATION ...Animal Habitat Studies; Consultants, Advisory Services; Energy Conversion; Environmental Ecology; Federal Government; North Carolina; Power Development; ...2.1664

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

ECOLOGICAL STUDIES OF AN EXPERIMENTAL STREAM ...Animal Habitat Studies; Energy Budgets; Environmental Ecology; Plant Freshwater Ecology; Pollution Effects -see Water; ...2.1686

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

A SURVEY OF CHEMICAL AND PHYSICAL PROPERTIES OF SOILS AT THE NEVADA TEST SITE ...Arid and Desert Regions; Nevada; Plant Species Diversity; Soil Chemical Properties; Soil Types -also See Specifics; ...5.0153

TERRESTRIAL PLANT ECOLOGY ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Phenology; Plant Succession; Soil Minerals -natural; Soil Water Plant Relationships; ...5.0752

Plant Pathology - Env. Relat.

AEROBIOLOGY PROGRAM ...Aerobiology; Air Pollution -see Specifics; Conservation of Ecosystems; Microorganisms -nonspecific; Range Or Territorial Distr.; ...1.0216

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY - COTTON ...Aging; Air Pollution -see Specifics; Gossypium; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Nitrogen Metabolism; Pathological Physiology; ...1.0322

ENVIRONMENT - AIR POLLUTION INTERACTIONS ON PLANTS ...Air Pollution -see Specifics, Herbicides and Other Chem; Moisture Deficiency; Plant Response to Env. -ns; Temperature - Air; ...1.0326

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Cell Injury and Autolysis; Herbicides and Other Chem; Nicotiana; Phaseolus; Pollutant Resistance; ...1.0334

EFFECTS OF AIR-BORNE FLUORIDES ON CITRUS ...Air Pollution -see Specifics, Citrus; Fluorine; Fruit, Nut, and Berry Crops; Leaf Analysis; ...1.0340

ATMOSPHERIC OZONE AND WEATHER FLECK ON FLORIDA CIGAR-WRAPPER TOBACCO ...Air Masses; Climates -general; Gases; Nicotiana; Soil Moisture; ...1.0342

ATMOSPHERIC IONS AND THE INFECTION PROCESS OF FUNGI ...Air Pollution; Environmental Factors; Ionic Effect; Particulates - Air Pollution; Plant Pathogenetic Fungi; ...1.0362

A STUDY OF PLANTS GROWING IN POLLUTED ATMOSPHERES ...Air Pollution -see Specifics; Fumigants -nonspecific; Gases; Growth; ...1.0364

PHYSIOLOGICAL RESPONSES OF PLANTS TO TOXIC AIR POLLUTANTS ...Adenosine Triphosphate; Enzymes; Lycopersicum; Mineral Nutrition; Pathological Physiology; Pinus Nigra; Respiration; Vegetables; ...1.0365

EFFECTS ON FOREST TREES OF LONG-TERM EXPOSURE TO LOW CONCENTRATIONS OF AIR POLLUTANTS ...Fluorine; Forest Pathology; Pinus Strobus; Pollutant Resistance; Smoke -see Air Pollution; ...1.0384

RELATIONSHIP OF AIR POLLUTION TO HARDWOOD FORESTS OF THE NORTHEASTERN UNITED STATES ...Air Pollution -see Specifics; Air Pollution Sampling; Deciduous Forests; Forest Pathology; Temperature - Air; ...1.0412

AIR POLLUTION EFFECTS ...Animal Life History Studies; Hamamelidaceae; Oleaceae; Pinus Nigra; Pinus Virginiana; Plant Response to Env. -ns; Quercus; ...1.0419

DESIGNING AND TESTING HYDRAULIC HANDLING SYSTEMS FOR POTATOES, SUGAR BEETS AND OTHER CROPS ...Chenopodiaceae; Plant Waste Removal, Treatment; Solanum; Storage Changes; Vegetables; ...3.0157

INFLUENCE OF HERBICIDES, FUNGICIDES, & INSECTICIDES ON COTTON GERMINATION & SEEDLING VIGOR ...Gossypium; Korax; Pesticide Interaction With Env; Planavin; Soil Microbiology; Temperature - Air; Trifluralin; ...4.0207

PRODUCTION AND QUALITY OF APPLES IN HIGH DENSITY PLANTINGS USING DWARFING ROOTSTOCKS ...B9; Fruit, Nut, and Berry Crops; Irrigation; Pathological Physiology; Pesticide Phytotoxicity; Phytophthora; Pyrus Malus; ...4.0250

RELATION OF ENVIRONMENT AND CHEMICALS TO PHYSIOLOGY OF POME AND DRUPE FRUIT ...Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Growth Substances; Pesticide Interaction With Env; Pesticides -nonspecific; Pyrus Malus; Temperature - Air; ...4.0362

CRANBERRY DISEASES AND THEIR CONTROL ...Benlate; Ferbam; Guignardia; Maneb; Pesticide Application Rates; Pesticide Phytotoxicity; Swamps - Marshes; ...4.0402

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

THE DISEASES OF TURFGRASSES AND THEIR CONTROL ...Agrostis; Cynodon; Pesticide Phytotoxicity; PMA; TBZ; Thiram; ...4.0449

Plant Phenology

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Southwest U. S.; Tenoran; ...4.0013

STUDY BIOLOGY AND CONTROL OF EUROPEAN CHAFER AND SCARABAEID SPECIES IN NURSERY INDUSTRY ...Agritox; Baygon; Chlordan; Dieldrin; Pesticide Application Rates; Pesticide Formulation; Pesticide Residues; ...4.0150

RESPROUTING OF CHAPARRAL ...D, 2,4-; Granules, Capsules; Pesticide Evaluation; Pesticides -see Pesticide; Quercus; T, 2,4,5-; ...4.0234

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; Setaria; ...4.0304

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops - general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

FUNGITOXICITY AND PHYTOTOXICITY OF PLANT DISEASE CONTROL CHEMICALS ...Fungicides -nonspecific; Herbicides and Other Chem; Pesticide Phytotoxicity; Pesticide Rates - general; Plant Pathogenetic Fungi; ...4.0478

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

CHEMICAL CONTROL OF WEEDS IN NURSERY AND TURF PLANTINGS ...Agropyron; Cyperaceae; Gramineae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; ...4.1012

PHYSIOLOGICAL ECOLOGY STUDIES OF DESERT VEGETATION ...Cobalt; Plants; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0014

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Arid and Desert Regions; Clay Soils; Mineral Nutrition; Plants; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Soil Moisture; X and Gamma Rays; ...5.0159

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Leguminosae; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Tropical Regions; ...5.0218

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Community Mapping; Plant

Succession; Radiation Effects -see Rad.; Radioactive Contamination; Radioecology - Plants; Soil - Crop Relationships; Soil Environment -other; Translocation; ...5.0422

TERRESTRIAL PLANT ECOLOGY ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Succession; Soil Minerals -natural; Soil Water Plant Relationships; ...5.0752

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Mammals -nonspecific; Microorganisms; Picea; Plants; Populus; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0769

Plant Physiological Ecology

EFFECTS AND FATE OF AIR POLLUTANTS ...Absorption (incl. Adsorption); Carbon Monoxide; Growth; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Transpiration and Evap; ...1.0430

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Algal Physiology; Eutrophic Lakes; Mineral Nutrition; Organic Water Properties; Photosynthesis; Plant Epiphytic Relationships; Plant Productivity -general; Submerged Plants; ...2.0198

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICRO-ORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Bacterial Ecology; Chemical Water Properties; Ecological Effects; Lake Erie; Microorganisms -nonspecific; Physical Water Properties; Plant Freshwater Ecology; ...2.0300

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algae -nonspecific; Algal Physiology; Contamination - Water; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Plant Species Diversity; Seasonal Distribution; Wisconsin; ...2.0853

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

ECOLOGY AND NITROGEN CYCLE IN A MARINE PLANT COMMUNITY ...Alaska; Bering Sea; Lagoons; Nitrogen Cycle -see Denitrif.; Physiological Effects; Primary Productivity - Plants; ...2.1476

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution -see Specifics; Computer Methods -general; Energy Budgets; Metabolism and Biochemistry; Plant Competition; Plant Response to Env. -ns; Temperature - Internal; Water Utilization -plant; ...2.1629

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Air Pollution -see Specifics; Herbicides -nonspecific; Pesticide Action on Plants; Seeds; ...4.0224

DISTRIBUTION AND INTERRELATIONSHIP OF ELEMENTS IN BIOLOGICAL SYSTEMS ...Deserts, Arid Lands; Emission Spectroscopy; Mineral Nutrition; Plants; Radioecology - Plants; Radioisotopes -nonspecific; Translocation; ...5.0012

PHYSIOLOGICAL ECOLOGY STUDIES OF DESERT VEGETATION ...Cobalt; Plant Phenology; Plants; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0014

ENVIRONMENTAL BIOLOGY - EFFECTS OF IONIZING RADIATION ON TERRESTRIAL ECOSYSTEMS ...Eastern U. S.; Ionizing Radiation -see Rad.; Plant Population Dynamics -gen; Plant Succession; Radiation Resistance; ...5.0539

ENVIRONMENTAL BIOLOGY - METABOLISM AND PRODUCTION OF A FOREST ...Carbon; Photosynthesis; Plant Ecology - nonspecific; Plants; Quercus; Radioecology - Plants; X and Gamma Rays; ...5.0900

Plant Physiology

Absorption (incl. Adsorption)

INFLUENCE OF ENVIRONMENT, CHEMICAL ADDITIVES AND AIR POLLUTANTS ON APPARENT PHOTOSYNTHESIS AND RESPIRATION ...Industrial Pollution -general; Lactuca; Nitrogen and Nitrogen Cpds.; Parathion; Phaseolus; Respiration; ...1.0324

RELATIONSHIP OF LEAD IN THE AIR, SOIL AND PLANTS TO PROXIMITY TO HIGHWAY TRAFFIC ...Air Pollution -see Specifics; Cars; Lead; Roads & Highways -see Highways; Soil Aeration; Soil Chemical Properties; Wind -see Air Motion; ...1.0368

EFFECTS OF AIR POLLUTANTS ON PLANT SYSTEMS ...Aging; Climates -general; Growth; Humidity; Ornamentals; Respiration; ...1.0383

EFFECTS AND FATE OF AIR POLLUTANTS ...Carbon Monoxide; Growth; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Physiological Ecology; Sulfur Dioxide; Transpiration and Evap; ...1.0430

FATE OF HARMFUL METALS IN SOIL AND WATER SYSTEMS ...Chemical Effects; Formation Principles; Radioisotopes -nonspecific; Soil Microbiology; Water Pollutant Identification; Water Pollution Sources; ...2.0005

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Freezing & Below; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides - see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

LOSS OF ORGANIC AND INORGANIC MATERIALS FROM ABOVE-GROUND PLANT PARTS BY LEACHING ...Aging; Dew; Fog, Haze, Mist; Nitrogen Metabolism; Radioactive Fallout-cf Fallout; Rain; Translocation; ...2.0268

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Chlorine; Fish; Literature Search; Rock - Soil Pollution; Soil Chemical Properties; Soil Saline Properties; Virginia; Water Supply Facilities; ...2.0408

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Computer Models; Drainage; Fertilizers; Impaired Water Use; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Moisture; Soil Water Plant Relationships; ...2.0513

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Arsenic; Chemical Properties; Contamination - Soil; Industrial Wastes; Particulates - Air Pollution; Precipitation; Soil Chemical Properties; Water Pollutants - Path of; ...2.0862

LAND DISPOSAL OF DAIRY FARM WASTE ...Agricultural Runoff; Chemical Analysis -general; Farm Animal Wastes; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Moisture; Soil Organic Content; Sprinkler Irrigation; Water Table; ...2.0994

MINIMIZING NITRATE POLLUTION OF GROUNDWATER AND STREAMS ...Groundwater; Nitrogen Cycle -see Denitrif.; Rhizosphere; Soil Profile; ...2.1013

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

THE RATE OF NITROGEN AND PHOSPHORUS STRIPPING FROM SEWAGE LAGOONS BY AQUATIC ANGIOSPERMS ...Ceratophyllaceae; Haloragaceae; Nitrogen and Nitrogen Cpds.; Nymphaeaceae; Phosphorus and Phosphorus Cpds; Ranunculaceae; Waste Water Treatment -general; ...2.1304

IRRIGATION OF CITRUS WITH WASTE WATER ...Citrus; Food Processing Industries; Industrial Wastes; Irrigation; Sewage; Water Application Methods; ...2.1526

PLUMBISM IN MIGRATORY WATERFOWL FROM FOOD CHAIN ACCUMULATION OF LEAD ...Animal Migration; Bird Studies -general; Lead; Waterfowl -nonspecific; ...2.1631

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Agricultural Studies -general; Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

WASTE COMPOSTS AS CHELATING AGENTS IN PLANT NUTRITION ...Chromatography; Mineral Nutrition; Soil - Crop Relationships; Waste Disposal on Soils; Zinc; ...3.0091

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

BIOCHEMISTRY OF HERBICIDE ACTION ...Atrazine; Chemical Analysis; D, 2,4-; Low Temp. - But Above 32f; Pesticide Action on Plants; Pesticide Residues; Plant Resistance; Soil Microbiology; Translocation; ...4.0032

MECHANISM OF ACTION AND METABOLIC FATE OF FUNGICIDES ...Dupont 1991; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Residues; Plant Absorption -other; ...4.0114

CONTROL OF PESTICIDES IN SOIL AND WATER ...Environment Accumulation Rates; Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Drift; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

FATE OF HERBICIDES IN PLANTS AND SOILS ...Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

PLANT RESPONSE TO ORGANIC CHEMICALS IN THE ROOT ENVIRONMENT ...Amiben; Cellular Catabolism-see Degrad; Dicamba; Mutagenesis -nonspecific; Pesticide Degradation -see Deg; Plant Resistance; ...4.0154

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carbon; D, 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

DEVELOPMENT OF SYSTEMIC FUNGICIDES FOR VERTICILLIUM WILT CONTROL ...Fungicides -nonspecific; Gossypium; Pesticide Evaluation; Pesticide Phytotoxicity; Translocation; ...4.0232

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF SELECTIVITY OF HERBICIDES ...Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Movement in Soils; Physiological Resistance; Translocation; ...4.0345

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Atrazine; Cdaa; Glycine; Nitrification; Pesticides Compatibility; Rhizosphere; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

ABSORPTION, TRANSLOCATION, AND METABOLISM OF HERBICIDES BY CROP AND WEED SPECIES ...Amiben; Gramineae -other; Herbicides and Other Chem; Mississippi; Radioisotopes -nonspecific; ...4.0374

EFFECT OF HERBICIDES ON FOOD CROPS ...Chemical Analysis; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Lycopersicum; Pesticide Organoleptic Prop.; Radioisotopes -nonspecific; Solanum; Vegetables; ...4.0437

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Captan; Chlorophyll; Dieldrin; Metabolites From Pesticides; Photosynthesis; Respiration; Translocation; ...4.0443

EVALUATION OF HERBICIDES AND THEIR INFLUENCE ON THE PHYSIOLOGY OF VEGETABLE CROPS ...Cruciferae; Irrigation; Pesticide Application Rates; Pesticide Phytotoxicity; Respiration; Trifluralin; ...4.0473

METABOLIC ANTITRANSPIRANTS ON TREES ...Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Ceracus & P. Avium; Soil Moisture; Translocation; Ulmaceae; ...4.0519

STUDY OF HERBICIDES SELECTIVITY USING INTRA-SPECIES PLANT INDICATORS ...Carbon; Mineral Nutrition; Pesticide Phytotoxicity; Photosynthesis; Respiration; Tok; ...4.0614

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals; Pesticide Interaction With Env; Phenols; Soil pH; Stickers; Thuricide; ...4.0969

UPTAKE OF MERCURY BY PLANTS AND ITS DISTRIBUTION IN LIVING ORGANISMS IN AN ENVIRONMENT WITH INCREASED CONCENTRATION OF THIS ELEMENT ...Contamination -see Air & Water; Mercury; Translocation; ...4.0998

FATE OF PESTICIDES ...Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY ...Abscission; B9; Fruit Analysis; Naa; Pesticide Residue Analysis; Pesticides - other; Prunus Ceracus & P. Avium; Pyrus Malus; ...4.1084

HARVEST-AID CHEMICAL RESIDUES IN COTTONSEED ...Chemical Analysis; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Residues; Plant Absorption -other; Translocation; ...4.1120

A STUDY OF UNSUPPORTED 210 PO ION EXCHANGE IN SOILS, UPTAKE IN VEGETATION AND COMPARISON WITH DIRECT AERIAL DEPOSITION ...Polonium; Radioactive Fallout-cf Fallout; Soil Microbiology; Soil Types -also See Specifics; Translocation; ...5.0024

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Aquatic Ecology - Animal; Cesium; Contamination - Water; Cyprinidae; Energy Budgets; Plant Ecology -nonspecific; Radioactive Fallout; Reactor Sites & Rad Waste; Strontium; ...5.0038

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - II. MOVEMENT OF RADIONUCLIDE IONS IN SOILS ...Mathematical Models; Radioisotopes; Soil Chemical Properties; Strontium; ...5.0039

DEVELOP METHOD OF REMOVING RADIO-ACTIVE CONTAMINANTS FROM AGRICULTURAL LAND ...Pesticides - other; Radioactive Fallout-cf Fallout; Soil Cover Crops; Zea Mays - Field Corn; ...5.0040

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOCATIVE MATERIALS ...Ion Transport and Elect. Pot.; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Soil Tillage; X and Gamma Rays; ...5.0043

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

THE ANALYSIS OF NATURAL SYSTEMS ...Chlorine; Growth; Mathematical Models; Pesticide in Food Chains; Primary Productivity - Plants; ...5.0082

BEHAVIOR OF CERTAIN SYNTHETIC CHELATING AGENTS IN BIOLOGICAL AND SOIL SYSTEMS ...Chelation & Complexing; Mineral Nutrition; Radiation Effects -see Rad.; Soil Chemical Properties; Translocation; ...5.0161

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS ...Calcium; Cellular Biosynthesis; Ion Transport and Elect. Pot.; Mineral Nutrition; Passive Transport, Diffusion; Radioactive Fallout-cf Fallout; Soil Temp. -non-specific; Zinc; ...5.0409

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Plant Community Mapping; Plant Succession; Radiation Effects -see Rad.; Radioactive Contamination; Radioecology - Plants; Soil - Crop Relationships; Soil Environment -other; Translocation; ...5.0422

CHARACTERIZATION OF SOIL & VEGETATION TO SERVE AS A BASIS FOR FUTURE EVALUATIONS OF RADIOACTIVE CONTAMINATION EFFECTS (ABBREV) ...Chemical Extraction; Diquat; Paraquat; Radioactive Fallout; Soil Water Plant Relationships; Water Pollutants - Path of; ...5.0570

TERRESTRIAL PLANT ECOLOGY ...Plant Community Mapping; Plant Phenology; Plant Succession; Soil Minerals -natural; Soil Water Plant Relationships; ...5.0752

THE CYCLING OF MICRONUTRIENTS IN GEOCHEMICAL AND BIOLOGICAL SYSTEMS ...Medicago; Mineralogical Water Properties; Soil Chemical Properties; Translocation; Zinc; ...5.0868

Aging

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY - COTTON ...Air Pollution -see Specifics; Gossypium; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Nitrogen Metabolism; Pathological Physiology; Plant Pathology - Env. Relat.; ...1.0322

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Abscission; Air Pollution -see Specifics; Computer Methods -general; Herbicides and Other Chem; Pollutant Resistance; ...1.0357

EFFECTS OF AIR POLLUTANTS ON PLANT SYSTEMS ...Absorption (incl. Adsorption); Climates -general; Growth; Humidity; Ornamentals; Respiration; ...1.0383

LOSS OF ORGANIC AND INORGANIC MATERIALS FROM ABOVE-GROUND PLANT PARTS BY LEACHING ...Absorption (incl. Adsorption); Dew; Fog, Haze, Mist; Nitrogen Metabolism; Radioactive Fallout-cf Fallout; Rain; Translocation; ...2.0268

EFFECTS OF AGING ON SOME ENERGY-LINKED FUNCTIONS OF PLANT MITOCHONDRIA ...Phaseolus; Radiation; Radiation Effects -see Rad.; Radiation, Lethal Dose; Seeds; ...5.0090

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Commelinaceae; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Radiation Sensitivity -man; Somatic Mutation; Temperature - Air; ...5.0408

Biological Rhythms

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

Cold Resistance and Hardiness

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

THE ROLE OF LIGHT AND TEMPERATURE IN THE GROWTH AND DEVELOPMENT OF PLANTS ...Growth; Humidity; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; X and Gamma Rays; ...5.0682

THE RESPONSE OF HIGHER PLANTS TO ULTRAVIOLET LIGHT AND OTHER STRESS FACTORS ...Alpine Regions; Light and Sun Resistance; Plants; Radiation Sources -general; Temperature - Air; ...5.0717

Dormancy (excl. Respiration)

Plants

RESPROUTING OF CHAPARRAL ...D, 2,4-; Granules, Capsules; Pesticide Evaluation; Pesticides -see Pesticide; Plant Phenology; Quercus; T, 2,4,5-; ...4.0234

Seeds

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Gossypium; Herbicides and Other Chem; Malvaceae; Pesticide Formulation; Prometryne; Respiration; ...4.0190

Drought

GRAIN SORGHUM VARIETAL EXPERIMENTS ...Disease Resistance; Drought Resistance; Insecticides -nonspecific; Pesticide Phytotoxicity; Sorghum; Wildlife -nonspecific; ...4.0446

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Ceracus & P. Avium; Soil Moisture; Translocation; Ulmaceae; ...4.0519

Grafting & Other Nonsex Prop

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

CORRELATIVE ACTION OF THE GAMMA-IRRADIATED LEAF ON ROOT INITIATION IN COLEUS ...Growth Substances; Labiatae; Nitrogen and Nitrogen Cpds.; Nucleic Acid Compounds; Radiation Effects -see Rad.; X and Gamma Rays; ...5.0277

Growth

BIOLOGICAL EFFECTS OF GASEOUS IONS ...Air Pollution -see Specifics; Bacteria -nonspecific; Cell Injury and Autolysis; Environmental Physiology; Gases; Muridae; Protozoa; ...1.0170

VARIABLE TOXIC RESPONSE AS A MEANS OF OBTAINING SMOG-RESISTANT PLANTS ...Herbicides and Other Chem; Pathological Physiology; Plant Response to Env. -ns; Scophulariaceae; Smog; ...1.0314

EFFECT OF AIR POLLUTANTS AND OF OTHER ENVIRONMENTAL FACTORS ON PLANT CELL AND TISSUE GROWTH ...Air Pollution -see Specifics; Cellular Biosynthesis; Nicotiana; Plant Response to Env. -ns; ...1.0323

A STUDY OF PLANTS GROWING IN POLLUTED ATMOSPHERES ...Air Pollution -see Specifics; Fumigants -nonspecific; Gases; Plant Pathology - Env. Relat.; ...1.0364

EFFECTS OF AIR POLLUTANTS ON PLANT SYSTEMS ...Absorption (incl. Adsorption); Aging; Climates -general; Humidity; Ornamentals; Respiration; ...1.0383

EFFECTS ON FOREST TREES OF LONG-TERM EXPOSURE TO LOW CONCENTRATIONS OF AIR POLLUTANTS ...Fluorine; Forest Pathology; Pinus Strobus; Pollutant Resistance; Smoke -see Air Pollution; ...1.0384

RESPONSE OF PLANTS TO ACUTE DOSES OF POLLUTANT MIXTURES AT SPECIFIC GROWTH STAGES ...Air Pollution -see Specifics; Sulfur Dioxide; ...1.0391

RESPONSE OF SELECTED FIELD PLANTS TO AMBIENT POLLUTANTS IN WASHINGTON, D.C. ...Air Pollution -see Specifics; Air Pollution Effects; Bioindicators; District of Columbia; Losses Due to Pollution; Ornamentals; Urban Research -general; ...1.0397

STUDIES TO DEVELOP DIAGNOSTIC TECHNIQUES FOR EVALUATING INJURY TO VEGETATION ...Air Pollution -see Specifics; Glycine; Nicotiana; Plant Response to Env. -ns; Respiration; ...1.0401

LOW CONCENTRATION-LONG TERM RESPONSES OF PLANTS TO POLLUTANT MIXTURES ...Air Pollution -see Specifics; Air Pollution Effects; Gases; Pathological Physiology; Reproductive Physiology; Sulfur Dioxide; ...1.0402

PLANT GROWTH RESPONSES TO AIR POLLUTANTS ...Air Pollution -see Specifics; Herbicides and Other Chem; Metabolism; Sulfur Dioxide; Transpiration and Evap; ...1.0415

EFFECT OF VARIOUS GASEOUS CONTAMINANTS OF THE ATMOSPHERE ON PLANT GROWTH AND BEHAVIOR ...Carbon Disulfide; Enzymes; Industrial Pollution -general; Pollutant Resistance; Reproductive Physiology; Respiration; ...1.0420

IMPACT OF AIR POLLUTANTS ON ECOSYSTEMS ...Air Pollution; Air Pollution -see Specifics; Air Pollution Monitoring; Bioindicators; Fumigants -nonspecific; Great Salt Lake; Plant Succession; Reproductive Physiology; ...1.0429

EFFECTS AND FATE OF AIR POLLUTANTS ...Absorption (incl. Adsorption); Carbon Monoxide; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Physiological Ecology; Sulfur Dioxide; Transpiration and Evap; ...1.0430

EFFECTS OF FLUORIDE ON PHOSPHORUS METABOLISM OF PLANTS ...Air Pollution -see Specifics; Fluorine; Metabolism; Phaseolus; Phosphorus and Phosphorus Cpds; Respiration; ...1.0431

ASSESSMENT OF VEGETATIVE DAMAGE ...Air Pollution -see Specifics; Air Pollution Effects; ...1.0457

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection; Chemical Water Properties; Lakes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Stratification (water); Temperature; ...2.0448

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Chemical Water Properties; Contamination - Water; Periphyton; Physiological Effects; Plant Habitat Studies; Sewage; Water Pollutant Identification; Water Pollution Sources; ...2.0778

TISSUE ANALYSIS FOR NUTRIENT ASSAY OF NATURAL WATERS ...Aquatic Plants -nonspecific; Mineralogical Water Properties; Plant Pollutants; Plants - Monocotyledons; Wisconsin; ...2.0859

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain, Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Drainage Engineering; Fluorine; Water Table; ...2.1229

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Amaranthaceae; Effluent-standards; Eutrophication; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Physiography -general; Pontederiaceae; Sewage; ...2.1467

ECOLOGY AND NITROGEN CYCLE IN A MARINE PLANT COMMUNITY ...Alaska; Bering Sea; Lagoons; Nitrogen Cycle - see Denitrif.; Physiological Effects; Plant Physiological Ecology, Primary Productivity - Plants; ...2.1476

A COMPARATIVE STUDY OF THE RESPONSES OF THE AQUATIC WEEDS, ZANNICHELLIA PALUSTRIS & RUPPIA MARITIMA, TO DIFFERENT TEMPERATURES AND SALINITIES ...Amphibious Plants; Forecasting - Prediction; Marine Plants; Potamogetonaceae; Temperature (water); Water Pollution Effects; ...2.1659

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0298

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources; Aquatic Soils; Haloragaceae; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Photoperiodism; Plant Tissue Analysis -chem.; Temperature (water); ...4.0053

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Gossypium; Herbicides and Other Chem; Malvaceae; Pesticide Formulation; Prometryne, Respiration; Seeds; ...4.0190

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Air Pollution -see Specifics; Chlorine; Herbicides -nonspecific; Pesticide Action on Plants; Temperature - Air; ...4.0211

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

RESPROUTING OF CHAPARRAL ...D, 2,4-; Granules, Capsules; Pesticide Evaluation; Pesticides -see Pesticide; Plant Phenology; Quercus; T, 2,4,5-; ...4.0234

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

WEED CONTROL IN HORTICULTURAL CROPS ...Pesticide Action on Plants; Pesticide Application Rates; Pesticide Evaluation; Pesticides -other; Rp 2929; ...4.0316

INVESTIGATIONS WITH ORNAMENTAL PLANTS ...Climates - general; Dichlobenil; Kansas; Ornamentals; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0322

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Cellular Biosynthesis; Diuron; Herbicides and Other Chem; Nitrogen Metabolism; Pesticide Action on Plants; Photosynthesis; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0340

COMPOUNDS IN WEEDS RESPONSIBLE FOR DORMANCY AND THE REDUCTION OF CROP YIELDS ...Agropyron; Glycine; Lycopersicum; Plant Toxins; Sorghum; Triticum; ...4.0346

NUTRITION AND ENVIRONMENT OF FLORAL CROPS ...Botrytis; Exotherm; Mineral Nutrition; Ornamentals; Pesticide Phytotoxicity; ...4.0357

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum - other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

RELATION OF ENVIRONMENT AND CHEMICALS TO PHYSIOLOGY OF POME AND DRUPE FRUIT ...Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Growth Substances; Pesticide Interaction With Env; Pesticides -nonspecific; Plant Pathology - Env. Relat.; Pyrus Malus; Temperature - Air; ...4.0362

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

TOXIC CHEMICALS IN PLANTS AND THEIR RESIDUAL EFFECTS ...Amiben; Carotenoid Pigments; Growth Substances; Iridaceae; Pesticide Formulation; ...4.0368

STAND ESTABLISHMENT AND SEEDLING DISEASE CONTROL ...Chloroneb; Gossypium; Pesticide Evaluation; Plant Pathogenetic Fungi; Planting Methods; Temperature - Air; ...4.0384

EVALUATION & APPLICATION OF HARVEST-AID CHEMICALS ON COTTON PLANTS IN MECHANICAL HARVESTING ...Abscission; Gossypium; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0386

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology, Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air: Translocation; ...4.0436

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0490

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Aquifoliaceae; Ericaceae; Juniperus; Pesticide Action on Plants; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; Simazine; Terbacil; ...4.0761

WEED CONTROL IN FRUIT CROPS, WITH SPECIAL REFERENCE TO APPLE AND PEACH ...Dichlobenil; Economics of Chemical Control; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Prunus Persica; Simazine; ...4.0936

THE ANALYSIS OF NATURAL SYSTEMS ...Absorption (incl. Adsorption); Chlorine; Mathematical Models; Pesticide in Food Chains; Primary Productivity - Plants; ...5.0082

EFFECTS OF AGING ON SOME ENERGY-LINKED FUNCTIONS OF PLANT MITOCHONDRIA ...Aging; Phaseolus; Radiation; Radiation Effects -see Rad.; Radiation, Lethal Dose; Seeds; ...5.0090

EFFECTS OF BETA RADIATION ON PLANTS ...Beta Particles; Plants; Radioactive Fallout-cf Fallout; ...5.0119

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES ...Albizzia; Cellular Metabolism - Controls; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Temperature; X and Gamma Rays; ...5.0414

RADIATION CYTOGENETICS OF HIGHER PLANTS ...Arabidopsis; Neutron -see Radiation; Protons; Somatic Mutation; Zea Mays - Field Corn; ...5.0534

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Plants; Plants - Monocotyledons; Radiation Effects -see Rad.; Radiation Sensitivity -man; Reproductive Physiology; X and Gamma Rays; ...5.0536

RADIATION RECOVERY MECHANISMS OF G1 AND G2 CELLS IN THE MITOTIC CYCLE OF PISUM ROOT MERISTEMS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Nucleic Acid Compounds; Plants; Radiation Effects -see Rad.; Radioisotopes -nonspecific; ...5.0538

THE ROLE OF LIGHT AND TEMPERATURE IN THE GROWTH AND DEVELOPMENT OF PLANTS ...Cold Resistance and Hardiness; Humidity; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; X and Gamma Rays; ...5.0682

Metabolism

EFFECTS OF AIR POLLUTANTS ON PLANT SYSTEMS ...Absorption (incl. Adsorption); Aging; Climates -general; Growth; Humidity; Ornamentals; Respiration; ...1.0383

PLANT AIR POLLUTION STUDIES ON LOSSES, EFFECTS, AND CONTROL AND TECHNICAL ASSISTANCE ON PROBLEMS ...Air Pollution -see Specifics; Losses Due to Pollution; Moisture Deficiency; Pinus Strobus; Soil Chemical Properties; Temperature - Air; ...1.0408

PLANT GROWTH RESPONSES TO AIR POLLUTANTS ...Air Pollution -see Specifics; Growth; Herbicides and Other Chem; Sulfur Dioxide; Transpiration and Evap; ...1.0415

EFFECTS OF FLUORIDE ON PHOSPHORUS METABOLISM OF PLANTS ...Air Pollution -see Specifics; Fluorine; Growth; Phaseolus; Phosphorus and Phosphorus Cpds; Respiration; ...1.0431

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Algal Physiology; Eutrophic Lakes; Mineral Nutrition; Organic Water Properties; Photosynthesis; Plant Epiphytic Relationships; Plant Productivity -general; Submerged Plants; ...2.0198

DETERMINE LIGNIN STRUCTURE AND BIOSYNTHESIS ...Aldehydes -nonspecific; Enzymes; Forest Industry; Hydrolysis, Esterification; Oxidants; Plant Waste Removal, Treatment; ...3.0371

Abscission

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Computer Methods -general; Herbicides and Other Chem; Pollutant Resistance; ...1.0357

ABSCISSION OF TREE FRUITS ...Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Prunus Persica; 3 Cpa; ...4.0283

NUT AND TREE FRUIT INVESTIGATIONS ...Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops -general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

EVALUATION & APPLICATION OF HARVEST-AID CHEMICALS ON COTTON PLANTS IN MECHANICAL HARVESTING ...Gossypium; Growth; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0386

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Caprifoliaceae; Ethrel; Leaf Analysis; Plant Resistance; Pyrus - general; Pyrus Malus; Respiration; Translocation; ...4.0505

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Bioassay; Carbon; IAA; Pesticide Evaluation; Pesticide Interaction With Env; Pesticide Volatility; Plant Absorption - other; ...4.0508

PHYSIOLOGY OF CITRUS FRUIT ABSCISSION ...Citrus; Cycloheximide; Enzymes; Herbicides and Other Chem; Pesticide Evaluation; Temperature - Air; ...4.1007

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY ...B9; Fruit Analysis; Naa; Pesticide Residue Analysis; Pesticides -other; Prunus Ceracus & P. Avium; Pyrus Malus; ...4.1084

Carbohydrates

BIODEGRADATION OF OIL SLICKS IN THE MARINE ENVIRONMENT ...Actinomycetes -nonspecific; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Marine Bacteria; Oil; Petroleum Wastes - Spillage; ...2.0248

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules, Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis; Quinone Cpds. - nonspecific; Triazines -nonspecific; ...4.1086

RESPONSES OF PLANTS AND PLANT COMMUNITIES TO IONIZING RADIATION ...Acer Species; Festuca; Magnoliaceae; Radiation Sources -general; Radioactive Hazard; Translocation; ...5.0652

Cell and Tissue Permeability

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY IN CITRUS ...Air Pollution -see Specifics; Carbon; Citrus; Gossypium; Nitrogen Metabolism; Permeability; ...1.0321

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Fungicides; Liquids Or Sprays; Metal Organics - nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Herbicides and Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Ceracus & P. Avium; Soil Moisture; Translocation; Ulmaceae; ...4.0519

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell Membrane Permeability; Chlorophyll; Electronic Components; Permeability; Physical Control; Potamogetonaceae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

Enzymes

BIOCHEMICAL EFFECTS OF SULFUR DIOXIDE ON HIGHER PLANTS ...Herbicides and Other Chem; Photosynthesis; Sulfur Dioxide; ...1.0312

EFFECT OF FLUORIDE ON PLANTS ...Air Pollution -see Specifics; Fluorine; Herbicides and Other Chem; Iridaceae; Medicago; Ornamentals; ...1.0343

PHYSIOLOGICAL RESPONSES OF PLANTS TO TOXIC AIR POLLUTANTS ...Adenosine Triphosphate; Lycopersicum; Mineral Nutrition; Pathological Physiology; Pinus Nigra; Respiration; Vegetables; ...1.0365

EFFECT OF VARIOUS GASEOUS CONTAMINANTS OF THE ATMOSPHERE ON PLANT GROWTH AND BEHAVIOR ...Carbon Disulfide; Growth; Industrial Pollution -general; Pollutant Resistance; Reproductive Physiology, Respiration; ...1.0420

DETERMINE LIGNIN STRUCTURE AND BIOSYNTHESIS ...Aldehydes -nonspecific; Forest Industry; Hydrolysis, Esterification; Oxidants; Plant Waste Removal, Treatment; ...3.0371

SOIL AND PLANT INTERACTIONS WITH PESTICIDES ...Cellular Catabolism-see Degrad; Herbicides and Other Chem; Pesticide Action on Plants; Plant; Soil Fungi -nonspecific; ...4.0200

PHYTOTOXICITY OF 3-AMINO-1,2,4-TRIAZOLE ...Amino Triazole; Cellular Biosynthesis; Cellular Metabolism - Controls; Cucumis Sativus; Nitrogen Metabolism; Pesticide Phytotoxicity; Phaseolus; ...4.0203

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Actinomycin; Cellular Biosynthesis; Cucurbita; Endothall; Growth Substances; Nitrogen Metabolism; Pesticide Action on Plants; ...4.0223

COMPARATIVE BIOCHEMISTRY OF HERBICIDES ...Carbon; Herbicides -nonspecific; Herbicides and Other Chem; Pesticide Toxicity in Humans; ...4.0225

FATE OF MALATHION RESIDUES GRAIN SORGHUMS ...Chemical Analysis; Herbicides and Other Chem; Malathion; Pesticide Phytotoxicity; Plant; Temperature - Air; Zea Mays - Field Corn; ...4.0319

TRANSFORMATIONS OF INSECTICIDES BY PLANTS ...Animal Pests; Degradation; Pesticide Residues; Plant; Radioisotopes -nonspecific; ...4.0349

PHYSIOLOGY AND BIOCHEMISTRY OF HERBICIDE ACTION, SELECTIVITY, AND DEGRADATION ...Amiben; Bromoxynil; Metabolites From Pesticides; Pesticide Action on Plants; Pesticide Phytotoxicity; Tissue Accumulation Rates; ...4.0363

SELECTIVITY AND MODE OF ACTION OF HERBICIDAL CHEMICALS ...Atrazine; D, 2,4-; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Absorption -other; ...4.0834

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Carbon; DDT; Domestic Animals; Muridae; Pesticide Residues; ...4.0883

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Dichloroaniline; Metabolites From Pesticides; Pesticide Action on Plants; Pesticide Aquatic Cycling; Plant; Propanil; ...4.0966

PHYSIOLOGY OF CITRUS FRUIT ABSCISSION ...Abscission; Citrus; Cycloheximide; Herbicides and Other Chem; Pesticide Evaluation; Temperature - Air; ...4.1007

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

EFFECTS OF GAMMA-IRRADIATION ON DNA TRANSCRIPTION AND RNA TRANSLATION IN PLANTS ...Cell Injury and Autolysis; Chenopodiaceae; Nitrogen Metabolism; Plants; Radiation Effects -see Rad.; ...5.0322

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES ...Albizzia; Cellular Metabolism - Controls; Growth; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Temperature; X and Gamma Rays; ...5.0414

THE NATURE, INDUCTION AND REPAIR OF RADIATION-INDUCED GENETIC DAMAGE IN PLANTS ...Chlorophyll; Growth Substances; Hordeum Vulgare; Physical Mutagenesis; Plants; Radiation Effects -see Rad.; Respiration; ...5.0732

Growth Substances

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Carbon; Chemical Analysis; Metabolism of Algacides; Pesticide Degradation -see Deg.; Plant Growth Regulators -ns.; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Actinomycin; Cellular Biosynthesis; Cucurbita; Endothall; Nitrogen Metabolism; Pesticide Action on Plants; ...4.0223

CULTURE AND PHYSIOLOGY OF FLUE-CURED TOBACCO ...Air Pollution-chemistry; Nicotiana; Pesticide Action on Plants; Pesticides -other; Tillage, Cropping Systems; ...4.0295

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS ...Bioassay; Carya; Fruit, Nut, and Berry Crops; Herbicides and Other Chem; Photosynthesis; Radioisotopes -nonspecific; Tiba; ...4.0315

RELATION OF ENVIRONMENT AND CHEMICALS TO PHYSIOLOGY OF POME AND DRUPE FRUIT ...Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Pesticide Interaction With Env; Pesticides -nonspecific; Plant Pathology - Env. Relat.; Pyrus Malus; Temperature - Air; ...4.0362

TOXIC CHEMICALS IN PLANTS AND THEIR RESIDUAL EFFECTS ...Amiben; Carotenoid Pigments; Iridaceae; Pesticide Formulation; ...4.0368

MECHANISMS OF PLANT GROWTH REGULATION ...Avena Sativa; Hydrogen; Pesticide Phytotoxicity; Respiration; Ultra Violet Radiation; ...4.0461

MOLECULAR MECHANISMS FOR ACTION OF GROWTH REGULATORS AND HERBICIDES ...Herbicides -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; Plant Growth Regulators -ns.; ...4.0563

EXPERIMENTAL EMBRYOGENESIS AND HISTOGENESIS IN PINUS LAMBERTIANA ...Cell Injury and Autolysis; Microscopic Spectrophotometry; Pinus Lambertiana; Plants; Reproductive Physiology; Spectrographic Techniques; Translocation; ...5.0212

CORRELATIVE ACTION OF THE GAMMA-IRRADIATED LEAF ON ROOT INITIATION IN COLEUS ...Grafting & Other Nonsex Prop; Labiatae; Nitrogen and Nitrogen Cpds.; Nucleic Acid Compounds; Radiation Effects -see Rad.; X and Gamma Rays; ...5.0277

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - I. MECHANISMS OF RADIATION DAMAGE IN PLANT CELLS ...Cell Injury and Autolysis; Hordeum Vulgare; Phaseolus; Plants; Radiation; Radiation Effects -see Rad.; X and Gamma Rays; ...5.0356

THE NATURE, INDUCTION AND REPAIR OF RADIATION-INDUCED GENETIC DAMAGE IN PLANTS ...Chlorophyll; Enzymes; Hordeum Vulgare; Physical Mutagenesis; Plants; Radiation Effects -see Rad.; Respiration; ...5.0732

Herbicides and Other Chem

BIOCHEMICAL EFFECTS OF SULFUR DIOXIDE ON HIGHER PLANTS ...Enzymes; Photosynthesis, Sulfur Dioxide; ...1.0312

VARIABLE TOXIC RESPONSE AS A MEANS OF OBTAINING SMOG-RESISTANT PLANTS ...Growth; Pathological Physiology; Plant Response to Env. -ns; Scophulariaceae; Smog; ...1.0314

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY IN CITRUS ...Air Pollution -see Specifics; Carbon; Citrus; Gossypium; Nitrogen Metabolism; Permeability; ...1.0321

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY - COTTON ...Aging; Air Pollution -see Specifics; Gossypium; Nitrogen and Nitrogen Cpds.; Nitrogen Metabolism; Pathological Physiology; Plant Pathology - Env. Relat.; ...1.0322

THE TOTAL EFFECT OF AIR POLLUTANTS ON BEARING CITRUS ...Air Pollution -see Specifics; California; Citrus; Fluorine; Fruit, Nut, and Berry Crops; Nitrogen and Nitrogen Cpds.; Plant Response to Env. -ns; ...1.0325

ENVIRONMENT - AIR POLLUTION INTERACTIONS ON PLANTS ...Air Pollution -see Specifics; Moisture Deficiency; Plant Pathology - Env. Relat.; Plant Response to Env. -ns; Temperature - Air; ...1.0326

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Cell Injury and Autolysis; Nicotiana; Phaseolus; Pollutant Resistance; ...1.0334

EFFECTS OF AIR-BORNE FLUORIDES ON CITRUS ...Citrus; Fertilizer Industry; Fluorine; Fruit, Nut, and Berry Crops; Industrial Pollution -general; Leaf Analysis; Mineral Composition; ...1.0341

EFFECT OF FLUORIDE ON PLANTS ...Air Pollution -see Specifics; Enzymes; Fluorine; Iridaceae; Medicago; Ornamentals; ...1.0343

EFFECTS OF CIGARETTE SMOKE ON PLANT CELLS IN TISSUE CULTURES ...Air Pollution -see Specifics; Allium; Bioassays; Gases; Lemnaceae; Nicotiana; Tobacco -cigarettes; ...1.0349

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Abscission; Air Pollution -see Specifics; Computer Methods -general; Pollutant Resistance; ...1.0357

PHYSIOLOGICAL RESPONSES OF PLANTS TO TOXIC AIR POLLUTANTS ...Adenosine Triphosphate; Enzymes; Lycopersicum; Mineral Nutrition; Pathological Physiology; Pinus Nigra; Respiration; Vegetables; ...1.0365

FACTORS IN RESPONSE OF AUSTRIAN PINE TO AIR POLLUTION ...Air Pollution -see Specifics; New Jersey; Pinus Nigra; ...1.0366

OZONE AND VASCULAR TISSUE DIFFERENTIATION IN PLANTS ...Air Pollution -see Specifics; Mineral Nutrition; Pathological Physiology; ...1.0375

EFFECTS OF AIR POLLUTANTS ON PLANT SYSTEMS ...Absorption (incl. Adsorption); Aging; Climates -general; Growth; Humidity; Ornamentals; Respiration; ...1.0383

THE RELATIVE SUSCEPTIBILITY OF WESTERN CONIFERS TO OZONE AND AMBIENT OXIDANTS ...Abies; Air Pollution Effects; Conifers; Gases; Picea; Pinus (other Specifics); Western U. S.; ...1.0396

RESPONSE OF EASTERN CONIFERS TO POLLUTANT MIXTURES AT SPECIFIED TIMES DURING NEEDLE DEVELOPMENT ...Air Pollution Effects; Conifers; Eastern U. S.; Gases; Sulfur Dioxide; ...1.0398

ACCUMULATION OF HEAVY METALS IN PLANTS NEAR LOW AND HIGH TRAFFIC DENSITIES ...Auto Exhaust -see Air Poll.; Ornamentals; ...1.0403

EFFECTS OF SELECTED PESTICIDES SINGLY AND IN COMBINATION WITH OZONE ON SELECTED PLANT SPECIES ...Air Pollution -see Specifics; Pesticide Interaction -gen.; Pesticide Phytotoxicity; Pesticide Rates -general; Pesticides -nonspecific; ...1.0404

PLANT GROWTH RESPONSES TO AIR POLLUTANTS ...Air Pollution -see Specifics; Growth; Metabolism; Sulfur Dioxide; Transpiration and Evap; ...1.0415

AIR POLLUTION EFFECTS ...Animal Life History Studies; Hamamelidaceae; Oleaceae; Pinus Nigra; Pinus Virginiana; Plant Response to Env. -ns; Quercus; ...1.0419

EFFECT OF VARIOUS GASEOUS CONTAMINANTS OF THE ATMOSPHERE ON PLANT GROWTH AND BEHAVIOR ...Carbon Disulfide; Enzymes; Growth; Industrial Pollution -general; Pollutant Resistance; Reproductive Physiology; Respiration; ...1.0420

HF-AIR POLLUTION AND INTERMEDIARY METABOLISM ...Adenosine Diphosphate; Agropyron; Nitrogen Metabolism; Respiration; Triticum; ...1.0427

EFFECTS AND FATE OF AIR POLLUTANTS ...Absorption (incl. Adsorption); Carbon Monoxide; Growth; Nitrogen and Nitrogen Cpds.; Plant Physiological Ecology; Sulfur Dioxide; Transpiration and Evap; ...1.0430

INTERACTIONS OF MERCURY WITH AQUATIC AND EDAPHIC ENVIRONMENTS ...Analysis and Detection; Environment; Ion Exchange; Mercury; Photosynthesis; Submerged Plants; ...2.0595

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; D, 2,4-; Dichlobenil; Haloragaceae; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Simazine; ...4.0004

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Low Temp. - But Above 32f; Pesticide Action on Plants; Pesticide Residues; Plant Resistance; Soil Microbiology; Translocation; ...4.0032

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

MECHANISM OF ACTION AND METABOLIC FATE OF FUNGICIDES ...Absorption (incl. Adsorption); Dupont 1991; Pesticide Action on Plants; Pesticide Residues; Plant Absorption -other; ...4.0114

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Heptachlor Epoxide; Pesticide Drift; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

RELATIONSHIP OF PESTICIDES IN SOIL, WATER AND PLANTS ...Contamination - Soil; Herbicides -nonspecific; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Microbiology; Water Pollutants - Path of; ...4.0126

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Carbon; Chemical Analysis; Growth Substances; Metabolism of Algacides; Pesticide Degradation -see Deg; Plant Growth Regulators -ns.; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

PLANT RESPONSE TO ORGANIC CHEMICALS IN THE ROOT ENVIRONMENT ...Absorption (incl. Adsorption); Amiben; Cellular Catabolism-see Degrad; Dicamba; Mutagenesis -nonspecific; Pesticide Degradation -see Deg; Plant Resistance; ...4.0154

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology Env. Eff.; Dipterex; Dyphonate; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Gossypium; Malvaceae; Pesticide Formulation; Prometryne; Respiration; Seeds; ...4.0190

SOIL AND PLANT INTERACTIONS WITH PESTICIDES ...Cellular Catabolism-see Degrad; Pesticide Action on Plants, Plant; Soil Fungi -nonspecific; ...4.0200

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues, Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Air Pollution -see Specifics; Chlorine; Herbicides -nonspecific; Pesticide Action on Plants, Temperature - Air; ...4.0211

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Adenosine Diphosphate; Cotoran; Glycine; Oligomycin; Pesticide Formulation; Pesticide Phytotoxicity; Triazines -nonspecific; ...4.0215

DEVELOPMENT OF SAFE & EFFECTIVE MATERIALS FOR MANAGEMENT OF WESTERN FOREST INSECT POPULATIONS ...Aerosols - Smokes, Fogs, Steam; Bioassay; Methomyl; Pesticide Evaluation; Pesticide Residues; Population Dynamics - general; Translocation; ...4.0220

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Actinomycin; Cellular Biosynthesis; Cucurbita; Endothall; Growth Substances; Nitrogen Metabolism; Pesticide Action on Plants; ...4.0223

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Air Pollution -see Specifics; Herbicides -nonspecific; Pesticide Action on Plants; Plant Physiological Ecology; Seeds; ...4.0224

COMPARATIVE BIOCHEMISTRY OF HERBICIDES ...Carbon; Enzymes; Herbicides -nonspecific; Pesticide Toxicity in Humans; ...4.0225

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds -nonspecific; ...4.0240

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

ABSCISSION OF TREE FRUITS ...Abscission; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Prunus Persica; 3 Cpa; ...4.0283

ETIOLOGY OF MERCURIAL PHYTOTOXICITY (FAT LEG) OF SEED PEANUTS ...Arachis; Chlorine; Mercury; Metal Organics - nonspecific; Pesticide Phytotoxicity; Soil Depth; Soil Temp. -nonspecific; ...4.0290

PESTICIDE RESIDUE METABOLITES ...Caricaceae; Microorganisms -nonspecific; Organophosphorous Cpds.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0299

POTENTIAL EFFECTS OF HERBICIDES ON PLANT METABOLITES AND RESIDUES IN CROPS AND SOIL ...Bioassay; Herbicides -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Application Rates; Pesticide Phytotoxicity; Plant; ...4.0301

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; Setaria; ...4.0304

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Rain; Sulfhydryl Compounds; Vegetables; ...4.0309

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS ...Bioassay; Carya; Fruit, Nut, and Berry Crops; Growth Substances; Photosynthesis; Radioisotopes -nonspecific; Tiba; ...4.0315

FATE OF MALATHION RESIDUES GRAIN SORGHUMS ...Chemical Analysis; Malathion; Pesticide Phytotoxicity; Plant, Temperature - Air; Zea Mays - Field Corn; ...4.0319

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops - general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

SORGHUM AND CORN PHOTOTOXICITY PROBLEM AT WICHITA KANSAS ...BHC; Pesticide Phytotoxicity; Sorghum; Zea Mays - Field Corn; ...4.0325

CONTROLLING THE RESPONSES OF CROP AND WEED PLANTS TO HERBICIDES ...Algae - Euglenophyta; Gossypium; Pesticide Action on Plants; Plant Tissue Analysis -chem.; ...4.0329

FUNDAMENTAL STUDIES ON WEED CONTROL ...Cotoran; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Evaluation; Pesticides Compatibility; Prometryne; Space Competition; ...4.0331

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Cellular Biosynthesis; Diuron; Nitrogen Metabolism; Pesticide Action on Plants; Photosynthesis; Radioisotopes - nonspecific; Triazines -nonspecific; ...4.0340

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF SELECTIVITY OF HERBICIDES ...Absorption (incl. Adsorption); Pesticide Action on Plants; Pesticide Movement in Soils; Physiological Resistance; Translocation; ...4.0345

EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS ON PLANT GROWTH AND DEVELOPMENT ...Pesticide Action on Plants; Plant; Plant Absorption -other; Plant Growth Regulators - ns.; Radioisotopes -nonspecific; ...4.0356

NON-TOXIC OIL SPRAYS TO CONTROL LEAF DISEASES OF CROPS ...Chenopodiaceae; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Septoria; ...4.0367

TOXIC CHEMICALS IN PLANTS AND THEIR RESIDUAL EFFECTS ...Amiben; Carotenoid Pigments; Growth Substances; Iridaceae; Pesticide Formulation; ...4.0368

ABSORPTION, TRANSLOCATION, AND METABOLISM OF HERBICIDES BY CROP AND WEED SPECIES ...Absorption (incl. Adsorption); Amiben; Gramineae -other; Mississippi; Radioisotopes -nonspecific; ...4.0374

PRINCIPLES AND PRACTICES FOR CONTROL OF JOHNSON-GRASS IN SOYBEANS ...Alanap; Diuron; Formulations -nonspecific; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Compaction Or Density; ...4.0391

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Biological Effects; Chemical Effects; Metabolism of Algacides; Oxygen Content (water); Ponds; Water Quality -general; ...4.0392

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Pesticide Formulation; Picloram; Plant Succession; ...4.0395

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Bensulide; Environment Accumulation Rates; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Triazines -nonspecific; ...4.0404

PHYSIOLOGICAL MECHANISMS INVOLVED IN SELECTIVE PHYTOTOXIC ACTION OF HERBICIDES ...Chelation & Complexing; Cipc; Nucleic Acid Compounds; Pesticide Phytotoxicity; Pyriclor; ...4.0430

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Paraquat; Pesticide Degradation see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Absorption (incl. Adsorption); Captan; Chlorophyll; Dieldrin; Metabolites From Pesticides; Photosynthesis; Respiration; Translocation; ...4.0443

INVESTIGATIONS ON THE INFLUENCE OF HERBICIDES IN RELATION TO CROP PRODUCTION ...Climates -general; Pisum; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0452

FACTORS INFLUENCING THE EFFECTIVENESS OF HERBICIDES ...Agricultural Runoff; Betulaceae; Diuron; Irrigation; Pesticide Evaluation; Plant Growth Regulators -ns.; Soil Types - also See Specifics; ...4.0453

MICROANALYSIS TECHNIQUE TO DETECT HERBICIDES AND THEIR DEGRADATION ...Atrazine; Chemical Analysis; D, 2,4-; Pesticide Action on Plants; Plant; ...4.0460

MECHANISMS OF PLANT GROWTH REGULATION ...Avena Sativa; Growth Substances; Hydrogen; Pesticide Phytotoxicity; Respiration; Ultra Violet Radiation; ...4.0461

EVALUATION OF HERBICIDES AND THEIR INFLUENCE ON THE PHYSIOLOGY OF VEGETABLE CROPS ...Absorption (incl. Adsorption); Cruciferae; Irrigation; Pesticide Application Rates; Pesticide Phytotoxicity; Respiration; Trifluralin; ...4.0473

FUNGITOXICITY AND PHYTOTOXICITY OF PLANT DISEASE CONTROL CHEMICALS ...Fungicides -nonspecific; Pesticide Phytotoxicity; Pesticide Rates -general; Plant Pathogenetic Fungi; Plant Phenology; ...4.0478

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Glycine; Nitrogen Metabolism; Pennisetum; Pesticide Phytotoxicity; Plant Absorption -other; Propachlor; Zea Mays - Field Corn; ...4.0482

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Gossypium; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Sandy Soils -see Soil Type; Temperature - Air; ...4.0487

CYTOGENETIC EFFECTS OF FLUORIDE ...Air Pollution -see Specifics; Chemical Mutagenesis; Fluorine; Mutagenesis -nonspecific; Nicotiana; Pesticide Phytotoxicity; ...4.0488

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Cucurbita; Dicamba; Medicago; Pesticide Application Rates; Plant Resistance; Pyrazon; ...4.0495

EFFECT OF SELECTED PESTICIDES ON NUTRITIVE COMPOSITION OF FRUITS AND VEGETABLES ...Daucus Species; Du. Nemagon; Pesticide Organoleptic Prop.; Triazines -nonspecific; ...4.0496

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Chromatography; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Spectrographic Techniques; Surfactants - Wetting Agents; ...4.0502

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Ethrel; Leaf Analysis; Plant Resistance; Pyrus -general; Pyrus Malus; Respiration; Translocation; ...4.0505

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Ceracus & P. Avium; Soil Moisture; Translocation; Ulmaceae; ...4.0519

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Herbicides -nonspecific; Pesticide Persistance in Soils; Pesticide Rates -general; Pesticide Residues; Tissue Accumulation Rates; ...4.0527

MOLECULAR MECHANISMS FOR ACTION OF GROWTH REGULATORS AND HERBICIDES ...Growth Substances; Herbicides -nonspecific; Pesticide Action on Plants; Plant Growth Regulators -ns.; ...4.0563

STUDY OF HERBICIDES SELECTIVITY USING INTRA-SPECIES PLANT INDICATORS ...Absorption (incl. Adsorption); Carbon; Mineral Nutrition; Pesticide Phytotoxicity; Photosynthesis; Respiration; Tok; ...4.0614

HERBICIDE STUDIES EMPLOYING IN VITRO CULTURE METHODS ...Alanap; Humidity; Pesticide Action on Plants; Pesticide Formulation; Pesticide Residues; ...4.0683

ORGANIC MERCURIAL FUNGICIDES AND METABOLISM ...Carbon; Isotope Tracer -see Tracers; Mercury; Metal Organics - nonspecific; Pesticide Action on Animals; PMA; ...4.0820

SELECTIVITY AND MODE OF ACTION OF HERBICIDAL CHEMICALS ...Atrazine; D, 2,4-; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Absorption -other; ...4.0834

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF HERBICIDAL ACTION ...Chemical Analysis; Diuron; Picloram; Planavin; Silvex; ...4.0842

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Animal Resistance; Bos; Mammals -nonspecific; Pesticide Action on Plants; Pesticide Residues; Sevin; ...4.0860

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Alb-

um; Cell Injury and Autolysis; D, 2,4-; Dicamba; Pesticide Action on Plants; Phaseolus; Propachlor; Translocation; ...4.0875

PESTICIDE RESIDUES - THEIR NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND SOILS ...Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticide Residues; Soil Types -also See Specifics; ...4.0935

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; Trifluralin; ...4.0950

BIOLOGICAL INTERACTIONS WITH SYSTEMIC FUNGICIDES ...Basidiomycetes; Fungi -nonspecific; Microorganisms -nonspecific; Pesticide Action on Plants; Plant; Vitavax; ...4.0965

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Pesticide Action on Animals; Pesticide Interaction With Env; Phenols; Soil pH; Stickers; Thuricide; ...4.0969

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

PESTICIDE RESIDUES ...Climates -general; Environment Accumulation Rates; Herbicides -nonspecific; Oregon; Pesticide Action on Animals; Pesticide Persistance in Soils; Pesticides -nonspecific; ...4.0979

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bioassay; Carbon; Developmental Physiology; Genetic Resistance; Hydrogen; Organophosphorous Cpds.; Pesticide Action on Plants; Pyrethrum; ...4.0999

PHYSIOLOGY OF CITRUS FRUIT ABSCISSION ...Abscission; Citrus; Cycloheximide; Enzymes; Pesticide Evaluation; Temperature - Air; ...4.1007

CHEMICAL ANALYSES ...Chemical Analysis (water); Contamination - Water; Estuaries; Invertebrate Physiology; Metabolism of Algacides; Pesticide in Food Chains; Pollution Effects -see Water; ...4.1015

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cassia; Cotoran; Foliar Absorption; Leaf Analysis; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; Root Absorption; ...4.1018

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

MODE OF ACTION OF INSECTICIDES ...Animal; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Action on Plants; Pesticide Residue Analysis; Plant; ...4.1032

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Animal; Chlorobenzilate; Ddvp; Diazinon; Pesticide Action on Animals; Plant; Translocation; ...4.1066

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis; Quinone Cpds. -nonspecific; Triazines - nonspecific; ...4.1086

PEPTIDE HYDROLASES IN PESTICIDE METABOLISM BY PLANTS ...Carbamates -nonspecific; Glycine; Pesticide Action on Plants; Pesticide Evaluation; Plant; Thiocarbamate -nonspecific; Urea Cpds. -nonspecific; ...4.1093

COMPARISON OF NUTRIENTS OF PEANUTS FROM SOILS WITHOUT AND WITH LINDANE TREATMENT ...Arachis; Fruit Analysis; Lindane; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Pesticide Phytotoxicity; Residues in Foods; ...4.1119

HARVEST-AID CHEMICAL RESIDUES IN COTTONSEED ...Absorption (incl. Adsorption); Chemical Analysis; Metabolites From Pesticides; Pesticide Residues; Plant Absorption -other; Translocation; ...4.1120

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Carbamates -nonspecific; Chlorinated Hydrocarbons; Organophosphorous Cpds.; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; ...4.1133

THE ANALYSIS OF NATURAL SYSTEMS ...Absorption (incl. Adsorption); Chlorine; Growth; Mathematical Models; Pesticide in Food Chains; Primary Productivity - Plants; ...5.0082

Ion Transport and Elect. Pot.

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Chlorine; Fish; Literature Search; Rock - Soil Pollution; Soil Chemical Properties; Soil Saline Properties; Virginia; Water Supply Facilities; ...2.0408

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOCATIVE MATERIALS ...Absorption (incl. Adsorption); Plants; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Soil Tillage; X and Gamma Rays; ...5.0043

BEHAVIOR OF CERTAIN SYNTHETIC CHELATING AGENTS IN BIOLOGICAL AND SOIL SYSTEMS ...Absorption (incl. Adsorption); Chelation & Complexing; Mineral Nutrition; Radiation Effects -see Rad.; Soil Chemical Properties; Translocation; ...5.0161

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS ...Absorption (incl. Adsorption); Calcium; Cellular Biosynthesis; Mineral Nutrition; Passive Transport, Diffusion; Radioactive Fallout-cf Fallout; Soil Temp. - non-specific; Zinc; ...5.0409

Lipids

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Environmental Modification; Pathological Physiology; Respiration; Toxic Substances; ...1.0333

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Cell Injury and Autolysis; Herbicides and Other Chem; Nicotiana; Phaseolus; Pollutant Resistance; ...1.0334

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis; Quinone Cpds. - nonspecific; Triazines -nonspecific; ...4.1086

Mineral Composition

EFFECTS OF AIR-BORNE FLUORIDES ON CITRUS ...Citrus; Fertilizer Industry; Fluorine; Fruit, Nut, and Berry Crops; Herbicides and Other Chem; Industrial Pollution -general; Leaf Analysis; ...1.0341

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

Mineral Nutrition

EFFECTS OF FLUORIDES IN AIR, WATER, AND SOIL ON GROWTH, QUALITY, AND YIELDS OF TREE, FIELD, AND VEGETABLE CROPS ...Air - Water - Plant Relations; Aluminum; Fluorine; Gases; Soil Water Plant Relationships; Zinc; ...1.0319

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Bioindicators; B9; Liquids Or Sprays; Nicotiana; Pesticide Evaluation; Pesticides -other; Pollutant Resistance; Zea Mays - Field Corn; ...1.0335

PHYSIOLOGICAL RESPONSES OF PLANTS TO TOXIC AIR POLLUTANTS ...Adenosine Triphosphate; Enzymes; Lycopersicum; Pathological Physiology; Pinus Nigra; Respiration; Vegetables; ...1.0365

EVALUATION OF POTATO VARIETIES ...Air Pollution -see Specifics; Solanum; Vegetables; ...1.0367

OZONE AND VASCULAR TISSUE DIFFERENTIATION IN PLANTS ...Air Pollution -see Specifics, Herbicides and Other Chem; Pathological Physiology; ...1.0375

HF-AIR POLLUTION AND INTERMEDIARY METABOLISM ...Adenosine Diphosphate; Agropyron; Herbicides and Other Chem; Nitrogen Metabolism; Respiration; Triticum; ...1.0427

FIELD INVESTIGATION OF THE SUBMERSED AQUATIC ENVIRONMENT ...Algae - Chlorophyta; Aquatic Ecology - Animal; Canals; Irrigation; Physical Water Properties; Soil Chemical Properties; ...2.0072

VEGETATIVE STABILIZATION OF MINE TAILINGS, WASTES, AND SPOILS ...Climates -general; Gramineae -other; Oil Shale; Setaria; Soil Chemical Properties; Spoil Banks; ...2.0077

FATE OF SURFACE-APPLIED NITROGEN FERTILIZERS ...Agricultural Runoff; Fertilizer Losses; Microorganisms -nonspecific; Non-symbiotic N-fixation; Soil Microbiology; Water Pollutants - Path of; ...2.0141

EFFECT OF MINERAL ELEMENTS ON YIELD AND COMPOSITION OF CROPS AND ON SOIL CONDITIONS ...Fertilizers; Mineralogy; Soil Chemical Properties; Soil Conditions; Water Pollutants - Path of; ...2.0148

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Algal Physiology; Eutrophic Lakes; Organic Water Properties; Photosynthesis; Plant Epiphytic Relationships; Plant Productivity -general; Submerged Plants; ...2.0198

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties; Contamination - Water; Environmental Influences; Nutrient Studies - animal; Photosynthesis; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines; ...2.0298

RESPIRATION OF AQUATIC MACROPHYTES IN EUTROPHIC SYSTEMS ...Algae -nonspecific; Aquatic Plants -nonspecific; Eutrophication; Oxygen Content (water); Primary Productivity - Plants; Water Purification; ...2.1088

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; Tracers; ...2.1731

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Contamination - Soil; Mans Pollutional Activities; Plant Growth; Sandy Soils -see Soil Type Soils; Water Supply -general; ...2.1742

EVALUATION OF THE NITROGEN, PHOSPHORUS AND POTASSIUM CONTENT OF POULTRY MANURE ...Clay Soils; Farm Animal Wastes; Poultry -nonspecific; ...3.0002

TREATMENT OF TAILINGS TO ENHANCE PLANT GROWTH AND PROMOTE STABILIZATION OF TAILINGS ...Bibliography; Lead; Mine Wastes; Mining Industry; Soil Amendments; Toxic Minerals; Zinc; ...3.0043

NITRATE POLLUTION FROM DISPOSAL OF DAIRY WASTE ...Animal Wastes - Feed Lots; Drainage; Groundwater; Soil Profile; Waste Disposal on Soils; ...3.0077

WASTE COMPOSTS AS CHELATING AGENTS IN PLANT NUTRITION ...Absorption (incl. Adsorption); Chromatography; Soil - Crop Relationships; Waste Disposal on Soils; Zinc; ...3.0091

ANIMAL WASTE COMPOSTING WITH CARBONACEOUS MATERIAL ...Farm Animal Wastes; Panicum -other; Plant Residues, Humus, Compost; Soil Amendments; Triticum; Waste Disposal on Soils; ...3.0252

UTILIZATION OF AGRICULTURAL WASTES IN CROP PRODUCTION ...Agaricus; Farm Animal Wastes; Gramineae - other; Plant Residues, Humus, Compost; Pseudotsuga; Zea Mays - Field Corn; ...3.0294

AGRICULTURAL WASTES - POULTRY MANURE DISPOSAL AND USE ...Economic Feasibility; Gallus Domesticus; Microorganisms -nonspecific; Phaseolus; Soil pH; Vegetables; ...3.0297

UTILIZATION OF FOOD PROCESSING PLANT EFFLUENTS AND THEIR EFFECTS ON SOILS AND CROPS ...Chemical Analysis (water); Food Processing Industries; Plant Response to Env. -ns; Plant Waste Removal, Treatment; Soil Chemical Properties; ...3.0335

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Coronilla; Farm Animal Wastes; Fertilizer Industry; Roads & Highways -see Highways; Soil Amendments; Soil Microbiology; Waste Disposal on Soils; ...3.0399

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources; Aquatic Soils; Growth; Haloragaceae; Nitrogen and Nitrogen Cpds.; Photoperiodism; Plant Tissue Analysis -chem.; Temperature (water); ...4.0053

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS ...Cipc; Dichlobenil; Florida; Fruit, Nut, and Berry Crops; Herbicides -nonspecific; Pesticide Phytotoxicity; Prunus Persica; Vitaceae; ...4.0279

NUTRITION AND ENVIRONMENT OF FLORAL CROPS ...Botrytis; Exotherm; Ornamentals; Pesticide Phytotoxicity; ...4.0357

STUDY OF HERBICIDES SELECTIVITY USING INTRA-SPECIES PLANT INDICATORS ...Absorption (incl. Adsorption); Carbon; Pesticide Phytotoxicity; Photosynthesis; Respiration; Tok; ...4.0614

HERBICIDE STUDIES EMPLOYING IN VITRO CULTURE METHODS ...Alanap; Humidity; Pesticide Action on Plants; Pesticide Formulation; Pesticide Residues; ...4.0683

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

COMPARISON OF NUTRIENTS OF PEANUTS FROM SOILS WITHOUT AND WITH LINDANE TREATMENT ...Arachis; Fruit Analysis; Herbicides and Other Chem; Lindane; Nitrogen and Nitrogen Cpds.; Pesticide Phytotoxicity; Residues in Foods; ...4.1119

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Carbamates -nonspecific; Chlorinated Hydrocarbons; Herbicides and Other Chem; Organophosphorous Cpds.; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; ...4.1133

DISTRIBUTION AND INTERRELATIONSHIP OF ELEMENTS IN BIOLOGICAL SYSTEMS ...Deserts, Arid Lands; Emission Spectroscopy; Plant Physiological Ecology, Plants; Radioecology - Plants; Radioisotopes -nonspecific; Translocation; ...5.0012

INFLUENCE OF SOIL HEATING ON THE GROWTH AND ELEMENTAL COMPOSITION OF BEAN PLANTS ...High Temp. - 85f Or Above; Organic Soils -see Soils; Plants; Radioactive Contamination; Soil Chemical Properties; ...5.0013

DEVELOP TECHNIQUES FOR DECONTAMINATING SOILS POLLUTED WITH RADIOACTIVE MATERIALS OR HEAVY METALS ...Bioindicators; Lead; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Zea Mays - Field Corn; ...5.0041

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Arid and Desert Regions; Clay Soils; Plants; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Soil Moisture; X and Gamma Rays; ...5.0159

BEHAVIOR OF CERTAIN SYNTHETIC CHELATING AGENTS IN BIOLOGICAL AND SOIL SYSTEMS ...Absorption (incl. Ad-

sorption); Chelation & Complexing; Radiation Effects -see Rad.; Soil Chemical Properties; Translocation; ...5.0161

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS ...Absorption (incl. Adsorption); Calcium; Cellular Biosynthesis; Ion Transport and Elect. Pot.; Passive Transport, Diffusion; Radioactive Fallout-cf Fallout; Soil Temp. -non-specific; Zinc; ...5.0409

THE CYCLING OF MICRONUTRIENTS IN GEOCHEMICAL AND BIOLOGICAL SYSTEMS ...Absorption (incl. Adsorption); Medicago; Mineralogical Water Properties; Soil Chemical Properties; Translocation; Zinc; ...5.0868

Nitrogen Metabolism

EFFECT OF SO2 ON METABOLIC PATHWAYS IN HIGHER PLANTS ...Arachis; Industrial Pollution -general; Radioisotopes - nonspecific; Sulfur Dioxide; ...1.0311

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY IN CITRUS ...Air Pollution -see Specifics; Carbon; Citrus; Gossypium; Permeability; ...1.0321

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY - COTTON ...Aging; Air Pollution -see Specifics; Gossypium; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Pathological Physiology; Plant Pathology - Env. Relat.; ...1.0322

HF-AIR POLLUTION AND INTERMEDIARY METABOLISM ...Adenosine Diphosphate; Agropyron; Herbicides and Other Chem; Respiration; Triticum; ...1.0427

LOSS OF ORGANIC AND INORGANIC MATERIALS FROM ABOVE-GROUND PLANT PARTS BY LEACHING ...Absorption (incl. Adsorption); Aging; Dew; Fog, Haze, Mist; Radioactive Fallout-cf Fallout; Rain, Translocation; ...2.0268

METABOLISM OF FIXED NITROGEN BY PLANTS AND BACTERIA ...Algae - Cyanophyta; Azotobacter; Clostridia; Eutrophication; Kinetics; ...2.0439

ECOLOGY AND NITROGEN CYCLE IN A MARINE PLANT COMMUNITY ...Alaska; Bering Sea; Lagoons; Nitrogen Cycle - see Denitrif.; Physiological Effects; Plant Physiological Ecology; Primary Productivity - Plants; ...2.1476

BIOLOGICAL NITROGEN FIXATION IN LAKES, PHASE II ...Algae - Cyanophyta; Eutrophic Lakes; Eutrophication; Hydrogenation; Water Utilization -plant; ...2.1779

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Low Temp. - But Above 32f; Pesticide Action on Plants; Pesticide Residues; Plant Resistance; Soil Microbiology; Translocation; ...4.0032

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

MECHANISM OF ACTION AND METABOLIC FATE OF FUNGICIDES ...Absorption (incl. Adsorption); Dupont . ; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Residues; Plant Absorption -other; ...4.0114

PHYTOTOXICITY OF 3-AMINO-1,2,4-TRIAZOLE ...Amino Triazole; Cellular Biosynthesis; Cellular Metabolism - Controls; Cucumis Sativus; Enzymes; Pesticide Phytotoxicity; Phaseolus; ...4.0203

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Actinomycin; Cellular Biosynthesis; Cucurbita; Endothall; Growth Substances; Pesticide Action on Plants; ...4.0223

PESTICIDE RESIDUE METABOLITES ...Caricaceae; Herbicides and Other Chem; Microorganisms -nonspecific; Organophosphorous Cpds.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0299

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Cellular Biosynthesis; Diuron; Herbicides and Other Chem; Pesticide Action on Plants; Photosynthesis; Radioisotopes - nonspecific; Triazines -nonspecific; ...4.0340

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Glycine; Pennisetum; Pesticide Phytotoxicity; Plant Absorption -other; Propachlor; Zea Mays - Field Corn; ...4.0482

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Plants; Photosynthesis; Quinone Cpds. - nonspecific; Triazines -nonspecific; ...4.1086

EFFECTS OF GAMMA-IRRADIATION ON DNA TRANSCRIPTION AND RNA TRANSLATION IN PLANTS ...Cell Injury and Autolysis; Chenopodiaceae; Plants; Radiation Effects -see Rad.; ...5.0322

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES ...Albizzia; Cellular Metabolism - Controls; Growth; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Temperature; X and Gamma Rays; ...5.0414

Nucleic Acid Compounds

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Actinomycin; Cellular Biosynthesis; Cucurbita; Endothall; Growth Substances; Nitrogen Metabolism; Pesticide Action on Plants; ...4.0223

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Cellular Biosynthesis; Diuron; Herbicides and Other Chem; Nitrogen Metabolism; Pesticide Action on Plants; Photosynthesis; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0340

PHYSIOLOGY AND BIOCHEMISTRY OF HERBICIDE ACTION, SELECTIVITY, AND DEGRADATION ...Amiben; Bromoxynil; Metabolites From Pesticides; Pesticide Action on Plants; Pesticide Phytotoxicity; Tissue Accumulation Rates; ...4.0363

PHYSIOLOGICAL MECHANISMS INVOLVED IN SELECTIVE PHYTOTOXIC ACTION OF HERBICIDES ...Chelation & Complexing; Cipc; Herbicides and Other Chem; Pesticide Phytotoxicity; Pyriclor; ...4.0430

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Glycine; Nitrogen Metabolism; Pennisetum; Pesticide Phytotoxicity; Plant Absorption -other; Propachlor; Zea Mays - Field Corn; ...4.0482

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

CORRELATIVE ACTION OF THE GAMMA-IRRADIATED LEAF ON ROOT INITIATION IN COLEUS ...Grafting & Other Nonsex Prop; Growth Substances; Labiatae; Nitrogen and Nitrogen Cpds.; Radiation Effects -see Rad.; X and Gamma Rays; ...5.0277

EFFECTS OF GAMMA-IRRADIATION ON DNA TRANSCRIPTION AND RNA TRANSLATION IN PLANTS ...Cell Injury and Autolysis; Chenopodiaceae; Nitrogen Metabolism; Plants; Radiation Effects -see Rad.; ...5.0322

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Aging; Commelinaceae; Plant Response to Env. -ns; Radiation; Radiation Sensitivity -man; Somatic Mutation; Temperature - Air; ...5.0408

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES ...Albizzia; Cellular Metabolism - Controls; Growth; Plant Response to Env. -ns; Radiation; Temperature; X and Gamma Rays; ...5.0414

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Growth; Plants; Plants - Monocotyledons; Radiation Effects -see Rad.; Radiation Sensitivity -man; Reproductive Physiology; X and Gamma Rays; ...5.0536

RADIATION RECOVERY MECHANISMS OF G1 AND G2 CELLS IN THE MITOTIC CYCLE OF PISUM ROOT MERISTEMS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Growth; Plants; Radiation Effects -see Rad.; Radioisotopes -nonspecific; ...5.0538

Osmotic and Turgor Pressure

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY IN CITRUS ...Air Pollution -see Specifics; Carbon; Citrus, Gossypium; Nitrogen Metabolism; Permeability; ...1.0321

ELECTRO-OSMOSIS ...Electrical Current -bioeffects; Farm Animal Wastes; Feces; Models of Biological Systems; ...3.0186

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Herbicides and

Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Ceracus & P. Avium; Soil Moisture; Translocation; Ulmaceae; ...4.0519

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

pH

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; Pesticides; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

Photoactivation and React

PHOTOSENSITIZED OXYGENATIONS ...Air Pollution -see Specifics; Isotope Effects; Mechanism Determination; Pollution Effects -see Water; Vertebrates -nonspecific; ...1.0889

THE PHOTOBIOLOGY AND PHOTOCHEMISTRY OF RIBONUCLEIC ACIDS ...Cellular Repair Mechanisms; Nicotiana; Plants; Radiation -see Specifics; Ultra Violet Radiation; Viruses - Animal; ...5.0088

Photoperiodism

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources; Aquatic Soils; Growth; Haloragaceae; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Plant Tissue Analysis -chem.; Temperature (water); ...4.0053

Photosynthesis

BIOCHEMICAL EFFECTS OF SULFUR DIOXIDE ON HIGHER PLANTS ...Enzymes; Herbicides and Other Chem; Sulfur Dioxide; ...1.0312

EFFECTS OF DUSTS ON VEGETATION ...Air Pollution; Air Pollution Effects; Cell Injury and Autolysis; Industrial Pollution - general; Particulates - Air Pollution; Urban Environments; ...1.0320

INFLUENCE OF ENVIRONMENT, CHEMICAL ADDITIVES AND AIR POLLUTANTS ON APPARENT PHOTOSYNTHESIS AND RESPIRATION ...Absorption (incl. Adsorption); Industrial Pollution -general; Lactuca; Nitrogen and Nitrogen Cpds.; Parathion; Phaseolus; Respiration; ...1.0324

INFLUENCE OF SELECTED AIR POLLUTANTS ON PHOTOSYNTHESIS OF MATURE FOREST TREES UNDER NATURAL CONDITIONS ...Air Pollution -see Specifics; Pinus Strobus; Pollutant Resistance; Sulfur Dioxide; ...1.0335

EFFECT OF VARIOUS GASEOUS CONTAMINANTS OF THE ATMOSPHERE ON PLANT GROWTH AND BEHAVIOR ...Carbon Disulfide; Enzymes; Growth; Industrial Pollution -general; Pollutant Resistance; Reproductive Physiology; Respiration; ...1.0420

EARLY DIAGNOSIS OF POLLUTION-INDUCED PLANT DAMAGE ...Air Pollution -see Specifics; Chenopodiaceae; Kinetics; Nicotiana; Vegetables; ...1.0424

EFFECTS AND FATE OF AIR POLLUTANTS ...Absorption (incl. Adsorption); Carbon Monoxide; Growth; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Physiological Ecology; Sulfur Dioxide; Transpiration and Evap; ...1.0430

EVALUATION OF THE DEGREE OF AIR POLLUTION BY PHOTOSYNTHETIC MEASUREMENT ...Air Pollution -see Specifics; Plant Response to Env. -ns; ...1.0682

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Algal Physiology; Eutrophic Lakes; Mineral Nutrition; Organic Water Properties; Plant Epiphytic Relationships; Plant Productivity -general; Submerged Plants; ...2.0198

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties; Contamination - Water; Environmental Influences; Mineral Nutrition; Nutrient Studies -animal; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines; ...2.0298

USE OF REACTOR COOLING WATER FROM NUCLEAR POWER PLANTS FOR IRRIGATION OF AGRICULTURAL CROPS ...Atomic Plants; Energy Conversion; High Temp. - 85f Or Above; Respiration; Soil Moisture; Thermal Pollution; ...2.0318

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS ...Biological Water Properties; Circulation (water); Eutrophication; Fish Food Organisms; Nutrients; Phytoplankton; Water Bacteria; Wisconsin; ...2.0443

INTERACTIONS OF MERCURY WITH AQUATIC AND EDAPHIC ENVIRONMENTS ...Analysis and Detection; Environment; Ion Exchange; Mercury; Submerged Plants; ...2.0595

PHOTOSYNTHETIC REAERATION IN THE UPPER PASSAIC RIVER ...Aeration (water); Chemical Treatment (water); New Jersey; Oxygen Content (water); Streams & Rivers; Water Purification; ...2.1056

STREAM REAERATION ...Aeration (water); Flow Characteristics (water); Nutrients; Organic Matter; Physiological Effects; Southwest U. S.; ...2.1080

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1575

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Ecological Effects; Environment Resistance-animals; Heat Recovery, Industrial; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution - see Specifics; Computer Methods -general; Energy Budgets; Metabolism and Biochemistry; Plant Competition; Plant Physiological Ecology; Plant Response to Env. -ns; Temperature - Internal; Water Utilization -plant; ...2.1629

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; ...se -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Plant Freshwater Ecology; ...4.0040

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS ...Bioassay; Carya; Fruit, Nut, and Berry Crops; Growth Substances; Herbicides and Other Chem; Radioisotopes -nonspecific; Tiba; ...4.0315

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Cellular Biosynthesis; Diuron; Herbicides and Other Chem; Nitrogen Metabolism; Pesticide Action on Plants; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0340

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Absorption (incl. Adsorption); Captan; Chlorophyll; Dieldrin; Metabolites From Pesticides; Respiration; Translocation; ...4.0443

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Ceracus & P. Avium; Soil Moisture; Translocation; Ulmaceae; ...4.0519

STUDY OF HERBICIDES SELECTIVITY USING INTRA-SPECIES PLANT INDICATORS ...Absorption (incl. Adsorption); Carbon; Mineral Nutrition; Pesticide Phytotoxicity; Respiration; Tok; ...4.0614

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

MECHANISM OF PHOTOSYNTHESIS INHIBITION BY HERBICIDES ...Algae - Chlorophyta; Algal Physiology; Carbon; Cellular Biosynthesis; Herbicides and Other Chem; Metabolism of Algacides; Pesticide Action on Plants; Quinone Cpds. -nonspecific; Triazines -nonspecific; ...4.1086

RESPONSES OF PLANTS AND PLANT COMMUNITIES TO IONIZING RADIATION ...Acer Species; Carbohydrates; Festuca;

Magnoliaceae; Radiation Sources -general; Radioactive Hazard; Translocation; ...5.0652

ENVIRONMENTAL BIOLOGY - METABOLISM AND PRODUCTION OF A FOREST ...Carbon; Plant Ecology -nonspecific; Plants; Quercus; Radioecology - Plants; X and Gamma Rays; ...5.0900

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Cell Membrane Permeability; Chlorophyll; Electronic Components; Permeability; Physical Control; Potamogetonaceae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

Respiration

STUDY TO DETERMINE THE FATE OF CO IN THE ATMOSPHERE ...Air Pollution-chemistry; Algae -nonspecific; Carbon Monoxide; Microorganisms -nonspecific; ...1.0318

INFLUENCE OF ENVIRONMENT, CHEMICAL ADDITIVES AND AIR POLLUTANTS ON APPARENT PHOTOSYNTHESIS AND RESPIRATION ...Absorption (incl. Adsorption); Industrial Pollution -general; Lactuca; Nitrogen and Nitrogen Cpds.; Parathion; Phaseolus; ...1.0324

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Environmental Modification; Pathological Physiology; Toxic Substances; ...1.0333

PHYSIOLOGICAL RESPONSES OF PLANTS TO TOXIC AIR POLLUTANTS ...Adenosine Triphosphate; Enzymes; Lycopersicum; Mineral Nutrition; Pathological Physiology; Pinus Nigra; Vegetables; ...1.0365

EFFECTS OF AIR POLLUTANTS ON PLANT SYSTEMS ...Absorption (incl. Adsorption); Aging; Climates -general; Growth; Humidity; Ornamentals; ...1.0383

STUDIES TO DEVELOP DIAGNOSTIC TECHNIQUES FOR EVALUATING INJURY TO VEGETATION ...Air Pollution -see Specifics; Glycine; Growth; Nicotiana; Plant Response to Env. -ns; ...1.0401

EFFECT OF VARIOUS GASEOUS CONTAMINANTS OF THE ATMOSPHERE ON PLANT GROWTH AND BEHAVIOR ...Carbon Disulfide; Enzymes; Growth; Industrial Pollution -general; Pollutant Resistance; Reproductive Physiology; ...1.0420

HF-AIR POLLUTION AND INTERMEDIARY METABOLISM ...Adenosine Diphosphate; Agropyron; Herbicides and Other Chem; Nitrogen Metabolism; Triticum; ...1.0427

EFFECTS OF FLUORIDE ON PHOSPHORUS METABOLISM OF PLANTS ...Air Pollution -see Specifics; Fluorine; Growth; Metabolism; Phaseolus; Phosphorus and Phosphorus Cpds; ...1.0431

USE OF REACTOR COOLING WATER FROM NUCLEAR POWER PLANTS FOR IRRIGATION OF AGRICULTURAL CROPS ...Atomic Plants; Energy Conversion, High Temp. - 85f Or Above; Photosynthesis; Soil Moisture; Thermal Pollution; ...2.0318

STREAM REAERATION ...Aeration (water); Flow Characteristics (water); Nutrients; Organic Matter; Physiological Effects; Southwest U. S.; ...2.1080

RESPIRATION OF AQUATIC MACROPHYTES IN EUTROPHIC SYSTEMS ...Algae -nonspecific; Aquatic Plants -nonspecific; Eutrophication; Mineral Nutrition; Oxygen Content (water); Primary Productivity - Plants; Water Purification; ...2.1088

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution - see Specifics; Computer Methods -general; Energy Budgets; Metabolism and Biochemistry; Plant Competition; Plant Physiological Ecology; Plant Response to Env. -ns; Temperature - Internal; Water Utilization -plant; ...2.1629

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Gossypium; Herbicides and Other Chem; Malvaceae; Pesticide Formulation; Prometryne; Seeds; ...4.0190

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

ARSENIC STUDIES WITH BLUEBERRIES AND POTATOES ...Arsenic; Ericaceae; Plant Absorption -other; Sandy Soils -see Soil Type; Solanum; ...4.0335

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Absorption (incl. Adsorption); Captan; Chlorophyll; Dieldrin; Metabolites From Pesticides; Photosynthesis; Translocation; ...4.0443

INVESTIGATIONS ON THE INFLUENCE OF HERBICIDES IN RELATION TO CROP PRODUCTION ...Climates -general; Herbicides and Other Chem; Pisum; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0452

MECHANISMS OF PLANT GROWTH REGULATION ...Avena Sativa; Growth Substances; Hydrogen; Pesticide Phytotoxicity; Ultra Violet Radiation; ...4.0461

EVALUATION OF HERBICIDES AND THEIR INFLUENCE ON THE PHYSIOLOGY OF VEGETABLE CROPS ...Absorption (incl. Adsorption); Cruciferae; Irrigation; Pesticide Application Rates; Pesticide Phytotoxicity; Trifluralin; ...4.0473

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Ethrel; Leaf Analysis; Plant Resistance; Pyrus -general; Pyrus Malus; Translocation; ...4.0505

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Ceracus & P. Avium; Soil Moisture; Translocation; Ulmaceae; ...4.0519

STUDY OF HERBICIDES SELECTIVITY USING INTRA-SPECIES PLANT INDICATORS ...Absorption (incl Adsorption); Carbon; Mineral Nutrition; Pesticide Phytotoxicity; Photosynthesis; Tok; ...4.0614

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Herbicides and Other Chem; Linuron, Pesticide Action on Plants; Piperonyl Butoxide; Vegetables; ...4.0937

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Benlate; Chenopodiaceae; Ethrel; Penicillium; Pesticide Residues Removal; TBZ; ...4.1047

EFFECTS OF AGING ON SOME ENERGY-LINKED FUNCTIONS OF PLANT MITOCHONDRIA ...Aging; Phaseolus; Radiation; Radiation Effects -see Rad.; Radiation, Lethal Dose; Seeds; ...5.0090

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS ...Absorption (incl. Adsorption); Calcium; Cellular Biosynthesis; Ion Transport and Elect. Pot.; Mineral Nutrition; Passive Transport, Diffusion, Radioactive Fallout-cf Fallout; Soil Temp. -non-specific; Zinc; ...5.0409

THE NATURE, INDUCTION AND REPAIR OF RADIATION-INDUCED GENETIC DAMAGE IN PLANTS ...Chlorophyll; Enzymes; Growth Substances; Hordeum Vulgare; Physical Mutagenesis; Plants; Radiation Effects -see Rad.; ...5.0732

A STUDY OF FACTORS GOVERNING PLANT RADIOSENSITIVITY ...Chemical Mutagenesis; Physical Mutagenesis; Plants; X and Gamma Rays; ...5.0733

ENVIRONMENTAL BIOLOGY - METABOLISM AND PRODUCTION OF A FOREST ...Carbon; Photosynthesis; Plant Ecology - nonspecific; Plants; Quercus; Radioecology - Plants; X and Gamma Rays; ...5.0900

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Cell Membrane Permeability; Chlorophyll; Electronic Components; Permeability; Physical Control; Potamogetonaceae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

Temperature - Internal

PLANT GROWTH RESPONSES TO AIR POLLUTANTS ...Air Pollution -see Specifics; Growth; Herbicides and Other Chem; Metabolism; Sulfur Dioxide; Transpiration and Evap; ...1.0415

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution - see Specifics; Computer Methods -general; Energy Budgets; Metabolism and Biochemistry; Plant Competition; Plant Physiological Ecology; Plant Response to Env. -ns; Water Utilization -plant; ...2.1629

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

Translocation

LOSS OF ORGANIC AND INORGANIC MATERIALS FROM ABOVE-GROUND PLANT PARTS BY LEACHING ...Absorption (incl. Adsorption); Aging; Dew; Fog, Haze, Mist; Nitrogen Metabolism; Radioactive Fallout-cf Fallout; Rain; ...2.0268

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Low Temp. - But Above 32f; Pesticide Action on Plants, Pesticide Residues; Plant Resistance; Soil Microbiology; ...4.0032

MECHANISM OF ACTION AND METABOLIC FATE OF FUNGICIDES ...Absorption (incl. Adsorption); Dupont 1991; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Residues; Plant Absorption -other; ...4.0114

PERSISTENCE OF HERBICIDES IN SOILS ...Alanap; Gossypium; Pesticide Persistance in Soils; Pesticides Compatibility; Plant Absorption -other; Root Absorption; Soil pH; ...4.0137

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; ...4.0196

SOIL AND PLANT INTERACTIONS WITH PESTICIDES ...Cellular Catabolism-see Degrad; Herbicides and Other Chem; Pesticide Action on Plants; Plant; Soil Fungi -nonspecific; ...4.0200

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

DEVELOPMENT OF SAFE & EFFECTIVE MATERIALS FOR MANAGEMENT OF WESTERN FOREST INSECT POPULATIONS ...Aerosols - Smokes, Fogs, Steam; Bioassay; Methomyl; Pesticide Evaluation; Pesticide Residues; Population Dynamics - general; ...4.0220

CHEMISTRY OF NEMATODES AND NEMATOCIDES ...Invertebrate Physiology; Nematoda; Pathological Physiology; Pesticide Degradation -see Deg; Soil Microbiology; ...4.0229

DEVELOPMENT OF SYSTEMIC FUNGICIDES FOR VERTICILLIUM WILT CONTROL ...Absorption (incl. Adsorption); Fungicides -nonspecific; Gossypium; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0232

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae, Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils, Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Western U. S.; ...4.0244

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Amaranthaceae; Chenopodiaceae; Convolvulaceae; Dicamba; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Absorption -other; ...4.0249

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity, Phaseolus; Solanum; Symbiotic Nitrogen Fixation; ...4.0256

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; Setaria; ...4.0304

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem, Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Triticum; ...4.0306

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Cellular Biosynthesis; Diuron; Herbicides and Other Chem; Nitrogen Metabolism; Pesticide Action on Plants; Photosynthesis; Radioisotopes -nonspecific; Triazines -nonspecific; ...4.0340

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF SELECTIVITY OF HERBICIDES ...Absorption (incl. Adsorption); Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Movement in Soils; Physiological Resistance; ...4.0345

ABSORPTION, TRANSLOCATION, AND METABOLISM OF HERBICIDES BY CROP AND WEED SPECIES ...Absorption (incl. Adsorption); Amiben; Gramineae -other; Herbicides and Other Chem; Mississippi; Radioisotopes -nonspecific; ...4.0374

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; ...4.0436

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl. Adsorption); Chemical Analysis; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Lycopersicum; Pesticide Organoleptic Prop.; Radioisotopes -nonspecific; Solanum; Vegetables; ...4.0437

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Absorption (incl. Adsorption); Captan; Chlorophyll; Dieldrin; Metabolites From Pesticides; Photosynthesis; Respiration; ...4.0443

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Glycine; Nitrogen Metabolism; Pennisetum; Pesticide Phytotoxicity; Plant Absorption -other; Propachlor; Zea Mays - Field Corn; ...4.0482

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Gossypium; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Sandy Soils -see Soil Type; Temperature - Air; ...4.0487

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Ethrel; Leaf Analysis; Plant Resistance; Pyrus -general; Pyrus Malus; Respiration; ...4.0505

RESPONSE OF PLANTS TO HERBICIDES ...Amino Triazole; D, 2,4-; Foliar Absorption; Pesticide Interaction -gen.; Pesticide Residues; Plant Absorption -other; Temperature - Air; ...4.0507

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Ceracus & P. Avium; Soil Moisture; Ulmaceae; ...4.0519

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. --(1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Vegetables; ...4.0528

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; Cell Injury and Autolysis; D, 2,4-; Dicamba; Herbicides and Other Chem; Pesticide Action on Plants; Phaseolus; Propachlor; ...4.0875

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology, Silvex; Temperature (water); Water Quality Control -general; ...4.0939

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; D, 2,4-; Food Contamination; Pesticide in Food Chains; Pesticide Persistance in Soils; Pesticide Residues; Poultry -nonspecific; ...4.0952

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals; Pesticide Interaction With Env; Phenols; Soil pH; Stickers; Thuricide; ...4.0969

UPTAKE OF MERCURY BY PLANTS AND ITS DISTRIBUTION IN LIVING ORGANISMS IN AN ENVIRONMENT WITH INCREASED CONCENTRATION OF THIS ELEMENT ...Absorption (incl. Adsorption); Contamination -see Air & Water; Mercury; ...4.0998

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chenopodiaceae; Chlorinated Hydrocarbons; Insecticides -nonspecific; Or-

ganophosphorous Cpds.; Plant; Rhizosphere; Soil Microbiology; Trifolium; ...4.1043

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Animal; Chlorobenzilate; Ddvp; Diazinon; Herbicides and Other Chem; Pesticide Action on Animals; Plant; ...4.1066

HARVEST-AID CHEMICAL RESIDUES IN COTTONSEED ...Absorption (incl. Adsorption); Chemical Analysis; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Residues; Plant Absorption -other; ...4.1120

DISTRIBUTION AND INTERRELATIONSHIP OF ELEMENTS IN BIOLOGICAL SYSTEMS ...Deserts, Arid Lands; Emission Spectroscopy; Mineral Nutrition; Plant Physiological Ecology; Plants; Radioecology - Plants; Radioisotopes -nonspecific; ...5.0012

A STUDY OF UNSUPPORTED 210 PO ION EXCHANGE IN SOILS, UPTAKE IN VEGETATION AND COMPARISON WITH DIRECT AERIAL DEPOSITION ...Absorption (incl. Adsorption); Polonium; Radioactive Fallout-cf Fallout; Soil Microbiology; Soil Types -also See Specifics; ...5.0024

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Beta Particles; Lactuca; Pisum; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; Triticum; Zea Mays - Field Corn; ...5.0106

BEHAVIOR OF CERTAIN SYNTHETIC CHELATING AGENTS IN BIOLOGICAL AND SOIL SYSTEMS ...Absorption (incl. Adsorption); Chelation & Complexing; Mineral Nutrition; Radiation Effects -see Rad.; Soil Chemical Properties; ...5.0161

EXPERIMENTAL EMBRYOGENESIS AND HISTOGENESIS IN PINUS LAMBERTIANA ...Cell Injury and Autolysis; Growth Substances; Microscopic Spectrophotometry; Pinus Lambertiana; Plants; Reproductive Physiology; Spectrographic Techniques; ...5.0212

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS ...Absorption (incl. Adsorption); Calcium; Cellular Biosynthesis; Ion Transport and Elect. Pot.; Mineral Nutrition; Passive Transport, Diffusion; Radioactive Fallout-cf Fallout; Soil Temp. -non-specific; Zinc; ...5.0409

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Succession; Radiation Effects -see Rad.; Radioactive Contamination; Radioecology - Plants; Soil - Crop Relationships; Soil Environment -other; ...5.0422

RESPONSES OF PLANTS AND PLANT COMMUNITIES TO IONIZING RADIATION ...Acer Species; Carbohydrates; Festuca; Magnoliaceae; Radiation Sources -general; Radioactive Hazard; ...5.0652

THE CYCLING OF MICRONUTRIENTS IN GEOCHEMICAL AND BIOLOGICAL SYSTEMS ...Absorption (incl. Adsorption); Medicago; Mineralogical Water Properties; Soil Chemical Properties; Zinc; ...5.0868

Transpiration and Evap

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY IN CITRUS ...Air Pollution -see Specifics; Carbon; Citrus; Gossypium; Nitrogen Metabolism; Permeability; ...1.0321

PLANT GROWTH RESPONSES TO AIR POLLUTANTS ...Air Pollution -see Specifics; Growth; Herbicides and Other Chem; Metabolism; Sulfur Dioxide; ...1.0415

EFFECTS AND FATE OF AIR POLLUTANTS ...Absorption (incl. Adsorption); Carbon Monoxide; Growth; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Physiological Ecology; Sulfur Dioxide; ...1.0430

USE OF REACTOR COOLING WATER FROM NUCLEAR POWER PLANTS FOR IRRIGATION OF AGRICULTURAL CROPS ...Atomic Plants; Energy Conversion; High Temp. - 85f Or Above; Photosynthesis; Respiration; Soil Moisture; Thermal Pollution; ...2.0318

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Freezing & Below; Low Temp - But Above 32f; Pinus -nonspecific; Radioisotopes; Soil Moisture; Sprinkler Irrigation; ...2.1001

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Zea Mays - Field Corn; ...4.0144

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Ceracus & P. Avium; Soil Moisture; Translocation; Ulmaceae; ...4.0819

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; ...4.1075

ECOLOGICAL STUDIES OF RADIONUCLIDES IN ECOSYSTEMS AT NUCLEAR DETONATION SITES ...Hydrogen; Plant Ecology -nonspecific; Pollution Effects -see Water; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioecology - Plants; ...5.0008

Pathological Physiology

AIR POLLUTION TRAINING PROGRAM ...Air Pollution -see Specifics; Climates -general; Motivation and Instinct; Pesticide Action on Animals; Pesticides -nonspecific; Wildlife -nonspecific; ...1.0295

VARIABLE TOXIC RESPONSE AS A MEANS OF OBTAINING SMOG-RESISTANT PLANTS ...Growth; Herbicides and Other Chem; Plant Response to Env. -ns; Scophulariaceae; Smog; ...1.0314

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY - COTTON ...Aging; Air Pollution -see Specifics; Gossypium; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Nitrogen Metabolism; Plant Pathology - Env. Relat.; ...1.0322

ENVIRONMENT - AIR POLLUTION INTERACTIONS ON PLANTS ...Air Pollution -see Specifics; Herbicides and Other Chem; Moisture Deficiency; Plant Pathology - Env. Relat.; Plant Response to Env. -ns; Temperature - Air; ...1.0326

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Environmental Modification; Respiration; Toxic Substances; ...1.0333

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Cell Injury and Autolysis; Herbicides and Other Chem; Nicotiana; Phaseolus; Pollutant Resistance; ...1.0334

ACTION OF AIR POLLUTANTS ON PLANTS AND METHODS OF DAMAGE CONTROL ESPECIALLY THROUGH RESISTANCE ...Air Pollution -see Specifics; Cellular Biosynthesis; Ornamentals; Phaseolus; Pigments; Polygonaceae; ...1.0351

BREEDING, GENETICS AND DISEASE CONTROL OF ALL TOBACCO TYPES ...Air Pollution -see Specifics; Fungal Resistance; Nicotiana; Peronosporaceae; Temperature - Air; ...1.0353

PHYSIOLOGICAL RESPONSES OF PLANTS TO TOXIC AIR POLLUTANTS ...Adenosine Triphosphate; Enzymes; Lycopersicum; Mineral Nutrition; Pinus Nigra; Respiration; Vegetables; ...1.0365

OZONE AND VASCULAR TISSUE DIFFERENTIATION IN PLANTS ...Air Pollution -see Specifics; Herbicides and Other Chem; Mineral Nutrition; ...1.0375

AIR POLLUTION EFFECTS ON POWDERY MILDEW FUNGI ...Air Pollution -see Specifics; Cell Injury and Autolysis; Environmental Factors; Fungi -nonspecific; Pollutant Resistance; Sulfur Dioxide; ...1.0380

LOW CONCENTRATION-LONG TERM RESPONSES OF PLANTS TO POLLUTANT MIXTURES ...Air Pollution -see Specifics; Air Pollution Effects; Gases; Growth; Reproductive Physiology; Sulfur Dioxide; ...1.0402

CHEMISTRY OF NEMATODES AND NEMATOCIDES ...Invertebrate Physiology; Nematoda; Pesticide Degradation -see Deg; Soil Microbiology; ...4.0229

PRODUCTION AND QUALITY OF APPLES IN HIGH DENSITY PLANTINGS USING DWARFING ROOTSTOCKS ...B9; Fruit, Nut, and Berry Crops; Irrigation; Pesticide Phytotoxicity; Phytophthora; Pyrus Malus; ...4.0230

STAND ESTABLISHMENT AND SEEDLING DISEASE CONTROL ...Chloroneb; Gossypium; Growth; Pesticide Evaluation; Plant Pathogenetic Fungi; Planting Methods; Temperature - Air; ...4.0384

CRANBERRY DISEASES AND THEIR CONTROL ...Benlate; Ferbam; Guignardia; Maneb; Pesticide Application Rates; Pesticide Phytotoxicity; Swamps - Marshes; ...4.0402

RADIOMIMETIC EFFECT OF DRUGS AND FOOD ADDITIVES ...Allium; Antioxidants -nonspecific; Cell Injury and Autolysis; Chemical Mutagenesis; Insecticides -nonspecific; ...5.0033

Pigments

ACTION OF AIR POLLUTANTS ON PLANTS AND METHODS OF DAMAGE CONTROL ESPECIALLY THROUGH RESISTANCE ...Air Pollution -see Specifics; Cellular Biosynthesis; Ornamentals; Phaseolus; Polygonaceae; ...1.0351

A STUDY OF THE BIOCHEMICAL EFFECTS OF IONIZING AND NONIONZING RADIATION ON PLANT METABOLISM DURING DEVELOPMENT ...District of Columbia; Light; Plants; Radiation; Radiation Effects -see Rad.; ...5.0234

Plant Response to Env. -ns

VARIABLE TOXIC RESPONSE AS A MEANS OF OBTAINING SMOG-RESISTANT PLANTS ...Growth; Herbicides and Other Chem; Pathological Physiology; Scophulariaceae; Smog; ...1.0314

EFFECT OF AIR POLLUTANTS AND OF OTHER ENVIRONMENTAL FACTORS ON PLANT CELL AND TISSUE GROWTH ...Air Pollution -see Specifics; Cellular Biosynthesis; Growth; Nicotiana; ...1.0323

THE TOTAL EFFECT OF AIR POLLUTANTS ON BEARING CITRUS ...Air Pollution -see Specifics; California; Citrus; Fluorine; Fruit, Nut, and Berry Crops; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; ...1.0325

ENVIRONMENT - AIR POLLUTION INTERACTIONS ON PLANTS ...Air Pollution -see Specifics; Herbicides and Other Chem; Moisture Deficiency; Plant Pathology - Env. Relat.; Temperature - Air; ...1.0326

SURVEY OF AIRBORNE FLUORIDES IN GLACIER NATIONAL PARK AND EFFECTS ON VEGETATION AND WILDLIFE ...Air Pollution -see Specifics; Fluorine; Mammals -nonspecific; Plant Community Mapping; Pollution Effects -see Water; Rodentia -other; Wildlife -nonspecific; ...1.0363

EFFECTS OF AIR POLLUTION ON A FOREST ECOSYSTEM ...Forest Environment -general; Industrial Pollution -general; Mixed Forest; Plant Productivity -general; Plant Succession; Sulfur Dioxide; Zinc; ...1.0373

EFFECTS OF AIR POLLUTANTS ON PLANT SYSTEMS ...Absorption (incl. Adsorption); Aging; Climates -general; Growth; Humidity; Ornamentals; Respiration; ...1.0383

BIOCHEMISTRY OF OZONE INJURY TO PINES ...Air Pollution - see Specifics; Bioindicators; Forest Environment -general; Pinus Strobus; Pinus Taeda; ...1.0385

SURVEY OF PLANT RESPONSES TO AMBIENT POLLUTANTS ...Air Pollution -see Specifics; Air Pollution Effects; ...1.0390

STUDIES TO DEVELOP DIAGNOSTIC TECHNIQUES FOR EVALUATING INJURY TO VEGETATION ...Air Pollution -see Specifics; Glycine; Growth; Nicotiana; Respiration; ...1.0401

PLANT AIR POLLUTION STUDIES ON LOSSES, EFFECTS, AND CONTROL AND TECHNICAL ASSISTANCE ON PROBLEMS ...Air Pollution -see Specifics; Losses Due to Pollution; Moisture Deficiency; Pinus Strobus; Soil Chemical Properties; Temperature - Air; ...1.0408

BREEDING TREES RESISTANT TO AIR POLLUTANTS ...Air Pollution -see Specifics; Ornamentals; Pinus Sylvestris; Plant Resistance; Pollutant Resistance; Soil Environment -other; Sulfur Dioxide; ...1.0417

AIR POLLUTION EFFECTS ...Animal Life History Studies; Hamamelidaceae; Oleaceae; Pinus Nigra; Pinus Virginiana; Quercus; ...1.0419

EFFECTS AND FATE OF AIR POLLUTANTS ...Absorption (incl. Adsorption); Carbon Monoxide; Growth; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Physiological Ecology; Sulfur Dioxide; Transpiration and Evap; ...1.0430

EVALUATION OF THE DEGREE OF AIR POLLUTION BY PHOTOSYNTHETIC MEASUREMENT ...Air Pollution -see Specifics; Photosynthesis; ...1.0682

USE OF REACTOR COOLING WATER FROM NUCLEAR POWER PLANTS FOR IRRIGATION OF AGRICULTURAL CROPS ...Atomic Plants; Energy Conversion; High Temp. - 85f Or Above; Photosynthesis; Respiration; Soil Moisture; Thermal Pollution; ...2.0318

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution - see Specifics; Computer Methods -general; Energy Budgets; Metabolism and Biochemistry; Plant Competition; Plant Physiological Ecology; Temperature - Internal; Water Utilization - plant; ...2.1629

UTILIZATION OF FOOD PROCESSING PLANT EFFLUENTS AND THEIR EFFECTS ON SOILS AND CROPS ...Chemical Analysis (water); Food Processing Industries; Mineral Nutrition; Plant Waste Removal, Treatment; Soil Chemical Properties; ...3.0335

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Aging; Commelinaceae; Nucleic Acid Compounds; Radiation; Radiation Sensitivity -man; Somatic Mutation; Temperature - Air; ...5.0408

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES ...Albizzia; Cellular Metabolism - Controls; Growth; Nucleic Acid Compounds; Radiation; Temperature; X and Gamma Rays; ...5.0414

A STUDY OF FACTORS GOVERNING PLANT RADIOSENSITIVITY ...Chemical Mutagenesis; Physical Mutagenesis; Plants; Respiration; X and Gamma Rays; ...5.0733

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Cell Membrane Permeability; Chlorophyll; Electronic Components; Permeability; Physical Control; Potamogetonaceae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

Radiation Effects -see Rad.

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

RADIOECOLOGY OF DEBRIS RADIONUCLIDES AT INTERMEDIATE DISTANCES FROM NUCLEAR CRATERING EVENTS ...Contamination - Water; Plants; Radioactive Contamination; Radioactive Fallout-cf Fallout; Tungsten; Wildlife - nonspecific; ...5.0006

INFLUENCE OF SOIL HEATING ON THE GROWTH AND ELEMENTAL COMPOSITION OF BEAN PLANTS ...High Temp. - 85f Or Above; Mineral Nutrition; Organic Soils -see Soils; Plants; Radioactive Contamination; Soil Chemical Properties; ...5.0013

PHYSIOLOGICAL ECOLOGY STUDIES OF DESERT VEGETATION ...Cobalt; Plant Phenology; Plants; Radioecology - Plants; ...5.0014

DEVELOP TECHNIQUES FOR DECONTAMINATING SOILS POLLUTED WITH RADIOACTIVE MATERIALS OR HEAVY METALS ...Bioindicators; Lead; Mineral Nutrition; Radioactive Contamination; Soil Chemical Properties; Zea Mays - Field Corn; ...5.0041

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOCATIVE MATERIALS ...Absorption (incl. Adsorption); Ion Transport and Elect. Pot.; Plants; Radioactive Contamination; Soil Chemical Properties; Soil Tillage; X and Gamma Rays; ...5.0043

TISSUE CULTURE RESEARCH AND PLANS FOR ITS EXTENSION ...Californium; Cellular Repair Mechanisms; Ionic Effect; Plants; Radiation Effects - Biological; Radium; ...5.0056

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

EFFECTS OF AGING ON SOME ENERGY-LINKED FUNCTIONS OF PLANT MITOCHONDRIA ...Aging; Phaseolus; Radiation; Radiation, Lethal Dose; Seeds; ...5.0090

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Beta Particles; Lactuca; Pisum; Radioactive Fallout-cf Fallout; Strontium; Triticum; Zea Mays - Field Corn; ...5.0106

EFFECTS OF NUCLEAR TESTING ON VASCULAR PLANT AND RODENT POPULATIONS, NEVADA TEST SITE, NYE COUNTY, NEVADA ...Nevada; Plants; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Rodentia -other; X and Gamma Rays; Zygophyllaceae; ...5.0147

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Arid and Desert Regions; Clay Soils; Mineral Nutrition; Plants; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Soil Moisture; X and Gamma Rays; ...5.0159

BEHAVIOR OF CERTAIN SYNTHETIC CHELATING AGENTS IN BIOLOGICAL AND SOIL SYSTEMS ...Absorption (incl. Adsorption); Chelation & Complexing; Mineral Nutrition; Soil Chemical Properties; Translocation; ...5.0161

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; ...5.0162

EFFECTS OF FALLOUT ON AGRICULTURAL ECOSYSTEMS ...Pesticides -nonspecific; Plants; Radioactive Fallout-cf Fallout; Radioecology - Plants; ...5.0175

CHROMOSOME STRUCTURE AS REVEALED BY RADIATION STUDIES ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation; Radiation Sources -general; Vicia; ...5.0182

EFFECTS OF BETA AND GAMMA RADIATION ON DESERT VEGETATION ...Artemisia; Deserts, Arid Lands; Radioactive Fallout-cf Fallout; X and Gamma Rays; ...5.0183

EFFECTS OF RADIATION FROM NUCLEAR EXPLOSIONS ON NATURAL VEGETATION ...Geochemical Investigations; Nuclear Detonations; Radioactive Fallout-cf Fallout; Seismology; ...5.0203

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity, Atomic Bomb; Colorado; Grasslands; Ochotonidae; Plants; Radioactive Fallout-cf Fallout; Strontium; X and Gamma Rays; ...5.0211

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Leguminosae; Plant Phenology; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Tropical Regions; ...5.0218

A STUDY OF THE BIOCHEMICAL EFFECTS OF IONIZING AND NONIONZING RADIATION ON PLANT METABOLISM DURING DEVELOPMENT ...District of Columbia; Light; Plants; Radiation; ...5.0234

CORRELATIVE ACTION OF THE GAMMA-IRRADIATED LEAF ON ROOT INITIATION IN COLEUS ...Grafting & Other Nonsex Prop; Growth Substances; Labiatae; Nitrogen and Nitrogen Cpds.; Nucleic Acid Compounds; X and Gamma Rays; ...5.0277

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Neutron -see Radiation; Plants; Seeds; ...5.0319

EFFECTS OF GAMMA-IRRADIATION ON DNA TRANSCRIPTION AND RNA TRANSLATION IN PLANTS ...Cell Injury and Autolysis; Chenopodiaceae; Nitrogen Metabolism; Plants; ...5.0322

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - I. MECHANISMS OF RADIATION DAMAGE IN PLANT CELLS ...Cell Injury and Autolysis; Growth Substances; Hordeum Vulgare; Phaseolus; Plants; Radiation; X and Gamma Rays; ...5.0356

THE WRITING OF A CRITICAL CREATIVE REVIEW ON THE TOPIC, RADIATION SENSITIVITY OF PLANT MERISTEMS ...Plants; Radiation; Radiation Sensitivity -man; Radiation Sources -general; ...5.0395

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Aging; Commelinaceae; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Radiation Sensitivity -man; Somatic Mutation; Temperature - Air; ...5.0408

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES ...Albizzia; Cellular Metabolism - Controls; Growth; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Temperature; X and Gamma Rays; ...5.0414

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Succession; Radioactive Contamination; Radioecology - Plants; Soil - Crop Relationships; Soil Environment -other; Translocation; ...5.0422

CELLULAR PARAMETERS OF RADIOSENSITIVITY ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Plants; Radiation Sensitivity -man; Vicia; X and Gamma Rays; ...5.0504

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Neutron -see Radiation; Plants; Seeds; ...5.0532

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS (ABBREV) ...Arabidopsis; Fast Neutrons; Physical Mutagenesis; Zea Mays - Field Corn; ...5.0533

RADIATION CYTOGENETICS OF HIGHER PLANTS ...Arabidopsis; Growth; Neutron -see Radiation; Protons; Somatic Mutation; Zea Mays - Field Corn; ...5.0534

RESPONSE OF PLANTS TO DECAYING RADIATION ...Plants; Radioactive Fallout-cf Fallout; ...5.0535

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Growth; Plants; Plants - Monocotyledons; Radiation Sensitivity -man; Reproductive Physiology; X and Gamma Rays; ...5.0536

RADIATION RECOVERY MECHANISMS OF G1 AND G2 CELLS IN THE MITOTIC CYCLE OF PISUM ROOT MERISTEMS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Growth; Nucleic Acid Compounds; Plants; Radioisotopes -nonspecific; ...5.0538

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Beta Particles; Plant Biomes; Plant Succession; Radiation Sensitivity -man; Radioecology - Plants; Soil Microbiology; Wisconsin; ...5.0542

RECOVERY OF A PINE FOREST FOLLOWING EXPOSURE TO IONIZING RADIATION ...Beta Particles; Dominant Organisms; Pinus Taeda; Radioecology - Plants; ...5.0543

RECOVERY OF A TROPICAL RAIN FOREST FOLLOWING EXPOSURE TO GAMMA RADIATON ...Dominant Organisms; Moraceae; Plants; Radiation Resistance; Rain Forests; Soil Cover Crops; X and Gamma Rays; ...5.0544

RECOVERY OF A NATURAL PLANT COMMUNITY FOLLOWING EXPOSURE TO BETA RADIATION FROM SIMULATED FALLOUT PARTICLES ...Compositae; Plant Ecology -nonspecific; Plants; Radioactive Fallout-cf Fallout; Range Or Territorial Distr.; Seeds; ...5.0545

GENETIC EFFECTS OF ACUTE BETA IRRADIATION FROM SIMULATED FALLOUT PARTICLES UPON NATURAL POPULATIONS OF VIGUIERA PORTERI ...Beta Particles; Compositae; Plants; Seeds; ...5.0546

THE NATURE OF RADIATION SENSITIVITY IN PINES ...Literature Search; Pinus -nonspecific; Plants; Radioactive Fallout-cf Fallout; X and Gamma Rays; ...5.0547

EFFECTS OF GAMMA RADIATION ON HERBACEOUS SPECIES IN A NORTHERN HARDWOOD FOREST ...Aster; Deciduous Forests; Plant Ecology -nonspecific; Radioecology - Plants; X and Gamma Rays; ...5.0548

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Neutron -see Radiation; Plants; Seeds; ...5.0601

EFFECTIVENESS AND EFFICIENCY OF PHYSICAL AND CHEMICAL MUTAGENS ...Chemical Mutagenesis; Hordeum Vulgare; Neutron -see Radiation; Physical Mutagenesis; Temperature - Air; ...5.0613

THE RESPONSE OF HIGHER PLANTS TO ULTRAVIOLET LIGHT AND OTHER STRESS FACTORS ...Alpine Regions; Cold Resistance and Hardiness; Light and Sun Resistance; Plants; Radiation Sources -general; Temperature - Air; ...5.0717

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Neutron -see Radiation; Plants; Seeds; ...5.0731

THE NATURE, INDUCTION AND REPAIR OF RADIATION-INDUCED GENETIC DAMAGE IN PLANTS ...Chlorophyll; Enzymes; Growth Substances; Hordeum Vulgare; Physical Mutagenesis; Plants; Respiration; ...5.0732

A STUDY OF FACTORS GOVERNING PLANT RADIOSENSITIVITY ...Chemical Mutagenesis; Physical Mutagenesis; Plants; Respiration; X and Gamma Rays; ...5.0733

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Mammals -nonspecific; Microorganisms; Picea; Plants; Populus; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0769

RELATIONSHIP OF PLOIDY, CHROMOSOME SIZE AND RADIOSENSITIVITY ...Cell Injury and Autolysis; Cobalt; Neutron -see Radiation; Pollens -see Air Pollution; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0899

Reproductive Physiology

LOW CONCENTRATION-LONG TERM RESPONSES OF PLANTS TO POLLUTANT MIXTURES ...Air Pollution -see Specifics; Air Pollution Effects; Gases; Growth; Pathological Physiology; Sulfur Dioxide; ...1.0402

EFFECT OF VARIOUS GASEOUS CONTAMINANTS OF THE ATMOSPHERE ON PLANT GROWTH AND BEHAVIOR ...Carbon Disulfide; Enzymes; Growth; Industrial Pollution -general; Pollutant Resistance; Respiration; ...1.0420

IMPACT OF AIR POLLUTANTS ON ECOSYSTEMS ...Air Pollution; Air Pollution -see Specifics; Air Pollution Monitoring; Bioindicators; Fumigants -nonspecific; Great Salt Lake; Plant Succession; ...1.0429

GROWTH SUPPRESSION AND REDUCTION IN REGROWTH POTENTIAL OF AQUATIC WEEDS ...Acrolein; Najadaceae; Pesticide Application Rates; Plant Pollutants; Potamogetonaceae; Submerged Plants; ...2.0071

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Simazine; Trifluralin; ...4.0230

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis; Temperature - Air; Turf; ...4.0389

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Temperature - Air; Vegetables; ...4.0500

EXPERIMENTAL EMBRYOGENESIS AND HISTOGENESIS IN PINUS LAMBERTIANA ...Cell Injury and Autolysis; Growth Substances; Microscopic Spectrophotometry; Pinus Lambertiana; Plants; Spectrographic Techniques; Translocation; ...5.0212

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Growth; Plants; Plants - Monocotyledons; Radiation Effects -see Rad., Radiation Sensitivity -man; X and Gamma Rays; ...5.0536

RECOVERY OF A NATURAL PLANT COMMUNITY FOLLOWING EXPOSURE TO BETA RADIATION FROM SIMULATED FALLOUT PARTICLES ...Compositae; Plant Ecology -nonspecific; Plants; Radioactive Fallout-cf Fallout; Range Or Territorial Distr.; Seeds; ...5.0545

EFFECTS OF GAMMA RADIATION ON HERBACEOUS SPECIES IN A NORTHERN HARDWOOD FOREST ...Aster; Deciduous Forests; Plant Ecology -nonspecific; Radiation Effects -see Rad.; Radioecology - Plants; X and Gamma Rays; ...5.0548

THE ROLE OF LIGHT AND TEMPERATURE IN THE GROWTH AND DEVELOPMENT OF PLANTS ...Cold Resistance and Hardiness; Growth; Humidity; Plant Growth Regulators -ns.; Temperature - Air; X and Gamma Rays; ...5.0682

Seeds

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

PHYSIOLOGY AND CONTROL OF WITCHWEED IN CORN ...Environment Accumulation Rates; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0158

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Gossypium; Herbicides and Other Chem; Malvaceae; Pesticide Formulation; Prometryne; Respiration; ...4.0190

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Air Pollution -see Specifics; Herbicides -nonspecific; Pesticide Action on Plants; Plant Physiological Ecology; ...4.0224

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cassia; Cotoran; Foliar Absorption; Leaf Analysis; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; Root Absorption; ...4.1018

EFFECTS OF AGING ON SOME ENERGY-LINKED FUNCTIONS OF PLANT MITOCHONDRIA ...Aging; Phaseolus; Radiation; Radiation Effects -see Rad., Radiation, Lethal Dose; ...5.0090

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Neutron -see Radiation; Plants; Radiation Effects -see Rad.; ...5.0319

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Neutron -see Radiation; Plants; Radiation Effects -see Rad.; ...5.0532

RECOVERY OF A NATURAL PLANT COMMUNITY FOLLOWING EXPOSURE TO BETA RADIATION FROM SIMULATED FALLOUT PARTICLES ...Compositae; Plant Ecology -nonspecific; Plants; Radioactive Fallout-cf Fallout; Range Or Territorial Distr.; ...5.0545

GENETIC EFFECTS OF ACUTE BETA IRRADIATION FROM SIMULATED FALLOUT PARTICLES UPON NATURAL POPULATIONS OF VIGUIERA PORTERI ...Beta Particles; Compositae; Plants; Radiation Effects -see Rad.; ...5.0546

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Neutron -see Radiation; Plants; Radiation Effects -see Rad.; ...5.0601

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Neutron -see Radiation; Plants; Radiation Effects -see Rad.; ...5.0731

A STUDY OF FACTORS GOVERNING PLANT RADIOSENSITIVITY ...Chemical Mutagenesis; Physical Mutagenesis; Plants; Respiration; X and Gamma Rays; ...5.0733

Plant Population Dynamics -gen

CHANGING VEGETATION AND ATMOSPHERIC POLLEN ...Air Pollution -see Specifics; Economics of Natural Resources; Lakes; Plant Competition; Pollen -see Pollen; Rural Areas; Urban Environment; Wind -see Air Motion; ...1.0076

PLANKTON COMMUNITY ECOLOGY IN NORTHERN CALIFORNIA LAKES ...Benthic Organisms -nonspecific; Energy Budgets; Forest Watersheds; Lower Plants; Nutrients; Water Bacteria; Zooplankton; ...2.0033

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Management (water); Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Urban Environment; Water Balance - Budget; ...2.0108

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Scuba; Water Pollutant Identification; ...2.0178

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Algae -nonspecific; Aquatic Soils; Ecological Effects; Eutrophication; Hydrocharitaceae; Phytoplankton; Plant Succession; Potamogetonaceae; ...2.0266

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Animal Productivity; Chemical Water Properties; Eutrophication; Fish; Nutrients; Phytoplankton; Primary Productivity - Plants; Zooplankton; ...2.0363

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Copepoda; Eutrophication; Nutrients; Phytoplankton; Puget Sound; Tides; Wind; ...2.0423

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Brazil; Florida; Marine Plants; Plant Distribution; Protozoa; Taxonomy -plant; Water Quality -general; ...2.0542

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Effluents - Waste Water; Lake Stages; Lower Plants; Nutrients; Phytoplankton; Plant Productivity -general; Tertiary Treatment; ...2.0641

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic

Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

THE RELATION OF ESTUARINE ALGAE TO WATER QUALITY ...Algae -nonspecific; Aquatic Distribution; Estuaries; North Carolina; Plankton Sampling; Range Or Territorial Distr., ...2.0709

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Data Reduction and Analysis; Management (water); Oregon; Plant Freshwater Ecology; Survey Studies (water); Water Quality -general; Watersheds; ...2.0744

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Bacterial Pollutant Sources; Benthic Flora; Chemical Water Properties; Marine Bacteria; Marine Environments; Marine Plants; Water Analysis; ...2.0767

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Chemical Water Properties; Contamination - Water; Growth; Periphyton; Physiological Effects; Plant Habitat Studies; Sewage; Water Pollutant Identification; Water Pollution Sources; ...2.0778

DEVELOPMENT OF A METHOD FOR CHRONIC TOXICITY BIOASSAY USING MARINE PLANKTONIC ALGAE ...Algae -nonspecific; Bioassays; Lower Plants; Water Pollutant Identification; ...2.0788

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algae -nonspecific; Algal Physiology; Contamination - Water; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Plant Physiological Ecology; Plant Species Diversity; Seasonal Distribution; Wisconsin; ...2.0853

HYDROLOGY OF CACHUMA RESERVOIR ...Aeration (water); California; Oxygen Content (water); Soil Tillage; Taste & Odor of Water; Water Quality -general; Water Utilization -domestic; ...2.0878

FACTORS INFLUENCING THE PRODUCTION OF PLANKTONIC AND BENTHIC PLANTS ...Algal Physiology; Chemical Water Properties; Effluents - Waste Water; Nutrients; Optical Properties of Water; Phytoplankton; Plant Succession; Water Pollution Sources; ...2.1473

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1575

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

ANNUAL WEED CONTROL IN ROW CROPS ...Alachlor; Chenopodiaceae; Liquids Or Sprays; Pesticide Persistance in Soils; Tenoran; Vegetables; ...4.0104

SOIL INVERTEBRATES INFLUENCE ON CORN RESIDUES ...Arthropods; Minimum Tillage; Pesticide Persistance in Soils; Planting Methods; Population Dynamics -general; Soil Microbiology; ...4.0108

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Carbon; Chemical Analysis; Growth Substances; Metabolism of Algacides; Pesticide Degradation -see Deg; Plant Growth Regulators -ns.; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Benlate; Fungal Physiology; Granules, Capsules; Irrigation; Pesticide Phytotoxicity; Thimet; Western U. S.; ...4.0243

ECOLOGICAL RECORDS ON ELGIN AFB RESERVATION ...Bactericides -nonspecific; Florida; Liquids Or Sprays; Pesticide Application Equip.; Plant Biomes; ...4.0269

CHEMICAL CONTROL OF SOIL FUNGI, NEMATODES, AND WEEDS AFFECTING WATERMELONS ...Citrullus; Fumigants - nonspecific; Nematoda; Pesticide Evaluation; Pesticides -other; Pythium; Soil Fungi -nonspecific; ...4.0280

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum - other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Azodrin; Dusts; Gc 6506; Granules, Capsules; Hercules 13462; Methomyl; Pesticide Phytotoxicity; ...4.0383

STAND ESTABLISHMENT AND SEEDLING DISEASE CONTROL ...Chloroneb; Gossypium; Growth; Pesticide Evaluation; Plant Pathogenetic Fungi; Planting Methods; Temperature - Air; ...4.0384

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Terr-o-cide; Vorlex; ...4.0431

ENVIRONMENTAL BIOLOGY - EFFECTS OF IONIZING RADIATION ON TERRESTRIAL ECOSYSTEMS ...Eastern U. S.; Ionizing Radiation -see Rad.; Plant Succession; Radiation Resistance; ...5.0539

TERRESTRIAL PLANT ECOLOGY ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Phenology; Plant Succession; Soil Minerals -natural; Soil Water Plant Relationships; ...5.0752

Plant Productivity -general

EFFECTS OF AIR POLLUTION ON A FOREST ECOSYSTEM ...Forest Environment -general; Industrial Pollution -general; Mixed Forest; Plant Response to Env. -ns; Plant Succession; Sulfur Dioxide; Zinc; ...1.0373

DYNAMICS OF THE NITROGEN CYCLE IN LAKES ...Algal Physiology; Analysis and Detection; Denitrification -see Nitrogen; Eutrophication; Hydrogen; Nitrogen and Nitrogen Cpds.; Nitrogen Cycle -see Denitrif.; Sub - Polar Regions; ...2.0009

EUTROPHICATION OF PONDS IN SOME NEW MEXICO LAVA BEDS ...Eutrophication; New Mexico; Petrology; Ponds; Primary Productivity - Plants; ...2.0059

ALGAL GROWTH POTENTIAL OF ILLINOIS WATERS ...Algae -nonspecific; Illinois; Water Pollutant Identification; Water Quality -general; ...2.0128

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Bacterial Morphology; Chemical Reactions; Lagoons; Marine Biology - General; Marine Fouling; Marine Pollution; Thiorhodaceae; ...2.0188

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Animal Productivity; Density; Dystrophic Lakes; Nutrients; Organic Water Properties; Phosphorus and Phosphorus Cpds; Stratification (water); ...2.0195

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Algal Physiology; Eutrophic Lakes; Mineral Nutrition; Organic Water Properties; Photosynthesis; Plant Epiphytic Relationships; Submerged Plants; ...2.0198

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; Water Depth, Water Levels; ...2.0205

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Evaporation; Montana; Oxygen Content (water); Phytoplankton; Productivity of Freshwater; Stratification (water); Wyoming; ...2.0233

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Algal Physiology; Environmental Influences; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Phytoplankton; Temperature (water); ...2.0263

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Coastal Engineering -general; Eutrophic Lakes; Eutrophication; General Recreation Studies; New York; Turbidity (water); Waves -see Ocean Waves; ...2.0271

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

ECOLOGY OF WESTERN GULF ESTUARIES ...Animal Habitat Studies; Animal Productivity; Dredging; Estuaries; Management (water); Marine Biology - General; Physical Effects; ...2.0384

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Copepoda; Eutrophication; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Puget Sound; Tides; Wind; ...2.0423

EVALUATION OF WETLAND IMPOUNDMENTS ON STATE-OWNED WILDLIFE AREAS ...Amphibious Plants; Demand and Use -recreation; Management (water); Recreation, Water Resources; Submerged Plants; Water Depth, Water Levels; Wetlands; Wildlife -nonspecific; ...2.0435

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Animal Productivity; Aquatic Plants -nonspecific; Glaciology; Mineralogical Water Properties; Nutrients; Sub - Polar Regions; Wild Rivers; ...2.0472

ULTRAVIOLET ABSORPTION IN COASTAL WATERS ...Algae - nonspecific; California; Coastlines - Shorelines; Organic Matter; Ultra Violet Radiation; ...2.0493

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Em Radiation; Marine Biology - General; Monolayers; Polarimetry; Reflectance; Survey Studies (water); Water Pollutant Identification; ...2.0499

GEOSECS RADIOCARBON AND TRITIUM MEASUREMENTS ...Animal Productivity; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Sea Water Chemistry; Sea Water Sampling; ...2.0548

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Gases; Marine Biology - General; Marine Environments; Mass Spectroscopy; Ocean; Organic Water Properties; Particle - Gas Transfer; Radioactivity; Waste Management -see Specific; ...2.0564

GEOSECS - PREPARATIONS R/V KNORR, CONSTRUCTION GEOSECS BUILDING, PROVISION SHIPBOARD EQUIPMENT, AND THE GEOSECS SUMMER INSTITUTES ...Animal Productivity; Marine Biology - General; Marine Pollution; Ocean Mixing; Research Facilities; Sea Water Properties; Ships and Cruises; ...2.0621

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Effluents - Waste Water; Lake Stages; Lower Plants; Nutrients; Phytoplankton; Tertiary Treatment; ...2.0641

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

DETECTION OF NUTRIENT LIMITATIONS OF ALGAL GROWTH IN SURFACE WATERS ...Algae -nonspecific; Algal Physiology; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; ...2.0765

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Sewage; ...2.0848

GEOSECS - C14 FACILITY AND ANALYSIS OF OCEAN WATER SAMPLES ...Animal Productivity; Carbon; Marine Biology - General; Radioactivity; ...2.0849

LIMNOLOGY--NUTRIENT-BIOTIC RELATIONSHIPS IN THE UPLAKE REGION OF BEAVER RESERVOIR ...Animal Productivity; Benthic Organisms -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plankton; Reservoirs and Impoundments; Water Properties -general; ...2.0961

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Freezing & Below; Low Temp. - But Above 32f; Pinus -nonspecific; Radioisotopes; Soil Moisture; Sprinkler Irrigation; Transpiration and Evap; ...2.1001

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity; Cellular Catabolism-see Degrad; Estuaries; Microorganisms -nonspecific; Plankton; Ponds; Primary Productivity - Plants; Water Pollution Sources; ...2.1069

RESEARCH INITIATION - LAKE POLLUTION BY INTERNALLY PRODUCED ORGANICS ...Algae -nonspecific; Cellular Catabolism-see Degrad; Organic Matter; Waste Water Treatment -general; ...2.1320

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Aquatic Plants -nonspecific; Fish; Fishing; Pollution Effects -see Water; Recreation, Water Resources; Spawn Or Nesting Sites; Water Pollution Effects; ...2.1471

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

SECONDARY PRODUCTION IN RUNNING-WATER ECOSYSTEMS ...Animal Habitat Studies; Animal Productivity; Bottom Sampling; Ecological Effects; Management (water); ...2.1601

RECOVERY FROM ACID POLLUTION IN FOUR STRIP-MINE LAKES ...Acid Mine Drainage; Animal Productivity; Biological Water Properties; Energy Budgets; Lake Stages; Physical Water Properties; Primary Productivity - Plants; Strip Mines; ...2.1617

WATER QUALITY SURVEYS ...Animal Productivity; Missouri River Basins; Water Pollution Effects; Water Quality -general; ...2.1622

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution - see Specifics; Computer Methods -general; Energy Budgets; Metabolism and Biochemistry; Plant Competition; Plant Physiological Ecology; Plant Response to Env. -ns; Temperature - Internal; Water Utilization -plant; ...2.1629

AN INVESTIGATION OF THE WATER QUALITY AND PRODUCTIVITY OF POLSON BAY, FLATHEAD LAKE, MONTANA ...Animal Productivity; Bays; Lakes; Montana; Water Quality -general; Water Utilization -domestic; ...2.1632

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

MARINE FISHERIES - ESTUARINE ALGAL COMMUNITIES ...Animal Interrelationships -gen; Commercial Fishing; Estuaries; Marine Plants; Salinity (water); Training Grants, Fellowships; Water Standards & Baselines; ...2.1682

SYSTEMS ECOLOGY ...Animal Predation; Computer Methods - general; Energy Budgets; Environmental Ecology; Plant Ecology - nonspecific; Radioactive Pollution -ns; Reactor Sites & Rad Waste; Systems Analysis; ...5.0074

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

Plant Residues, Humus, Compost

FIELD BURNING AIR POLLUTION ABATEMENT INVESTIGATIONS ...Air Pollution -see Specifics; General Sanitation Methods; Herbicides -nonspecific; Planting Methods; Temperature - Air; ...1.0623

RELATION OF AGRICULTURAL PRACTICES AND NATURAL VEGETATION TO NUTRIENT CONTENT OF WATERS ...Agricultural Runoff; Management (water); Rainfall Simulators; Water Pollutants - Path of; ...2.0209

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis, Soil Organic Content; Tillage, Cropping Systems; Waste Water Treatment - general; Water Pollution Effects; ...2.1665

CONSERVATION OF RESOURCES IN MUNICIPAL WASTES ...Bromacil; Cotoran; Pennisetum; Soil - Crop Relationships; Soil Cover Crops; Trifluralin; ...3.0046

WASTE COMPOSTS AS CHELATING AGENTS IN PLANT NUTRITION ...Absorption (incl. Adsorption); Chromatography; Mineral Nutrition; Soil - Crop Relationships; Waste Disposal on Soils; Zinc; ...3.0091

CROP RESIDUE DISPOSAL ...Gossypium; Loam -see Soil Types; Plant Waste Removal, Treatment; Planting Methods; Sandy Soils - see Soil Type; Soil Depth; Soil Types -also See Specifics; ...3.0199

DEVELOPMENT OF EQUIPMENT AND TECHNIQUES FOR CROP RESIDUES ...Gossypium; Loam -see Soil Types; Population Dynamics -general; Soil Moisture; Soil Tillage; Waste Disposal on Soils; ...3.0201

CELLULOSE DEGRADATION IN COMPOSTING ...Soil Environment -other; Soil Microbiology; Soil Organic Content; Urban Environment; Waste Disposal on Soils; ...3.0229

ANIMAL WASTE COMPOSTING WITH CARBONACEOUS MATERIAL ...Farm Animal Wastes; Mineral Nutrition; Panicum -other; Soil Amendments; Triticum; Waste Disposal on Soils; ...3.0252

UTILIZATION OF AGRICULTURAL WASTES IN CROP PRODUCTION ...Agaricus; Farm Animal Wastes; Gramineae - other; Mineral Nutrition; Pseudotsuga; Zea Mays - Field Corn; ...3.0294

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

BARK RESIDUES AS SOIL CONDITIONER ...Lycopersicum; Ornamentals; Plant Waste Removal, Treatment; Soil Amendments; Soil Compaction Or Density; Vegetables; ...3.0375

SOIL PRODUCTIVITY AS AFFECTED BY MICROBIAL ACTIVITY IN CROP RESIDUES AND ANIMAL WASTES ...Bioindicators, Patulin; Soil Chemical Properties; Soil Microbiology; Soil Temp. -non-specific; Stubble Mulching; Triticum; ...3.0389

SOIL INVERTEBRATES INFLUENCE ON CORN RESIDUES ...Arthropods; Minimum Tillage; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Planting Methods; Population Dynamics -general; Soil Microbiology; ...4.0108

DISPOSITION OF PESTICIDES IN THE SOIL ...Avena Sativa; Granules, Capsules; Medicago; Soil Microbiology; Yeasts -non-specific; ...4.0178

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

FERTILITY OF FOREST NURSERY SOILS ...Aluminum; Cold Resistance; Forest Pathology; Maneb; Pesticide Phytotoxicity; Soil Cover Crops; ...4.0517

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Fomes; Helminthosporium; Pesticide Evaluation; Pythium; Rhizosphere; Soil Microbiology; Soil pH; ...4.0923

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC. IN SOILS ...Antibiotics -nonspecific; Benzoic Acid Cpds.; Herbicides -nonspecific; Loam -see Soil Types; Microorganisms -nonspecific; Nitrosomonas -nonspecific; Pesticide Persistance in Soils; Soil Microbiology; ...4.1051

CHARACTERISTICS OF HANFORD PROJECT SOILS ...Arid and Desert Regions; Disease Resistance; Microorganisms -nonspecific; Reactor Sites & Rad Waste; Soil Amendments; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; ...5.0085

Plant Resistance

ENVIRONMENT - AIR POLLUTION INTERACTIONS ON PLANTS ...Air Pollution -see Specifics; Herbicides and Other Chem; Moisture Deficiency; Plant Pathology - Env. Relat.; Plant Response to Env. -ns; Temperature - Air; ...1.0326

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Environmental Modification; Pathological Physiology; Respiration; Toxic Substances; ...1.0333

SIGNIFICANCE OF ARTHROBACTER IN ECOLOGY OF WATER AND SOIL ...Arthrobacter; Cellular Catabolism-see Degrad; Dominant Organisms; Moisture; Soil Ecology; Soil Microbiology; Water Bacteria; ...2.1136

NEW MICROBIAL INDICATOR OF WASTEWATER CHLORINATION EFFICIENCY ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Chlorine; Coliforms -nonspecific, Intestinal Bacteria; Sewage - Domestic; Water Pollutant Identification; ...2.1258

THE RESPONSE OF HIGHER PLANTS TO ULTRAVIOLET LIGHT AND OTHER STRESS FACTORS ...Alpine Regions; Cold Resistance and Hardiness; Light and Sun Resistance; Plants; Radiation Sources -general; Temperature - Air; ...5.0717

Bacterial Resistance

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Chemical Analysis; Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

THE CONTROL OF TOBACCO DISEASES BY CULTURAL PRACTICES AND CHEMICALS ...Alternaria; Dd; Fungal Resistance; Nematoda; Peronosporaceae; Phytophthora; ...4.1090

Cold Resistance

PRODUCTION PRACTICES FOR FRUITS ...Air Pollution -see Specifics; Fruit, Nut, and Berry Crops; Indiana; Prunus Persica; Temperature - Air; ...1.0054

INVESTIGATIONS WITH ORNAMENTAL PLANTS ...Climates - general; Dichlobenil; Kansas; Ornamentals; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0322

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic, D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis, Reproductive Physiology; Temperature - Air; Turf; ...4.0389

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

FERTILITY OF FOREST NURSERY SOILS ...Aluminum; Forest Pathology; Maneb; Pesticide Phytotoxicity; Plant Residues, Humus, Compost; Soil Cover Crops; ...4.0517

CHEMICAL CONTROL OF PERENNIAL BROADLEAVED WEEDS IN ALFALFA ...Atrazine; Caryophyllaceae; Cruciferae; Medicago; Pesticide Residues; Terbacil; ...4.0520

THE RESPONSE OF HIGHER PLANTS TO ULTRAVIOLET LIGHT AND OTHER STRESS FACTORS ...Alpine Regions; Cold Resistance and Hardiness; Light and Sun Resistance; Plants; Radiation Sources -general; Temperature - Air; ...5.0717

Disease Resistance

SHADE TREE IMPROVEMENT THROUGH BREEDING AND SELECTION ...Air Pollution -see Specifics; Contamination - Soil; Ornamentals; Radioisotopes -nonspecific; Virus Resistance; ...1.0413

SUGAR BEET VARIETAL AND HERBICIDE INVESTIGATIONS ...Chenopodiaceae; Herbicides -nonspecific; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Evaluation; Pesticide Residues; Sorghum; ...4.0313

GRAIN SORGHUM VARIETAL EXPERIMENTS ...Drought Resistance; Insecticides -nonspecific; Pesticide Phytotoxicity; Sorghum; Wildlife -nonspecific; ...4.0446

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

CHARACTERISTICS OF HANFORD PROJECT SOILS ...Arid and Desert Regions; Microorganisms -nonspecific; Reactor Sites & Rad Waste; Soil Amendments; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; ...5.0085

Drought Resistance

IMPROVEMENT OF CEREAL GRAINS UNDER IRRIGATION ...Avena Sativa; Heat Resistance; Irrigation; Moisture Deficiency; Soils; Triticum; Waste Disposal on Soils; ...3.0047

GRAIN SORGHUM VARIETAL EXPERIMENTS ...Disease Resistance; Insecticides -nonspecific; Pesticide Phytotoxicity; Sorghum; Wildlife -nonspecific; ...4.0446

FERTILITY OF FOREST NURSERY SOILS ...Aluminum; Cold Resistance; Forest Pathology; Maneb; Pesticide Phytotoxicity; Plant Residues, Humus, Compost; Soil Cover Crops; ...4.0517

Fungal Resistance

BIOLOGY AND CONTROL OF DISEASES OF CONIFER FORESTS OF CALIFORNIA AND HARDWOOD FORESTS OF HAWAII ...Elevation Levels, Altitude; Fomes; Forest Pathology; Loranthaceae; Pinus Ponderosa; Smog; ...1.0308

BREEDING, GENETICS AND DISEASE CONTROL OF ALL TOBACCO TYPES ...Air Pollution -see Specifics; Nicotiana; Peronosporaceae; Temperature - Air; ...1.0353

VEGETABLE CROPS IMPROVEMENT THROUGH BREEDING ...Allium; Daucus Species; Fusarium; Phosphorus and Phosphorus Cpds; Vegetables; ...1.0435

CONTROLS FOR MAJOR COTTON DISEASES IN SOUTHEASTERN U. S. INCLUDING RESISTANCE ...Fusarium; Herbicides -nonspecific; Nematode Resistance; Pesticide Phytotoxicity; Verticillium; ...4.0208

DUTCH ELM DISEASE ...Benlate; Biological Control; Ornamentals; Pesticide Evaluation; Pesticide Residues; ...4.0358

INVESTIGATIONS OF MINT DISEASES ...Benlate; Fumigants -nonspecific; Labiatae; Pesticide Evaluation; Solanum; Verticillium; ...4.0359

NON-TOXIC OIL SPRAYS TO CONTROL LEAF DISEASES OF CROPS ...Chenopodiaceae; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Septoria; ...4.0367

IMPROVEMENT OF OIL SEED CROPS THROUGH THE DEVELOPMENT OF SUPERIOR VARIETIES AND CULTURAL METHODS ...Alternaria; Helianthus; Irrigation; Linaceae; Pesticide Application Rates; Planting Methods; ...4.0394

HERBICIDES FOR VEGETABLES ...Allium; Cucumis Sativus; Pesticide Evaluation; Plant Resistance; Soil Environment -other; Tok; Virus Resistance; ...4.0420

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Pyrus Malus; Streptomycin; ...4.0426

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Nematoda; Pesticide Evaluation, Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

IMPROVEMENT OF YIELD AND QUALITY OF HOPS ...Fruit, Nut, and Berry Crops; Moraceae; Pesticide Evaluation, Pesticide Residues; Storage Changes; Thimet; Verticillium; ...4.0454

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

THE CONTROL OF TOBACCO DISEASES PY CULTURAL PRACTICES AND CHEMICALS ...Alternaria; Dd; Nematoda; Peronosporaceae; Phytophthora; ...4.1090

A CYTOLOGICAL STUDY OF RADIATION INDUCED ALTERATIONS IN CYTOPLASMIC FACTORS CONTROLLING MALE STERILITY IN CORN ...Crotalaria; Helminthosporium; Plants; Solanaceae; X and Gamma Rays; ...5.0245

Heat Resistance

BREEDING, GENETICS AND DISEASE CONTROL OF ALL TOBACCO TYPES ...Air Pollution -see Specifics; Fungal Resistance; Nicotiana; Peronosporaceae; Temperature - Air; ...1.0353

IMPROVEMENT OF CEREAL GRAINS UNDER IRRIGATION ...Avena Sativa; Irrigation; Moisture Deficiency; Soils; Triticum; Waste Disposal on Soils; ...3.0047

Insect Resistance

BIONOMICS OF THE CEREAL LEAF BEETLE ...Aliphatic Carbamates; Furadan; Pesticide Evaluation; Thimet; Triticum; ...4.0434

INTEGRATED CONTROL OF INSECT AND MITE PESTS OF APPLE ORCHARDS ...Arachnida; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0441

GRAIN SORGHUM VARIETAL EXPERIMENTS ...Disease Resistance; Drought Resistance; Insecticides -nonspecific; Pesticide Phytotoxicity; Sorghum; Wildlife -nonspecific; ...4.0446

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Baytex, Dursban; Imidan; Mca-600; Pesticide Evaluation; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.0602

RESIDUES IN MILK FROM COWS FED INSECTICIDE-CONTAMINATED FORAGE ...Bos; Pesticide Action on Animals; Pesticide Residues; Phosphorothioate Cpds.; ...4.0603

BIONOMICS AND CONTROL OF INSECT PESTS AFFECTING SMALL FRUITS ...Domestic Animals; Guthion; Low Volume; Methomyl; Pesticide Evaluation; Vitaceae; ...4.0673

CONTROL OF INSECT PESTS OF VEGETABLES BY INSECTICIDES AND PLANT RESISTANCE ...Animal Resistance; Chlordan; Pesticide Evaluation; Solanum; Thimet; ...4.0684

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPP. IN COTTON ...Bacillus Thuringiensis; Biological Control; DDT; Population Dynamics -general; Toxaphene; ...4.0689

BIOLOGY AND CONTROL OF ARTHROPODS ON SOYBEANS ...Aliphatic Carbamates; Arachnida; Biological Control; Methomyl; Pesticide Evaluation; Population Dynamics -general; ...4.0843

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Moraceae; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

PESTICIDE RESIDUES IN MARKETING CHANNELS ...Chlorinated Hydrocarbons; Column Chromatography; Gas Chromatography; Insecticides -nonspecific; Organophosphorous Cpds.; Zea Mays - Field Corn; ...4.0949

NORTHWEST TREE FRUIT INSECTS ...Acaricides -nonspecific; Arachnida; DDT; Invertebrate Physiology; Pesticide Action on Animals; Pesticide Residues; Radiation Sources -general; ...4.0993

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPECIES IN COTTON AND OTHER HOST PLANTS ...Aliphatic Carbamates; Animal Resistance; DDT; Methyl Parathion; Pesticides -other; Sevin; ...4.1037

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Chenopodiaceae; Dieldrin; Dimethoate; Parathion; Pesticide Residues; Sorghum; Triticum; ...4.1115

STUDY OF THRIPS TABACI, ITS BIOLOGY AND ECOLOGY, A VIRUS VECTOR ON TOBACCO ...Animal Life History Studies; Nicotiana; Pesticide Residue Analysis; Phenols; Population Dynamics -general; ...4.1134

Light and Sun Resistance

THE RESPONSE OF HIGHER PLANTS TO ULTRAVIOLET LIGHT AND OTHER STRESS FACTORS ...Alpine Regions; Cold Resistance and Hardiness; Plants; Radiation Sources -general; Temperature - Air; ...5.0717

Lodging

IMPROVEMENT OF CEREAL GRAINS UNDER IRRIGATION ...Avena Sativa; Heat Resistance; Irrigation; Moisture Deficiency; Soils; Triticum; Waste Disposal on Soils; ...3.0047

Nematode Resistance

CONTROLS FOR MAJOR COTTON DISEASES IN SOUTHEASTERN U. S. INCLUDING RESISTANCE ...Fungal Resistance; Fusarium; Herbicides -nonspecific; Pesticide Phytotoxicity; Verticillium; ...4.0208

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Granules, Capsules; Insecticides -nonspecific; Nematocides -nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales; Verticillium; ...4.0480

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Leaf Analysis; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

Pollutant Resistance

USSR LITERATURE ON AIR POLLUTION AND RELATED DISEASES ...Air Pollution -see Specifics; Air Pollution Effects; Environmental Effects - Human; Literature Search; Plant Habitat Studies; ...1.0211

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Cell Injury and Autolysis; Herbicides and Other Chem; Nicotiana; Phaseolus; ...1.0334

INFLUENCE OF SELECTED AIR POLLUTANTS ON PHOTOSYNTHESIS OF MATURE FOREST TREES UNDER NATURAL CONDITIONS ...Air Pollution -see Specifics; Photosynthesis; Pinus Strobus; Sulfur Dioxide; ...1.0335

OZONE DAMAGE TO PLANTS ...Bayer 25141; Fruit, Nut, and Berry Crops; Solanum; Wind -see Air Motion; ...1.0337

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Bioindicators; B9; Liquids Or Sprays; Mineral Nutrition; Nicotiana; Pesticide Evaluation; Pesticides -other; Zea Mays - Field Corn; ...1.0338

ACTION OF AIR POLLUTANTS ON PLANTS AND METHODS OF DAMAGE CONTROL ESPECIALLY THROUGH RESISTANCE ...Air Pollution -see Specifics; Cellular Biosynthesis; Ornamentals; Phaseolus; Pigments; Polygonaceae; ...1.0351

BREEDING, GENETICS AND DISEASE CONTROL OF ALL TOBACCO TYPES ...Air Pollution -see Specifics; Fungal Resistance; Nicotiana; Peronosporaceae; Temperature - Air; ...1.0353

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Abscission; Air Pollution -see Specifics; Computer Methods -general; Herbicides and Other Chem; ...1.0387

AIR POLLUTION EFFECTS ON POWDERY MILDEW FUNGI ...Air Pollution -see Specifics; Cell Injury and Autolysis; Environmental Factors; Fungi -nonspecific; Pathological Physiology; Sulfur Dioxide; ...1.0380

EFFECTS ON FOREST TREES OF LONG-TERM EXPOSURE TO LOW CONCENTRATIONS OF AIR POLLUTANTS ...Fluorine; Forest Pathology; Pinus Strobus; Smoke -see Air Pollution; ...1.0384

RELATIONSHIP OF AIR POLLUTION TO HARDWOOD FORESTS OF THE NORTHEASTERN UNITED STATES ...Air Poilution -see Specifics; Air Pollution Sampling; Deciduous Forests; Forest Pathology; Plant Pathology - Env. Relat.; Temperature - Air; ...1.0412

SHADE TREE IMPROVEMENT THROUGH BREEDING AND SELECTION ...Air Pollution -see Specifics; Contamination - Soil; Ornamentals; Radioisotopes -nonspecific; Virus Resistance; ...1.0413

BREEDING TREES RESISTANT TO AIR POLLUTANTS ...Air Pollution -see Specifics; Ornamentals; Pinus Sylvestris; Plant Resistance; Plant Response to Env -ns; Soil Environment -other; Sulfur Dioxide; ...1.0417

AIR POLLUTION EFFECTS ...Animal Life History Studies; Hamamelidaceae; Oleaceae; Pinus Nigra; Pinus Virginiana; Plant Response to Env -ns; Quercus; ...1.0419

EFFECT OF VARIOUS GASEOUS CONTAMINANTS OF THE ATMOSPHERE ON PLANT GROWTH AND BEHAVIOR ...Carbon Disulfide; Enzymes; Growth; Industrial Pollution -general; Reproductive Physiology; Respiration; ...1.0420

VEGETABLE CROPS IMPROVEMENT THROUGH BREEDING ...Allium; Daucus Species; Fusarium; Phosphorus and Phosphorus Cpds; Vegetables; ...1.0435

AIR POLLUTION DAMAGE IN WHITE PINE ...Phenols; Pinus Strobus; ...1.0437

PROTECTION OF HIGHWAY AND MOTORWAY HEDGES FROM DEICING SALTS AND THE PLANTING OF SALT RESISTANT SPECIES OF PLANTS ...Contamination -see Air & Water; Plant Growth; ...2.0117

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Chemical Water Properties; Ecological Effects; Environmental Influences; India; Lower Plants; Organic Water Properties; Physiological Effects; ...2.1549

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

UTILIZATION OF FOOD PROCESSING PLANT EFFLUENTS AND THEIR EFFECTS ON SOILS AND CROPS ...Chemical Analysis (water); Food Processing Industries; Mineral Nutrition; Plant Response to Env -ns; Plant Waste Removal, Treatment; Soil Chemical Properties; ...3.0335

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Air Pollution -see Specifics; Chlorine; Herbicides -nonspecific; Pesticide Action on Plants; Temperature - Air; ...4.0211

Radiation Resistance

GENETICS OF RADIATION AND RADIOMIMETIC AGENTS ...Bacteria -nonspecific; Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Metabolism - Controls; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation Sources - general; ...5.0167

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Tropical Regions; ...5.0218

A CYTOLOGICAL STUDY OF RADIATION INDUCED ALTERATIONS IN CYTOPLASMIC FACTORS CONTROLLING MALE STERILITY IN CORN ...Crotalaria; Helminthosporium; Plants; Solanaceae; X and Gamma Rays; ...5.0245

A GENETIC, CYTOLOGICAL AND BIOCHEMICAL STUDY OF CELL CYCLE DEPENDENT CHANGES IN RADIATION SENSITIVITY IN YEAST ...Radiation; Radiation Effects on Fungi; Radiation Sensitivity -man; Yeasts -nonspecific; ...5.0476

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Growth; Plants; Plants - Monocotyledons; Radiation Effects -see Rad.; Radiation Sensitivity -man; Reproductive Physiology; X and Gamma Rays; ...5.0536

ENVIRONMENTAL BIOLOGY - EFFECTS OF IONIZING RADIATION ON TERRESTRIAL ECOSYSTEMS ...Eastern U. S.; Ionizing Radiation -see Rad.; Plant Population Dynamics -gen; Plant Succession; ...5.0539

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Beta Particles; Plant Biomes; Plant Succession; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioecology - Plants; Soil Microbiology; Wisconsin; ...5.0542

RECOVERY OF A TROPICAL RAIN FOREST FOLLOWING EXPOSURE TO GAMMA RADIATON ...Dominant Organisms; Moraceae; Plants; Rain Forests; Soil Cover Crops; X and Gamma Rays; ...5.0544

RADIATION GENETICS AND RADIATION RESISTANCE IN PEANUTS ...Arachis; Physical Mutagenesis; Plants; Radiation Sources -general; Temperature - Air; ...5.0554

CHARACTERIZATION OF RADIOPROTECTIVE FACTOR IN ALFALFA ...Bioindicators; Cavitidae; Column Chromatography; Medicago; Radiation Sources -general; ...5.0774

RELATIONSHIP OF PLOIDY, CHROMOSOME SIZE AND RADIOSENSITIVITY ...Cell Injury and Autolysis; Cobalt; Neutron -see Radiation; Pollens -see Air Pollution; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0899

Soils

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Chlorine; Fish; Literature Search; Rock - Soil Pollution; Soil Chemical Properties; Soil Saline Properties; Virginia; Water Supply Facilities; ...2.0408

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Contamination - Soil; Man's Pollutional Activities; Plant Growth; Sandy Soils -see Soil Type; Water Supply - general; ...2.1742

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

IMPROVEMENT OF CEREAL GRAINS UNDER IRRIGATION ...Avena Sativa; Heat Resistance; Irrigation; Moisture Deficiency; Triticum; Waste Disposal on Soils; ...3.0047

Storage Changes

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Abscission; Air Pollution -see Specifics; Computer Methods -general; Herbicides and Other Chem; Pollutant Resistance; ...1.0357

DESIGNING AND TESTING HYDRAULIC HANDLING SYSTEMS FOR POTATOES, SUGAR BEETS AND OTHER CROPS ...Chenopodiaceae; Plant Pathology - Env. Relat.; Plant Waste Removal, Treatment; Solanum; Vegetables; ...3.0157

IMPROVEMENT OF YIELD AND QUALITY OF HOPS ...Fruit, Nut, and Berry Crops; Fungal Resistance; Moraceae; Pesticide Evaluation; Pesticide Residues; Thimet; Verticillium; ...4.0454

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES ...D, 2,4d; Pesticide Action on Plants; Pesticide Residue Analysis; Residues in Foods; ...4.1094

Virus Resistance

SHADE TREE IMPROVEMENT THROUGH BREEDING AND SELECTION ...Air Pollution -see Specific: Contamination - Soil; Ornamentals; Radioisotopes -nonspecific; ...1.0413

IMPROVEMENT OF CEREAL GRAINS UNDER IRRIGATION ...Avena Sativa; Heat Resistance; Irrigation; Moisture Deficiency; Soils; Triticum; Waste Disposal on Soils; ...3.0047

HERBICIDES FOR VEGETABLES ...Allium; Cucumis Sativus; Fungal Resistance; Pesticide Evaluation; Plant Resistance; Soil Environment -other; Tok; ...4.0420

Plant Species Diversity

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algae -nonspecific; Algal Physiology; Contamination - Water; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Plant Physiological Ecology; Seasonal Distribution; Wisconsin; ...2.0853

MARINE FISHERIES - ESTUARINE ALGAL COMMUNITIES ...Animal Interrelationships -gen; Commercial Fishing; Estuaries; Marine Plants; Plant Productivity -general; Salinity (water); Training Grants, Fellowships; Water Standards & Baselines; ...2.1682

A SURVEY OF CHEMICAL AND PHYSICAL PROPERTIES OF SOILS AT THE NEVADA TEST SITE ...Arid and Desert Regions; Nevada; Soil Chemical Properties; Soil Types -also See Specifics; ...5.0153

ENVIRONMENTAL BIOLOGY - EFFECTS OF IONIZING RADIATION ON TERRESTRIAL ECOSYSTEMS ...Eastern U. S.; Ionizing Radiation -see Rad.; Plant Population Dynamics -gen; Plant Succession; Radiation Resistance; ...5.0539

RECOVERY OF A TROPICAL RAIN FOREST FOLLOWING EXPOSURE TO GAMMA RADIATON ...Dominant Organisms; Moraceae; Plants; Radiation Resistance; Rain Forests; Soil Cover Crops; X and Gamma Rays; ...5.0544

RECOVERY OF A NATURAL PLANT COMMUNITY FOLLOWING EXPOSURE TO BETA RADIATION FROM SIMULATED FALLOUT PARTICLES ...Compositae; Plant Ecology -nonspecific; Plants; Radioactive Fallout-cf Fallout; Range Or Territorial Distr.; Seeds; ...5.0545

Plant Succession

EFFECTS OF AIR POLLUTION ON A FOREST ECOSYSTEM ...Forest Environment -general; Industrial Pollution -general; Mixed Forest; Plant Productivity -general; Plant Response to Env. -ns; Sulfur Dioxide; Zinc; ...1.0373

IMPACT OF AIR POLLUTANTS ON ECOSYSTEMS ...Air Pollution; Air Pollution -see Specifics; Air Pollution Monitoring; Bioindicators; Fumigants -nonspecific; Great Salt Lake; Reproductive Physiology; ...1.0429

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Algae -nonspecific; Aquatic Soils; Ecological Effects; Eutrophication; Hydrocharitaceae, Phytoplankton; Potamogetonaceae; ...2.0266

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

PRODUCTIVITY AND MINERAL CYCLING ON NATURAL AND MANIPULATED ECOSYSTEMS ...Analysis of Ecosystems; Forest Watersheds; Nutrients; Productivity of Terrestrial; ...2.0551

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algae -nonspecific; Algal Physiology; Contamination - Water; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Plant Physiological Ecology; Plant Species Diversity; Seasonal Distribution; Wisconsin; ...2.0853

FACTORS INFLUENCING THE PRODUCTION OF PLANKTONIC AND BENTHIC PLANTS ...Algal Physiology; Chemical Water Properties; Effluents - Waste Water; Nutrients; Optical Properties of Water; Phytoplankton; Water Pollution Sources; ...2.1473

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

EFFECTS OF POLLUTANTS ON SUBMARINE PLANT SYNECOLOGY ...Aquatic Plants -nonspecific; Contamination - Water; Industrial Wastes; Mineralogical Water Properties; ...2.1749

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Air Pollution -see Specifics; Herbicides -nonspecific; Pesticide Action on Plants; Plant Physiological Ecology; Seeds; ...4.0224

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Herbicides and Other Chem; Pesticide Formulation; Picloram; ...4.0395

EFFECTS OF HERBICIDES ON USE OF SAGEBRUSH LANDS BY WILDLIFE ...Animal Habitat Studies; Artemisia; Birds; Cervus; Deer -nonspecific; Food Supply; Grouse; Herbicides -nonspecific; Mammals; Pesticide Action on Animals; Wildlife -nonspecific; ...4.0580

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Community Mapping; Radiation Effects -see Rad.; Radioactive Contamination; Radioecology - Plants; Soil - Crop Relationships; Soil Environment -other; Translocation; ...5.0422

ENVIRONMENTAL BIOLOGY - EFFECTS OF IONIZING RADIATION ON TERRESTRIAL ECOSYSTEMS ...Eastern U. S.; Ionizing Radiation -see Rad.; Plant Population Dynamics -gen; Radiation Resistance; ...5.0539

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Beta Particles; Plant Biomes; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioecology - Plants; Soil Microbiology; Wisconsin; ...5.0542

TERRESTRIAL PLANT ECOLOGY ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Phenology; Soil Minerals -natural; Soil Water Plant Relationships; ...5.0752

Dominant Organisms

IMPACT OF AIR POLLUTANTS ON ECOSYSTEMS ...Air Pollution; Air Pollution -see Specifics; Air Pollution Monitoring; Bioindicators; Fumigants -nonspecific; Great Salt Lake; Plant Succession; Reproductive Physiology; ...1.0429

SIGNIFICANCE OF ARTHROBACTER IN ECOLOGY OF WATER AND SOIL ...Arthrobacter; Cellular Catabolism-see Degrad; Moisture; Plant Resistance; Soil Ecology; Soil Microbiology; Water Bacteria; ...2.1136

THE ECOLOGY OF THE MICROBIAL POPULATION OF ACTIVATED SLUDGE ...Activated; Degradation -see Pesticide Deg; Mechanism Determination; Toxic Substances; Waste Management -see Specific; ...3.0021

RECOVERY OF A PINE FOREST FOLLOWING EXPOSURE TO IONIZING RADIATION ...Beta Particles; Pinus Taeda; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0543

RECOVERY OF A TROPICAL RAIN FOREST FOLLOWING EXPOSURE TO GAMMA RADIATON ...Moraceae; Plants; Radiation Resistance; Rain Forests; Soil Cover Crops; X and Gamma Rays; ...5.0544

Dune Succession

INSTITUTIONAL SEA GRANT SUPPORT ...Acipenseridae; Dredging; Estuaries; Legal Review; Marine Animals; North Carolina; Serranidae; Water Resources Development; ...2.1886

Lake Stages

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal;

Chemical Water Properties; Environmental Ecology; Fish Food Organisms; Pathology; Plankton; Reservoirs and Impoundments; ...2.0021

A STUDY OF PHYTOPLANKTON DYNAMICS IN LAKE FAYETTEVILLE AS A MEANS OF ASSESSING WATER QUALITY ...Algae -nonspecific; Biological Water Properties; Eutrophication; Physical Water Properties; Primary Productivity - Plants; ...2.0022

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Eutrophication; Indiana; Lakes; Organic Properties; Synoptic Weather Observations; Temperature - Air; Vertical Distribution; Water Stratification; ...2.0137

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control - general; ...2.0166

EUTROPHICATION OF SMALL RESERVOIRS IN THE GREAT PLAINS ...Algae -nonspecific; Chemical Water Properties; Flood Control Reservoirs; Great Plains Province; Nebraska; Physical Water Properties; Temporal Distribution; ...2.0238

EUTROPHICATION - EFFECT OF WEED HARVESTING ...Aquatic Plants -nonspecific; Cultural Control; Eutrophication; Nutrients; Water Quality Control -general; ...2.0338

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algae -nonspecific; Algal Physiology; Environmental Influences; Eutrophication; Physical Control; Stratification (water); Washington; Water Supply Augmentation; ...2.0429

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Effluents - Waste Water; Lower Plants; Nutrients; Phytoplankton; Plant Productivity -general; Tertiary Treatment; ...2.0641

A SYSTEMATIC AND ECOLOGICAL SURVEY OF THE ZOOPLANKTON AND PHYTOPLANKTON OF NORTHEASTERN OHIO GLACIAL LAKES ...Biological Water Properties; Ecological Effects; Eutrophication; Glaciology, Nutrients; Physical Water Properties; ...2.0730

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; Sewage; ...2.0848

IMPLEMENTATION OF HABITAT ALTERATIONS ...Amphibious Plants; Animal Succession; Depth (water); Environmental Ecology; Lakes; Population Dynamics -general; Water Depth, Water Levels; ...2.1534

RECOVERY FROM ACID POLLUTION IN FOUR STRIP-MINE LAKES ...Acid Mine Drainage; Animal Productivity; Biological Water Properties; Energy Budgets; Physical Water Properties; Primary Productivity - Plants; Strip Mines; ...2.1617

Plant Tissue Analysis -chem.

LEAD AND SODIUM CONTAMINATION OF TREES AND SHRUBS IN URBAN ENVIRONMENTS ...Air Pollution -see Specifics; Lead; Mercury; Ornamentals; ...1.0336

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; Water Quality -general; ...2.0098

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

METHODS IN SPECTROGRAPHIC ANALYSIS OF SOILS & PLANTS FOR MINOR ELEMENTS ...Animal Migration; Atomic Absorption; Drainage; Emission Spectroscopy; Fluorometry; Soil Analysis; X-ray Spectroscopy; ...2.0580

DETECTION OF NUTRIENT LIMITATIONS OF ALGAL GROWTH IN SURFACE WATERS ...Algae -nonspecific; Algal Physiology; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; ...2.0765

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Food Processing Industries; Gallus Domesticus; Infiltration; Nitrogen and Nitrogen Cpds.; Percolation (water); Phosphorus and Phosphorus Cpds; Soil Moisture; Sprinkler Irrigation; Water Quality -general; ...2.1287

THE RATE OF NITROGEN AND PHOSPHORUS STRIPPING FROM SEWAGE LAGOONS BY AQUATIC ANGIOSPERMS ...Absorption (incl. Adsorption); Ceratophyllaceae; Haloragaceae; Nitrogen and Nitrogen Cpds.; Nymphaeaceae; Phosphorus and Phosphorus Cpds; Ranunculaceae; Waste Water Treatment - general; ...2.1304

SUBSURFACE DISPOSAL OF ANIMAL MANURE ...Animal Wastes - Feed Lots; Chlorine; Denitrification; Farm Animal Wastes; Feces; Soil Fertility; Waste Disposal, Underground; ...3.0296

AGRICULTURAL WASTES - POULTRY MANURE DISPOSAL AND USE ...Economic Feasibility; Gallus Domesticus; Microorganisms -nonspecific; Phaseolus; Soil pH; Vegetables; ...3.0297

UTILIZATION OF FOOD PROCESSING PLANT EFFLUENTS AND THEIR EFFECTS ON SOILS AND CROPS ...Chemical Analysis (water); Food Processing Industries; Mineral Nutrition; Plant Response to Env. -ns; Plant Waste Removal, Treatment; Soil Chemical Properties; ...3.0335

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Fertilizers; Groundwater; Piedmont Province; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Aerosols - Smokes, Fogs, Steam; Climates -general; DDE; Endrin; Monitoring Systems; Pesticide Phytotoxicity; Radioisotopes -nonspecific; ...4.0033

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources; Aquatic Soils; Growth; Haloragaceae; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Photoperiodism; Temperature (water); ...4.0053

NEUTRALIZATION REACTIONS IN ACID SOIL AND CLAY SYSTEMS AND THEIR EFFECT ON PLANT GROWTH ...Atrazine; Clay Soils; Soil Chemical Properties; Soil pH; ...4.0122

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Bioassay; Colloids; Pesticide Formulation; Pesticide Persistance in Soils; Pesticide Residues; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

CONTROLLING THE RESPONSES OF CROP AND WEED PLANTS TO HERBICIDES ...Algae - Euglenophyta; Gossypium; Herbicides and Other Chem; Pesticide Action on Plants; ...4.0329

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Secale; Solanum; Vicia; ...4.0469

IMPROVEMENTS OF FLUE-CURED TOBACCO BY DEVELOPMENT OF MORE ADEQUATE FERTILIZATION, AND CROPPING SYSTE ...Penar; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Tillage; Space Competition; Tillage, Cropping Systems, ...4.0476

EFFECT OF PHOSPHORUS INSECTICIDES ON QUALITY OF ALFALFA HAY ...Demeton; Malathion; Nitrogen and Nitrogen Cpds.; Pesticide Action on Plants; Pesticide Residues; Phosphorus and Phosphorus Cpds; Temperature Air; Tissue Accumulation Rates; ...4.0521

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Citrus; Fragaria; Fruit, Nut, and Berry Crops; Fumigants -nonspecific; Horticultural Crops - general; Lactuca; Pesticide Organoleptic Prop.; Phaseolus; Residues in Foods; Vegetables; ...4.0929

PESTICIDE RESIDUES - THEIR NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND SOILS ...Herbicides and Other Chem; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticide Residues; Soil Types -also See Specifics; ...4.0935

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Rhizobium; Soil pH; Trifluralin; ...4.0950

ANALYTICAL SERVICES ...Insecticides -nonspecific; Livestock - nonspecific; Pesticide Residue Analysis; ...4.0984

COLLABORATIVE STUDIES OF ANALYTICAL METHODS ...Chemical Analysis; Home Economics; Pesticides -nonspecific; Soil Fertility; ...4.1011

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cassia; Cotoran; Foliar Absorption; Leaf Analysis; Pesticide Phytotoxicity; Root Absorption; ...4.1018

PHASE II PLANNING STUDY FOR EVALUATION OF RADIOACTIVE CONTAMINATION OF THE FOOD CHAIN ...Food Contamination; Radiation Injury Prevention; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioisotopes - nonspecific; Radiologic Health; ...5.0053

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation; Bos; Cricetidae -other; Felidae; Forest Environment -general; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Vertebrates Excl. Man; ...5.0288

Fruit Analysis

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0804

DEVELOPMENT OF APPLE SPRAY PROGRAMS IN RELATION TO SPRAY RESIDUE RESTRICTIONS ...Degradation; Furadan; Guthion; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrus Malus; ...4.1082

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY ...Abscission; B9; Naa; Pesticide Residue Analysis, Pesticides -other; Prunus Ceracus & P. Avium; Pyrus Malus; ...4.1084

COMPARISON OF NUTRIENTS OF PEANUTS FROM SOILS WITHOUT AND WITH LINDANE TREATMENT ...Arachis; Herbicides and Other Chem; Lindane; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Pesticide Phytotoxicity; Residues in Foods; ...4.1119

Leaf Analysis

EFFECTS OF AIR-BORNE FLUORIDES ON CITRUS ...Air Pollution -see Specifics; Citrus; Fluorine; Fruit, Nut, and Berry Crops; Plant Pathology - Env. Relat.; ...1.0340

EFFECTS OF AIR-BORNE FLUORIDES ON CITRUS ...Citrus; Fertilizer Industry; Fluorine; Fruit, Nut, and Berry Crops; Herbicides and Other Chem; Industrial Pollution -general; Mineral Composition; ...1.0341

MT STORM - W VIRGINIA - GARRETT COUNTY - MARYLAND ABATEMENT ACTION - FIELD INVESTIGATION ...Air Pollution-chemistry; Chemical Analysis -general; Dust; Fluorine; Industrial Pollution -general; Monitoring; Nitrogen and Nitrogen Cpds.; ...1.0399

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Chlorine; Industrial Pollution -general; Lycopersicum; Nicotiana; Northeast U. S.; ...1.0418

IRRIGATION OF CITRUS WITH WASTE WATER ...Absorption (incl. Adsorption); Citrus; Food Processing Industries; Industrial Wastes; Irrigation; Sewage; Water Application Methods; ...2.1526

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Contamination - Soil; Digestion; Glycine; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

AGRICULTURAL WASTES - POULTRY MANURE DISPOSAL AND USE ...Economic Feasibility; Gallus Domesticus; Microorganisms -nonspecific; Phaseolus; Soil pH; Vegetables; ...3.0297

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant; Residues in Foods; Vegetables; ...4.0348

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Ethrel; Plant Resistance; Pyrus -general; Pyrus Malus; Respiration; Translocation; ...4.0505

EVALUATION OF PESTICIDE RESIDUE PROBLEM IN MONTANA ...Chlordan; Domestic Animals; Heptachlor Epoxide; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; ...4.0964

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Labistae; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cassia; Cotoran; Foliar Absorption; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; Root Absorption; ...4.1018

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

KINDS AND LEVELS OF PESTICIDES OR METABOLIC PRODUCTS IN TOBACCO LEAF AND SMOKE ...Fungicides - nonspecific; Maleic Hydrazide; Nicotiana; Pesticide Rates - general; Pesticides -other; ...4.1089

THE CONTROL OF TOBACCO DISEASES BY CULTURAL PRACTICES AND CHEMICALS ...Alternaria; Dd; Fungal Resistance; Nematoda; Peronosporaceae; Phytophthora; ...4.1090

PESTICIDE RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Bioassay; Brassica Species; Cladocera; Fish; Pesticide in Food Chains; Trifluralin; ...4.1111

INFLUENCE OF SOIL HEATING ON THE GROWTH AND ELEMENTAL COMPOSITION OF BEAN PLANTS ...High Temp. - 85f Or Above; Mineral Nutrition; Organic Soils -see Soils; Plants; Radioactive Contamination; Soil Chemical Properties; ...5.0013

Root Analysis

METHODS OF CONTROLLING TOBACCO DISEASES WITH CHEMICALS NOT LEAVING HARMFUL RESIDUES ...Alternaria; Chloropicrin; Dibromoethane; Disease Resistance; Fentin Hydroxide; Maleic Hydrazide; Mocap; Pesticide Absorption Rates; Pesticide Evaluation; Polyram; Thielaviopsis; ...4.1088

Plant Waste Removal, Treatment

AIR POLLUTION FROM FOREST AND AGRICULTURAL BURNING ...Air Pollution -see Specifics; Combustion; Fire Research -see Forest Fire; Gramineae -other; ...1.0016

MATERIALS HANDLING, COLLECTION AND DISPOSAL IN THE MID-SOUTH AREA ...Gossypium; ...1.0586

COTTON LINT HANDLING AND PACKAGING AND TRASH COLLECTION ...Air Pollution -see Specifics; Filters; Gossypium; ...1.0587

COTTON MATERIALS HANDLING AND AIR TRASH SEPARATION ...Air Pollution -see Specifics; Gossypium; Solid Waste Management; ...1.0591

FIELD BURNING AIR POLLUTION ABATEMENT INVESTIGATIONS ...Air Pollution -see Specifics; General Sanitation Methods; Herbicides -nonspecific; Plant Residues, Humus, Compost; Planting Methods; Temperature - Air; ...1.0623

SEPARATION AND COLLECTION OF COTTON GIN DUST ...Electrostatic Precipitators; Gossypium; Solid Waste Management; .. 1.0646

COTTON MATERIALS HANDLING, COLLECTION, AND DISPOSAL IN THE TEXAS STRIPPER COTTON AREA ...Gossypium; ...1.0653

DISPOSAL OF PAPER MILL EFFLUENT THROUGH IRRIGATION OF BOTTOMLAND HARDWOOD UNDER LOUISIANA CONDITIONS ...Disposal Wastes; Forest Environment -general; Industrial Wastes; Irrigation; Louisiana; Pulp and Paper Wastes; Waste Disposal on Soils; Water Quality Control -general; ...2.0605

IMPROVING SURFACE WATER CONDITIONS THROUGH CONTROL AND DISPOSAL OF AQUATIC VEGETATION ...Economic Efficiency; Eutrophication; Pest Control Measures; Plant Pollutants; Water Quality Control -general; Wisconsin; ...2.1135

REDUCING POLLUTION FROM POTATO AND ROOT VEGETABLE PEELING ...Canning Wastes -see Food Proc.; Food Processing Industries; Lye; Water Quality Control -general; ...2.1162

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation; Waste Disposal on Soils; Waste Water Treatment - general; Water Pollution -see Specifics; ...2.1163

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Foreign Agriculture; Industrial Wastes; Product Development Research; Sewage; Water Pollution Abatement; Water Quality -general; ...2.1196

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Solid Waste; Water Costs; Water Resources Development; ...2.1213

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Delaware; Food Processing Industries; Irrigation; Rain; Vegetables; Water Costs; ...2.1214

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Canning Wastes -see Food Proc.; Food Processing Industries; Industrial Wastes; Photometry; Taste & Odor of Water; Waste Treatment Economics; Water Quality Control -general; ...2.1249

TREATMENT OF AQUEOUS AGRICULTURAL WASTES FOR CLEAN WATER AND FOR MICROBIAL PROTEIN PRODUCTION ...Aeration (water); Biochemical Oxygen Demand; Farm Animal Wastes; Microorganisms -nonspecific; Product Development Research; Surface Active-other; Water Pollution Sources; ...2.1271

PILOT PLANT INSTALLATION FOR USE OF FUNGI IMPERFECTI ON VEGETABLE WASTES ...Aeration (water); Food Processing Industries; Minnesota; Pilot Plants; Waste Water Treatment -general; ...2.1309

CHARACTERIZATION OF FOOD PROCESSING WASTEWATERS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Food Processing Wastes; Industrial Wastes; Northwest U. S.; ...2.1388

PROCESSING PLANT EFFLUENTS FOR IRRIGATION IN COASTAL PLAINS OF NORTHEAST ...Biological Effects; Effluents - Waste Water; Food Processing Wastes; Industrial Wastes; Irrigation; Lye; Soil Chemical Properties; Water Reuse; ...2.1443

POLLUTION PREVENTION BY AERATION OF FRUIT PROCESSING WASTES ...Activated; Aerobic Bacteria; Biochemical Oxygen Demand; Food Processing Industries; Lagoon; Waste Drying; ...2.1449

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Soil Analysis; Soil Organic Content; Tillage, Cropping Systems; Waste Water Treatment -general; Water Pollution Effects; ...2.1665

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

EFFECTS OF GARBAGE COMPOST ON SOIL AND CROP PRODUCTION ...Avena Sativa; Soil - Crop Relationships; Soil Chemical Properties; Soil Microbiology; Soil pH; Waste Disposal on Soils; ...3.0003

REDUCING WASTES FROM COMMERCIAL FRUIT PEELING OPERATIONS ...Food Processing Wastes; ...3.0014

PROCESSING OF WINE FOR PRODUCT IMPROVEMENT AND POLLUTION REDUCTION ...Botrytis; Product Development Research; Sulfur Dioxide; Vitaceae; ...3.0015

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Erosion; Gramineae -other; Leguminosae; Mine Wastes; Soil Chemical Properties; Soil Fertility; Soil Moisture; Water Pollution Sources; ...3.0029

FOOD PROCESSING WASTES ...Disposal; Food Processing Wastes; Recoverable Materials; Waste Material Recovery; Waste Water Treatment -general; ...3.0035

FERMENTED FOOD PRODUCTS ...Botrytis; Food Contamination; Product Development Research; Vitaceae; ...3.0036

PACKAGING-...Engineering Mechanics; Farm Produce; Packaging Materials; Support Services; ...3.0045

SOLID WASTE CELLULOSE DEGRADATION BY THERMOACTINOMYCES ...Actinomyces Sp; Cellular Catabolism-see Degrad; Cellular Metabolism - Controls; Thermochemistry -biophysics; ...3.0056

A SOLID WASTES MANAGEMENT SYSTEM FOR THE BAY REGION ...Disposal; Farm Animal Wastes; Public Utilities; Solid Waste; Waste Management -see Specific; Waste Material Recovery; ...3.0079

REMOVING TRASH FROM MECHANICALLY HARVESTED SUGARCANE ...Saccharum; ...3.0107

IMPROVED PROCESSING OF HAWAIIAN FRUITS ...Carotenoid Pigments; Food Engineering & Technology; Product Development Research; Tropical Regions; ...3.0117

BIOPOLYMERS AND POLYMER-PRODUCING MICROORGANISMS IN ACTIVATED SLUDGE ...Activated Sludge; Food Processing Wastes; Microorganisms -nonspecific; Sewage - Domestic; Soil Bacteria; Waste Treatment Economics; Water Pollution Sources; ...3.0127

DEVELOPMENT OF DIET RATIONS FOR CULTIVATION OF SHRIMP AND CRAWFISH ...Crayfish; Hippolyte; Marine Animals; Product Development Research; Shellfish Farming; ...3.0153

NEW FOOD PRODUCTS AND SERVICE ...General Sanitation Methods; Home Economics; Product Development Research; Sanitation; ...3.0155

DESIGNING AND TESTING HYDRAULIC HANDLING SYSTEMS FOR POTATOES, SUGAR BEETS AND OTHER CROPS ...Chenopodiaceae; Plant Pathology - Env. Relat.; Solanum; Storage Changes; Vegetables; ...3.0157

USING WASTE FORMED IN VEGETABLE AND CHEESE PRODUCTION ...Bos; Product Development Research; ...3.0165

INVESTIGATION OF NEW WASTE DISPOSAL/SANITATION TECHNIQUES FOR GARRISON FOOD SERVICE ...Food Processing Wastes; Home Economics; Product Development Research; Waste Disposal-see Solid Waste; ...3.0175

CROP RESIDUE DISPOSAL ...Gossypium; Loam -see Soil Types; Plant Residues, Humus, Compost; Planting Methods; Sandy Soils - see Soil Type; Soil Depth; Soil Types -also See Specifics; ...3.0199

SOURCES OF TRASH IN COTTON HARVESTING ...Gossypium; ...3.0200

DEVELOPMENT OF EQUIPMENT AND TECHNIQUES FOR CROP RESIDUES ...Gossypium; Loam -see Soil Types; Plant Residues, Humus, Compost; Population Dynamics -general; Soil Moisture; Soil Tillage; Waste Disposal on Soils; ...3.0201

CONDITIONING AND CLEANING MID-SOUTH COTTON VARIETIES ...Gossypium; Humidity; Southern U. S.; Temperature - Air; ...3.0202

ANIMAL WASTE COMPOSTING WITH CARBONACEOUS MATERIAL ...Farm Animal Wastes; Mineral Nutrition; Panicum -other; Plant Residues, Humus, Compost; Soil Amendments; Triticum; Waste Disposal on Soils; ...3.0252

PHYSICAL AND CHEMICAL CHARACTERISTICS AND STABILITY OF CUCUMBER PRODUCTS ...Chlorine; Lactobacillus Sp; Yeasts -nonspecific; ...3.0253

UTILIZATION OF BARK WASTE ...Additives; Casting of Materials; Gas Chromatography; Inspection and Control; Nitrogen and Nitrogen Cpds.; Pseudotsuga; Pulp-waste; ...3.0277

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Groundwater; Nitrogen and Nitrogen Cpds.; Trickling Filters; Waste Disposal on Soils; Water Quality Control -general; ...3.0279

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Costs - see Economics Entries; Hydrogenation; Industrial Wastes; Product Development Research; Soil Amendments; Waste Disposal on Soils; ...3.0281

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Disposal; Farm Animal Wastes; Recoverable Materials; Waste Material Recovery; ...3.0282

MICROBIOLOGICAL TREATMENT OF POTATO WASTES ...Bench Scale; Degradation -see Pesticide Deg; Food Processing Wastes; Waste Water Treatment -general; ...3.0286

UTILIZATION OF AGRICULTURAL WASTES IN CROP PRODUCTION ...Agaricus; Farm Animal Wastes; Gramineae - other; Mineral Nutrition; Plant Residues, Humus, Compost; Pseudotsuga; Zea Mays - Field Corn; ...3.0294

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues; Costs -see Economics Entries; Drying; Food Processing Industries; Freeze Drying; Pilot Plants; Precipitation; Waste Drying; Waste Treatment Economics; ...3.0305

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Costs -see Economics Entries; Food Processing Industries; Industrial Wastes; South Carolina; Waste Disposal on Soils; Waste Water Treatment -general; ...3.0311

UTILIZATION OF CELLULOSE AND RELATED COMPOUNDS AS NUTRIENTS ...Bacteria -nonspecific; Cellular Catabolism-see Degrad; Fungi -nonspecific; Trichoderma; ...3.0330

UTILIZATION OF FOOD PROCESSING PLANT EFFLUENTS AND THEIR EFFECTS ON SOILS AND CROPS ...Chemical Analysis (water); Food Processing Industries; Mineral Nutrition; Plant Response to Env. -ns; Soil Chemical Properties; ...3.0335

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

DEVELOPMENT OF PROCESSES FOR IMPROVED FEEDS FROM AGRICULTURAL WASTES ...Farm Animal Wastes; Food Processing - Additive; Product Development Research; ...3.0361

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

USE OF SEWAGE TO PRODUCE ALGAE FOR LIVESTOCK FEED ...Algae - Chlorophyta; Algae - Cyanophyta; Algal Physiology; Fungi -nonspecific; Sewage Bacteria; ...3.0369

DETERMINE LIGNIN STRUCTURE AND BIOSYNTHESIS ...Aldehydes -nonspecific; Enzymes; Forest Industry; Hydrolysis, Esterification; Oxidants; ...3.0371

EVALUATION OF DEHULLED SOYBEAN GRITS FROM UNITED STATES VARIETIES FOR MAKING MISO ...Foreign Agriculture; Fungi -nonspecific; Glycine; Japan; ...3.0372

BARK RESIDUES AS SOIL CONDITIONER ...Lycopersicum; Ornamentals; Soil Amendments; Soil Compaction Or Density; Vegetables; ...3.0375

ENHANCED CELLULASE PRODUCTION BY MUTATION ...Biodegradation-see Degradation; Catalysts; Costs -see Economics Entries; Industrial Wastes; Mutagenesis -nonspecific; Product Development Research; Rate of Reaction; ...3.0381

TREATMENT AND UTILIZATION OF WASTES ...Algae -nonspecific; Farm Animal Wastes; Industrial Wastes; Nutrients; Product Development Research; Waste Water Treatment - general; Water Pollution Sources; ...3.0393

UTILIZATION OF WASTE BARK ...Nitrogen and Nitrogen Cpds.; Phenols; Product Development Research; ...3.0397

WOOD WASTE REUSE IN CONTROLLED RELEASE PESTICIDES ...Formulations -nonspecific; Pesticide Evaluation; Pesticide Safety Measures; Pesticides -nonspecific; ...3.0403

Planting Methods

FIELD BURNING AIR POLLUTION ABATEMENT INVESTIGATIONS ...Air Pollution -see Specifics; General Sanitation Methods; Herbicides -nonspecific; Plant Residues, Humus, Compost; Temperature - Air; ...1.0623

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Flume Studies; Irrigation; Rock - Soil Pollution; Soil Chemical Properties; Soil Profile; Waste Disposal on Soils; ...3.0008

CROP RESIDUE DISPOSAL ...Gossypium; Loam -see Soil Types; Plant Residues, Humus, Compost; Plant Waste Removal, Treatment; Sandy Soils -see Soil Type; Soil Depth; Soil Types -also See Specifics; ...3.0199

SOIL INVERTEBRATES INFLUENCE ON CORN RESIDUES ...Arthropods; Minimum Tillage; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Population Dynamics -general; Soil Microbiology; ...4.0108

THE INFLUENCE OF CULTURAL PRACTICE COMBINATIONS ON THE YIELD AND QUALITY OF COTTON ...Carbamates - nonspecific; Insecticides -nonspecific; Pesticide Action on Plants; Petroleum Cpds. -nonspecific; Soil Fertility; ...4.0214

REACTIONS OF VEGETABLE CROPS TO APPLIED CHEMICALS, EXCLUSIVE OF NUTRIENTS ...Allium; Cucumis Melo; Dacthal; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0241

WEED CONTROL IN PLANT INDUSTRY ...Capsicum; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Sirmate; Tillam; Vegetables; ...4.0291

SOUTHEAST KANSAS EXPERIMENTAL FIELD ...Carya; Drainage; Fruit, Nut, and Berry Crops; Juglans; Ornamentals; Pesticide Evaluation; Pesticide Residues; Vegetables; ...4.0326

STAND ESTABLISHMENT AND SEEDLING DISEASE CONTROL ...Chloroneb; Gossypium; Growth; Pesticide Evaluation; Plant Pathogenetic Fungi; Temperature - Air; ...4.0384

IMPROVEMENT OF OIL SEED CROPS THROUGH THE DEVELOPMENT OF SUPERIOR VARIETIES AND CULTURAL METHODS ...Alternaria; Fungal Resistance; Helianthus; Irrigation; Linaceae; Pesticide Application Rates; ...4.0394

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Simazine; Trifluralin; ...4.0418

SUGAR BEETS FOR PENNSYLVANIA ...Chenopodiaceae; Irrigation; Pesticide Residues; Soil Depth; Soil Fertility; ...4.0462

Plants - Dicotyledons

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; Land Use; New York; Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

TISSUE ANALYSIS FOR NUTRIENT ASSAY OF NATURAL WATERS ...Aquatic Plants -nonspecific; Mineralogical Water Properties; Plant Pollutants; Plants - Monocotyledons; Wisconsin; ...2.0859

CONTROL METHODS FOR JUNIPERS, SHRUB LIVE OAK, AND ASSOCIATED WEEDS ...Climates -general; Fenuron; Granules, Capsules; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; ...4.0007

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Endrin; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils, Pesticides -see Pesticide; Rain; Soil Chemical Properties; Soil Depth; Trifluralin; ...4.0099

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Growth, Plants; Plants - Monocotyledons; Radiation Effects -see Rad.; Radiation Sensitivity -man; Reproductive Physiology; X and Gamma Rays; ...5.0536

Aceraceae

Acer Species

FOREST TREE IMPROVEMENT THROUGH SELECTION AND BREEDING ...Abies; Air Pollution -see Specifics; Forest Pathology; Juglans; Magnoliaceae; Pinus Nigra; Populus; ...1.0414

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Brassica Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Rain; Sulfhydryl Compounds; Vegetables; ...4.0309

SURVEY OF NEW COMPOUNDS AND MIXTURES FOR BIOLOGICAL ACTIVITY ...Concentrates; Liquids Or Sprays; Pesticide Evaluation; Pesticide Safety Measures; Pyrethrum; Sbp 1382; ...4.0397

BIOLOGY AND CONTROL OF INSECTS IN DECIDUOUS FORESTS AND CHRISTMAS TREE PLANTATIONS ...Aliphatic Carbamates; Dieldrin; Liquids Or Sprays; Pesticide Evaluation; Thiodan; ...4.0464

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Aliphatic Carbamates; Arachnida; Biological Control; Chlorinated Hydrocarbons; Dimethoate; Meta - Systox; Pesticide Evaluation; Sevin; ...4.0809

RESPONSES OF PLANTS AND PLANT COMMUNITIES TO IONIZING RADIATION ...Carbohydrates; Festuca; Magnoliaceae; Radiation Sources -general; Radioactive Hazard; Translocation; ...5.0652

Amaranthaceae

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Effluent-standards; Eutrophication; Hydrocharitaceae, Nitrogen and Nitrogen Cpds.; Physiography - general; Pontederiaceae; Sewage; ...2.1467

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Canals; Concentrates; Diquat; Fish; Granules, Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

SUGAR BEET DISEASES ...Cycloate; Pesticide Evaluation; Pesticide Interaction -gen.; Pyrazon; Tillam; ...4.0245

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Chenopodiaceae; Convolvulaceae; Dicamba; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Absorption - other; Translocation; ...4.0249

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Bladex; Convolvulaceae; Grass - nonspecific; Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Arachis; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amiben; Datura; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; Setaria; ...4.0304

WEED CONTROL IN SUGAR BEETS ...Chenopodiaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides - other; ...4.0525

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Dbee, -2,4-; Fish; Haloragaceae; Paraquat; Pesticide Evaluation; Pesticide in Food Chains; Ponds; ...4.0529

Anacardiaceae

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nonatillage; Dacthal; Dipheamid; Linuron, Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

EFFECTS OF HERBICIDES ON TREE FRUITS AND SMALL FRUITS ...Amino Triazole; Fragaria; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticide Safety Measures; ...4.0512

Aquifoliaceae

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Azodrin; Compositae; Ericaceae; Pesticide Application Rates; Pesticide Phytotoxicity; Supracide; Temperature - Air; ...4.0332

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Conifers, Granules, Capsules; Ornamentals; Pesticide Application Rates; Pinus (other Specifics); Senecio; Soil Types -also See Specifics, Washington; ...4.0510

BEE INVESTIGATIONS ...Climates -general; Ericaceae; Lindane; Pollens -see Air Pollution; ...4.0760

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Ericaceae; Juniperus; Pesticide Action on Plants; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; Simazine; Terbacil; ...4.0761

Asclepiadaceae

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Low Temp - But Above 32f; Pesticide Action on Plants; Pesticide Residues; Plant Resistance; Soil Microbiology; Translocation; ...4.0032

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

Berberidaceae

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

Betulaceae

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

FACTORS INFLUENCING THE EFFECTIVENESS OF HERBICIDES ...Agricultural Runoff; Diuron; Irrigation; Pesticide Evaluation; Plant Growth Regulators -ns.; Soil Types -also See Specifics; ...4.0453

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF NUT CROPS ...Animal Life History Studies; Arachnida; C-2307; Guthion; Pesticide Evaluation; Plictran; ...4.0456

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Deciduous Forests; Mammals -nonspecific; Microorganisms; Picea; Plants; Populus; Radiation Sensitivity -man; Vertebrates Excl. Man, X and Gamma Rays; ...5.0769

Boraginaceae

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0069

Cactaceae

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis, Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

Caprifoliaceae

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Ethrel; Leaf Analysis; Plant Resistance; Pyrus -general; Pyrus Malus; Respiration; Translocation; ...4.0505

Caricaceae

PESTICIDE RESIDUE CLEARANCE PROGRAM ...Araceae; Captan; Chemical Analysis; Liquids Or Sprays; Pentachlorophenol; Pesticide Residues; Residues in Foods; ...4.0297

PESTICIDE RESIDUE METABOLITES ...Herbicides and Other Chem; Microorganisms -nonspecific; Organophosphorous Cpds.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0299

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

Caryophyllaceae

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

BIOLOGY AND CONTROL OF INSECT AND OTHER PESTS OF CUT FLOWERS ...Acaricides -nonspecific; Azodrin; Chrysanthemum; Fungicides -nonspecific; Methomyl; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; ...4.0258

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

USE OF HERBICIDES TO CONTROL WEEDS IN FORAGES ...Benefin; Cipc; Diquat; Fertilizers; Medicago; Planavin; Trifluralin; ...4.0350

CHEMICAL CONTROL OF PERENNIAL BROADLEAVED WEEDS IN ALFALFA ...Atrazine; Cruciferae; Medicago; Pesticide Residues; Terbacil; ...4.0520

CELL SPECIALIZATION IN SHOOT APICAL MERISTEMS AS RELATED TO RADIOSENSITIVITY AND HISTOGENESIS ...Euphorbiaceae; Labiatae; Physical Mutagenesis; Plants; Radiation Sensitivity -man; X and Gamma Rays; Zea Mays - Field Corn; ...5.0615

Celastraceae

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS ...Absorption (incl. Adsorption); Calcium; Cellular Biosynthesis; Ion Transport and Elect. Pot.; Mineral Nutrition; Passive Transport, Diffusion; Radioactive Fallout-cf Fallout; Soil Temp. -non-specific; Zinc; ...5.0409

Ceratophyllaceae

THE RATE OF NITROGEN AND PHOSPHORUS STRIPPING FROM SEWAGE LAGOONS BY AQUATIC ANGIOSPERMS ...Absorption (incl. Adsorption); Haloragaceae; Nitrogen and Nitrogen Cpds.; Nymphaeaceae; Phosphorus and Phosphorus Cpds; Ranunculaceae; Waste Water Treatment -general; ...2.1304

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Eutrophication; Fertilizers -aquatic; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Potamogetonaceae; ...2.1650

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Biological Effects; Chemical Effects; Herbicides and Other Chem; Metabolism of Algacides; Oxygen Content (water); Ponds; Water Quality -general; ...4.0392

Chenopodiaceae

EARLY DIAGNOSIS OF POLLUTION-INDUCED PLANT DAMAGE ...Air Pollution -see Specifics; Kinetics; Nicotiana; Photosynthesis; Vegetables; ...1.0424

VEGETABLE CROPS IMPROVEMENT THROUGH BREEDING ...Allium; Daucus Species; Fusarium; Phosphorus and Phosphorus Cpds; Vegetables; ...1.0435

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Climate; Computer Methods -general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure -other; Water Reuse; ...2.0031

DESIGNING AND TESTING HYDRAULIC HANDLING SYSTEMS FOR POTATOES, SUGAR BEETS AND OTHER CROPS ...Plant Pathology - Env. Relat.; Plant Waste Removal, Treatment; Solanum, Storage Changes; Vegetables; ...3.0157

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; D, 2,4-; Fish; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Zea Mays - Field Corn; ...4.0074

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Dicamba; Pesticide Action on Plants; Pesticide Persistance in Soils; Plant Resistance; Soil Aeration; Soil Moisture; Temperature - Air; ...4.0091

ANNUAL WEED CONTROL IN ROW CROPS ...Alachlor; Liquids Or Sprays; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Tenoran; Vegetables; ...4.0104

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

REPLACEMENT OF CULTIVATION WITH CHEMICALS ...Algae -nonspecific; Bacteria -nonspecific; Herbicides -nonspecific; Poland; Soil Chemical Properties; Soil Moisture; Tillage, Cropping Systems; ...4.0168

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

SUGAR BEET DISEASES ...Amaranthaceae; Cycloate; Pesticide Evaluation; Pesticide Interaction -gen.; Pyrazon; Tillam; ...4.0245

CONTROL OF WEEDS AND INSECTS IN SUGAR BEETS ...Herbicides -nonspecific; Pesticide Action on Plants; Pesticide Phytotoxicity; ...4.0246

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Amaranthaceae; Convolvulaceae; Dicamba; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Absorption -other; Translocation; ...4.0249

HERBICIDE SCREENING STUDIES ON SUGAR BEETS ...Bioassay; Computer Methods -general; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Residues; ...4.0251

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

SUGAR BEET VARIETAL AND HERBICIDE INVESTIGATIONS ...Disease Resistance; Herbicides -nonspecific; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Evaluation; Pesticide Residues; Sorghum; ...4.0313

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg, Pesticide Rates -general; Plant; Residues in Foods; Vegetables; ...4.0348

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Dalapon; Herbicides -nonspecific; Panicum -other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

NON-TOXIC OIL SPRAYS TO CONTROL LEAF DISEASES OF CROPS ...Fungicides -nonspecific; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity, Septoria; ...4.0367

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus, Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis, Pesticide Residues in Feeds; Plant; Solanum; ...4.0435

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

SUGAR BEETS FOR PENNSYLVANIA ...Irrigation; Pesticide Residues; Soil Depth; Soil Fertility; ...4.0462

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Secale; Solanum; Vicia; ...4.0469

HERBICIDAL WEED CONTROL IN ALFALFA IN WYOMING ...Atrazine; Medicago; Pesticide Evaluation; Pesticide Residues; Rp-11561; Terbacil; ...4.0524

WEED CONTROL IN SUGAR BEETS ...Amaranthaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; ...4.0525

FIELD AND LABORATORY INVESTIGATIONS OF INSECTICIDES ...Animal Resistance; Endrin; Pesticide Application Rates; Pesticide Formulation; Residues in Foods; Triticum; ...4.0757

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus, Sevin; Temperature - Air; ...4.0941

EFFECT OF HERBICIDES ON PROVITAMIN A VALUE OF SELECTED RAW AND COOKED VEGETABLES ...Amino

Triazole; Daucus Species; Muridae; Residues in Foods; Vegetables; ...4.0987

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chlorinated Hydrocarbons; Insecticides -nonspecific; Organophosphorous Cpds.; Plant; Rhizosphere; Soil Microbiology; Trifolium; ...4.1043

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Benlate; Ethrel; Penicillium; Pesticide Residues Removal; Respiration; TBZ; ...4.1047

A STUDY OF THE HORTICULTURE SPECIALTY INDUSTRY IN MISSISSIPPI ...Brassica Species; Dacthal; Lycopersicum; Residues in Foods; Trifluralin; ...4.1053

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Dieldrin; Dimethoate; Insect Resistance; Parathion; Pesticide Residues, Sorghum; Triticum; ...4.1115

EFFECTS OF GAMMA-IRRADIATION ON DNA TRANSCRIPTION AND RNA TRANSLATION IN PLANTS ...Cell Injury and Autolysis; Nitrogen Metabolism; Plants; Radiation Effects -see Rad.; ...5.0323

Compositae

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0069

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Azodrin; Ericaceae; Pesticide Application Rates; Pesticide Phytotoxicity; Supracide; Temperature - Air; ...4.0332

PHYSIOLOGICAL AND MORPHOLOGICAL RESPONSE OF PLANTS TO HERBICIDES ...IAA; Pesticide Interaction -gen.; Plant Absorption -other; Poa Pratensis; Trifolium; ...4.0439

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

RECOVERY OF A NATURAL PLANT COMMUNITY FOLLOWING EXPOSURE TO BETA RADIATION FROM SIMULATED FALLOUT PARTICLES ...Plant Ecology -nonspecific; Plants; Radioactive Fallout-cf Fallout; Range Or Territorial Distr.; Seeds; ...5.0545

GENETIC EFFECTS OF ACUTE BETA IRRADIATION FROM SIMULATED FALLOUT PARTICLES UPON NATURAL POPULATIONS OF VIGUIERA PORTERI ...Beta Particles; Plants; Radiation Effects -see Rad.; Seeds; ...5.0546

Ambrosia

CHANGING VEGETATION AND ATMOSPHERIC POLLEN ...Air Pollution -see Specifics; Economics of Natural Resources; Lakes; Plant Competition; Pollen -see Pollen; Rural Areas; Urban Environment; Wind -see Air Motion; ...1.0076

CONTINUE QUANTITATIVE STUDIES OF RAGWEED POLLEN IN SARATOGA SPRINGS, NEW YORK IN RELATION TO DIURNAL VARIATIONS, LOCATION AND OTHER CONDITIONS ...Air Pollution Sampling; Atmospheric Dynamics; Diel, Diurnal Distribution; Humidity - Water Vapor; Pollen -see Pollen; Temperature - Air; ...1.0256

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulacese; Cucurbitacese; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Bladex; Convolvulaceae; Grass -nonspecific; Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; Setaria; ...4.0304

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

WEED CONTROL IN AGRONOMIC CROPS ...Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; Zea Mays - Field Corn; ...4.0982

Artemisia

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...4.0418

EFFECTS OF HERBICIDES ON USE OF SAGEBRUSH LANDS BY WILDLIFE ...Animal Habitat Studies; Birds; Cervus; Deer -nonspecific; Food Supply; Grouse; Herbicides -nonspecific; Mammals; Pesticide Action on Animals; Plant Succession; Wildlife -nonspecific; ...4.0580

EFFECTS OF CHEMICAL SAGEBRUSH CONTROL ON MULE DEER IN THE MISSOURI RIVER BREAKS, MONTANA ...Animal Habitat Studies; Ground Census; Mammals; Odocoileus; Telemetry; Wildlife Habitat Management; ...4.0749

EFFECTS OF BETA AND GAMMA RADIATION ON DESERT VEGETATION ...Deserts, Arid Lands; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; X and Gamma Rays; ...5.0183

Aster

EFFECTS OF GAMMA RADIATION ON HERBACEOUS SPECIES IN A NORTHERN HARDWOOD FOREST ...Deciduous Forests; Plant Ecology -nonspecific; Radiation Effects -see Rad.; Radioecology - Plants; X and Gamma Rays; ...5.0548

Carduus

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cotoran; Gossypium; Herbicides and Other Chem; Malvaceae; Pesticide Formulation; Prometryne; Respiration; Seeds; ...4.0190

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

Carthamus

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

IMPROVEMENT OF OIL SEED CROPS THROUGH THE DEVELOPMENT OF SUPERIOR VARIETIES AND CULTURAL METHODS ...Alternaria; Fungal Resistance; Helianthus; Irrigation; Linaceae; Pesticide Application Rates; Planting Methods; ...4.0394

Centaurea

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Convolvulaceae; Cynodon; Fumigants -nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology - nonspecific; Solanum; Vitaceae; ...4.0191

Chrysanthemum

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Chlorine; Industrial Pollution -general; Lycopersicum; Nicotiana; Northeast U. S.; ...1.0418

CONSERVATION OF RESOURCES IN MUNICIPAL WASTES ...Bromacil; Cotoran; Pennisetum; Plant Residues, Humus, Compost; Soil - Crop Relationships; Soil Cover Crops; Trifluralin; ...3.0046

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Diazinon; Furadan; Landrin; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

BIOLOGY AND CONTROL OF INSECT AND OTHER PESTS OF CUT FLOWERS ...Acaricides -nonspecific; Azodrin; Fungicides -nonspecific; Methomyl; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; ...4.0258

BIONOMICS OF THE PLANT NEMATODE TRICHODORUS CHRISTIEI ...Aliphatic Carbamates; Mocap; Ornamentals; Pesticide Evaluation; Population Dynamics -general; Zinophos; ...4.0260

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Cyclic Organic Cpds. -(1 Or ; Fore ; Kelthane; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; Rosa; ...4.0271

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Azodrin; Compositae; Ericaceae; Pesticide Application Rates; Pesticide Phytotoxicity; Supracide; Temperature - Air; ...4.0332

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

Cichorium

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

Cirsium

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Persistance in Soils, Plant Resistance; Soil Aeration; Soil Moisture; Temperature - Air; ...4.0091

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Cynodon; Fumigants -nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Solanum; Vitaceae; ...4.0191

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

MISCELLANEOUS CHEMICAL INVESTIGATIONS ...Chemical Analysis; Electrochemistry; Insecticides -nonspecific; Pesticide Evaluation; ...4.1067

Helianthus

PLANT GROWTH RESPONSES TO AIR POLLUTANTS ...Air Pollution -see Specifics; Growth; Herbicides and Other Chem; Metabolism; Sulfur Dioxide; Transpiration and Evap; ...1.0415

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

IMPROVEMENT OF OIL SEED CROPS THROUGH THE DEVELOPMENT OF SUPERIOR VARIETIES AND CULTURAL METHODS ...Alternaria; Fungal Resistance; Irrigation; Linaceae; Pesticide Application Rates; Planting Methods; ...4.0394

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

Lactuca

INFLUENCE OF ENVIRONMENT, CHEMICAL ADDITIVES AND AIR POLLUTANTS ON APPARENT PHOTOSYNTHESIS AND RESPIRATION ...Absorption (incl. Adsorption); Industrial Pollution -general; Nitrogen and Nitrogen Cpds., Parathion; Phaseolus, Respiration; ...1.0324

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies, Biological Control; Diazinon; Granules, Capsules; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

LIFE CYCLE, PHYSIOLOGY AND CONTROL OF PERENNIAL WEEDS AFFECTING SUBTROPICAL FRUIT CROPS ...Alachlor; Cynodon; Cyperaceae; Pesticide Action on Plants; Pesticide Evaluation; Sub - Tropic Regions; ...4.0236

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming - vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming -vegetables; ...4.0272

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance, Raphanus; Solanum; Trifluralin; ...4.0284

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Citrus; Fragaria; Fruit, Nut, and Berry Crops; Fumigants -nonspecific; Horticultural Crops - general; Pesticide Organoleptic Prop.; Phaseolus; Residues in Foods; Vegetables; ...4.0929

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Labiatae; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Beta Particles; Pisum; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; Triticum; Zea Mays - Field Corn; ...5.0106

STUDY OF RADIONUCLIDE EFFECTS ON PLANT GROWTH - WITH SPECIAL REGARD TO PLANT DAMAGE CAUSED BY IONIZING RADIATION ...Beta Particles; Dosimetry; Plants; Radioactive Isotopes; Triticum; Yttrium; ...5.0118

Senecio

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Aquifoliaceae; Conifers; Granules, Capsules; Ornamentals; Pesticide Application Rates; Pinus (other Specifics); Soil Types -also See Specifics; Washington; ...4.0510

Taraxacum

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

Vernonia

LIPOLYSIS OF MILK AND OTHER ANIMAL FATS AS INFLUENCED BY PESTICIDE RESIDUES ...DDT; Food Contamination; Parathion; Pesticide Formulation; Pesticide Rates - general; Sevin; ...4.0582

Xanthium

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Blades; Convolvulaceae; Grass - nonspecific; Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; ...4.0287

Zinnia

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Rain; Sulfhydryl Compounds; Vegetables; ...4.0309

Convolvulaceae

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0067

ANNUAL AND PERENNIAL WEED CONTROL IN SORGHUM, WINTER WHEAT AND SUMMER FALLOWED LAND ...Atrazine; Chemical Tillage Or Nontillage; Minimum Tillage; Pesticide Evaluation; Pesticide Persistance in Soils; Sorghum; Tillage, Cropping Systems; ...4.0113

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Gossypium; Herbicides and Other Chem; Malvaceae; Pesticide Formulation; Prometryne; Respiration; Seeds; ...4.0190

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Cynodon; Fumigants -nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Solanum; Vitaceae; ...4.0191

WEED CONTROL IN SUGARBEETS FOR THE INTER-MOUNTAIN WEST ...Amaranthaceae; Chenopodiaceae; Dicamba; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Absorption - other; Translocation; ...4.0249

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Blades; Grass -nonspecific; Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus; Cucumis Sativus; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Phaseolus; Planavin; Tok; Vegetables; ...4.0292

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; Setaria; ...4.0304

WEED CONTROL INVESTIGATIONS ...Atrazine; Cultural Control; Pesticide Movement in Soils; Picloram; Surfactants - Wetting Agents; Triticum; ...4.0314

BIOLOGY AND CONTROL OF VEGETABLE INSECTS ...Bacillus Thuringiensis; Biological Control; Furadan; Liquids Or Sprays; Monitor; Pesticide Evaluation; Thuricide; ...4.0354

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

STUDIES ON VINEYARD TILLAGE ...D, 2,4-; Diuron; Pesticide Application Rates; Pesticide Formulation; Pesticide Safety Measures; Simazine; Terbacil; Vitaceae; ...4.0415

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Digitaria; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...4.0418

Cornaceae

EFFECTS OF GAMMA RADIATION ON HERBACEOUS SPECIES IN A NORTHERN HARDWOOD FOREST ...Aster; Deciduous Forests; Plant Ecology -nonspecific; Radiation Effects - see Rad., Radioecology - Plants; X and Gamma Rays; ...5.0548

Cruciferae

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Cynodon; Fumigants - nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Solanum; Vitaceae; ...4.0191

USE OF HERBICIDES TO CONTROL WEEDS IN FORAGES ...Benefin; Cipc; Diquat; Fertilizers; Medicago; Planavin; Trifluralin; ...4.0350

EVALUATION OF HERBICIDES AND THEIR INFLUENCE ON THE PHYSIOLOGY OF VEGETABLE CROPS ...Absorption (incl. Adsorption); Irrigation; Pesticide Application Rates; Pesticide Phytotoxicity; Respiration; Trifluralin; ...4.0473

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

CHEMICAL CONTROL OF PERENNIAL BROADLEAVED WEEDS IN ALFALFA ...Atrazine; Caryophyllaceae; Medicago; Pesticide Residues; Terbacil; ...4.0520

HERBICIDAL WEED CONTROL IN ALFALFA IN WYOMING ...Atrazine; Chenopodiaceae; Medicago; Pesticide Evaluation; Pesticide Residues; Rp-11561; Terbacil; ...4.0524

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

Arabidopsis

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS (ABBREV) ...Fast Neutrons; Physical Mutagenesis; Radiation Effects -see Rad., Zea Mays - Field Corn; ...5.0533

RADIATION CYTOGENETICS OF HIGHER PLANTS ...Growth; Neutron -see Radiation; Protons; Somatic Mutation; Zea Mays - Field Corn; ...5.0534

Armoracia

METHODS IN SPECTROGRAPHIC ANALYSIS OF SOILS & PLANTS FOR MINOR ELEMENTS ...Anima' Migration; Atomic Absorption; Drainage; Emission Spectroscopy, Fluorometry; Soil Analysis; X-ray Spectroscopy; ...2.0580

Brassica Species

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0389

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Persistance in Soils; Plant Resistance; Soil Aeration; Soil Moisture; Temperature - Air; ...4.0091

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture, Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0178

ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Malathion; Parathion; Pesticide Application Rates; Pesticide in Food Chains; Pesticide Residues Removal; Residues in Foods; ...4.0202

INSECT PESTS Of ARIZONA VEGETABLE CROPS ...Animal Life History Studies, Biological Control; Diazinon; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Apium Species; DDT; Parathion; Pesticide Residues; Pesticide Residues Removal; Temperature - Air; Vegetables; ...4.0266

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipteres; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides - other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Citrullus; Cucumis Sativus; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Phaseolus; Planavin; Tok; Vegetables; ...4.0292

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Rain; Sulfhydryl Compounds; Vegetables; ...4.0309

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Benzulide; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

WEED CONTROL IN SOYBEANS ...Atrazine; Glycine; Pesticide Evaluation; Plant Resistance; Tenoran; ...4.0366

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

CABBAGE MAGGOT AND ITS CONTROL ...Bayer 25141; Dyphonate; Furrowing Or Hilling; Pesticide Evaluation; Zinophos; ...4.0412

HERBICIDES FOR VEGETABLES ...Allium; Cucumis Sativus; Fungal Resistance; Pesticide Evaluation; Plant Resistance; Soil Environment -other; Tok; Virus Resistance; ...4.0420

WEED CONTROL STUDIES WITH HORTICULTURAL CROPS ...Amino Triazole; Dichlobenil; Paraquat; Pesticide Application Rates; Pesticide Interaction With Env; Soil Environment -other; Vegetables; Zea Mays - Sweet Corn; ...4.0438

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cips; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

EVALUATION OF HERBICIDES AND THEIR INFLUENCE ON THE PHYSIOLOGY OF VEGETABLE CROPS ...Absorption (incl. Adsorption); Cruciferae; Irrigation; Pesticide Application Rates; Pesticide Phytotoxicity; Respiration; Trifluralin; ...4.0473

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium, Cdaa; Cyclic Organic Cpds. --( ) Or , Foreign Agriculture, Nitrogen and Nitrogen Cpds., Pesticide Evaluation, Pesticide Residues, Plant, Propachlor; Translocation; Vegetables; ...4.0528

CONTROL OF INSECT PESTS OF VEGETABLES BY INSECTICIDES AND PLANT RESISTANCE ...Animal Resistance; Chlordan, Insect Resistance; Pesticide Evaluation; Solanum; Thimet; ...4.0684

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Chenopodiaceae; Citrus, Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; Zea Mays - Field Corn; ...4.0982

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Chemical Analysis; Dieldrin; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Pyrus Malus; Sevin; ...4.0990

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron, Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

A STUDY OF THE HORTICULTURE SPECIALTY INDUSTRY IN MISSISSIPPI ...Dacthal; Lycopersicum; Residues in Foods; Trifluralin; ...4.1083

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Cajanus; Caricaceae; DDT, Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

PESTICIDE RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Bioassay; Cladocera; Fish; Leaf Analysis; Pesticide in Food Chains; Trifluralin; ...4.1111

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Heptachlor; Liquids Or Sprays; Pesticide Residue Analysis; Pesticide Residues in Feeds; Pesticide Toxicity in Animals; TDE; ...4.1114

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Bacillus Thuringiensis; Chemical Analysis; Gas Chromatography; Pesticide Evaluation; Pesticide Residues; Soil Contamination -other; Thimet; ...4.1132

Raphanus

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Solanum; Trifluralin; ...4.0284

DEVELOP TECHNIQUES FOR DECONTAMINATING SOILS POLLUTED WITH RADIOACTIVE MATERIALS OR HEAVY METALS ...Bioindicators; Lead; Mineral Nutrition; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Zea Mays - Field Corn; ...5.0041

Cucurbitaceae

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

Citrullus

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming -vegetables; ...4.0265

PRELIMINARY EXPLORATORY RESEARCH AT THE SOUTH FLORIDA FIELD LABORATORY ...Fruit, Nut, and Berry Crops; Fusarium; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; Pinolene; Vegetables; ...4.0273

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS ...Cipc; Dichlobenil; Florida; Fruit, Nut, and Berry Crops; Herbicides -nonspecific; Mineral Nutrition; Pesticide Phytotoxicity; Prunus Persica; Vitaceae; ...4.0279

CHEMICAL CONTROL OF SOIL FUNGI, NEMATODES, AND WEEDS AFFECTING WATERMELONS ...Fumigants -nonspecific; Nematoda; Pesticide Evaluation; Pesticides -other; Pythium; Soil Fungi -nonspecific; ...4.0280

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Cucumis Sativus; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Phaseolus; Planavin; Tok; Vegetables; ...4.0292

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

Cucumis Melo

REACTIONS OF VEGETABLE CROPS TO APPLIED CHEMICALS, EXCLUSIVE OF NUTRIENTS ...Allium; Dacthal; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0241

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

Cucumis Sativus

CHEMISTRY OF PESTICIDES IN SOILS ...Arsenic; Chemical Analysis; DDT; Pesticide Residue Analysis; Plant Resistance; Zea Mays - Field Corn; ...4.0119

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

PLANT RESPONSE TO ORGANIC CHEMICALS IN THE ROOT ENVIRONMENT ...Absorption (incl. Adsorption); Amiben; Cellular Catabolism-see Degrad; Dicamba; Mutagenesis -nonspecific; Pesticide Degradation -see Deg; Plant Resistance; ...4.0154

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

PHYTOTOXICITY OF 3-AMINO-1,2,4-TRIAZOLE ...Amino Triazole; Cellular Biosynthesis; Cellular Metabolism - Controls; Enzymes; Nitrogen Metabolism; Pesticide Phytotoxicity; Phaseolus; ...4.0203

REACTIONS OF VEGETABLE CROPS TO APPLIED CHEMICALS, EXCLUSIVE OF NUTRIENTS ...Allium; Cucumis Melo; Dacthal; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0241

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming -vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming -vegetables; ...4.0272

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Phaseolus; Planavin; Tok; Vegetables; ...4.0292

ABSORPTION, TRANSLOCATION, AND METABOLISM OF HERBICIDES BY CROP AND WEED SPECIES ...Absorption (incl. Adsorption); Amiben; Gramineae -other; Herbicides and Other Chem; Mississippi; Radioisotopes -nonspecific; ...4.0374

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

HERBICIDES FOR VEGETABLES ...Allium; Fungal Resistance; Pesticide Evaluation; Plant Resistance; Soil Environment -other; Tok; Virus Resistance; ...4.0420

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Glycine; Nitrogen Metabolism; Pennisetum; Pesticide Phytotoxicity; Plant Absorption -other; Propachlor; Zea Mays - Field Corn; ...4.0482

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Maloran;

Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

Cucurbita

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Actinomycin; Cellular Biosynthesis; Endothall; Growth Substances; Nitrogen Metabolism; Pesticide Action on Plants; ...4.0223

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming -vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming -vegetables; ...4.0272

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

EVALUATION OF CHEMICAL FORMULATIONS AND ENERGY PROCESSES AS SEED TREATMENTS OF MAJOR CROP PLANTS ...Avena Sativa; Metal Organics -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Temperature - Air; Triticum; Vitavax; ...4.0410

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Dicamba; Herbicides and Other Chem; Medicago; Pesticide Application Rates; Plant Resistance; Pyrazon; ...4.0493

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; Cell Injury and Autolysis; D, 2,4-, Dicamba; Herbicides and Other Chem; Pesticide Action on Plants; Phaseolus; Propachlor; Translocation; ...4.0875

EFFECT OF HERBICIDES ON PROVITAMIN A VALUE OF SELECTED RAW AND COOKED VEGETABLES ...Amino Triazole; Chenopodiaceae; Daucus Species; Muridae; Residues in Foods, Vegetables; ...4.0957

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Liquids Or Sprays; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Plant Growth Regulators -ns-; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

Ebenaceae

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

Ericaceae

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Gas Chromatography; Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

TRANSLOCATION OF PESTICIDES FROM CRANBERRY BOGS TO THEIR SURROUNDINGS ...Aquatic Soils; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutants - Path of; ...4.0124

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Azodrin; Compositae; Pesticide Application Rates; Pesticide Phytotoxicity; Supracide; Temperature - Air; ...4.0332

ARSENIC STUDIES WITH BLUEBERRIES AND POTATOES ...Arsenic; Plant Absorption -other; Sandy Soils -see Soil Type; Solanum; ...4.0335

EFFECTS OF NUTRITIONAL LEVELS ON ORGANOLEPTIC QUALITY OF FRUITS AND VEGETABLES ...Home Economics; Pesticide Action on Plants; Pesticides -nonspecific; Pyrus Malus; Residues in Foods; ...4.0336

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Euphorbiaceae; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0355

CRANBERRY DISEASES AND THEIR CONTROL ...Benlate; Ferbam; Guignardia; Maneb; Pesticide Application Rates; Pesticide Phytotoxicity; Swamps - Marshes; ...4.0402

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...4.0418

DISEASES OF CULTIVATED BLUEBERRIES IN NORTH CAROLINA ...Botryosphaeria; Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Nematoda; Pesticides -other; Temperature - Air; ...4.0428

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Pesticide Evaluation; Pesticide Phytotoxicity; Pinus; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

BIONOMICS AND CONTROL OF INSECT PESTS AFFECTING SMALL FRUITS ...Domestic Animals; Guthion; Insect Resistance; Low Volume; Methomyl; Pesticide Evaluation; Vitaceae; ...4.0673

BEE INVESTIGATIONS ...Aquifoliaceae; Climates -general-; Lindane; Pollens -see Air Pollution; ...4.0760

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Aquifoliaceae; Juniperus; Pesticide Action on Plants; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; Simazine; Terbacil; ...4.0761

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

ECONOMICS OF PERSISTENT INSECTICIDE RESIDUES ...Degradation; Environment Accumulation Rates; Literature Search; Methyl Parathion; Pesticide Residues; Phenols; ...4.1050

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Ciodrin; DDT; Gardona; Metabolites From Pesticides; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant Growth Regulators -ns.; ...4.1076

Euphorbiaceae

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0355

NUTRITION AND ENVIRONMENT OF FLORAL CROPS ...Botrytis; Exotherm; Mineral Nutrition; Ornamentals; Pesticide Phytotoxicity; ...4.0357

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes - nonspecific; Saccharum; Tropical Regions; ...4.1107

CELL SPECIALIZATION IN SHOOT APICAL MERISTEMS AS RELATED TO RADIOSENSITIVITY AND HISTOGENESIS ...Caryophyllaceae; Labiatae; Physical Mutagenesis; Plants; Radiation Sensitivity -man; X and Gamma Rays; Zea Mays - Field Corn; ...5.0615

Fagaceae

Quercus

FOREST TREE IMPROVEMENT THROUGH SELECTION AND BREEDING ...Abies; Air Pollution -see Specifics; Forest Pathology; Juglans; Magnoliaceae; Pinus Nigra; Populus; ...1.0414

AIR POLLUTION EFFECTS ...Animal Life History Studies; Hamamelidaceae; Oleaceae; Pinus Nigra; Pinus Virginiana; Plant Response to Env. -ns; ...1.0419

ORGANIC MATTER RELATIONSHIPS OF SPOIL BANKS ...Animal Productivity; Forest Litter, Duff & Humus; Soil Chemical Properties; Soil Microbiology; Soil pH; ...3.0033

PAPER AND FIBERBOARD PROCESSES ...Additives; Combustion Air Pollution-gen; Fabrication; Industrial Wastes; Materials, Composite; Pulp and Paper; Solanum; ...3.0407

CONTROL METHODS FOR JUNIPERS, SHRUB LIVE OAK, AND ASSOCIATED WEEDS ...Climates -general; Fenuron; Granules, Capsules; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Plants - Dicotyledons, ...4.0007

USE OF FENURON IN CONTROL OF SCRUB OAK ...Fenuron; Granules, Capsules; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Pinus Taeda; ...4.0173

RESPROUTING OF CHAPARRAL ...D, 2,4-; Granules, Capsules; Pesticide Evaluation; Pesticides -see Pesticide; Plant Phenology; T, 2,4,5-; ...4.0234

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Rain; Sulfhydryl Compounds; Vegetables; ...4.0369

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

ENVIRONMENTAL BIOLOGY - METABOLISM AND PRODUCTION OF A FOREST ...Carbon; Photosynthesis; Plant Ecology - nonspecific; Plants; Radioecology - Plants; X and Gamma Rays; ...5.0900

Geraniaceae

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Abscission; Air Pollution -see Specifics; Computer Methods -general; Herbicides and Other Chem; Pollutant Resistance; ...1.0357

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

Gesneriaceae

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways - see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

Guttiferae

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

Haloragaceae

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Algae -nonspecific; Aquatic Soils; Ecological Effects; Eutrophication; Hydrocharitaceae; Phytoplankton; Plant Succession; Potamogetonaceae; ...2.0266

THE RATE OF NITROGEN AND PHOSPHORUS STRIPPING FROM SEWAGE LAGOONS BY AQUATIC ANGIOSPERMS ...Absorption (incl. Adsorption); Ceratophyllaceae; Nitrogen and Nitrogen Cpds.; Nymphaeaceae, Phosphorus and Phosphorus Cpds; Ranunculaceae; Waste Water Treatment -general; ...2.1304

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; D, 2,4-; Dichlobenil; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Simazine; ...4.0004

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules, Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources; Aquatic Soils; Growth; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Photoperiodism; Plant Tissue Analysis -chem.; Temperature (water); ...4.0053

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Aeration (water); Degradation; Formulations -nonspecific; Herbicides -nonspecific; Metabolites From Pesticides; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; ...4.0518

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Dbee, -2,4-; Fish; Paraquat; Pesticide Evaluation; Pesticide in Food Chains; Ponds; ...4.0529

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

Hamamelidaceae

AIR POLLUTION EFFECTS ...Animal Life History Studies; Oleaceae; Pinus Nigra; Pinus Virginiana; Plant Response to Env. - ns; Quercus; ...1.0419

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

Juglandaceae

Carya

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS ...Bioassay; Fruit, Nut, and Berry Crops; Growth Substances; Herbicides and Other Chem; Photosynthesis; Radioisotopes -nonspecific; Tiba; ...4.0315

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops - general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

SOUTHEAST KANSAS EXPERIMENTAL FIELD ...Drainage; Fruit, Nut, and Berry Crops; Juglans; Ornamentals; Pesticide Evaluation; Pesticide Residues; Vegetables; ...4.0326

RESIDUES AND BREAKDOWN PRODUCTS OF CHEMICAL FUNGICIDES IN PECAN NUTS ...Carbon Disulfide; Chemical Analysis; Dodine; Fruit, Nut, and Berry Crops; Zinc; ...4.1003

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

Juglans

FOREST TREE IMPROVEMENT THROUGH SELECTION AND BREEDING ...Abies; Air Pollution -see Specifics; Forest Pathology; Magnoliaceae; Pinus Nigra; Populus; ...1.0414

SOUTHEAST KANSAS EXPERIMENTAL FIELD ...Carya; Drainage; Fruit, Nut, and Berry Crops; Ornamentals; Pesticide Evaluation; Pesticide Residues; Vegetables; ...4.0326

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

Labiatae

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Equipment; Nematoda; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Cynodon; Fumigants - nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Solanum; Vitaceae; ...4.0191

INVESTIGATIONS OF MINT DISEASES ...Benlate; Fumigants - nonspecific; Pesticide Evaluation; Solanum; Verticillium; ...4.0359

SURVEY OF NEW COMPOUNDS AND MIXTURES FOR BIOLOGICAL ACTIVITY ...Acer Species; Concentrates; Liquids Or Sprays; Pesticide Evaluation; Pesticide Safety Measures; Pyrethrum; Sbp 1382; ...4.0397

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; Citrus; DDT; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Moraceae; Pesticide Action on Plants; Pisum; Thimet; Zea Mays - Field Corn; ...4.1102

CORRELATIVE ACTION OF THE GAMMA-IRRADIATED LEAF ON ROOT INITIATION IN COLEUS ...Grafting & Other Nonsex Prop; Growth Substances; Nitrogen and Nitrogen Cpds.; Nucleic Acid Compounds; Radiation Effects -see Rad.; X and Gamma Rays; ...5.0277

RESPONSE OF HORTICULTURAL PLANTS TO ACUTE GAMMA RADIATION ...Neutron -see Radiation; Physical Mutagenesis; Plants; Radiation, Whole Body; Rate of Mutation; X and Gamma Rays; ...5.0614

CELL SPECIALIZATION IN SHOOT APICAL MERISTEMS AS RELATED TO RADIOSENSITIVITY AND HISTOGENESIS ...Caryophyllaceae; Euphorbiaceae; Physical Mutagenesis; Plants; Radiation Sensitivity -man; X and Gamma Rays; Zea Mays - Field Corn; ...5.0615

Lauraceae

PEST CONTROL OF AVOCADO ...Arachnida; Chlorphenamidine; Domestic Animals; Furadan; Insects - Beneficial; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Pesticides Compatibility; Pyrethrum; ...4.0233

Leguminosae

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Loss Damages - Recreation; Recreation; Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Food Processing Industries; Gallus Domesticus; Infiltration; Nitrogen and Nitrogen Cpds.; Percolation (water); Phosphorus and Phosphorus Cpds, Soil Moisture; Sprinkler Irrigation; Water Quality -general; ...2.1287

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Erosion; Gramineae -other; Mine Wastes; Soil Chemical Properties; Soil Fertility; Soil Moisture; Water Pollution Sources; ...3.0029

TREATMENT OF TAILINGS TO ENHANCE PLANT GROWTH AND PROMOTE STABILIZATION OF TAILINGS ...Bibliography; Lead; Mine Wastes; Mining Industry; Soil Amendments; Toxic Minerals; Zinc; ...3.0043

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; Endothall; Hordeum Vulgare; Pesticide Action on Plants; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus, Cucumis Sativus; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Phaseolus; Planavin; Tolr; Vegetables; ...4.0292

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Plant Phenology; Radiation Effects -see Rad.; Radiation Sensitivity - man; Radioactive Fallout-cf Fallout; Tropical Regions; ...5.0218

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

Acacia

EFFECTS OF AIR POLLUTANTS ON PLANT SYSTEMS ...Absorption (incl. Adsorption); Aging; Climates -general; Growth; Humidity; Ornamentals; Respiration; ...1.0383

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

Albizzia

BIOLOGY, ECOLOGY, AND CONTROL OF INSECT PESTS ...Acer Species; Aliphatic Carbamates; Arachnida; Biological Control; Chlorinated Hydrocarbons; Dimethoate; Meta - Systox; Pesticide Evaluation; Sevin, ...4.0809

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES ...Cellular Metabolism - Controls; Growth; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Temperature; X and Gamma Rays; ...5.0414

Arachis

EFFECT OF SO2 ON METABOLIC PATHWAYS IN HIGHER PLANTS ...Industrial Pollution -general; Nitrogen Metabolism; Radioisotopes -nonspecific; Sulfur Dioxide; ...1.0311

SELECTED AIR POLLUTANTS AFFECTING PLANTS AND HEALTH ...Air Pollution -see Specifics; Food Processing Industries; Livestock -no specific; Mammals -nonspecific; Respiratory Irritants, Inhaled; ...1.0423

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Cotoran; Leaching; Msma; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

PLANT RESPONSE TO ORGANIC CHEMICALS IN THE ROOT ENVIRONMENT ...Absorption (incl. Adsorption); Amiben, Cellular Catabolism-see Degrad; Dicamba; Mutagenesis -nonspecific; Pesticide Degradation -see Deg; Plant Resistance; ...4.0154

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Degradation; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

ETIOLOGY OF MERCURIAL PHYTOTOXICITY (FAT LEG) OF SEED PEANUTS ...Chlorine; Herbicides and Other Chem; Mercury; Metal Organics -nonspecific; Pesticide Phytotoxicity; Soil Depth; Soil Temp. -non-specific; ...4.0290

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

SUPPRESSION OF MYCOFLORA AND MYCOTOXINS IN NEWLY COMBINED, PARTIALLY CURED PEANUTS ...Aerosols - Smokes, Fogs, Steam; Fungicides -nonspecific; Pesticide Phytotoxicity; Sulfur Dioxide; ...4.0448

FATE OF HERBICIDES IN PLANTS AND SOILS ...Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal, Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

PESTICIDE RESIDUES AND METABOLITES ...Gas Chromatography; Pesticide in Food Chains; Pesticide Residue Analysis; Pesticide Tolerance Rate; Sevin; ...4.0942

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides - other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Pyrus Malus; Sevin; ...4.0990

COMPARISON OF NUTRIENTS OF PEANUTS FROM SOILS WITHOUT AND WITH LINDANE TREATMENT ...Fruit Analysis; Herbicides and Other Chem; Lindane; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Pesticide Phytotoxicity; Residues in Foods; ...4.1119

NUTRIENT COMPOSITION OF PEANUTS GROWN ON LINDANE TREATED SOIL ...Irrigation; Lindane; Pesticide Evaluation; Residues in Foods; ...4.1121

RADIATION GENETICS AND RADIATION RESISTANCE IN PEANUTS ...Physical Mutagenesis; Plants; Radiation Resistance; Radiation Sources -general; Temperature - Air; ...5.0554

Cajanus

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

Cassia

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Bladex; Convolvulaceae; Grass - nonspecific; Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cotoran; Foliar Absorption; Leaf Analysis; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; Root Absorption; ...4.1018

Coronilla

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Farm Animal Wastes; Fertilizer Industry; Mineral Nutrition; Roads & Highways -see Highways; Soil Amendments; Soil Microbiology; Waste Disposal on Soils; ...3.0399

Crotalaria

A CYTOLOGICAL STUDY OF RADIATION INDUCED ALTERATIONS IN CYTOPLASMIC FACTORS CONTROLLING MALE STERILITY IN CORN ...Helminthosporium; Plants; Solanaceae; X and Gamma Rays; ...5.0245

Glycine

STUDIES TO DEVELOP DIAGNOSTIC TECHNIQUES FOR EVALUATING INJURY TO VEGETATION ...Air Pollution -see Specifics; Growth; Nicotiana; Plant Response to Env. -ns, Respiration; ...1.0401

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles; Infiltration; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types -also See Specifics; Tillage, Cropping Systems; ...2.0147

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general, Contamination - Soil; Digestion; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

LIVESTOCK WASTE MANAGEMENT ...Carbamates -nonspecific; Furadan; Organophosphorous Cpds.; Pesticide Residues Removal; Plant; Residues in Foods; ...3.0134

EVALUATION OF DEHULLED SOYBEAN GRITS FROM UNITED STATES VARIETIES FOR MAKING MISO ...Foreign Agriculture; Fungi -nonspecific; Japan; Plant Waste Removal, Treatment; ...3.0372

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

EQUIPMENT AND PROCEDURES FOR CONTROL OF WEEDS AND BRUSH ...D, 2,4-; Granules, Capsules; Irrigation; Pesticide Application Equip.; Pesticide Interaction With Env; Physical Control; Zea Mays - Field Corn; ...4.0050

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0069

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Fish; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Zea Mays - Field Corn; ...4.0074

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

REDUCTION OR ELIMINATION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Endrin; Pesticide Residues in Feeds; Pesticide Residues Removal; Residues in Foods; Toxaphene; ...4.0132

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules; Liquids Or Sprays; Mulches; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Tillage, Cropping Systems; Zea Mays - Field Corn; ...4.0138

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Gossypium; Herbicides and Other Chem; Malvaceae; Pesticide Formulation; Prometryne; Respiration; Seeds; ...4.0190

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Adenosine Diphosphate; Cotoran; Herbicides and Other Chem; Oligomycin; Pesticide Formulation; Pesticide Phytotoxicity; Triazines -nonspecific; ...4.0215

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Cyperaceae; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; Setaria; ...4.0304

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Bioassay; Liquids Or Sprays; Nicotiana; Pesticide Action on Plants; Pesticide Evaluation; Plant Resistance; Simazine; Zea Mays - Field Corn; ...4.0327

CONTROLLING THE RESPONSES OF CROP AND WEED PLANTS TO HERBICIDES ...Algae - Euglenophyta; Gossypium; Herbicides and Other Chem; Pesticide Action on Plants; Plant Tissue Analysis -chem.; ...4.0329

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

COMPOUNDS IN WEEDS RESPONSIBLE FOR DORMANCY AND THE REDUCTION OF CROP YIELDS ...Agropyron; Growth; Lycopersicum; Plant Toxins; Sorghum; Triticum; ...4.0346

WEED CONTROL IN SOYBEANS ...Atrazine; Pesticide Evaluation; Plant Resistance; Tenoran; ...4.0366

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Cdaa; Nitrification; Pesticides Compatibility; Rhizosphere; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

WEED CONTROL IN SOYBEANS ...Bioassay; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0372

DEVELOPMENT OF PRACTICES FOR THE CONTROL OF ANNUAL WEEDS IN SOYBEANS ...Herbicides -nonspecific; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0382

PRINCIPLES AND PRACTICES FOR CONTROL OF JOHNSONGRASS IN SOYBEANS ...Alanap; Diuron; Formulations -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Compaction Or Density; ...4.0391

IMPROVEMENT OF OIL SEED CROPS THROUGH THE DEVELOPMENT OF SUPERIOR VARIETIES AND CULTURAL METHODS ...Alternaria; Fungal Resistance; Helianthus; Irrigation; Linaceae; Pesticide Application Rates; Planting Methods; ...4.0394

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Granules, Capsules; Insecticides -nonspecific; Nematocides -nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales; Verticillium; ...4.0480

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Nitrogen Metabolism; Pennisetum; Pesticide Phytotoxicity; Plant Absorption -other; Propachlor; Zea Mays - Field Corn; ...4.0482

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPP. IN COTTON ...Bacillus Thuringiensis; Biological Control; DDT; Insect Resistance; Population Dynamics -general; Toxaphene; ...4.0689

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF HERBICIDAL ACTION ...Chemical Analysis; Diuron; Herbicides and Other Chem; Picloram; Planavin; Silvex; ...4.0842

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; Trifluralin; ...4.0950

PHYTOTOXICITY OF MSMA RESIDUES AND ARSENIC CONTENT OF FOODS ...Aluminum; Arsenic; Msma; Phaseolus; Soil Chemical Properties; ...4.0960

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Nicotiana; Pesticide Residue Analysis; Pesticides -other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Animal; Chlorobenzilate; Ddvp; Diazinon; Herbicides and Other Chem; Pesticide Action on Animals; Plant; Translocation; ...4.1066

PEPTIDE HYDROLASES IN PESTICIDE METABOLISM BY PLANTS ...Carbamates -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Evaluation; Plant; Thiocarbamate -nonspecific; Urea Cpds. -nonspecific; ...4.1093

PESTICIDE RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Bioassay; Brassica Species; Cladocera; Fish; Leaf Analysis; Pesticide in Food Chains; Trifluralin; ...4.1111

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Heptachlor; Malathion; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; Sorghum; ...4.1117

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

Lotus

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

FORAGE INSECT !NVESTIGATIONS ...Animal Migration; Insecticides -nonspecific; Pesticide Evaluation; Population Dynamics - general; Trifolium; Zea Mays - Field Corn; ...4.0768

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Liquids Or Sprays; Maloran; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals; Phleum; Silvex; Terbacil; Zea Mays - Field Corn; ...4.1083

Medicago

EFFECT OF AIR POLLUTANTS AND OF OTHER ENVIRONMENTAL FACTORS ON PLANT CELL AND TISSUE GROWTH ...Air Pollution -see Specifics; Cellular Biosynthesis; Growth; Nicotiana; Plant Response to Env. -ns; ...1.0323

EFFECT OF FLUORIDE ON PLANTS ...Air Pollution -see Specifics; Enzymes; Fluorine; Herbicides and Other Chem; Iridaceae; Ornamentals; ...1.0343

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Freezing & Below; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

PESTICIDE APPLICATION EQUIPMENT IN RELATION TO DRIFT OF PESTICIDE AND PEST CONTROL ...Cab-o-sil; Dyes -nonspecific; Methoxychlor; Nozzles; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; ...4.0009

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Biological Control; Chlorobenzilate; Chlorphenamidine; Economic Losses (or Benefits); Pesticide Application Rates; Pesticide Evaluation; Toxaphene; ...4.0010

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

DISPOSITION OF PESTICIDES IN THE SOIL ...Avena Sativa; Granules, Capsules; Plant Residues, Humus, Compost; Soil Microbiology; Yeasts -nonspecific; ...4.0178

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Bioassay; Liquids Or Sprays; Nicotiana; Pesticide Action on Plants; Pesticide Evaluation; Plant Resistance; Simazine; Zea Mays - Field Corn; ...4.0327

USE OF HERBICIDES TO CONTROL WEEDS IN FORAGES ...Benefin; Cipc; Diquat; Fertilizers; Planavin; Trifluralin; ...4.0350

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Agropyron; Cyperaceae; Dalapon; Pesticide Degradation -see Deg; Pesticide Interaction With Env; Pesticide Residues; 2,4-db; ...4.0419

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Cucurbita; Dicamba; Herbicides and Other Chem; Pesticide Application Rates; Plant Resistance; Pyrazon; ...4.0495

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Environment Accumulation Rates; Linuron; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

MACHINES FOR ESTABLISHMENT AND MANAGEMENT OF CROPS AND PASTURE ...Benefin; Eptam; Pesticide Evaluation; Soil Compaction Or Density; 2,4-db; ...4.0515

CHEMICAL CONTROL OF PERENNIAL BROADLEAVED WEEDS IN ALFALFA ...Atrazine; Caryophyllaceae; Cruciferae; Pesticide Residues; Terbacil; ...4.0520

EFFECT OF PHOSPHORUS INSECTICIDES ON QUALITY OF ALFALFA HAY ...Demeton; Malathion; Nitrogen and Nitrogen Cpds.; Pesticide Action on Plants; Pesticide Residues; Phosphorus and Phosphorus Cpds; Temperature - Air; Tissue Accumulation Rates; ...4.0521

HERBICIDAL WEED CONTROL IN ALFALFA IN WYOMING ...Atrazine; Chenopodiaceae; Pesticide Evaluation; Pesticide Residues; Rp-11561; Terbacil; ...4.0524

EFFECT OF PESTICIDES ON APICULTURE ...Abate; Chlorphenamidine; Dipterex; Insects - Beneficial; Methomyl; Temperature - Air; Toxaphene; ...4.0561

STUDY OF INJURIOUS INSECTS ON FORAGE CROPS ...Animal Life History Studies; Biological Control; Guthion; Nemacur P; Pesticide Application Rates; Pesticide Residues; Phosvel; Sevin; ...4.0759

FORAGE INSECT INVESTIGATIONS ...Animal Migration; Insecticides -nonspecific; Lotus; Pesticide Evaluation; Population Dynamics -general; Trifolium; Zea Mays - Field Corn; ...4.0768

INSECT POLLINATION INVESTIGATIONS ON LEGUMES ...Dibrom; Dimethoate; Dipterex; Insects - Beneficial; ...4.0876

CAUSES AND PREVENTION OF BEE POISONING BY CHEMICALS IN WASHINGTON ...Abate; Biological Control; C 9491; Ddvp; Dibrom; Dimethoate; Insects - Beneficial; Pesticide Evaluation; Pesticides -other; Phosalone; Torak; ...4.0897

PESTICIDE RESIDUES ON ARIZONA CROPS ...Air - Water - Plant Relations; DDT; Pesticide Toxicity to Microorg; Radioisotopes -nonspecific; Toxaphene; ...4.0925

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Chemical Analysis; Gallus Domesticus; Pesticide Formulation; Pesticide Residues; Tissue Accumulation Rates; ...4.0959

INSECTICIDAL RESIDUES ...Carbon; Diazinon; Methoxychlor; Pesticide Application Rates; Pesticide Persistance in Soils; Plant; Soil Microbiology; ...4.0985

ENVIRONMENTAL DECONTAMINATION, ESPECIALLY FOR FEEDSTUFFS AND ASSOCIATED FOODS ...Chemical Analysis; DDT; Food Contamination; Pesticide Residues in Feeds; Residues in Foods; Trichloroethylene; ...4.1002

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chenopodiaceae; Chlorinated Hydrocarbons; Insecticides -nonspecific; Organophosphorous Cpds.; Plant; Rhizosphere; Soil Microbiology; Trifolium; ...4.1043

PESTICIDE RESIDUES IN ENVIRONMENT AND EFFECTS ON MARKETING AGRICULTURAL COMMODITIES ...Agricultural Economics; Consumer Attitudes- Pesticides; Demeton; Organophosphorous Cpds.; Pesticide Residues; Pesticides -nonspecific; ...4.1071

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Liquids Or Sprays; Maloran; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals; Phleum; Silvex; Terbacil; Zea Mays - Field Corn; ...4.1083

CHARACTERIZATION OF RADIOPROTECTIVE FACTOR IN ALFALFA ...Bioindicators; Caviidae; Column Chromatography; Radiation Resistance; Radiation Sources -general; ...5.0774

THE CYCLING OF MICRONUTRIENTS IN GEOCHEMICAL AND BIOLOGICAL SYSTEMS ...Absorption (incl. Adsorption); Mineralogical Water Properties; Soil Chemical Properties; Translocation; Zinc; ...5.0868

Melilotus

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agritox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

Phaseolus

INFLUENCE OF ENVIRONMENT, CHEMICAL ADDITIVES AND AIR POLLUTANTS ON APPARENT PHOTOSYNTHESIS AND RESPIRATION ...Absorption (incl. Adsorption); Industrial Pollution -general; Lactuca; Nitrogen and Nitrogen Cpds.; Parathion; Respiration; ...1.0324

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Cell Injury and Autolysis; Herbicides and Other Chem; Nicotiana; Pollutant Resistance; ...1.0334

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Bioindicators; B9; Liquids Or Sprays; Mineral

Nutrition; Nicotiana; Pesticide Evaluation; Pesticides -other; Pollutant Resistance; Zea Mays - Field Corn; ...1.0338

ACTION OF AIR POLLUTANTS ON PLANTS AND METHODS OF DAMAGE CONTROL ESPECIALLY THROUGH RESISTANCE ...Air Pollution -see Specifics; Cellular Biosynthesis; Ornamentals; Pigments; Polygonaceae; ...1.0351

PHYSIOLOGICAL RESPONSES OF PLANTS TO TOXIC AIR POLLUTANTS ...Adenosine Triphosphate; Enzymes; Lycopersicum; Mineral Nutrition; Pathological Physiology; Pinus Nigra; Respiration; Vegetables; ...1.0365

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Humidity; Northeast U. S.; Permeability; Solanaceae; Vegetables; ...1.0369

PLANT DISEASE SURVEY ...Air Pollution -see Specifics; Corynebacteria -nonspecific; Fruit, Nut, and Berry Crops; Plant Pathogenetic Fungi; Pyrus Malus; Triticum; ...1.0426

EFFECTS OF FLUORIDE ON PHOSPHORUS METABOLISM OF PLANTS ...Air Pollution -see Specifics; Fluorine; Growth; Metabolism; Phosphorus and Phosphorus Cpds; Respiration; ...1.0431

VEGETABLE CROPS IMPROVEMENT THROUGH BREEDING ...Allium; Daucus Species; Fusarium; Phosphorus and Phosphorus Cpds; Vegetables; ...1.0435

QUALITY OF TILE EFFLUENT ...Chemical Analysis (water); Drainage; Effluents - Waste Water; Floods; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Analysis; Zea Mays - Field Corn; ...2.0587

ANIMAL WASTE COMPOSTING WITH CARBONACEOUS MATERIAL ...Farm Animal Wastes; Mineral Nutrition; Panicum -other; Plant Residues, Humus, Compost; Soil Amendments; Triticum; Waste Disposal on Soils; ...3.0252

AGRICULTURAL WASTES - POULTRY MANURE DISPOSAL AND USE ...Economic Feasibility; Gallus Domesticus; Microorganisms -nonspecific; Soil pH; Vegetables; ...3.0297

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Plant Waste Removal, Treatment; Roads & Highways - see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

DETERMINATION OF HERBICIDAL RESIDUES IN PLANTS AND SOILS, AND FATE OF HERBICIDES IN CERTAIN SOILS ...Degradation; Ornamentals; Patoran; Pesticide Movement in Soils; Pesticide Phytotoxicity; Turf; Vegetables; ...4.0133

PHYTOTOXICITY OF 3-AMINO-1,2,4-TRIAZOLE ...Amino Triazole; Cellular Biosynthesis; Cellular Metabolism - Controls; Cucumis Sativus; Enzymes; Nitrogen Metabolism; Pesticide Phytotoxicity; ...4.0203

EFFECTS OF HERBICIDES ON QUALITY AND CHEMICAL COMPOSITION OF FRESH AND PROCESSED VEGETABLES ...Cycloate; Diphenamid; Lycopersicum; Pesticide Organoleptic Prop : Vegetables; ...4.0217

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

ACTION OF SELECTIVE CHEMICALS ON MICRO-ORGANISMS AND HIGHER PLANTS ...Capsicum; Nematoda; Pesticide Evaluation; Temperature - Air; Vegetables; Xanthomonas; ...4.0255

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae: Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus; Cucumis Sativus; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Planavin; Tok; Vegetables; ...4.0292

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Air Pollution -see Specifics; Beta Particles; Fragaria; Malathion; Pesticide Interaction With Env; Pesticide Residues Removal; Residues in Foods; X and Gamma Rays; ...4.0308

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Rain; Sulfhydryl Compounds; Vegetables; ...4.0309

TRANSFORMATIONS OF INSECTICIDES BY PLANTS ...Animal Pests; Degradation; Enzymes; Pesticide Residues; Plant; Radioisotopes -nonspecific; ...4.0349

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Benzolids; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vca-438; ...4.0364

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0378

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Alternaria; Bioassay; Hordeum Vulgare; Myrothecium; Pesticide Evaluation; Secale; Vegetables; ...4.0411

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

MICROANALYSIS TECHNIQUE TO DETECT HERBICIDES AND THEIR DEGRADATION ...Atrazine; Chemical Analysis; D, 2,4-; Pesticide Action on Plants; Plant; ...4.0460

MECHANISMS OF PLANT GROWTH REGULATION ...Avena Sativa; Growth Substances; Hydrogen; Pesticide Phytotoxicity; Respiration; Ultra Violet Radiation; ...4.0461

TRANSFORMATION OF INSECTICIDES BY PLANTS ...Carbon; Chemical Analysis; Dieldrin; Pesticide Action on Plants; Pesticide in Food Chains; Plant; Sevin; ...4.0467

EVALUATING NEW FUNGICIDES ...Capsicum; Disulfoton; Granules, Capsules; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Vegetables; ...4.0479

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Granules, Capsules; Insecticides - nonspecific; Nematocides -nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales; Verticillium; ...4.0480

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

BIOLOGICAL AND INTEGRATED CONTROL OF ARTHROPOD PESTS ...Animal Migration; Biological Control; Herbicides -nonspecific; Insects - Beneficial; Rain; ...4.0605

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; Cell Injury and Autolysis; D, 2,4-; Dicamba; Herbicides and Other Chem; Pesticide Action on Plants; Propachlor; Translocation; ...4.0875

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox; Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phosvel; Thimet; ...4.0911

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Daucus Species; Dichloropropene; Pesticide Evaluation; Pesticide Residues; Residues in Foods; ...4.0928

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Citrus; Fragaria; Fruit, Nut, and Berry Crops; Fumigants -nonspecific; Horticultural Crops - general; Lactuca; Pesticide Organoleptic Prop.; Residues in Foods; Vegetables; ...4.0929

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Sevin; Temperature - Air; ...4.0941

PESTICIDE RESIDUES AND METABOLITES ...Arachis; Gas Chromatography; Pesticide in Food Chains; Pesticide Residue Analysis; Pesticide Tolerance Rate; Sevin; ...4.0942

PHYTOTOXICITY OF MSMA RESIDUES AND ARSENIC CONTENT OF FOODS ...Aluminum; Arsenic; Glycine; Msma; Soil Chemical Properties; ...4.0960

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Planavin; Residues in Foods; ...4.1004

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chenopodiaceae; Chlorinated Hydrocarbons; Insecticides -nonspecific; Organophosphorous Cpds.; Plant; Rhizosphere; Soil Microbiology; Trifolium; ...4.1043

A STUDY OF THE HORTICULTURE SPECIALTY INDUSTRY IN MISSISSIPPI ...Brassica Species; Dacthal; Lycopersicum; Residues in Foods; Trifluralin; ...4.1053

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Labiatae; Moraceae; Pesticide Action on Plants; Pisum; Thimet; Zea Mays - Field Corn; ...4.1102

DEVELOP MICROANALYSES FOR DETECTION OF HERBICIDES AND METABOLITES IN PLANT TISSUE ...Atrazine; Chemical Analysis; D, 2,4-; Diuron, Hydrogen; Pesticide Action on Plants; Plant; ...4.1105

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Bacillus Thuringiensis; Brassica Species; Chemical Analysis; Gas Chromatography; Pesticide Evaluation; Pesticide Residues; Soil Contamination -other; Thimet; ...4.1132

INFLUENCE OF SOIL HEATING ON THE GROWTH AND ELEMENTAL COMPOSITION OF BEAN PLANTS ...High Temp. - 85f Or Above; Mineral Nutrition; Organic Soils -see Soils; Plants; Radioactive Contamination; Soil Chemical Properties; ...5.0013

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOCATIVE MATERIALS ...Absorption (incl. Adsorption); Ion Transport and Elect. Pot.; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Soil Tillage; X and Gamma Rays; ...5.0043

EFFECTS OF AGING ON SOME ENERGY-LINKED FUNCTIONS OF PLANT MITOCHONDRIA ...Aging; Radiation; Radiation Effects -see Rad.; Radiation, Lethal Dose; Seeds; ...5.0090

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - I. MECHANISMS OF RADIATION DAMAGE IN PLANT CELLS ...Cell Injury and Autolysis; Growth Substances; Hordeum Vulgare; Plants; Radiation; Radiation Effects -see Rad.; X and Gamma Rays; ...5.0356

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS ...Absorption (incl. Adsorption); Calcium; Cellular Biosynthesis; Ion Transport and Elect. Pot.; Mineral Nutrition; Passive Transport, Diffusion; Radioactive Fallout-cf Fallout; Soil Temp. -non-specific; Zinc; ...5.0409

Pisum

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

WFED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus; Cucumis Sativus; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Phaseolus; Planavin; Tok; Vegetables; ...4.0292

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

INVESTIGATIONS ON THE INFLUENCE OF HERBICIDES IN RELATION TO CROP PRODUCTION ...Climates -general; Herbicides and Other Chem; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0452

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. -- (1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF HERBICIDAL ACTION ...Chemical Analysis; Diuron; Herbicides and Other Chem; Picloram; Planavin; Silves; ...4.0842

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; Cell Injury and Autolysis; D, 2,4-; Dicamba; Herbicides and Other Chem; Pesticide Action on Plants; Phaseolus; Propachlor; Translocation; ...4.0875

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Labiatae; Moraceae; Pesticide Action on Plants; Thimet; Zea Mays - Field Corn; ...4.1102

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Beta Particles; Lactuca; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; Triticum; Zea Mays - Field Corn; ...5.0106

STUDY OF RADIONUCLIDE EFFECTS ON PLANT GROWTH - WITH SPECIAL REGARD TO PLANT DAMAGE CAUSED BY IONIZING RADIATION ...Beta Particles; Dosimetry; Lactuca; Plants; Radioactive Isotopes; Triticum; Yttrium; ...5.0118

RADIATION RECOVERY MECHANISMS OF G1 AND G2 CELLS IN THE MITOTIC CYCLE OF PISUM ROOT MERISTEMS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Growth; Nucleic Acid Compounds; Plants; Radiation Effects -see Rad.; Radioisotopes -nonspecific; ...5.0538

Prosopis

EFFECTIVENESS OF WATER-IN-OIL EMULSION SPRAYS FROM THE BIFLUID SYSTEM FOR WOODY PLANTS ...Emulsifiers; Formulations -nonspecific; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; Pesticide Formulation; ...4.0070

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

Robinia

ORGANIC MATTER RELATIONSHIPS OF SPOIL BANKS ...Animal Productivity; Forest Litter, Duff & Humus; Quercus; Soil Chemical Properties; Soil Microbiology; Soil pH; ...3.0033

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

Trifolium

EVALUATION OF POULTRY MANURE AS A FERTILIZER ...Bos; Cynodon; Fertilizer Losses; Soil Chemical Properties; ...3.0004

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; ...4.0227

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

PHYSIOLOGICAL AND MORPHOLOGICAL RESPONSE OF PLANTS TO HERBICIDES ...Compositae; IAA; Pesticide Interaction -gen.; Plant Absorption -other; Poa Pratensis; ...4.0439

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine; Bromus; Diquat; Festuca; Paraquat; Pesticide Persistance in Soils; Prometryne; Terbacil; ...4.0457

FORAGE INSECT INVESTIGATIONS ...Animal Migration, Insecticides -nonspecific; Lotus; Pesticide Evaluation; Population Dynamics -general; Zea Mays - Field Corn; ...4.0768

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chenopodiaceae; Chlorinated Hydrocarbons; Insecticides -nonspecific; Organophosphorous Cpds.; Plant; Rhizosphere; Soil Microbiology; ...4.1043

Vicia

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Secale; Solanum; ...4.0469

ESTIMATING THE GENETIC HAZARDS OF ENVIRONMENTAL AGENTS ...Cell Injury and Autolysis; Environmental Carcinogenesis; Plants; Radiation Carcinogenesis; ...5.0179

CHROMOSOME STRUCTURE AS REVEALED BY RADIATION STUDIES ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation; Radiation Sources -general; ...5.0182

CELLULAR PARAMETERS OF RADIOSENSITIVITY ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Plants; Radiation Effects -see Rad.; Radiation Sensitivity -man; X and Gamma Rays; ...5.0504

Vigna

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --( ) Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; ...4.0218

Linaceae

ENVIRONMENTAL ASSESSMENT OF AIR-BORNE COTTON AND FLAX DUSTS ...Air Pollution -see Specifics; Factory Workers; Foreign Agriculture; Gossypium; Occupational Hazards; Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0302

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

IMPROVEMENT OF OIL SEED CROPS THROUGH THE DEVELOPMENT OF SUPERIOR VARIETIES AND CULTURAL METHODS ...Alternaria; Fungal Resistance; Helianthus; Irrigation; Pesticide Application Rates; Planting Methods; ...4.0394

Loranthaceae

BIOLOGY AND CONTROL OF DISEASES OF CONIFER FORESTS OF CALIFORNIA AND HARDWOOD FORESTS OF HAWAII ...Elevation Levels, Altitude; Fomes; Forest Pathology; Fungal Resistance; Pinus Ponderosa; Smog; ...1.0308

Magnoliaceae

FOREST TREE IMPROVEMENT THROUGH SELECTION AND BREEDING ...Abies; Air Pollution -see Specifics; Forest Pathology; Juglans; Pinus Nigra; Populus; ...1.0414

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Azodrin; Compositae; Ericaceae; Pesticide Application Rates; Pesticide Phytotoxicity; Supracide; Temperature - Air; ...4.0332

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

RESPONSES OF PLANTS AND PLANT COMMUNITIES TO IONIZING RADIATION ...Acer Species; Carbohydrates; Festuca; Radiation Sources -general; Radioactive Hazard; Translocation; ...5.0652

Malvaceae

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0069

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Gossypium; Herbicides and Other Chem; Pesticide Formulation; Prometryne; Respiration; Seeds; ...4.0190

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Bladex; Convolvulaceae; Grass - nonspecific; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Herbicides and Other Chem; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; Setaria; ...4.0304

FUNDAMENTAL STUDIES ON WEED CONTROL ...Cotoran; Fungicides -nonspecific; Herbicides and Other Chem; Liquids Or Sprays; Pesticide Evaluation; Pesticides Compatibility; Prometryne; Space Competition; ...4.0331

INTERACTION OF COMBINATIONS OF HERBICIDES AND OTHER PESTICIDES IN COTTON PRODUCTION ...Aliphatic Carbamates; Cyclic Organic Cpds. --( ) Or ; Diuron ; Pesticide Evaluation; Planavin; Trifluralin; ...4.0381

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

Gossypium

ENVIRONMENTAL ASSESSMENT OF AIR-BORNE COTTON AND FLAX DUSTS ...Air Pollution -see Specifics; Factory Workers; Foreign Agriculture; Linaceae; Occupational Hazards; Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0302

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY IN CITRUS ...Air Pollution -see Specifics; Carbon; Citrus; Nitrogen Metabolism; Permeability; ...1.0321

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY - COTTON ...Aging; Air Pollution -see Specifics; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Nitrogen Metabolism; Pathological Physiology; Plant Pathology - Env. Relat.; ...1.0322

DETERMINING CAUSE OF DAMAGE TO COTTON PLANTS IN BIRMINGHAM, ALABAMA ...Air Pollution -see Specifics; Alabama; ...1.0400

MATERIALS HANDLING, COLLECTION AND DISPOSAL IN THE MID-SOUTH AREA ...Plant Waste Removal, Treatment; ...1.0586

COTTON LINT HANDLING AND PACKAGING AND TRASH COLLECTION ...Air Pollution -see Specifics; Filters; Plant Waste Removal, Treatment; ...1.0587

COTTON MATERIALS HANDLING AND AIR TRASH SEPARATION ...Air Pollution -see Specifics; Plant Waste Removal, Treatment; Solid Waste Management; ...1.0591

CLOSED LOOP FILTERING SYSTEM FOR USE IN COTTON GINS ...Dust; Fibers; Filters; Particulate Matter - Air Poll.; ...1.0592

SEPARATION AND COLLECTION OF COTTON GIN DUST ...Electrostatic Precipitators; Plant Waste Removal, Treatment; Solid Waste Management; ...1.0646

COTTON MATERIALS HANDLING, COLLECTION, AND DISPOSAL IN THE TEXAS STRIPPER COTTON AREA ...Plant Waste Removal, Treatment; ...1.0653

CROP RESIDUE DISPOSAL ...Loam -see Soil Types; Plant Residues, Humus, Compost; Plant Waste Removal, Treatment; Planting Methods; Sandy Soils -see Soil Type; Soil Depth; Soil Types -also See Specifics; ...3.0199

SOURCES OF TRASH IN COTTON HARVESTING ...Plant Waste Removal, Treatment; ...3.0200

DEVELOPMENT OF EQUIPMENT AND TECHNIQUES FOR CROP RESIDUES ...Loam -see Soil Types; Plant Residues, Humus, Compost; Population Dynamics -general; Soil Moisture; Soil Tillage; Waste Disposal on Soils; ...3.0201

CONDITIONING AND CLEANING MID-SOUTH COTTON VARIETIES ...Humidity; Plant Waste Removal, Treatment; Southern U. S.; Temperature - Air; ...3.0202

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Computer Methods -general; Herbicides -nonspecific; Insecticides - nonspecific; Liquids Or Sprays; Models of Biological Systems; Pesticide Action on Plants; Pesticide Drift; ...4.0002

BIOLOGY AND CONTROL OF INSECTS AFFECTING COTTON IN ARIZONA ...Animal Habitat Studies; Azodrin; Biological Control; Chlorobenzilate; Chlorphenamidine; Economic Losses (or

Benefits); Medicago; Pesticide Application Rates; Pesticide Evaluation; Toxaphene; ...4.0010

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

ENGINEERING SYSTEMS FOR COTTON PRODUCTION ...Carriers -non-liquid; Cotoran; Msma; Pesticide Drift; Pesticide Interaction With Env; Thimet; ...4.0035

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Cotoran; Environment Accumulation Rates; Liquids Or Sprays; Pesticide Movement in Soils; Pesticides -see Pesticide; Rain; Trifluralin; ...4.0061

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam -see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

PERSISTENCE OF HERBICIDES IN SOILS ...Alanap; Pesticide Persistance in Soils; Pesticides Compatibility; Plant Absorption - other; Root Absorption; Soil pH; Translocation; ...4.0137

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Metabolites From Pesticides; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Piedmont Province; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0174

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Herbicides and Other Chem; Malvaceae; Pesticide Formulation; Prometryne; Respiration; Seeds; ...4.0190

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

INFLUENCE OF HERBICIDES, FUNGICIDES, & INSECTICIDES ON COTTON GERMINATION & SEEDLING VIGOR ...Korax; Pesticide Interaction With Env; Planavin; Soil Microbiology; Temperature - Air; Trifluralin; ...4.0207

CONTROLS FOR MAJOR COTTON DISEASES IN SOUTHEASTERN U. S. INCLUDING RESISTANCE ...Fungal Resistance; Fusarium; Herbicides -nonspecific; Nematode Resistance; Pesticide Phytotoxicity; Verticillium; ...4.0208

THE INFLUENCE OF CULTURAL PRACTICE COMBINATIONS ON THE YIELD AND QUALITY OF COTTON ...Carbamates - nonspecific; Insecticides -nonspecific; Pesticide Action on Plants; Petroleum Cpds. -nonspecific; Soil Fertility; ...4.0214

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Adenosine Diphosphate; Cotoran; Glycine; Herbicides and Other Chem; Oligomycin; Pesticide Formulation; Pesticide Phytotoxicity; Triazines -nonspecific; ...4.0215

DEVELOPMENT OF SYSTEMIC FUNGICIDES FOR VERTICILLIUM WILT CONTROL ...Absorption (incl. Adsorption); Fungicides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Translocation; ...4.0232

CHEMICAL STRUCTURE RELATED TO SYSTEMIC ACTIVITY, METABOLISM, MODE OF ACTION, AND FATE OF CHEMICALS IN COTTON PLANT ...Insecticides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0242

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Benlate; Fungal Physiology; Granules, Capsules; Irrigation; Pesticide Phytotoxicity; Plant Population Dynamics -gen; Thimet; Western U. S.; ...4.0243

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

CONTROLLING THE RESPONSES OF CROP AND WEED PLANTS TO HERBICIDES ...Algae - Euglenophyta; Herbicides and Other Chem; Pesticide Action on Plants; Plant Tissue Analysis -chem.; ...4.0329

FUNDAMENTAL STUDIES ON WEED CONTROL ...Cotoran; Fungicides -nonspecific; Herbicides and Other Chem; Liquids Or Sprays; Pesticide Evaluation; Pesticides Compatibility; Prometryne; Space Competition; ...4.0331

COMPOUNDS IN WEEDS RESPONSIBLE FOR DORMANCY AND THE REDUCTION OF CROP YIELDS ...Agropyron; Glycine; Growth; Lycopersicum; Plant Toxins; Sorghum; Triticum; ...4.0346

THE USE OF HERBICIDES FOR WEED CONTROL IN COTTON ...Bioassay; Economics of Chemical Control; Herbicides -nonspecific; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Tillage; ...4.0373

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Herban; Liquids Or Sprays; Pesticide Evaluation; Planavin; Prometryne; Trifluralin; ...4.0379

SYSTEMIC INSECTICIDES FOR CONTROL OF COTTON PESTS ...Aliphatic Carbamates; Azodrin; Dusts; Gc 6506; Granules, Capsules; Hercules 13462; Methomyl; Pesticide Phytotoxicity; Plant Population Dynamics -gen; ...4.0383

STAND ESTABLISHMENT AND SEEDLING DISEASE CONTROL ...Chloroneb; Growth; Pesticide Evaluation; Plant Pathogenetic Fungi; Planting Methods; Temperature - Air; ...4.0384

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Msma; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

EVALUATION & APPLICATION OF HARVEST-AID CHEMICALS ON COTTON PLANTS IN MECHANICAL HARVESTING ...Abscission; Growth; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0386

THE INTERACTION OF HERBICIDES WITH OTHER APPLIED PESTICIDES ...Fungicides -nonspecific; Herbicides -nonspecific; Nematocides -nonspecific; Pesticide Evaluation; Pesticides Compatibility; ...4.0387

CHEMICAL WEED CONTROL IN COTTON ...Economics of Chemical Control; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Phytotoxicity; ...4.0388

CONTROL OF ARTHROPOD PESTS OF COTTON ...Animal Resistance; Costs -see Economics Entries; Pesticide Action on Plants; Pesticide Persistance in Soils; Pesticides Compatibility; Toxaphene; ...4.0425

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

CHEMICAL INVESTIGATION OF SURFACE CONTAMINATION OF COTTON FIBERS ...Arsenic; Chemical Analysis; Defoliants; Fibers; Impurity; ...4.0474

EVALUATING NEW FUNGICIDES ...Capsicum; D sulfoton; Granules, Capsules; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Vegetables; ...4.0479

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Granules, Capsules; Insecticides -nonspecific; Nematocides -nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales; Verticillium; ...4.0480

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Climates -general; Flood Irrigation; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Residues; Sandy Soils -see Soil Type; Sprinkler Irrigation; Urea Cpds. -nonspecific; ...4.0484

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Humidity; Pesticide Action on

Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Sandy Soils psee Soil Type; Temperature - Air; ...4.0487

INSECTICIDES AS RELATED TO COTTON INSECT CONTROL ...Aliphatic Carbamates; Animal Resistance; Arachnida; Gc 6506; Granules, Capsules; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0492

FACTORS INVOLVING PESTICIDES IN MILK PRODUCTS ...Avena Sativa; Chemical Analysis; Pesticide in Food Chains; Residues in Foods; ...4.0685

BIOLOGICAL AND INTEGRATED CONTROL OF COTTON INSECTS ...Animal Habitat Studies; Biological Control; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics - general; ...4.0690

EFFECT OF CHEMICALS ON BENEFICIAL INSECTS ...Arachnida; Biological Control; Granules, Capsules; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0692

BIOENVIRONMENTAL CONTROL OF COTTON BOLLWORMS ...Biological Control; Fish; Insects - Beneficial; Pesticide Residues; Pesticide Toxicity in Animals; Pesticide Toxicity in Humans; Physical Control; ...4.0694

SYSTEMIC INSECTICIDE RESEARCH ON MISCELLANEOUS INSECTS AND SPIDER MITES OF COTTON ...Animal Resistance; Azodrin, Fertilizers; Granules, Capsules; Pesticide Action on Plants; Pesticide Formulation; ...4.0864

POPULATION DYNAMICS OF COTTON INSECTS SUBJECTED TO INSECTICIDAL TREATMENTS ...Bidrin; DDT; Economics of Chemical Control; Insects - Beneficial; Pesticide Action on Animals; Population Dynamics -general; Strobane; Toxaphene; ...4.0865

PHYTOTOXICITY OF MSMA RESIDUES AND ARSENIC CONTENT OF FOODS ...Aluminum; Arsenic; Glycine; Msma; Phaseolus; Soil Chemical Properties; ...4.0960

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling, Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

HARVEST-AID CHEMICAL RESIDUES IN COTTONSEED ...Absorption (incl. Adsorption); Chemical Analysis; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Residues; Plant Absorption -other; Translocation; ...4.1120

PESTICIDE ANALYSIS, COLLEGE STATION ...Aliphatic Carbamates; Gc 6506; Muridae; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Thin Layer Chromatography; ...4.1122

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

THE ROLE OF LIGHT AND TEMPERATURE IN THE GROWTH AND DEVELOPMENT OF PLANTS ...Cold Resistance and Hardiness; Growth; Humidity; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; X and Gamma Rays; ...5.0682

Hibiscus

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils - see Soil Type; Solanum; Truck Farming -vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming - vegetables; ...4.0272

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

THE ROLE OF LIGHT AND TEMPERATURE IN THE GROWTH AND DEVELOPMENT OF PLANTS ...Cold Resistance and Hardiness; Growth; Humidity; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; X and Gamma Rays; ...5.0682

Moraceae

IMPROVEMENT OF YIELD AND QUALITY OF HOPS ...Fruit, Nut, and Berry Crops; Fungal Resistance; Pesticide Evaluation; Pesticide Residues; Storage Changes; Thimet; Verticillium; ...4.0454

CONTROL OF INSECTS AND MITES ON HOPS ...Aliphatic Carbamates; Azodrin; C-2307; Disulfoton; Insect Resistance; Nemacur P; Pesticide Evaluation; Pesticides -other; Plictran; Thimet; ...4.0895

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Labiatae; Pesticide Action on Plants; Pisum; Thimet; Zea Mays - Field Corn; ...4.1102

RECOVERY OF A TROPICAL RAIN FOREST FOLLOWING EXPOSURE TO GAMMA RADIATON ...Dominant Organisms; Plants; Radiation Resistance; Rain Forests; Soil Cover Crops; X and Gamma Rays; ...5.0544

Nymphaeaceae

THE RATE OF NITROGEN AND PHOSPHORUS STRIPPING FROM SEWAGE LAGOONS BY AQUATIC ANGIOSPERMS ...Absorption (incl. Adsorption); Ceratophyllaceae; Haloragaceae; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Ranunculaceae; Waste Water Treatment -general; ...2.1304

Nyssaceae

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests, Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

Oleaceae

AIR POLLUTION EFFECTS ...Animal Life History Studies; Hamamelidaceae; Pinus Nigra; Pinus Virginiana; Plant Response to Env. -ns; Quercus; ...1.0419

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...4.0418

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Economic Losses (or Benefits); Furadan; Malathion; Pesticide Phytotoxicity; Population Dynamics -general; Thimet; ...4.0433

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Plantanaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

Papaveraceae

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming -vegetables; ...4.0272

Plantaginaceae

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICTS FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Cynodon; Fumigants - nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Solanum; Vitaceae; ...4.0191

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

Plantanaceae

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

Polygonaceae

ACTION OF AIR POLLUTANTS ON PLANTS AND METHODS OF DAMAGE CONTROL ESPECIALLY THROUGH RESISTANCE ...Air Pollution -see Specifics; Cellular Biosynthesis; Ornamentals; Phaseolus; Pigments; ...1.0381

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Setaria; ...4.0304

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

Portulacaceae

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Soil Moisture; Truck Farming -vegetables; ...4.0272

Primulaceae

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Euphorbiaceae; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0355

Proteaceae

PESTICIDE RESIDUE CLEARANCE PROGRAM ...Araceae; Captan; Chemical Analysis; Liquids Or Sprays, Pentachlorophenol; Pesticide Residues; Residues in Foods; ...4.0297

Ranunculaceae

THE RATE OF NITROGEN AND PHOSPHORUS STRIPPING FROM SEWAGE LAGOONS BY AQUATIC ANGIOSPERMS ...Absorption (incl. Adsorption); Ceratophyllaceae; Haloragaceae; Nitrogen and Nitrogen Cpds.; Nymphaeaceae; Phosphorus and Phosphorus Cpds; Waste Water Treatment -general; ...2.1304

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...4.0418

TOXICOLOGIC EFFECTS OF HERBICIDE-TREATED PLANTS ON LIVESTOCK ...Atrazine; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Rates -general; Tissue Accumulation Rates; ...4.0874

Rhamnaceae

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

Rhizophoraceae

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

Rosaceae

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram, Prometryne; Simazine; Tillam; Vcs-438; ...4.0501

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Ethrel; Leaf Analysis; Plant Resistance; Pyrus -general; Pyrus Malus; Respiration; Translocation; ...4.0505

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Aquifoliaceae; Ericaceae; Juniperus; Pesticide Action on Plants; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; Simazine; Terbacil; ...4.0761

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING STONE FRUITS ...Arachnida; Baygon; Liquids Or Sprays; Pesticide Evaluation; Petroleum Cpds. -nonspecific; Yeasts -nonspecific; ...4.1128

Fragaria

PRODUCTION PRACTICES FOR FRUITS ...Air Pollution -see Specifics; Cold Resistance; Fruit, Nut, and Berry Crops; Indiana; Prunus Persica; Temperature - Air; ...1.0054

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Air Pollution -see Specifics; Beta Particles; Malathion; Pesticide Interaction With Env; Pesticide Residues Removal; Residues in Foods; X and Gamma Rays; ...4.0308

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fruit, Nut, and Berry Crops; Horticultural Crops -general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Benzoates; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

EFFECTS OF HERBICIDES ON TREE FRUITS AND SMALL FRUITS ...Amino Triazole; Lycopersicur-; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticide Safety Measures; ...4.0512

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Citrus; Fruit, Nut, and Berry Crops; Fumigants -nonspecific; Horticultural Crops -general; Lactuca; Pesticide Organoleptic Prop.; Phaseolus; Residues in Foods; Vegetables; ...4.0929

REMOVING RADIOACTIVE FALLOUT FROM VEGETABLES AND FRUITS DURING PROCESSING ...Cesium; Plants; Radioactive Contamination; Solanum; Vegetables; ...5.0105

Prunus Cerasus & P. Avium

PESTICIDES AND GROWTH REGULATORS FOR FRUIT CROPS ...Acaricides -nonspecific; Concentrates; Economics of Chemical Control; Liquids Or Sprays; Pesticide Phytotoxicity, Temperature - Air; ...4.0361

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan; Liquids Or Sprays; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone; Prunus Domestica; Residues in Foods; ...4.0455

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Ethrel; Leaf Analysis; Plant Resistance; Pyrus -general; Pyrus Malus; Respiration; Translocation; ...4.0505

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Soil Moisture; Translocation; Ulmaceae; ...4.0519

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY ...Abscission; B9; Fruit Analysis; Naa; Pesticide Residue Analysis; Pesticides - other; Pyrus Malus; ...4.1084

Prunus Domestica

DEVELOPMENT OF SYSTEMIC PESTICIDES WITH LOW PHYTO- AND MAMMALIAN-TOXICITY PROPERTIES ...Bioassay; Cts; Foliar Absorption; Pesticide Absorption Rates; Pesticide Phytotoxicity; Plant Absorption -other; Root Absorption; ...4.0302

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Benzulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Pyrus Malus; Solanum; Terbacil; Vco-438; ...4.0364

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan; Liquids Or Sprays; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone; Residues in Foods; ...4.0455

Prunus Persica

PRODUCTION PRACTICES FOR FRUITS ...Air Pollution -see Specifics; Cold Resistance; Fruit, Nut, and Berry Crops; Indiana; Temperature - Air; ...1.0054

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS ...Cipc; Dichlobenil; Florida; Fruit, Nut, and Berry Crops; Herbicides -nonspecific; Mineral Nutrition; Pesticide Phytotoxicity; Vitaceae; ...4.0279

ABSCISSION OF TREE FRUITS ...Abscission; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; 3 Cpa; ...4.0383

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops - general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0333

QUALITY AND NUTRIENT COMPOSITION OF FOODS TREATED WITH PESTICIDES ...Asparagus; Chemical Analysis; Residues in Foods; Zea Mays - Field Corn; ...4.0338

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Benzulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vco-438; ...4.0364

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

INTEGRATED CONTROL OF PEACH INSECT PESTS ...Animal Distribution; Arachnida; Biological Control; Guthion; Pesticide Evaluation; Population Dynamics -general; ...4.0546

WEED CONTROL IN FRUIT CROPS, WITH SPECIAL REFERENCE TO APPLE AND PEACH ...Dichlobenil; Economics of Chemical Control; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Simazine; ...4.0936

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY ...Abscission; B9; Fruit Analysis; Naa; Pesticide Residue Analysis; Pesticides - other; Prunus Cerasus & P. Avium; Pyrus Malus; ...4.1084

Pyrus -general

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Ethrel; Leaf Analysis; Plant Resistance; Pyrus Malus; Respiration; Translocation; ...4.0505

Pyrus Communis

PLANT DISEASE SURVEY ...Air Pollution -see Specifics; Corynebacteria -nonspecific; Fruit, Nut, and Berry Crops; Plant Pathogenetic Fungi; Pyrus Malus; Triticum; ...1.0426

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. -(1 Or ; Diphenamid ; Linuron; Maleran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Soil Fertility; Terbacil; Vigna; ...4.0218

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Alternaria; Concentrates; Ethoxyquin; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pesticide Phytotoxicity; Pyrus Malus; Temperature - Air; ...4.0339

RELATION OF ENVIRONMENT AND CHEMICALS TO PHYSIOLOGY OF POME AND DRUPE FRUIT ...Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Growth Substances; Pesticide Interaction With Env; Pesticides -nonspecific; Plant Pathology - Env. Relat.; Pyrus Malus; Temperature - Air; ...4.0362

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Ethrel; Leaf Analysis; Plant Resistance; Pyrus -general; Pyrus Malus; Respiration; Translocation; ...4.0505

Pyrus Malus

PRODUCTION PRACTICES FOR FRUITS ...Air Pollution -see Specifics; Cold Resistance; Fruit, Nut, and Berry Crops; Indiana; Prunus Persica; Temperature - Air; ...1.0054

OZONE DAMAGE TO PLANTS ...Bayer 25141; Fruit, Nut, and Berry Crops; Pollutant Resistance; Solanum; Wind -see Air Motion; ...1.0337

PLANT DISEASE SURVEY ...Air Pollution -see Specifics; Corynebacteria -nonspecific; Fruit, Nut, and Berry Crops; Plant Pathogenetic Fungi; Triticum; ...1.0426

AERIAL CONTROL OF TREE FRUIT DISEASES ...Captan; Degradation; Dikar; Dusts; Liquids Or Sprays; Maneb; Pesticide Drift; Pesticide Phytotoxicity; Pesticides Compatibility; ...4.0055

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cyclosis; Equipment; Labiatae; Nematoda; Pesticide Application Equip.; Pesticide Drift; Plansvin; Viruses - Animal; ...4.0163

PRODUCTION AND QUALITY OF APPLES IN HIGH DENSITY PLANTINGS USING DWARFING ROOTSTOCKS ...B9; Fruit,

Nut, and Berry Crops; Irrigation; Pathological Physiology; Pesticide Phytotoxicity; Phytophthora; ...4.0250

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Sulfur; Vegetables; ...4.0252

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS ...Bioassay; Carya; Fruit, Nut, and Berry Crops; Growth Substances; Herbicides and Other Chem; Photosynthesis; Radioisotopes -nonspecific; Tibs; ...4.0315

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops - general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Soil Fertility; Vitaceae; ...4.0323

EFFECTS OF NUTRITIONAL LEVELS ON ORGANOLEPTIC QUALITY OF FRUITS AND VEGETABLES ...Ericaceae; Home Economics; Pesticide Action on Plants; Pesticides -nonspecific; Residues in Foods; ...4.0336

QUALITY AND NUTRIENT COMPOSITION OF FOODS TREATED WITH PESTICIDES ...Asparagus; Chemical Analysis; Prunus Persica; Residues in Foods; Zea Mays - Field Corn; ...4.0338

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Alternaria; Concentrates; Ethoxyquin; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pesticide Phytotoxicity; Temperature - Air; ...4.0339

PESTICIDES AND GROWTH REGULATORS FOR FRUIT CROPS ...Acaricides -nonspecific; Concentrates; Economics of Chemical Control; Liquids Or Sprays; Pesticide Phytotoxicity; Prunus Cerasus & P. Avium; Temperature - Air; ...4.0361

RELATION OF ENVIRONMENT AND CHEMICALS TO PHYSIOLOGY OF POME AND DRUPE FRUIT ...Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Growth Substances; Pesticide Interaction With Env; Pesticides -nonspecific; Plant Pathology - Env. Relat.; Temperature - Air; ...4.0362

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Solanum; Terbacil; Vc-438; ...4.0364

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

EVALUATION OF NEW INSECTICIDES FOR CONTROL OF CODLING MOTH ...Chlorphenamidine; Furadan; Guthion; Liquids Or Sprays; Pesticide Evaluation; Phosalone; UC 34096; ...4.0413

IMPROVED CONTROL OF APPLE DISEASES UNDER NORTH CAROLINA CONDITIONS ...Benlate; Captan; Dikar; Fruit, Nut, and Berry Crops; Glomerella; Leptosphaeria; Maneb; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Streptomycin; ...4.0426

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Zea Mays - Field Corn; ...4.0451

BIOLOGY AND CONTROL OF ENTOMOLOGICAL PESTS OF TREE FRUITS ...Animal Life History Studies; Cultural Control; Furadan; Liquids Or Sprays; Malathion; Pesticide Application Rates; Pesticide Phytotoxicity; Phosalone; Prunus Domestica; Residues in Foods; ...4.0455

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Ethrel; Leaf Analysis; Plant Resistance; Pyrus -general; Respiration; Translocation; ...4.0505

EFFECTS OF HERBICIDES ON TREE FRUITS AND SMALL FRUITS ...Amino Triazole; Fragaria; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticide Safety Measures; ...4.0512

TOXICITY AND CARCINOGENICITY OF DIPHENYLAMINE TO MICE ...Diphenylamine; Laboratory Animals; Muridae; Pesticide Formulation; Residues in Foods; ...4.0763

EFFECTS OF PESTICIDES ON INSECTS, MITES, AND PREDACEOUS ARTHROPODS IN APPLE ORCHARDS ...Arachnida; Foreign Agriculture; Insects - Beneficial; Pesticide Action on Animals; Pesticide Toxicity in Animals; Population Dynamics -general; Temperature - Air; ...4.0838

CONTROL OF MITES AND INSECTS ON FRUIT TREES ...Acaricides -nonspecific; Arachnida; Bioassay; Chlorphenamidine; Omite; Plictran; ...4.0879

WEED CONTROL IN FRUIT CROPS, WITH SPECIAL REFERENCE TO APPLE AND PEACH ...Dichlobenil, Economics of Chemical Control; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Prunus Persica; Simazine; ...4.0936

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Cucurbita; Liquids Or Sprays; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Plant Growth Regulators -ns.; Tissue Accumulation Rates; ...4.0983

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Arachis; Brassica Species; Chemical Analysis; Dieldrin; Fruit, Nut, and Berry Crops; Heptachlor Epoxide; Pesticide Persistance in Soils; Pesticide Residues Removal; Picloram; Sevin; ...4.0990

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Benlate; Chenopodiaceae; Ethrel; Penicillium; Pesticide Residues Removal; Respiration; TBZ; ...4.1047

TOXICOLOGY OF INSECTICIDES ...Acaricides -nonspecific; Animal; Chlorobenzilate; Ddvp; Diazinon; Herbicides and Other Chem; Pesticide Action on Animals; Plant; Translocation; ...4.1066

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Sclerotinia; Solanum; TCA; ...4.1074

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURE COMMODITIES DDT; Fruit, Nut, and Berry Crops; Pesticide in Food Chains; Pesticides -nonspecific; Residues in Foods; Vegetables; ...4.1081

DEVELOPMENT OF APPLE SPRAY PROGRAMS IN RELATION TO SPRAY RESIDUE RESTRICTIONS ...Degradation; Furadan; Guthion; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; ...4.1082

A STUDY OF RESIDUES RESULTING FROM GROWTH REGULATOR SPRAYS USED IN APPLE INDUSTRY ...Abscission; B9; Fruit Analysis; Naa; Pesticide Residue Analysis; Pesticides - other; Prunus Cerasus & P. Avium; ...4.1084

Rosa

BARK RESIDUES AS SOIL CONDITIONER ...Lycopersicum; Ornamentals; Plant Waste Removal, Treatment; Soil Amendments, Soil Compaction Or Density; Vegetables; ...3.0375

BIOLOGY AND CONTROL OF INSECT AND OTHER PESTS OF CUT FLOWERS ...Acaricides -nonspecific; Azodrin; Chrysanthemum; Fungicides -nonspecific; Methomyl; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; ...4.0258

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Animal Resistance; Chloropropylate; Chrysanthemum; Cyclic Organic Cpds. -(1 Or ; Fore ; Kelthane; Ornamentals; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0271

INVESTIGATIONS WITH ORNAMENTAL PLANTS ...Climates - general; Dichlobenil; Kansas; Ornamentals; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0322

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0471

Rubus

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops - general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; Vitaceae; ...4.0409

BIONOMICS AND CONTROL OF INSECT PESTS AFFECTING SMALL FRUITS ...Domestic Animals; Guthion; Insect Resistance; Low Volume; Methomyl; Pesticide Evaluation; Vitaceae; ...4.0673

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Aliphatic Carbamates; Chemical Analysis; Disulfoton; Moisture Deficiency; Pesticide in Food Chains; Pesticide Residues; Preventative Measures; ...4.1000

Rubiaceae

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amarantha.eae; Arachis; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Sutan; ...4.0293

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

CONTROL OF WEEDS ...Ametryn; Diuron; Pesticide Formulation; Pesticide Phytotoxicity; Pesticides -other; Puerto Rico; Saccharum; ...4.0471

EFFECT OF PROCESSING ON SYSTEMIC PESTICIDES IN COFFEE, PINEAPPLE, AND TOMATO ...Bayer Compounds; Chemical Analysis; Food Contamination; Pesticide Action on Plants; Phosphorus and Phosphorus Cpds; ...4.0472

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules; Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - STUDIES ON THE BIOLOGY AND STERILIZATION OF THE COFFEE LEAF MINER ...Animal Resistance; Biological Control; Foreign Agriculture; Guatemala; Pesticide Toxicity in Animals; Physical Control; X and Gamma Rays; ...4.0583

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Capnus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

RECOVERY OF A TROPICAL RAIN FOREST FOLLOWING EXPOSURE TO GAMMA RADIATON ...Dominant Organisms; Moraceae; Plants; Radiation Resistance; Rain Forests; Soil Cover Crops; X and Gamma Rays; ...5.0544

Rutaceae

Citrus

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY IN CITRUS ...Air Pollution -see Specifics; Carbon; Gossypium; Nitrogen Metabolism; Permeability; ...1.0321

THE TOTAL EFFECT OF AIR POLLUTANTS ON BEARING CITRUS ...Air Pollution -see Specifics; California; Fluorine; Fruit, Nut, and Berry Crops; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Response to Env. -ns; ...1.0325

EFFECTS OF AIR-BORNE FLUORIDES ON CITRUS ...Air Pollution -see Specifics; Fluorine; Fruit, Nut, and Berry Crops; Leaf Analysis; Plant Pathology - Env Relat; ...1.0340

EFFECTS OF AIR-BORNE FLUORIDES ON CITRUS ...Fertilizer Industry; Fluorine; Fruit, Nut, and Berry Crops; Herbicides and Other Chem; Industrial Pollution -general; Leaf Analysis; Mineral Composition; ...1.0341

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Drainage; Forecasting - Prediction; Fruit, Nut, and Berry Crops; Soil Depth; Soil Types -also See Specifics; Water Table; ...2.1227

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Drainage; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Drainage; Drainage Engineering; Fluorine; Growth; Water Table; ...2.1229

IRRIGATION OF CITRUS WITH WASTE WATER ...Absorption (incl. Adsorption); Food Processing Industries; Industrial Wastes; Irrigation; Sewage; Water Application Methods; ...2.1526

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

INVESTIGATION OF PESTICIDE DRIFT IN THE LOWER RIO GRANDE VALLEY OF TEXAS ...Biological Control; Climates - general; Insects - Beneficial; Pesticide Drift; Population Dynamics -general; ...4.0071

PRELIMINARY EXPLORATORY CITRUS RESEARCH AT CITRUS EXPERIMENT STATION ...Aliphatic Carbamates; Fruit, Nut, and Berry Crops; Literature Search; Pesticide Formulation; Pesticide Residues; Soil Depth; ...4.0096

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides - other, Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

DEVELOPMENT AND APPLICATION OF ANALYTICAL METHODS FOR THE DETERMINATION OF HERBICIDES AND PLANT GROWTH REGULATORS ...Alachlor; Cdaa; Chemical Analysis; D, 2,4-; Gel Chromatography; Naa; Pesticide Residues; Vernolate; ...4.0237

CHEMICAL CONTROL OF MITES AFFECTING CITRUS ...Acaricides -nonspecific; Arachnida; Pesticide Application Rates; Pesticide Evaluation; Pesticide Phytotoxicity; Pesticides Compatibility; ...4.0262

CHEMICAL CONTROL OF SCALES AND OTHER INSECTS INFESTING CITRUS ...Aliphatic Carbamates; C 9491; Emulsifiers; Furadan; Malathion; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Supracide; UC 34096; ...4.0274

CHEMICAL CONTROL OF MITES ATTACKING CITRUS ...Acaricides -nonspecific; Arachnida; Pesticide Application Rates; Pesticide Evaluation; Pesticide Phytotoxicity; Pesticides Compatibility; ...4.0276

WEED CONTROL IN CITRICULTURE ...Amphibious Plants; Dalapon; Diuron; Fruit, Nut, and Berry Crops; Pesticide Action on Plants; Pesticide Evaluation; Pesticides -other; Riparian Plants; Simazine; Surfactants - Wetting Agents; Triazines -nonspecific; Vca-438; ...4.0277

ANTIMICROBIAL ACTION OF BIPHENYL AND DERIVATIVES ON CITRUS SPOILAGE ORGANISMS ...Diphenyl; Foreign Agriculture; Fruit, Nut, and Berry Crops; Pesticide Phytotoxicity; Trichoderma; ...4.0296

HONEY BEE BEHAVIOR AND UTILIZATION ...Herbicides -nonspecific; Insects - Beneficial; Microorganisms -nonspecific; Streptomycin; Tetracycline; ...4.0535

BIOLOGY AND CONTROL OF ORANGEWORMS ATTACKING CITRUS, WITH REFERENCE TO ORANGE TORTRIX ...Biological Control; DDT; Insects - Beneficial; Pesticide Application Rates; Pesticide Residues; TDE; ...4.0562

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Fragaria; Fruit, Nut, and Berry Crops; Fumigants -nonspecific; Horticultural Crops -general; Lactuca; Pesticide Organoleptic Prop.; Phaseolus; Residues in Foods; Vegetables; ...4.0929

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

PESTICIDE RESIDUE INVESTIGATIONS, YAKIMA ...Aliphatic Carbamates; DDT; Labiatae; Leaf Analysis; Metabolites From Pesticides; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Plant; ...4.0994

PHYSIOLOGY OF CITRUS FRUIT ABSCISSION ...Abcission; Cycloheximide; Enzymes; Herbicides and Other Chem; Pesticide Evaluation; Temperature - Air; ...4.1007

Salicaceae

Populus

FOREST TREE IMPROVEMENT THROUGH SELECTION AND BREEDING ...Abies; Air Pollution -see Specifics; Forest Pathology; Juglans; Magnoliaceae; Pinus Nigra; ...1.0414

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Ceracus & P. Avium; Soil Moisture; Translocation; Ulmaceae; ...4.0519

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Terbacil; ...4.0899

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Mammals -nonspecific; Microorganisms; Picea; Plants; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0769

Salix

VEGETATIVE STABILIZATION OF MINE TAILINGS, WASTES, AND SPOILS ...Climates -general; Gramineae -other; Mineral Nutrition; Oil Shale; Setaria; Soil Chemical Properties; Spoil Banks; ...2.0077

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Ves-438; ...4.0501

Saxifragaceae

CURRANT STEM GIRDLER AND CURRANT BORER ...Animal Life History Studies; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pesticide Evaluation; Pesticide Residues; Population Dynamics -general; ...4.0416

Scophulariaceae

VARIABLE TOXIC RESPONSE AS A MEANS OF OBTAINING SMOG-RESISTANT PLANTS ...Growth; Herbicides and Other Chem; Pathological Physiology; Plant Response to Env. -ns, Smog; ...1.0314

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

PHYSIOLOGY AND CONTROL OF WITCHWEED IN CORN ...Environment Accumulation Rates; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Seeds; ...4.0158

EFFECTS OF PESTICIDES ON NON-TARGET ORGANISMS ...Animal; Arachnida; Dieldrin; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0667

Solanaceae

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Humidity; Northeast U. S.; Permeability; Vegetables; ...1.0369

CONSERVATION OF RESOURCES IN MUNICIPAL WASTES ...Bromacil; Cotoran; Pennisetum; Plant Residues, Humus, Compost; Soil - Crop Relationships; Soil Cover Crops; Trifluralin; ...3.0046

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Soil pH; Zinc; ...3.0359

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor, Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

A CYTOLOGICAL STUDY OF RADIATION INDUCED ALTERATIONS IN CYTOPLASMIC FACTORS CONTROLLING MALE STERILITY IN CORN ...Crotalaria; Helminthosporium; Plants; X and Gamma Rays; ...4.0245

Capsicum

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

ACTION OF SELECTIVE CHEMICALS ON MICRO-ORGANISMS AND HIGHER PLANTS ...Nematoda; Pesticide Evaluation; Phaseolus; Temperature - Air; Vegetables; Xanthomonas; ...4.0255

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

WEED CONTROL IN PLANT INDUSTRY ...Lycopersicum; Pesticide Evaluation; Pesticide Residues; Simate; Tillam; Vegetables; ...4.0291

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Rain; Sulfhydryl Compounds; Vegetables; ...4.0309

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

EVALUATING NEW FUNGICIDES ...Disulfoton; Granules, Capsules, Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; Vegetables; ...4.0479

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. - (1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

Datura

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; ...anslocation; ...4.0256

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; Setaria; ...4.0304

Lycopersicum

INFLUENCE OF ENVIRONMENT, CHEMICAL ADDITIVES AND AIR POLLUTANTS ON APPARENT PHOTOSYNTHESIS AND RESPIRATION ...Absorption (incl. Adsorption); Industrial Pollution -general; Lactuca; Nitrogen and Nitrogen Cpds.; Parathion; Phaseolus; Respiration; ...1.0324

PHYSIOLOGICAL RESPONSES OF PLANTS TO TOXIC AIR POLLUTANTS ...Adenosine Triphosphate; Enzymes; Mineral Nutrition; Pathological Physiology; Pinus Nigra; Respiration; Vegetables; ...1.0365

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Chlorine; Industrial Pollution -general; Nicotiana; Northeast U. S.; ...1.0418

ANIMAL WASTE COMPOSTING WITH CARBONACEOUS MATERIAL ...Farm Animal Wastes; Mineral Nutrition; Panicum -other; Plant Residues, Humus, Compost; Soil Amendments; Triticum; Waste Disposal on Soils; ...3.0252

BARK RESIDUES AS SOIL CONDITIONER ...Ornamentals; Plant Waste Removal, Treatment; Soil Amendments; Soil Compaction Or Density; Vegetables; ...3.0375

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

PHYSIOLOGY AND CONTROL OF WITCHWEED IN CORN ...Environment Accumulation Rates; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Seeds; ...4.0158

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil

Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

EFFECTS OF HERBICIDES ON QUALITY AND CHEMICAL COMPOSITION OF FRESH AND PROCESSED VEGETABLES ...Cycloate; Diphenamid; Pesticide Organoleptic Prop.; Phaseolus; Vegetables; ...4.0217

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dew; Dimethoate; Emulsifiers; Formulations -nonspecific; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

REACTIONS OF VEGETABLE CROPS TO APPLIED CHEMICALS, EXCLUSIVE OF NUTRIENTS ...Allium; Cucumis Melo; Dacthal; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0241

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming - vegetables; ...4.0272

PRELIMINARY EXPLORATORY RESEARCH AT THE SOUTH FLORIDA FIELD LABORATORY ...Citrullus; Fruit, Nut, and Berry Crops; Fusarium; Pesticide Application Rates; Pesticide Phytotoxicity; Pinolene; Vegetables; ...4.0273

WEED CONTROL IN PLANT INDUSTRY ...Capsicum; Pesticide Evaluation; Pesticide Residues; Sirmate; Tillam; Vegetables; ...4.0291

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus; Cucumis Sativus; Pesticide Evaluation; Pesticide Residues; Phaseolus; Planavin; Tok; Vegetables; ...4.0292

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Pesticide Interaction With Env; Phaseolus; Rain; Sulfhydryl Compounds, Vegetables; ...4.0309

COMPOUNDS IN WEEDS RESPONSIBLE FOR DORMANCY AND THE REDUCTION OF CROP YIELDS ...Agropyron; Glycine; Growth; Plant Toxins; Sorghum; Triticum; ...4.0346

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Euphorbiaceae; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0355

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Ves-438; ...4.0364

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis Reproductive Physiology; Temperature - Air; Turf; ...4.0389

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Pesticide Action on Plants; Phaseolus; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl. Adsorption); Chemical Analysis; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Pesticide Organoleptic Prop.; Radioisotopes -nonspecific; Solanum; Vegetables; ...4.0437

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Chlorinated Hydrocarbons; Gallus Domesticus; Pesticide in Food Chains; Pesticide Residues Removal; Solanum; ...4.0440

EFFECT OF PROCESSING ON SYSTEMIC PESTICIDES IN COFFEE, PINEAPPLE, AND TOMATO ...Bayer Compounds; Chemical Analysis; Food Contamination; Pesticide Action on Plants; Phosphorus and Phosphorus Cpds; Rubiaceae; ...4.0472

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; Vegetables; ...4.0500

EFFECTS OF HERBICIDES ON TREE FRUITS AND SMALL FRUITS ...Amino Triazole; Fragaria; Pesticide Application Rates; Pesticide Phytotoxicity; Pesticide Safety Measures; ...4.0512

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Citrus; Fragaria; Fruit, Nut, and Berry Crops; Fumigants -nonspecific; Horticultural Crops - general; Lactuca; Pesticide Organoleptic Prop.; Phaseolus; Residues in Foods; Vegetables; ...4.0929

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

A STUDY OF THE HORTICULTURE SPECIALTY INDUSTRY IN MISSISSIPPI ...Brassica Species; Dacthal; Residues in Foods; Trifluralin; ...4.1053

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia, Solanum; TCA; ...4.1074

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazoxon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticides -see Pesticide; Plant; .4.1075

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes - nonspecific; Saccharum; Tropical Regions; ...4.1107

FISSION PRODUCT CYCLES IN AN AGRICULTURAL SYSTEM - VALIDATION OF MODEL ...Models of Biological Systems; Radioactive Contamination; Soil Chemical Properties; Strontium; Vegetables; ...5.0154

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS ...Absorption (incl. Adsorption); Calcium; Cellular Biosynthesis; Ion Transport and Elect. Pot.; Mineral Nutrition; Passive Transport, Diffusion; Radioactive Fallout-cf Fallout; Soil Temp. -non-specific; Zinc; ...5.0409

Nicotiana

EFFECT OF AIR POLLUTANTS AND OF OTHER ENVIRONMENTAL FACTORS ON PLANT CELL AND TISSUE GROWTH ...Air Pollution -see Specifics; Cellular Biosynthesis; Growth; Plant Response to Env. -ns; ...1.0323

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Cell Injury and Autolysis; Herbicides and Other Chem; Phaseolus; Pollutant Resistance; ...1.0334

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Bioindicators; B9; Liquids Or Sprays; Mineral Nutrition; Pesticide Evaluation; Pesticides -other; Pollutant Resistance; Zea Mays - Field Corn; ...1.0338

ATMOSPHERIC OZONE AND WEATHER FLECK ON FLORIDA CIGAR-WRAPPER TOBACCO ...Air Masses; Climates -general; Gases; Soil Moisture; ...1.0342

EFFECTS OF CIGARETTE SMOKE ON PLANT CELLS IN TISSUE CULTURES ...Air Pollution -see Specifics; Allium; Bioas-

says; Gases; Herbicides and Other Chem; Lemnaceae; Tobacco - cigarettes; ...1.0349

BREEDING, GENETICS AND DISEASE CONTROL OF ALL TOBACCO TYPES ...Air Pollution -see Specifics; Fungal Resistance; Peronosporaceae; Temperature - Air; ...1.0353

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Humidity; Northeast U. S.; Permeability; Solanaceae; Vegetables; ...1.0369

AIR POLLUTION PROBLEMS IN NORTHEAST ...Air Pollution; Air Pollution -see Specifics; Climates -general; Synoptic Weather Observations; Wind -see Air Motion; ...1.0378

RESPONSE OF PLANTS TO INTERACTIONS BETWEEN PATHOGENS AND OZONE ...Air Pollution -see Specifics; Avena Sativa; Hordeum Vulgare; ...1.0392

STUDIES TO DEVELOP DIAGNOSTIC TECHNIQUES FOR EVALUATING INJURY TO VEGETATION ...Air Pollution -see Specifics; Glycine; Growth; Plant Response to Env. -ns; Respiration; ...1.0401

PLANT AIR POLLUTION STUDIES ON LOSSES, EFFECTS, AND CONTROL AND TECHNICAL ASSISTANCE ON PROBLEMS ...Air Pollution -see Specifics; Losses Due to Pollution; Moisture Deficiency; Pinus Strobus; Soil Chemical Properties; Temperature - Air; ...1.0408

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Chlorine; Industrial Pollution -general; Lycopersicum; Northeast U. S.; ...1.0418

EARLY DIAGNOSIS OF POLLUTION-INDUCED PLANT DAMAGE ...Air Pollution -see Specifics; Chenopodiaceae; Kinetics; Photosynthesis; Vegetables; ...1.0424

BIOLOGY AND CONTROL OF INSECTS ON TOBACCO ...Animal Resistance; Bayer 25141; Cyclodiene Cpds. -nonspecific; Disulfoton; Dyphonate; Gardona; Methomyl; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0254

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

CHEMICAL CONTROL OF NEMATODE ROOT ROT COMPLEX OF SHADE-GROWN TOBACCO ...Aliphatic Carbamates; Furadan; Natural N-fixation -other; Vorlex; ...4.0282

CULTURE AND PHYSIOLOGY OF FLUE-CURED TOBACCO ...Air Pollution-chemistry; Growth Substances; Pesticide Action on Plants; Pesticides -other; Tillage, Cropping Systems; ...4.0295

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Bioassay; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Plant Resistance; Simazine; Zea Mays - Field Corn; ...4.0327

PREPARATION AND BIOASSAY OF SMOKE CONDENSATE FROM TOBACCO SAMPLES ...Bioassays; Co-carcinogenesis; Maleic Hydrazide; Pesticide Rates -general; Tobacco -cigarettes; Tween-80 -see Surfactants; ...4.0405

INSECTICIDAL CONTROL OF INSECTS ATTACKING FLUE-CURED AND BURLEY TOBACCO ...Azodrin; Carbamates - nonspecific; DDT; Methomyl; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Phytotoxicity; Sevin; TDE; ...4.0429

CONTROL OF TOBACCO DISEASES BY SOIL FUMIGATION ...Bacterial Resistance; Chemical Analysis; Dd; Fungal Resistance; Nematoda; Pesticide Evaluation; Pesticide Residues; Plant Population Dynamics -gen; Terr-o-cide; Vorlex; ...4.0431

CONTROL OF WEEDS ...Ametryn; Diuron; Pesticide Formulation; Pesticide Phytotoxicity; Pesticides -other; Puerto Rico; Saccharum; ...4.0471

TOBACCO PLANT BED MANAGEMENT RESEARCH ...Diphenamid; Nematoda; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0477

CYTOGENETIC EFFECTS OF FLUORIDE ...Air Pollution -see Specifics, Chemical Mutagenesis; Fluorine; Herbicides and Other Chem; Mutagenesis -nonspecific; Pesticide Phytotoxicity; ...4.0488

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Cladosporium; Herbicides -nonspecific; Mucor; Penicillium; Pesticide Toxicity to Microorg; Tobacco -cigarettes; Toxic Substances; ...4.0800

BIOASSAY OF SUCKER CONTROL CHEMICALS AND PESTICIDE RESIDUE ON LEAF TOBACCO ...Bioassay; Carbon; Maleic Hydrazide; Pesticide Residues; Tobacco Products &/or Smoking; Tween-80 -see Surfactants; ...4.0968

HEALTH-RELATED FLUE CURED TOBACCO RESEARCH IN NORTH CAROLINA ...Alternaria; Chloropicrin; Dichloropropene; Leaf Analysis; Nematode Resistance; Pesticide Evaluation; Pesticide Residues; Pesticide Toxicity in Humans; Propargyl Bromide; ...4.0970

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Pesticide Residue Analysis; Pesticides -other; Quail; Terbacil; Tobacco -cigarettes; ...4.0972

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bux-ten; Disulfoton; Guthion; Monitor; Nicotine; Pesticide Residue Analysis; Photoperiod; Temperature - Air; ...4.1036

KINDS AND LEVELS OF PESTICIDES OR METABOLIC PRODUCTS IN TOBACCO LEAF AND SMOKE ...Fungicides - nonspecific; Maleic Hydrazide; Pesticide Rates -general; Pesticides -other; ...4.1089

THE CONTROL OF TOBACCO DISEASES BY CULTURAL PRACTICES AND CHEMICALS ...Alternaria; Dd; Fungal Resistance; Nematoda; Peronosporaceae; Phytophthora; ...4.1090

PESTICIDE RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Bioassay; Brassica Species; Cladocera; Fish; Leaf Analysis; Pesticide in Food Chains; Trifluralin; ...4.1111

PREVENTING INSECT DAMAGE TO TOBACCO AND TOBACCO PRODUCTS IN MARKETING CHANNELS ...Bacilli -nonspecific; Pesticide Evaluation; Pesticide Toxicity in Animals; Physical Control; Temperature - Air; ...4.1127

STUDY OF THRIPS TABACI, ITS BIOLOGY AND ECOLOGY, A VIRUS VECTOR ON TOBACCO ...Animal Life History Studies; Insect Resistance; Pesticide Residue Analysis; Phenols; Population Dynamics -general; ...4.1134

THE PHOTOBIOLOGY AND PHOTOCHEMISTRY OF RIBONUCLEIC ACIDS ...Cellular Repair Mechanisms; Photoactivation and React; Plants; Radiation -see Specifics; Ultra Violet Radiation; Viruses - Animal; ...5.0088

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

Solanum

OZONE DAMAGE TO PLANTS ...Bayer 25141; Fruit, Nut, and Berry Crops; Pollutant Resistance; Wind -see Air Motion; ...1.0337

ACTION OF AIR POLLUTANTS ON PLANTS AND METHODS OF DAMAGE CONTROL ESPECIALLY THROUGH RESISTANCE ...Air Pollution -see Specifics; Cellular Biosynthesis; Ornamentals; Phaseolus; Pigments; Polygonaceae; ...1.0351

EVALUATION OF POTATO VARIETIES ...Air Pollution -see Specifics; Mineral Nutrition; Vegetables; ...1.0367

REDUCING POLLUTION FROM POTATO AND ROOT VEGETABLE PEELING ...Canning Wastes -see Food Proc.; Food Processing Industries; Lye; Plant Waste Removal, Treatment; Water Quality Control -general; ...2.1162

RECOVERY OF AMINO ACIDS FROM POTATO STARCH FACTORY SECONDARY WASTES ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Ion Exchange; Process Development; Product Development Research; Water Quality Control -general; ...3.0041

DESIGNING AND TESTING HYDRAULIC HANDLING SYSTEMS FOR POTATOES, SUGAR BEETS AND OTHER CROPS ...Chenopodiaceae; Plant Pathology - Env. Relat.; Plant Waste Removal, Treatment; Storage Changes; Vegetables; ...3.0157

PAPER AND FIBERBOARD PROCESSES ...Additives; Combustion Air Pollution-gen; Fabrication; Industrial Wastes; Materials, Composite, Pulp and Paper; ...3.0407

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Sprinkler Irrigation; ...4.0014

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Tba; Vcs-438; ...4.0069

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Trifluralin; Vegetables; ...4.0103

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Cynodon; Fumigants - nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Vitaceae; ...4.0191

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Diazinon; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; Zea Mays - Sweet Corn; ...4.0213

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Soil Fertility; Terbacil; Vigna; ...4.0218

CHEMICAL CONTROL OF WEEDS IN POTATOES ...Cyclic Organic Cpds. --(1 Or ; Dacthal ; Diphenamid; Pesticide Action on Plants; Pesticide Phytotoxicity; ...4.0253

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Truck Farming -vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming - vegetables; ...4.0272

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Trifluralin; ...4.0284

THE RELATIONSHIP OF INSECTS TO THE LEAFROLL VIRUS DISEASE OF POTATO ...Aliphatic Carbamates; Biological Control; Granules, Capsules; Pesticide Application Rates; Pesticide Phytotoxicity; Vegetables; ...4.0300

ARSENIC STUDIES WITH BLUEBERRIES AND POTATOES ...Arsenic; Ericaceae; Plant Absorption -other; Sandy Soils -see Soil Type; ...4.0335

EFFECT OF PCNB ON PALATABILITY AND COMPOSITION OF POTATOES ...Home Economics; Pellicularia; Pesticide Organoleptic Prop.; Phenols; Terrachlor; Vegetables; ...4.0342

INVESTIGATIONS OF MINT DISEASES ...Benlate; Fumigants - nonspecific; Labiatae; Pesticide Evaluation; Verticillium; ...4.0359

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Terbacil; Vcs-438; ...4.0364

CONTROL OF POTATO PESTS ...Captan; Difolatan; Fore; Fusarium; Pesticide Application Rates; Pesticide Phytotoxicity; Residues in Foods; Vegetables; ...4.0396

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus; Triticum; Zea Mays - Sweet Corn; ...4.0398

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; Zea Mays - Field Corn; ...4.0399

RESEARCH IN METHODS FOR TESTING ECONOMIC POISONS, FEEDS FERTILIZERS AND LIMING MATERIALS ...Aliphatic Carbamates; Chemical Analysis; Organophosphorous Cpds.; Soil Analysis; ...4.0400

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant; ...4.0435

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl. Adsorption); Chemical Analysis; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Lycopersicum; Pesticide Organoleptic Prop.; Radioisotopes -nonspecific; Vegetables; ...4.0437

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Chlorinated Hydrocarbons; Gallus Domesticus; Pesticide in Food Chains; Pesticide Residues Removal; ...4.0440

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Secale; Vicia; ...4.0469

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cdaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Vernolate; ...4.0516

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. --(1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

CONTROL OF INSECT PESTS OF VEGETABLES BY INSECTICIDES AND PLANT RESISTANCE ...Animal Resistance; Chlordan; Insect Resistance; Pesticide Evaluation; Thimet; ...4.0684

TRUCK CROP AND POTATO INSECTS AND THEIR CONTROL ...Agritox, Animal Life History Studies; Azodrin; Baygon; Cruciferae; Disulfoton; Endrin; Furadan; Methomyl; Parathion; Pesticide Phytotoxicity; Phaseolus; Phosvel; Thimet; ...4.0911

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

PHYTOTOXICITY OF MSMA RESIDUES AND ARSENIC CONTENT OF FOODS ...Aluminum; Arsenic; Glycine; Msma; Phaseolus; Soil Chemical Properties; ...4.0960

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; Zea Mays - Field Corn; ...4.0982

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...B9; Cucurbita; Liquids Or Sprays; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues, Plant Growth Regulators -ns.; Pyrus Malus; Tissue Accumulation Rates; ...4.0983

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; TCA; ...4.1074

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES ...D, 2,4-; Pesticide Action on Plants; Pesticide Residue Analysis; Residues in Foods; Storage Changes; ...4.1094

THE BIONOMICS AND CONTROL OF INSECTS ATTACKING VEGETABLE CROPS ...Animal Life History Studies; Bacillus Thuringiensis; Brassica Species; Chemical Analysis; Gas Chromatography; Pesticide Evaluation; Pesticide Residues; Soil Contamination -other; Thimet; ...4.1132

REMOVING RADIOACTIVE FALLOUT FROM VEGETABLES AND FRUITS DURING PROCESSING ...Cesium; Fragaria; Plants; Radioactive Contamination; Vegetables; ...5.0105

Theaceae

BIOLOGY AND CONTROL OF INSECT PESTS OF ORNAMENTAL PLANTS ...Aliphatic Carbamates; Dieldrin; Disulfoton; Granules, Capsules; Meta - Systox; Ornamentals; Pesticide Action on Plants; Pesticide Interaction With Env; Temporal Distribution; ...4.0289

Ulmaceae

SHADE TREE IMPROVEMENT THROUGH BREEDING AND SELECTION ...Air Pollution -see Specifics; Contamination - Soil; Ornamentals; Radioisotopes -nonspecific; Virus Resistance; ...1.0413

FUNGICIDAL & FUNGISTATIC PROPERTIES OF ANTI-OXIDANTS AND RELATED COMPOUNDS ...Antioxidants -nonspecific; Botrytis; Dusts; Ornamentals; Pesticide Evaluation; Pesticides -other; Zea Mays - Field Corn; ...4.0310

DUTCH ELM DISEASE ...Benlate; Biological Control; Fungal Resistance; Ornamentals; Pesticide Evaluation; Pesticide Residues; ...4.0358

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Economic Losses (or Benefits); Furadan; Malathion; Oleaceae; Pesticide Phytotoxicity; Population Dynamics -general; Thimet; ...4.0433

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; ...4.0485

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Ceracus & P. Avium; Soil Moisture; Translocation; ...4.0519

Umbelliforae

Apium Species

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation, Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...DDT; Parathion; Pesticide Residues; Pesticide Residues Removal; Temperature - Air; Vegetables; ...4.0266

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus, Sevin; Temperature - Air; ...4.0941

Daucus Species

VEGETABLE CROPS IMPROVEMENT THROUGH BREEDING ...Allium; Fusarium; Phosphorus and Phosphorus Cpds; Vegetables, ...1 0435

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon: Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides - other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

HERB'CIDES FOR VEGETABLES ...Allium; Cucumis Sativus; Fungal Resistance; Pesticide Evaluation; Plant Resistance; Soil Environment -other; Tok; Virus Resistance; ...4.0420

EFFECT OF SELECTED PESTICIDES ON NUTRITIVE COMPOSITION OF FRUITS AND VEGETABLES ...Dd; Herbicides and Other Chem; Nemagon; Pesticide Organoleptic Prop.; Triazines -nonspecific; ...4.0496

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. -(1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Dichloropropene; Pesticide Evaluation; Pesticide Residues; Residues in Foods; ...4.0928

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Citrus; Fragaria; Fruit, Nut, and Berry Crops; Fumigants -nonspecific; Horticultural Crops - general; Lactuca; Pesticide Organoleptic Prop.; Phaseolus; Residues in Foods; Vegetables; ...4.0929

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; Vegetables; ...4.0937

EFFECT OF HERBICIDES ON PROVITAMIN A VALUE OF SELECTED RAW AND COOKED VEGETABLES ...Amino Triazole; Chenopodiaceae; Muridae; Residues in Foods; Vegetables; ...4.0957

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Benlate; Chenopodiaceae; Ethrel; Penicillium; Pesticide Residues Removal; Respiration; TBZ; ...4.1047

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Chenopodiaceae; Dieldrin; Dimethoate; Insect Resistance; Parathion; Pesticide Residues; Sorghum; Triticum; ...4.1115

Verbenaceae

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; ...4.0491

Vitaceae

PROCESSING OF WINE FOR PRODUCT IMPROVEMENT AND POLLUTION REDUCTION ...Botrytis; Plant Waste Removal, Treatment; Product Development Research; Sulfur Dioxide; ...3.0015

FERMENTED FOOD PRODUCTS ...Botrytis; Food Contamination; Plant Waste Removal, Treatment; Product Development Research; ...3.0036

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Cynodon; Fumigants - nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Solanum; ...4.0191

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

PRELIMINARY RESEARCH ON CUCURBITS AND FRUIT CROPS ...Cipc; Dichlobenil; Florida; Fruit, Nut, and Berry Crops; Herbicides -nonspecific; Mineral Nutrition; Pesticide Phytotoxicity; Prunus Persica; ...4.0279

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Air Pollution -see Specifics; Beta Particles; Fragaria; Malathion; Pesticide Interaction With Env; Pesticide Residues Removal; Residues in Foods; X and Gamma Rays; ...4.0308

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops - general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; ...4.0323

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction W'th Env; Poa Pratensis; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

SMALL FRUIT DISEASES CAUSED BY FUNGI OR BACTERIA ...Benlate; Concentrates; Erysiphe; Fragaria; Fungal Physiology; Horticultural Crops -general; Maneb; Pesticide Application Equip.; Pesticide Evaluation; Pesticides Compatibility; Plasmopara; Sulfur; ...4.0409

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; D, 2,4-; Diuron; Pesticide Application Rates; Pesticide Formulation; Pesticide Safety Measures; Simazine; Terbacil; ...4.0415

BIOLOGY AND CONTROL OF GRAPE BERRY MOTH ...Animal Life History Studies; C 9491; Guthion; Pesticide Application Rates; Pesticide Legal Aspects; Pesticide Residues; Population Dynamics -general; Solvents Or Carriers; Supracide; ...4.0417

BIONOMICS AND CONTROL OF INSECT PESTS AFFECTING SMALL FRUITS ...Domestic Animals; Guthion; Insect Resistance; Low Volume; Methomyl; Pesticide Evaluation; ...4.0673

Zygophyllaceae

EFFECTS OF NUCLEAR TESTING ON VASCULAR PLANT AND RODENT POPULATIONS, NEVADA TEST SITE, NYE COUNTY, NEVADA ...Nevada; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Rodentia -other; X and Gamma Rays; ...5.0147

Plants - Monocotyledons

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; Land Use; New York; Plants - Dicotyledons; Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

TISSUE ANALYSIS FOR NUTRIENT ASSAY OF NATURAL WATERS ...Aquatic Plants -nonspecific; Mineralogical Water Properties; Plant Pollutants; Wisconsin; ...2.0859

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Growth; Plants; Radiation Effects -see Rad.; Radiation Sensitivity -man; Reproductive Physiology; X and Gamma Rays; ...5.0536

Araceae

PESTICIDE RESIDUE CLEARANCE PROGRAM ...Captan; Chemical Analysis; Liquids Or Sprays; Pentachlorophenol; Pesticide Residues; Residues in Foods; ...4.0297

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

Bromeliaceae

PESTICIDE RESIDUE CLEARANCE PROGRAM ...Araceae; Captan; Chemical Analysis; Liquids Or Sprays; Pentachlorophenol; Pesticide Residues; Residues in Foods; ...4.0297

CONTROL OF WEEDS ...Ametryn; Diuron; Pesticide Formulation; Pesticide Phytotoxicity; Pesticides -other; Puerto Rico; Saccharum; ...4.0471

EFFECT OF PROCESSING ON SYSTEMIC PESTICIDES IN COFFEE, PINEAPPLE, AND TOMATO ...Bayer Compounds; Chemical Analysis; Food Contamination; Pesticide Action on Plants; Phosphorus and Phosphorus Cpds; Rubiaceae; ...4.0472

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

Commelinaceae

CHROMOSOME STRUCTURE AS REVEALED BY RADIATION STUDIES ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation; Radiation Sources -general; Vicia; ...5.0182

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Aging; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Radiation Sensitivity -man; Somatic Mutation; Temperature - Air; ...5.0408

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Dosimetry; Ionizing Radiation -see Rad.; Muridae; Plasmas; Radiation; Radiation Sources -general; X and Gamma Rays; ...5.0870

RELATIONSHIP OF PLOIDY, CHROMOSOME SIZE AND RADIOSENSITIVITY ...Cell Injury and Autolysis; Cobalt; Neutron -see Radiation; Pollens -see Air Pollution; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0899

Cyperaceae

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED, WALWORTH, ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Algae -nonspecific; Chemical Water Properties; Fish; Najadaceae; Physical Water Properties; Range Or Territorial Distr.; Water Pollutant Identification; Watersheds; ...2.0868

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; Radioisotopes -nonspecific; 2,4-db; ...4.0130

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; Sorghum; ...4.0148

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

LIFE CYCLE, PHYSIOLOGY AND CONTROL OF PERENNIAL WEEDS AFFECTING SUBTROPICAL FRUIT CROPS ...Alachlor; Cynodon; Lactuca; Pesticide Action on Plants; Pesticide Evaluation; Sub - Tropic Regions; ...4.0236

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

CHEMICAL CONTROL OF WEEDS IN POTATOES ...Cyclic Organic Cpds. --(1 Or ; Dacthal ; Diphenamid; Pesticide Action on Plants; Pesticide Phytotoxicity; Solanum; ...4.0253

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming -vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Formulations -nonspecific; Hibiscus; Linuron; Nematocides - nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming - vegetables; ...4.0272

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

COMPOUNDS IN WEEDS RESPONSIBLE FOR DORMANCY AND THE REDUCTION OF CROP YIELDS ...Agropyron;

Glycine; Growth; Lycopersicum; Plant Toxins; Sorghum; Triticum; ...4.0346

TRANSLOCATION OF HERBICIDES IN NUTGRASS AND JOHNSONGRASS ...Carbon; Dalapon; High Temp. - 85f Or Above; Pesticide Action on Plants; Plant Absorption -other; Surfactants - Wetting Agents; ...4.0377

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Gossypium; Herban; Liquids Or Sprays; Pesticide Evaluation; Planavin; Prometryne; Trifluralin; ...4.0379

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Agropyron; Dalapon; Medicago; Pesticide Degradation -see Deg; Pesticide Interaction With Env; Pesticide Residues; 2,4-db; ...4.0419

PHYSIOLOGICAL AND MORPHOLOGICAL RESPONSE OF PLANTS TO HERBICIDES ...Compositae; IAA; Pesticide Interaction -gen.; Plant Absorption -other; Poa Pratensis; Trifolium; ...4.0439

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Ametryn; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Formulation; Plant Resistance; Saccharum; Terbacil; ...4.0470

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

CHEMICAL CONTROL OF WEEDS IN NURSERY AND TURF PLANTINGS ...Agropyron; Gramineae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Phenology; ...4.1012

Dioscoreaceae

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes - nonspecific; Saccharum; Tropical Regions; ...4.1107

Gramineae

'SOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs, Environmental Ecology; Fish; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

AN ECOLOGICAL STUDY OF THE PATUXENT ESTUARY ...Amphibious Plants; Electric Power Plants; Induced Temperature; Physiological Effects; Thermal Pollution; Zizanieae; ...2.1573

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides - other; Plant Resistance; Siduron; Terbutol, Vcs-438; ...4.0172

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Temperature - Air; Trifolium; ...4.0227

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Dacthal; Environment Accumulation Rates; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

TURFGRASS WEED CONTROL ...Bensulide; Digitaria; Gramineae -other; Pesticide Interaction With Env; Temperature - Air; Turf; ...4.0459

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Growth; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0490

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

REMOVAL OF COMPETING PAMPAS GRASS (CORTADERIA SELLOANA) FROM REDWOOD REFORESTATION AREAS ...D, 2,4-; Mammals -nonspecific; Pesticide Application Rates; Pesticide Formulation; Picea; Sequoia; ...4.0541

CHEMICAL CONTROL OF WEEDS IN NURSERY AND TURF PLANTINGS ...Agropyron; Cyperaceae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Phenology; ...4.1012

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties; Eastern U. S.; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; Water Cycle; ...5.0032

Agropyron

HF-AIR POLLUTION AND INTERMEDIARY METABOLISM ...Adenosine Diphosphate; Herbicides and Other Chem; Nitrogen Metabolism; Respiration; Triticum; ...1.0427

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Centaurea; Convolvulaceae; Cynodon; Fumigants -nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Solanum; Vitaceae; ...4.0191

COMPOUNDS IN WEEDS RESPONSIBLE FOR DORMANCY AND THE REDUCTION OF CROP YIELDS ...Glycine; Growth; Lycopersicum; Plant Toxins; Sorghum; Triticum; ...4.0346

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Convolvulaceae; Digitaria; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods, Simazine; Trifluralin; ...4.0418

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Cyperaceae; Dalapon; Medicago; Pesticide Degradation -see Deg; Pesticide Interaction With Env; Pesticide Residues; 2,4-db; ...4.0419

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops, Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity, Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Atrazine; Environment Accumulation Rates Linuron; Medicago; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

CHEMICAL CONTROL OF WEEDS IN NURSERY AND TURF PLANTINGS ...Cyperaceae; Gramineae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Phenology; ...4.1012

Agrostis

THE DISEASES OF TURFGRASSES AND THEIR CONTROL ...Cynodon; Pesticide Phytotoxicity; PMA; TBZ, Thiram; ...4.0449

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

STUDY OF HERBICIDES SELECTIVITY USING INTRA-SPECIES PLANT INDICATORS ...Absorption (incl. Adsorption); Carbon; Mineral Nutrition; Pesticide Phytotoxicity; Photosynthesis; Respiration; Tok; ...4.0614

Andropogon

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout, Sodium; ...5.0075

Avena Sativa

RESPONSE OF PLANTS TO INTERACTIONS BETWEEN PATHOGENS AND OZONE ...Air Pollution -see Specifics; Hordeum Vulgare; Nicotiana; ...1.0392

EFFECTS OF GARBAGE COMPOST ON SOIL AND CROP PRODUCTION ...Plant Waste Removal, Treatment; Soil - Crop Relationships; Soil Chemical Properties; Soil Microbiology; Soil pH; Waste Disposal on Soils; ...3.0003

IMPROVEMENT OF CEREAL GRAINS UNDER IRRIGATION ...Heat Resistance; Irrigation; Moisture Deficiency; Soils; Triticum; Waste Disposal on Soils; ...3.0047

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

CHEMISTRY OF PESTICIDES IN SOILS ...Arsenic; Chemical Analysis; Cucumis Sativus; DDT; Pesticide Residue Analysis; Plant Resistance; Zea Mays - Field Corn; ...4.0119

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

DISPOSITION OF PESTICIDES IN THE SOIL ...Granules, Capsules; Medicago; Plant Residues, Humus, Compost; Soil Microbiology; Yeasts -nonspecific; ...4.0178

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides - other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

INVESTIGATIONS OF CEREAL AND FORAGE CROP DISEASES AND THEIR CONTROL ...Erysiphe; Pesticide Evaluation; Plantvax; Sorghum; Tilletia; Ustilaginales; ...4.0317

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Cdaa; Glycine; Nitrification; Pesticides Compatibility; Rhizosphere; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus, Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

EVALUATION OF CHEMICAL FORMULATIONS AND ENERGY PROCESSES AS SEED TREATMENTS OF MAJOR CROP PLANTS ...Metal Organics -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Temperature - Air; Triticum; Vitavax; ...4.0410

MECHANISMS OF PLANT GROWTH REGULATION ...Growth Substances; Hydrogen; Pesticide Phytotoxicity; Respiration; Ultra Violet Radiation; ...4.0461

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis - chem.; Secale; Solanum; Vicia; ...4.0469

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Glycine; Nitrogen Metabolism; Pennisetum; Pesticide Phytotoxicity; Plant Absorption -other; Propachlor; Zea Mays - Field Corn; ...4.0482

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Environment Accumulation Rates; Linuron; Medicago; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

CHEMICAL CONTROL OF PERENNIAL BROADLEAVED WEEDS IN ALFALFA ...Atrazine; Caryophyllaceae; Cruciferae; Medicago; Pesticide Residues; Terbacil; ...4.0520

FACTORS INVOLVING PESTICIDES IN MILK PRODUCTS ...Chemical Analysis; Gossypium; Pesticide in Food Chains; Residues in Foods; ...4.0685

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Atrazine; Bioassay; Environment Accumulation Rates; Loam - see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Prometryne; Soil Types -also See Specifics; ...4.1035

Bromus

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0130

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Agropyron; Cyperaceae; Dalapon; Medicago; Pesticide Degradation -see Deg; Pesticide Interaction With Env; Pesticide Residues; 2,4-db; ...4.0419

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine; Diquat; Festuca; Paraquat; Pesticide Persistance in Soils; Prometryne; Terbacil; Trifolium; ...4.0457

HERBICIDAL WEED CONTROL IN ALFALFA IN WYOMING ...Atrazine; Chenopodiaceae; Medicago; Pesticide Evaluation; Pesticide Residues; Rp-11561; Terbacil; ...4.0534

Cynodon

EVALUATION OF POULTRY MANURE AS A FERTILIZER ...Bos; Fertilizer Losses; Soil Chemical Properties; Trifolium; ...3.0004

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots; Contamination - Soil; Farm Animal Wastes; Fertilizer Toxicity; Groundwater; Rain; Soil Chemical Properties; Waste Disposal on Soils; ...3.0005

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Fumigants -nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology - nonspecific; Solanum; Vitaceae; ...4.0191

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides - other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

CONTROL OF INSECTS AND RELATED PESTS OF FLORICULTURAL CROPS, NURSERY STOCK AND TURFGRASSES ...Akton; Bayer 25141; C-2307; Chrysanthemum; Diazinon; Furadan; Landrin; Monitor; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0235

LIFE CYCLE, PHYSIOLOGY AND CONTROL OF PERENNIAL WEEDS AFFECTING SUBTROPICAL FRUIT CROPS ...Alachlor; Cyperaceae; Lactuca; Pesticide Action on Plants; Pesticide Evaluation; Sub - Tropic Regions; ...4.0236

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Dacthal; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming - vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming -vegetables; ...4.0272

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

THE DISEASES OF TURFGRASSES AND THEIR CONTROL ...Agrostis; Pesticide Phytotoxicity; PMA; TBZ; Thiram; ...4.0449

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Ametryn; Cyperaceae; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Formulation; Plant Resistance; Saccharum; Terbacil; ...4.0470

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0490

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

Dactylis

SUBSURFACE DISPOSAL OF ANIMAL MANURE ...Animal Wastes - Feed Lots; Chlorine; Denitrification; Farm Animal Wastes; Feces; Plant Tissue Analysis -chem.; Soil Fertility; Waste Disposal, Underground; ...3.0296

Digitaria

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Gramineae; Maleic Hydraziде; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

CHEMICAL CONTROL OF WEEDS IN POTATOES ...Cyclic Organic Cpds. --(1 Or ; Dacthal ; Diphenamid; Pesticide Action on Plants; Pesticide Phytotoxicity; Solanum; ...4.0253

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Bladex; Convolvulaceae; Grass - nonspecific; Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Ericaceae; Iridaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...4.0418

TURFGRASS WEED CONTROL ...Bensulide; Gramineae -other; Pesticide Interaction With Env; Temperature - Air; Turf; ...4.0459

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; Turf; ...4.0481

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; Zea Mays - Field Corn; ...4.0982

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; Tropical Regions; ...4.1107

Distichlis

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

Echinochloa

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; Vegetables; ...4.0186

CHEMICAL CONTROL OF WEEDS IN POTATOES ...Cyclic Organic Cpds. --(1 Or ; Dacthal ; Diphenamid; Pesticide Action on Plants; Pesticide Phytotoxicity; Solanum; ...4.0253

Elymus

VEGETATIVE STABILIZATION OF MINE TAILINGS, WASTES, AND SPOILS ...Climates -general; Gramineae -other; Mineral Nutrition; Oil Shale; Setaria; Soil Chemical Properties; Spoil Banks; ...2.0077

Eragrostis

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams -lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

Festuca

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots; Contamination - Soil; Cynodon; Farm Animal Wastes; Fertilizer Toxicity; Groundwater; Rain; Soil Chemical Properties; Waste Disposal on Soils; ...3.0005

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; Turf; ...4.0352

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine; Bromus; Diquat; Paraquat; Pesticide Persistance in Soils; Prometryne; Terbacil; Trifolium; ...4.0457

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0490

THE CONTROL OF TOBACCO DISEASES BY CULTURAL PRACTICES AND CHEMICALS ...Alternaria; Dd; Fungal Resistance; Nematoda; Peronosporaceae; Phytophthora; ...4.1090

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

RESPONSES OF PLANTS AND PLANT COMMUNITIES TO IONIZING RADIATION ...Acer Species; Carbohydrates; Magnoliaceae; Radiation Sources -general; Radioactive Hazard; Translocation; ...5.0652

Gramineae -other

AIR POLLUTION FROM FOREST AND AGRICULTURAL BURNING ...Air Pollution -see Specifics; Combustion; Fire Research -see Forest Fire; Plant Waste Removal, Treatment, ...1.0016

FIELD BURNING AIR POLLUTION ABATEMENT INVESTIGATIONS ...Air Pollution -see Specifics; General Sanitation Methods; Herbicides -nonspecific; Plant Residues, Humus, Compost; Planting Methods; Temperature - Air; ...1.0623

VEGETATIVE STABILIZATION OF MINE TAILINGS, WASTES, AND SPOILS ...Climates -general; Mineral Nutrition; Oil Shale; Setaria; Soil Chemical Properties; Spoil Banks; ...3.0077

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

REMOVAL OF NUTRIENTS FROM ENRICHED FLOWS & WASTE EFFLUENTS BY THE HYDROPONIC CULTURE OF SUITABLE FORAGE PLANTS & GRASSES ...Benefit-cost Analysis; Economic Feasibility; Effluents - Waste Water; Nutrients; Waste Treatment Economics; Waste Water Treatment -general; ...2.1081

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Erosion; Leguminosae; Mine Wastes; Soil Chemical Properties; Soil Fertility; Soil Moisture; Water Pollution Sources; ...3.0029

TREATMENT OF TAILINGS TO ENHANCE PLANT GROWTH AND PROMOTE STABILIZATION OF TAILINGS ...Bibliography; Lead; Mine Wastes; Mining Industry; Soil Amendments, Toxic Minerals; Zinc; ...3.0043

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Animal Wastes - Feed Lots; Chlorine; Farm Animal Wastes; Lysimeters; Percolation (water); Sprinkler Irrigation; Water Application Methods; ...3.0166

UTILIZATION OF AGRICULTURAL WASTES IN CROP PRODUCTION ...Agaricus; Farm Animal Wastes; Mineral Nutrition; Plant Residues, Humus, Compost; Pseudotsuga; Zea Mays - Field Corn; ...3.0294

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Coronilla; Farm Animal Wastes; Fertilizer Industry; Mineral Nutrition; Roads & Highways -see Highways; Soil Amendments; Soil Microbiology; Waste Disposal on Soils; ...3.0399

CONTROL METHODS FOR JUNIPERS, SHRUB LIVE OAK, AND ASSOCIATED WEEDS ...Climates -general; Fenuron; Granules, Capsules; Liquids Or Sprays; Pesticide Residues; Petroleum Cpds. -nonspecific; Plants - Dicotyledons; ...4.0007

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

ABSORPTION, TRANSLOCATION, AND METABOLISM OF HERBICIDES BY CROP AND WEED SPECIES ...Absorption (incl. Adsorption); Amiben; Herbicides and Other Chem; Mississippi; Radioisotopes -nonspecific; ...4.0374

ADVANCED EVALUATION OF WEED CONTROL PRACTICES IN COTTON ...Cotoran; Diuron; Gossypium; Herban; Liquids Or Sprays; Pesticide Evaluation; Planavin; Prometryne; Trifluralin; ...4.0379

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Feeds; Plant; Solanum; ...4.0435

TURFGRASS WEED CONTROL ...Bensulide; Digitaria; Pesticide Interaction With Env; Temperature - Air; Turf; ...4.0459

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Granules, Capsules; Insecticides - nonspecific; Nematocides -nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Ustilaginales; Verticillium; ...4.0480

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Environment Accumulation Rates; Linuron; Medicago; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

ANALYTICAL METHODS FOR PESTICIDES, TIFTON ...Bayer 25141; Carbamates -nonspecific; Chlorinated Hydrocarbons; Fluorine; Metabolites From Pesticides; Pesticide Residues; ...4.1021

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic Bomb; Colorado; Grasslands; Ochotonidae; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; X and Gamma Rays; ...5.0211

RADIOECOLOGICAL EFFECTS OF FALLOUT ...Cesium; Grasslands; Leaching; Plants; Radioactive Fallout-cf Fallout; Runoff (water); Water Cycle; ...5.0629

THE RESPONSE OF HIGHER PLANTS TO ULTRAVIOLET LIGHT AND OTHER STRESS FACTORS ...Alpine Regions; Cold Resistance and Hardiness; Light and Sun Resistance; Plants; Radiation Sources -general; Temperature - Air; ...5.0717

Grass -nonspecific

CHANGING VEGETATION AND ATMOSPHERIC POLLEN ...Air Pollution -see Specifics; Economics of Natural Resources; Lakes; Plant Competition; Pollen -see Pollen; Rural Areas; Urban Environment; Wind -see Air Motion; ...1.0076

DEVELOPMENT OF WEED CONTROL PRACTICES ADAPTABLE TO THE PRODUCTION OF GRAIN AND FORAGE CROPS ...Alachlor; Ambrosia; Bladex; Convolvulaceae; Malvaceae; Pesticide Application Rates; Pesticide Residues; Preforan; Xanthium; ...4.0287

CHARACTERISTICS OF HANFORD PROJECT SOILS ...Arid and Desert Regions; Disease Resistance; Microorganisms -nonspecific; Reactor Sites & Rad Waste; Soil Amendments; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; ...5.0085

Hordeum Vulgare

RESPONSE OF PLANTS TO INTERACTIONS BETWEEN PATHOGENS AND OZONE ...Air Pollution -see Specifics; Avena Sativa; Nicotiana; ...1.0392

IMPROVEMENT OF CEREAL GRAINS UNDER IRRIGATION ...Avena Sativa; Heat Resistance; Irrigation; Moisture Deficiency; Soils; Triticum; Waste Disposal on Soils; ...3.0047

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

THE BIOCHEMISTRY AND MODE OF ACTION OF HERBICIDES ...Amiben; Bacillus Subtilis; Cdaa; Cipc; Dichlobenil; En-

dothall; Leguminosae; Pesticide Action on Plants; Plant Resistance; Urea Cpds. -nonspecific; ...4.0240

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Benlate; Fungal Physiology; Grnaules, Capsules; Irrigation; Pesticide Phytotoxicity; Plant Population Dynamics -gen; Thimet; Western U. S.; ...4.0243

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

INVESTIGATIONS OF CEREAL AND FORAGE CROP DISEASES AND THEIR CONTROL ...Avena Sativa; Erysiphe; Pesticide Evaluation; Plantvax; Sorghum; Tilletia; Ustilaginales; ...4.0317

COMPOUNDS IN WEEDS RESPONSIBLE FOR DORMANCY AND THE REDUCTION OF CROP YIELDS ...Agropyron; Glycine; Growth; Lycopersicum; Plant Toxins; Sorghum; Triticum; ...4.0346

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Lycopersicum; Pesticide Action on Plants; Phaseolus; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Alternaria; Bioassay; Myrothecium; Pesticide Evaluation; Phaseolus; Secale; Vegetables; ...4.0411

BIONOMICS OF THE CEREAL LEAF BEETLE ...Aliphatic Carbamates; Furadan; Insect Resistance; Pesticide Evaluation; Thimet; Triticum; ...4.0434

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOCATIVE MATERIALS ...Absorption (incl. Adsorption); Ion Transport and Elect. Pot.; Plants; Radiation Effects -see Rad.; Radioactive Contammation; Soil Chemical Properties; Soil Tillage; X and Gamma Rays; ...5.0043

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

STUDIES ON THE EFFECTS OF NEUTRON IRRADIATION ON SEEDS ...Bulgaria; Foreign Agriculture; Neutron -see Radiation; Plants; Temperature - Air; ...5.0102

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - I. MECHANISMS OF RADIATION DAMAGE IN PLANT CELLS ...Cell Injury and Autolysis; Growth Substances; Phaseolus; Plants; Radiation; Radiation Effects -see Rad.; X and Gamma Rays; ...5.0356

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Aging; Commelinaceae; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Radiation Sensitivity -man; Somatic Mutation; Temperature - Air; ...5.0408

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...China; Chlorophyll; Foreign Agriculture; Neutron -see Radiation; Oryzeae; Plants; X and Gamma Rays; ...5.0602

EFFECTIVENESS AND EFFICIENCY OF PHYSICAL AND CHEMICAL MUTAGENS ...Chemical Mutagenesis; Neutron -see Radiation; Physical Mutagenesis; Radiation Effects -see Rad.; Temperature - Air; ...5.0613

CONTROL AND MODIFICATION OF SEED RADIOSENSITIVITY ...Allium; Neutron -see Radiation; Oryzeae; Physical Mutagenesis; Plants; ...5.0664

THE NATURE, INDUCTION AND REPAIR OF RADIATION-INDUCED GENETIC DAMAGE IN PLANTS ...Chlorophyll; Enzymes; Growth Substances; Physical Mutagenesis; Plants; Radiation Effects -see Rad.; Respiration; ...5.0732

A STUDY OF FACTORS GOVERNING PLANT RADIOSENSITIVITY ...Chemical Mutagenesis; Physical Mutagenesis; Plants; Respiration; X and Gamma Rays; ...5.0733

Lolium

THE QUANTITY & MOVEMENT OF NITRATES IN SOIL WATER IN TWO CONNECTICUT SOILS TREATED WITH HIGH & LOW LEVELS OF INORGANIC NITROGEN FERTILIZER ...Fertilizers; Groundwater, Lysimeters; Soil Depth; Soil Moisture; Tension and Measurement; Zea Mays - Field Corn; ...2.0089

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0690

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

Oryzeae

INVESTIGATION OF RICE IRRIGATION RETURN FLOWS - TEXAS COASTAL PRAIRIE REGION ...Agricultural Runoff; Fertilizers; Irrigation; Pesticides -nonspecific; Soil Fertility; Water Quality -general; ...2.1421

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

APPLICATION PRINCIPLES AND DESIGN REQUIREMENTS FOR WEED CONTROL EQUIPMENT ...Cultural Control; Mulches; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; Physical Control; Soil Cover Crops; ...4.0222

STORED GRAIN INSECT PESTS AND THEIR CONTROL IN UTTAR PRADESH, INDIA ...Climates -general; Foreign Agriculture; Insecticides -nonspecific; Pesticide Evaluation; Temperature - Air; Zea Mays - Field Corn; ...4.0305

FATE AND SIGNIFICANCE OF LABELLED PESTICIDES RESIDUES IN RICE ...Carbon; Fungicides -nonspecific; Metabolites From Pesticides; Phosphorus; Sulfur; ...4.0312

THE CONTROL OF WEEDS IN RICE BY THE USE OF HERBICIDES ...Byram; Pesticide Evaluation; Pesticides -other; Propanil; ...4.0380

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Msma; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

EFFECT OF MOSQUITO CONTROL CHEMICALS ON AQUATIC FAUNA ...Abate; Biological Effects; Irrigation; Pesticide Evaluation; Pesticides -see Pesticide; ...4.0539

AERIAL DISPERSAL METHODS FOR CONCENTRATED INSECTICIDES ...Concentrates; Insects - Beneficial; Liquids Or Sprays; Pesticide Evaluation; Wildlife Toxicity; ...4.0554

PHYTOTOXICITY OF MSMA RESIDUES AND ARSENIC CONTENT OF FOODS ...Aluminum; Arsenic; Glycine; Msma; Phaseolus; Soil Chemical Properties; ...4.0960

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...China; Chlorophyll; Foreign Agriculture; Hordeum Vulgare; Neutron -see Radiation; Plants; X and Gamma Rays; ...5.0602

CONTROL AND MODIFICATION OF SEED RADIOSENSITIVITY ...Allium; Hordeum Vulgare; Neutron -see Radiation; Physical Mutagenesis, Plants; ...5.0664

Other Agrostideae

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

Panicum -other

ANIMAL WASTE COMPOSTING WITH CARBONACEOUS MATERIAL ...Farm Animal Wastes; Mineral Nutrition; Plant Residues, Humus, Compost; Soil Amendments; Triticum; Waste Disposal on Soils; ...3.0252

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils - see Soil Type; Solanum; Truck Farming -vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron;

Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming - vegetables; ...4.0272

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Bioassay; Liquids Or Sprays; Nicotiana; Pesticide Action on Plants; Pesticide Evaluation; Plant Resistance; Simazine; Zea Mays - Field Corn; ...4.0327

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; Zea Mays - Field Corn; ...4.0360

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Tillage; Zea Mays - Field Corn; ...4.0445

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben; Arachis; Benefin; Bladex; Chemical Tillage Or Nontillage; Dacthal; Diphenamid; Linuron; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; Zea Mays - Field Corn; ...4.0982

Paspalum

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0490

Pennisetum

CONSERVATION OF RESOURCES IN MUNICIPAL WASTES ...Bromacil; Cotoran; Plant Residues, Humus, Compost; Soil - Crop Relationships; Soil Cover Crops; Trifluralin; ...3.0046

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Glycine; Nitrogen Metabolism; Pesticide Phytotoxicity; Plant Absorption -other; Propachlor; Zea Mays - Field Corn; ...4.0482

SOUTHEAST FORAGE INSECT AND INSECTICIDE RESIDUES ...Baytex; Dursban; Imidan; Mca-600; Pesticide Evaluation; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.0602

Phalarideae

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

BIONOMICS OF THE CEREAL LEAF BEETLE ...Animal Life History Studies; Insecticides -nonspecific; Michigan; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; ...4.0514

Phleum

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Liquids Or Sprays; Malovan; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals; Silvex; Terbacil; Zea Mays - Field Corn; ...4.1083

Poa Pratensis

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Reproductive Physiology; Temperature - Air; Turf; ...4.0389

PHYSIOLOGICAL AND MORPHOLOGICAL RESPONSE OF PLANTS TO HERBICIDES ...Compositae; IAA; Pesticide Interaction -gen.; Plant Absorption -other; Trifolium; ...4.0439

WEED CONTROL IN FORAGE CROPS GROWN FOR SEED PRODUCTION ...Atrazine; Bromus; Diquat; Festuca; Paraquat; Pesticide Persistance in Soils; Prometryne; Terbacil; Trifolium; ...4.0457

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Liquids Or Sprays; Malovan; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals; Phleum; Silvex; Terbacil; Zea Mays - Field Corn; ...4.1083

Saccharum

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp. - non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

REMOVING TRASH FROM MECHANICALLY HARVESTED SUGARCANE ...Plant Waste Removal, Treatment; ...3.0107

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Water Cycle; Water Quality Control - general; ...4.0036

HERBICIDE EQUILIBRIA OF LATOSOLIC SOIL ...Atrazine; Hawaii; Microorganism-see Cell. Catab.; Pesticide Interaction With Env; Soil Chemical Properties; ...4.0101

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Agricultural Runoff; Degradation -see Pesticide Deg; Drainage; Endrin; Floods; Pesticide Residues; Water Pollutants - Path of; Water Table - Depth of; ...4.0115

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Ametryn; Cyperaceae; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Formulation; Plant Resistance; Terbacil; ...4.0470

CONTROL OF WEEDS ...Ametryn; Diuron; Pesticide Formulation; Pesticide Phytotoxicity; Pesticides -other; Puerto Rico; ...4.0471

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Allium; Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetaro Cyclic Cpds. (1 Or 2; Lycopersicum; Mcph; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Tropical Regions; ...4.1107

Secale

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Flume Studies; Irrigation, Planting Methods; Rock - Soil Pollution; Soil Chemical Properties; Soil Profile; Waste Disposal on Soils; ...3.0008

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Alternaria; Bioassay;

Hordeum Vulgare; Myrothecium; Pesticide Evaluation; Phaseolus; Vegetables; ...4.0411

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Solanum; Vicia; ...4.0469

Setaria

VEGETATIVE STABILIZATION OF MINE TAILINGS, WASTES, AND SPOILS ...Climates -general; Gramineae -other; Mineral Nutrition; Oil Shale; Soil Chemical Properties; Spoil Banks; ...2.0077

PHYSIOLOGY AND CONTROL OF WEEDS IN SOYBEANS ...Amaranthaceae; Amiben; Datura; Herbicides and Other Chem; Malvaceae; Pesticide Phytotoxicity; Plant Competition; Polygonaceae; ...4.0304

COMPOUNDS IN WEEDS RESPONSIBLE FOR DORMANCY AND THE REDUCTION OF CROP YIELDS ...Agropyron; Glycine; Growth; Lycopersicum; Plant Toxins; Sorghum; Triticum; ...4.0346

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Allium; Cucurbita; Dicamba; Herbicides and Other Chem; Medicago; Pesticide Application Rates; Plant Resistance; Pyrazon; ...4.0495

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Microbiology; Zea Mays - Field Corn; ...4.0982

Sorghum

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Erosion; Forecasting - Prediction; Leaching; Model Studies; Nitrogen and Nitrogen Cpds.; Rain; Soil Moisture; Temperature - Air; ...2.0250

FORAGE CROP IRRIGATION WITH OXIDATION POND EFFLUENT ...Agricultural Runoff; Coliforms -nonspecific; Furrow Irrigation; Mississippi; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Storm Water; Water Table; ...2.1316

EFFECTS OF GARBAGE COMPOST ON SOIL AND CROP PRODUCTION ...Avena Sativa; Plant Waste Removal, Treatment; Soil - Crop Relationships; Soil Chemical Properties; Soil Microbiology; Soil pH; Waste Disposal on Soils; ...3.0003

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Flume Studies; Irrigation; Planting Methods; Rock - Soil Pollution; Soil Chemical Properties; Soil Profile; Waste Disposal on Soils; ...3.0008

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Contamination - Soil; Farm Animal Wastes; Groundwater; Playas; Rock - Soil Pollution; Soil Microbiology; Water Pollutants - Path of; ...3.0320

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Zea Mays - Field Corn; ...4.0011

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

ANNUAL AND PERENNIAL WEED CONTROL IN SORGHUM, WINTER WHEAT AND SUMMER FALLOWED LAND ...Atrazine; Chemical Tillage Or Nontillage; Minimum Tillage; Pesticide Evaluation; Pesticide Persistance in Soils; Tillage, Cropping Systems; ...4.0113

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Silty Soils; Zea Mays - Field Corn; ...4.0142

CROP & WEED RESPONSE TO HERBICIDES, & FACTORS AFFECTING HERBICIDAL ACTIVITY & RESIDUAL SOIL TOXICITY ...Absorption (incl. Adsorption); Bensulide; Capsicum; Convolvulaceae; Dacthal; Igran; New Mexico; Pesticide Formulation; Pesticide Phytotoxicity; Planavin; Root Absorption; ...4.0148

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Triticum; ...4.0181

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Temperature - Air; Trifolium; ...4.0227

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

SUGAR BEET VARIETAL AND HERBICIDE INVESTIGATIONS ...Chenopodiaceae; Disease Resistance; Herbicides -nonspecific; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Evaluation; Pesticide Residues; ...4.0313

WEED CONTROL INVESTIGATIONS ...Atrazine; Convolvulaceae; Cultural Control; Pesticide Movement in Soils; Picloram; Surfactants - Wetting Agents; Triticum; ...4.0314

INVESTIGATIONS OF CEREAL AND FORAGE CROP DISEASES AND THEIR CONTROL ...Avena Sativa; Erysiphe; Pesticide Evaluation; Plantvax; Tilletia; Ustilaginales; ...4.0317

FATE OF MALATHION RESIDUES ON GRAIN SORGHUMS ...Bioassay; Chemical Degradation; Degradation; Malathion; Pesticide Evaluation; Pesticide Residues; Radioisotopes -nonspecific; ...4.0318

FATE OF MALATHION RESIDUES GRAIN SORGHUMS ...Chemical Analysis; Herbicides and Other Chem; Malathion; Pesticide Phytotoxicity; Plant; Temperature - Air; Zea Mays - Field Corn; ...4.0319

CYTOGENETIC EFFECTS OF ATRAZINE ON GRAIN SORGHUM ...Atrazine; D, 2,4-; Pesticide Action on Plants; Pesticide Phytotoxicity; ...4.0321

FIELD EVALUATION OF HERBICIDES ...Herbicides -nonspecific; Kansas; Pesticide Application Rates; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Resistance; Triticum; ...4.0324

SORGHUM AND CORN PHOTOTOXICITY PROBLEM AT WICHITA KANSAS ...BHC; Herbicides and Other Chem; Pesticide Phytotoxicity; Zea Mays - Field Corn; ...4.0325

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Bioassay; Liquids Or Sprays; Nicotiana; Pesticide Action on Plants; Pesticide Evaluation; Plant Resistance; Simazine; Zea Mays - Field Corn; ...4.0327

COMPOUNDS IN WEEDS RESPONSIBLE FOR DORMANCY AND THE REDUCTION OF CROP YIELDS ...Agropyron; Glycine; Growth; Lycopersicum; Plant Toxins; Triticum; ...4.0346

WEED CONTROL IN SORGHUM ...Bioassay; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Pesticide Residues; Soil Tillage; ...4.0371

TRANSLOCATION OF HERBICIDES IN NUTGRASS AND JOHNSONGRASS ...Carbon; Dalapon; High Temp. - 85f Or Above; Pesticide Action on Plants; Plant Absorption -other; Surfactants - Wetting Agents; ...4.0377

PRINCIPLES AND PRACTICES FOR CONTROL OF JOHNSONGRASS IN SOYBEANS ...Alanap; Diuron; Formulations -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Compaction Or Density; ...4.0391

GRAIN SORGHUM VARIETAL EXPERIMENTS ...Disease Resistance; Drought Resistance; Insecticides -nonspecific; Pesticide Phytotoxicity; Wildlife -nonspecific; ...4.0446

SWEET SORGHUM VARIETAL EXPERIMENTS ...Arid and Desert Regions; Bos; Insecticides -nonspecific; Irrigation; Pesticide Phytotoxicity; Space Competition; Temperature - Air; ...4.0447

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Trifluralin; ...4.0944

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Chenopodiaceae; Dieldrin; Dimethoate; Insect Resistance; Parathion; Pesticide Residues; Triticum; ...4.1118

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aliphatic Carbamates; Diazinon; Glycine; Heptachlor; Malathion; Pesticide Application Rates;

Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Residues Removal; ...4.1117

A CYTOLOGICAL STUDY OF RADIATION INDUCED ALTERATIONS IN CYTOPLASMIC FACTORS CONTROLLING MALE STERILITY IN CORN ...Crotalaria; Helminthosporium; Plants; Solanaceae; X and Gamma Rays; ...5.0245

Triticum

PLANT DISEASE SURVEY ...Air Pollution -see Specifics; Corynebacteria -nonspecific; Fruit, Nut, and Berry Crops; Plant Pathogenetic Fungi; Pyrus Malus; ...1.0426

HF-AIR POLLUTION AND INTERMEDIARY METABOLISM ...Adenosine Diphosphate; Agropyron; Herbicides and Other Chem; Nitrogen Metabolism; Respiration; ...1.0427

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Water Pollution Sources; ...2.0220

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Fertility; Soil Organic Content; ...2.0269

IMPROVEMENT OF CEREAL GRAINS UNDER IRRIGATION ...Avena Sativa; Heat Resistance; Irrigation; Moisture Deficiency, Soils; Waste Disposal on Soils; ...3.0047

ANIMAL WASTE COMPOSTING WITH CARBONACEOUS MATERIAL ...Farm Animal Wastes; Mineral Nutrition; Panicum -other; Plant Residues, Humus, Compost; Soil Amendments; Waste Disposal on Soils; ...3.0252

SOIL PRODUCTIVITY AS AFFECTED BY MICROBIAL ACTIVITY IN CROP RESIDUES AND ANIMAL WASTES ...Bioindicators; Patulin; Plant Residues, Humus, Compost; Soil Chemical Properties, Soil Microbiology; Soil Temp. -non-specific; Stubble Mulching; ...3.0389

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

ANNUAL AND PERENNIAL WEED CONTROL IN SORGHUM, WINTER WHEAT AND SUMMER FALLOWED LAND ...Atrazine; Chemical Tillage Or Nontillage; Minimum Tillage; Pesticide Evaluation; Pesticide Persistance in Soils; Sorghum, Tillage, Cropping Systems; ...4.0113

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage; Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; Zea Mays - Field Corn; ...4.0175

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum; ...4.0181

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

STORED GRAIN INSECT PESTS AND THEIR CONTROL IN UTTAR PRADESH, INDIA ...Climates -general; Foreign Agriculture; Insecticides -nonspecific; Pesticide Evaluation; Temperature - Air; Zea Mays - Field Corn; ...4.0305

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; ...4.0306

WEED CONTROL INVESTIGATIONS ...Atrazine; Convolvulaceae; Cultural Control; Pesticide Movement in Soils; Picloram; Surfactants - Wetting Agents; ...4.0314

INVESTIGATIONS OF CEREAL AND FORAGE CROP DISEASES AND THEIR CONTROL ...Avena Sativa; Erysiphe; Pesticide Evaluation; Plantvax; Sorghum; Tilletia; Ustilaginales; ...4.0317

FATE OF MALATHION RESIDUES GRAIN SORGHUMS ...Chemical Analysis; Herbicides and Other Chem; Malathion; Pesticide Phytotoxicity; Plant; Temperature - Air; Zea Mays - Field Corn; ...4.0319

FIELD EVALUATION OF HERBICIDES ...Herbicides -nonspecific; Kansas; Pesticide Application Rates; Pesticide Evaluation; Pesticide Persistance in Soils; Plant Resistance; Sorghum; ...4.0324

COMPOUNDS IN WEEDS RESPONSIBLE FOR DORMANCY AND THE REDUCTION OF CROP YIELDS ...Agropyron; Glycine; Growth; Lycopersicum; Plant Toxins; Sorghum; ...4.0346

NON-TOXIC OIL SPRAYS TO CONTROL LEAF DISEASES OF CROPS ...Chenopodiaceae; Fungicides -nonspecific; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Phytotoxicity; Septoria; ...4.0367

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus; Solanum; Zea Mays - Sweet Corn; ...4.0378

EVALUATION OF CHEMICAL FORMULATIONS AND ENERGY PROCESSES AS SEED TREATMENTS OF MAJOR CROP PLANTS ...Avena Sativa; Metal Organics -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Temperature - Air; Vitavax; ...4.0410

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Alternaria; Bioassay, Hordeum Vulgare; Myrothecium; Pesticide Evaluation; Phaseolus; Secale; Vegetables; ...4.0411

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

BIONOMICS OF THE CEREAL LEAF BEETLE ...Aliphatic Carbamates; Furadan; Insect Resistance; Pesticide Evaluation; Thimet; ...4.0434

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Secale; Solanum; Vicia; ...4.0469

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil, Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

MECHANISM OF ACTION OF HALOGENATED HYDROCARBON FUMIGANTS ON ANIMALS ...Birds; Dibromoethane; Foreign Agriculture, Israel; Muridae; Pesticide Action on Animals; Pesticide Residues Removal; ...4.0621

FIELD AND LABORATORY INVESTIGATIONS OF INSECTICIDES ...Animal Resistance; Endrin; Pesticide Application Rates; Pesticide Formulation; Residues in Foods; ...4.0757

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; ...4.1069

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Liquids Or Sprays; Maloran; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals; Phleum; Silvex; Terbacil; Zea Mays - Field Corn; ...4.1083

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Chenopodiaceae; Dieldrin; Dimethoate; Insect Resistance; Parathion; Pesticide Residues; Sorghum; ...4.1115

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Beta Particles; Lactuca; Pisum; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; Zea Mays - Field Corn; ...5.0106

STUDY OF RADIONUCLIDE EFFECTS ON PLANT GROWTH - WITH SPECIAL REGARD TO PLANT DAMAGE CAUSED BY IONIZING RADIATION ...Beta Particles; Dosimetry; Lactuca; Plants; Radioactive Isotopes; Yttrium; ...5.0118

Zea

PLANT GROWTH RESPONSES TO AIR POLLUTANTS ...Air Pollution -see Specifics; Growth; Herbicides and Other Chem; Metabolism; Sulfur Dioxide; Transpiration and Evap; ...1.0415

Zea Mays - Field Corn

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Bioindicators; B9; Liquids Or Sprays; Mineral Nutrition; Nicotiana; Pesticide Evaluation; Pesticides -other; Pollutant Resistance; ...1.0338

THE QUANTITY & MOVEMENT OF NITRATES IN SOIL WATER IN TWO CONNECTICUT SOILS TREATED WITH HIGH & LOW LEVELS OF INORGANIC NITROGEN FERTILIZER ...Fertilizers; Groundwater; Lysimeters; Soil Depth; Soil Moisture; Tension and Measurement; ...2.0089

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles; Infiltration; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types -also See Specifics; Tillage, Cropping Systems; ...2.0147

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water); Alkalinity (water); Chemical Water Properties; Drainage; Drainage Engineering; Mineralogical Water Properties; Pesticide Residues, Phosphorus and Phosphorus Cpds; ...2.0149

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; ...2.0218

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

NITRATES IN PLANTS AND WATER SUPPLIES FROM NITROGEN FERTILIZATION ...Agricultural Runoff; Clay Soils; Groundwater; Soil Depth; Soil Types -also See Specifics; Water Wells; ...2.0223

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification, Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

QUALITY OF TILE EFFLUENT ...Chemical Analysis (water); Drainage; Effluents - Waste Water; Floods; Nitrogen and Nitrogen Cpds.; Phaseolus; Phosphorus and Phosphorus Cpds; Soil Analysis; ...2.0587

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution - see Specifics; Computer Methods -general; Energy Budgets; Metabolism and Biochemistry; Plant Competition; Plant Physiological Ecology; Plant Response to Env. -nt; Temperature - Internal, Water Utilization -plant; ...2.1629

EVALUATION OF POULTRY MANURE AS A FERTILIZER ...Bos; Cynodon; Fertilizer Losses; Soil Chemical Properties; Trifolium; ...3.0004

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; ...3.0006

IMPROVEMENT OF CEREAL GRAINS UNDER IRRIGATION ...Avena Sativa; Heat Resistance; Irrigation; Moisture Deficiency; Soils, Triticum; Waste Disposal on Soils; ...3.0047

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Bos; Chlorine; Contamination - Soil; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Soil Moisture; ...3.0097

INVESTIGATIONS OF BIOLOGY, ECOLOGY AND CONTROL OF INSECT PESTS OF INDIANA LIVESTOCK ...Feces; Insecticides -nonspecific; Pesticide Evaluation; Pesticide Interaction With Env; Sus; ...3.0142

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Clay Soils; Farm Animal Wastes; Irrigation; Livestock -nonspecific; Poultry -nonspecific; Silty Soils; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0147

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Bos; Irrigation; Rainfall - Runoff Relationship; Soil Fertility; Water Wells; ...3.0148

UTILIZATION OF AGRICULTURAL WASTES IN CROP PRODUCTION ...Agaricus; Farm Animal Wastes; Graminese - other; Mineral Nutrition; Plant Residues, Humus, Compost; Pseudotsuga; ...3.0294

SUBSURFACE DISPOSAL OF ANIMAL MANURE ...Animal Wastes - Feed Lots; Chlorine; Denitrification; Farm Animal Wastes; Feces; Plant Tissue Analysis -chem.; Soil Fertility; Waste Disposal, Underground; ...3.0296

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; ...3.0299

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Structure -other; Soil Types -also See Specifics; Water Table; ...3.0301

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; ...3.0368

DETERMINE LIGNIN STRUCTURE AND BIOSYNTHESIS ...Aldehydes -nonspecific; Enzymes; Forest Industry; Hydrolysis, Esterification; Oxidants; Plant Waste Removal, Treatment; ...3.0371

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; ...4.0011

EQUIPMENT AND PROCEDURES FOR CONTROL OF WEEDS AND BRUSH ...2, 2,4-; Granules, Capsules; Irrigation; Pesticide Application Equip.; Pesticide Interaction With Env; Physical Control; ...4.0056

CYTOGENETIC EFFECTS OF HYDROGEN FLUORIDE ON CORN ...Chemical Mutagenesis; Hydrogen Fluoride; Industrial Pollution -general; Pesticide Action on Plants; Pollens -see Air Pollution; ...4.0051

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Fish; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; ...4.0074

CHEMISTRY OF PESTICIDES IN SOILS ...Arsenic; Chemical Analysis; Cucumis Sativus; DDT; Pesticide Residue Analysis; Plant Resistance; ...4.0119

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Drift; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules; Liquids Or Sprays; Mulches; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Tillage, Cropping Systems; ...4.0138

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Carbon; Chemical Analysis; Growth Substances; Metabolism of Algacides; Pesticide Degradation -see Deg; Plant Growth Regulators -ns.; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Silty Soils; Sorghum; ...4.0142

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; ...4.0144

PERSISTENCE AND TOXICITY OF INSECTICIDES IN SOILS FOR CONTROL OF SOIL-INHABITING INSECTS ...Chlordan; DDT; Dieldrin; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil Microbiology; ...4.0149

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; ...4.0152

PHYSIOLOGY AND CONTROL OF WITCHWEED IN CORN ...Environment Accumulation Rates; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Seeds; ...4.0158

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Bioassay; Colloids; Pesticide Formulation; Pesticide Persistance in Soils; Pesticide Residues; Plant Tissue Analysis -chem.; Soil Chemical Properties; ...4.0167

WEEDS AND WEED CONTROL ...Atrazine; Barban, Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Soil Analysis; ...4.0175

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; ...4.0201

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Carbon; D, 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Prometone; ...4.0204

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; ...4.0205

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; ...4.0288

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

STORED GRAIN INSECT PESTS AND THEIR CONTROL IN UTTAR PRADESH, INDIA ...Climates -general; Foreign Agriculture; Insecticides -nonspecific; Pesticide Evaluation; Temperature - Air; ...4.0305

INTERACTION EFFECTS OF HERBICIDE COMBINATIONS ON GROWTH AND RESIDUES IN PLANTS ...Alanap; Cdec; D, 2,4-; Dinitrophenol; Eptam; Herbicides and Other Chem; Hordeum Vulgare; Pesticide Action on Plants; Pesticides Compatibility; Plant; Simetone; Translocation; Triticum; ...4.0306

FUNGICIDAL & FUNGISTATIC PROPERTIES OF ANTI-OXIDANTS AND RELATED COMPOUNDS ...Antioxidants -nonspecific; Botrytis; Dusts, Ornamentals; Pesticide Evaluation; Pesticides -other; ...4.0310

FATE OF MALATHION RESIDUES GRAIN SORGHUMS ...Chemical Analysis; Herbicides and Other Chem; Malathion; Pesticide Phytotoxicity; Plant; Temperature - Air; ...4.0319

SORGHUM AND CORN PHOTOTOXICITY PROBLEM AT WICHITA KANSAS ...BHC; Herbicides and Other Chem; Pesticide Phytotoxicity; Sorghum; ...4.0325

WEED CONTROL IN AGRONOMIC CROPS ...Alachlor; Bioassay; Liquids Or Sprays; Nicotiana; Pesticide Action on Plants; Pesticide Evaluation, Plant Resistance; Simazine; ...4.0327

QUALITY AND NUTRIENT COMPOSITION OF FOODS TREATED WITH PESTICIDES ...Asparagus; Chemical Analysis; Prunus Persica; Residues in Foods; ...4.0338

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

COMPOUNDS IN WEEDS RESPONSIBLE FOR DORMANCY AND THE REDUCTION OF CROP YIELDS ...Agropyron; Glycine; Growth; Lycopersicum; Plant Toxins; Sorghum; Triticum; ...4.0346

CHEMICAL WEED CONTROL IN FIELD CROPS ...Alachlor; Chenopodiaceae; Dalapon; Herbicides -nonspecific; Panicum - other; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Pyrazon; Sutan; ...4.0360

TOXIC CHEMICALS IN PLANTS AND THEIR RESIDUAL EFFECTS ...Amiben; Carotenoid Pigments; Growth Substances; Iridaceae; Pesticide Formulation; ...4.0368

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

VEGETABLE INSECT INVESTIGATIONS ...Aliphatic Carbamates; Azodrin; Biological Control; Chlorphenamidine; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Residue Analysis; Phosvel; Thuricide; ...4.0399

EVALUATION OF CHEMICAL FORMULATIONS AND ENERGY PROCESSES AS SEED TREATMENTS OF MAJOR CROP PLANTS ...Avena Sativa; Metal Organics -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Temperature - Air; Triticum; Vitavax; ...4.0410

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Panicum -other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Tillage; ...4.0445

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Pyrus Malus; ...4.0451

INVESTIGATIONS ON THE INFLUENCE OF HERBICIDES IN RELATION TO CROP PRODUCTION ...Climates -general; Herbicides and Other Chem; Pisum; Soil Temp. -non-specific; ...4.0452

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Secale; Solanum; Vicia; ...4.0469

SELECTIVITY AND MODE OF ACTION OF HERBICIDES ...Alachlor; Chemical Analysis; Glycine; Nitrogen Metabolism; Pennisetum; Pesticide Phytotoxicity, Plant Absorption -other; Propachlor; ...4.0482

CONTROL OF WEEDS FOR PASTURE AND FORAGE PRODUCTION ...Agropyron; Atrazine; Environment Accumulation Rates; Linuron; Medicago; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Residues; T, 2,4,5-; ...4.0513

IDENTIFICATION, BIOLOGY AND CONTROL OF INSECTS ATTACKING SWEET CORN ...Animal Life History Studies; Biological Control; Gardona; Methomyl; Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0585

FIELD AND LABORATORY INVESTIGATIONS OF INSECTICIDES ...Animal Resistance; Endrin; Pesticide Application Rates; Pesticide Formulation; Residues in Foods; Triticum; ...4.0757

FORAGE INSECT INVESTIGATIONS ...Animal Migration; Insecticides -nonspecific; Lotus; Pesticide Evaluation; Population Dynamics -general; Trifolium; ...4.0768

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bos; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; Pesticides -see Pesticide; TDE; ...4.0836

CORN EARWORM CONTROL ...Bay 93820; Chlorphenamidine; Methomyl; Pesticide Phytotoxicity; Sevin; ...4.0898

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; Temperature - Air; ...4.0941

PESTICIDE RESIDUES IN MARKETING CHANNELS ...Chlorinated Hydrocarbons; Column Chromatography; Gas Chromatography; Insect Resistance; Insecticides -nonspecific; Organophosphorous Cpds.; ...4.0949

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Setaria; Soil Microbiology; ...4.0982

ANALYTICAL METHODS FOR INSECTICIDES AND ACARICIDES AS RESIDUE METHODS AND AS COMPOSITION METHODS ...Aliphatic Carbamates; Aquatic Ecology - Animal; Chlorine; Dimethoate; Dyphonate; Gossypium; Parathion; Pesticide Residue Analysis; Pesticides -other; Phaseolus; Planavin; Residues in Foods; ...4.1004

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Moisture Levels; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

PESTICIDE RESIDUES IN AND ON RAW AGRICULTURAL COMMODITIES ...D, 2,4-; Liquids Or Sprays; Maloran; Pesticide Application Rates; Pesticide Residues; Pesticide Toxicity in Animals; Phleum; Silvex; Terbacil; ...4.1083

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Labiatae; Moraceae; Pesticide Action on Plants; Pisum; Thimet; ...4.1102

DEVELOP. METHOD OF REMOVING RADIO-ACTIVE CONTAMINANTS FROM AGRICULTURAL LAND ...Absorption (incl. Adsorption); Pesticides -other; Radioactive Fallout-cf Fallout; Soil Cover Crops; ...5.0040

DEVELOP TECHNIQUES FOR DECONTAMINATING SOILS POLLUTED WITH RADIOACTIVE MATERIALS OR HEAVY METALS ...Bioindicators; Lead; Mineral Nutrition; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; ...5.0041

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth, Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Beta Particles; Lactuca; Pisum; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; Triticum; ...5.0106

A CYTOLOGICAL STUDY OF RADIATION INDUCED ALTERATIONS IN CYTOPLASMIC FACTORS CONTROLLING MALE STERILITY IN CORN ...Crotalaria; Helminthosporium; Plants; Solanaceae; X and Gamma Rays; ...5.0245

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS (ABBREV) ...Arabidopsis; Fast Neutrons; Physical Mutagenesis; Radiation Effects -see Rad.; ...5.0533

RADIATION CYTOGENETICS OF HIGHER PLANTS ...Arabidopsis; Growth; Neutron -see Radiation; Protons; Somatic Mutation; ...5.0534

CHARACTERIZATION OF SOIL & VEGETATION TO SERVE AS A BASIS FOR FUTURE EVALUATIONS OF RADIOACTIVE CONTAMINATION EFFECTS (ABBREV) ...Absorption (incl. Adsorption); Chemical Extraction; Diquat; Paraquat; Radioactive Fallout; Soil Water Plant Relationships; Water Pollutants - Path of; ...5.0570

CELL SPECIALIZATION IN SHOOT APICAL MERISTEMS AS RELATED TO RADIOSENSITIVITY AND HISTOGENESIS ...Caryophyllaceae; Euphorbiaceae; Labiatae; Physical Mutagenesis; Plants; Radiation Sensitivity -man; X and Gamma Rays; ...5.0615

Zea Mays - Sweet Corn

ANNUAL WEED CONTROL IN ROW CROPS ...Alachlor; Chenopodiaceae; Liquids Or Sprays; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Tenoran; Vegetables; ...4.0104

INSECT PESTS OF ARIZONA VEGETABLE CROPS ...Animal Life History Studies; Biological Control; Diazinon; Granules, Capsules; Lactuca; Liquids Or Sprays; Parathion; Pesticide Evaluation; Pesticide Residues; Thimet; ...4.0213

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Ves-438; ...4.0364

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Allium; Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus; Solanum; Triticum; ...4.0398

WEED CONTROL STUDIES WITH HORTICULTURAL CROPS ...Amino Triazole; Dichlobenil; Paraquat; Pesticide Application Rates; Pesticide Interaction With Env; Soil Environment -other; Vegetables; ...4.0438

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Liliaceae; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

Zizanieae

AN ECOLOGICAL STUDY OF THE PATUXENT ESTUARY ...Amphibious Plants; Electric Power Plants; Gramineae; Induced Temperature; Physiological Effects; Thermal Pollution; ...2.1573

Hydrocharitaceae

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Algae -nonspecific; Aquatic Soils; Ecological Effects; Eutrophication; Phytoplankton; Plant Succession; Potamogetonaceae; ...2.0266

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Amaranthaceae; Effluent-standards; Eutrophication; Nitrogen and Nitrogen Cpds.; Physiography -general; Pontederiaceae; Sewage; ...2.1467

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae; Eutrophication; Fertilizers -aquatic; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Potamogetonaceae; ...2.1650

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules, Capsules; Lakes; Pesticide Evaluation; Pesticides -see Festicide; Pontederiaceae; Water Resources Protection; ...4.0020

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources; Aquatic Soils; Growth; Haloragaceae; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Photoperiodism; Plant Tissue Analysis -chem.; Temperature (water); ...4.0053

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Biological Effects; Chemical Effects; Herbicides and Other Chem; Metabolism of Algacides; Oxygen Content (water); Ponds; Water Quality -general; ...4.0392

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Cell Membrane Permeability; Chlorophyll; Electronic Components; Permeability; Physical Control; Potamogetonaceae; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

Iridaceae

EFFECT OF FLUORIDE ON PLANTS ...Air Pollution -see Specifics; Enzymes; Fluorine; Herbicides and Other Chem; Medicago; Ornamentals; ...1.0343

BIOLOGY AND CONTROL OF INSECT AND OTHER PESTS OF CUT FLOWERS ...Acaricides -nonspecific; Azodrin; Chrysanthemum; Fungicides -nonspecific; Methomyl; Pesticide Phytotoxicity; Potted Plants -see Ornamentals; ...4.0258

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; Vegetables; ...4.0259

WEED CONTROL IN HORTICULTURAL CROPS ...Dalapon; Pesticide Evaluation; Pesticide Phytotoxicity; Simazine; ...4.0328

TOXIC CHEMICALS IN PLANTS AND THEIR RESIDUAL EFFECTS ...Amiben; Carotenoid Pigments; Growth Substances; Pesticide Formulation; ...4.0368

CHEMICAL WEED CONTROL IN FLORIST AND NURSERY CROPS ...Agropyron; Convolvulaceae; Digitaria; Ericaceae; Oleaceae; Pesticide Safety Measures; Planting Methods; Simazine; Trifluralin; ...4.0418

CONTROL OF GLADIOLUS CORM DISEASES ...Benlate; Bromodine; Emulsifiers; Forturf; Fusarium; Morven; Ornamentals; Pesticide Application Rates; Phaltan; Preventative Measures; ...4.0586

Lemnaceae

EFFECTS OF CIGARETTE SMOKE ON PLANT CELLS IN TISSUE CULTURES ...Air Pollution -see Specifics; Allium; Bioassays; Gases; Herbicides and Other Chem; Nicotiana; Tobacco - cigarettes; ...1.0349

EUTROPHICATION - N CYCLE - NITRIFICATION AND DENITRIFICATION ...Algae -nonspecific; Bacterial Identification; Survey Studies (water); Wisconsin; ...2.0449

INTERACTIONS OF MERCURY WITH AQUATIC AND EDAPHIC ENVIRONMENTS ...Analysis and Detection; Environment; Ion Exchange; Mercury; Photosynthesis; Submerged Plants; ...2.0595

Liliaceae

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

WEED CONTROL IN CROP LANDS OF WESTERN WASHINGTON ...Alachlor; Bromoxynil; Chenopodiaceae; Cucumis Sativus; Fragaria; Paraquat; Pesticide Residues; Plant Competition; Populus; Terbacil; ...4.0899

Allium

EFFECTS OF CIGARETTE SMOKE ON PLANT CELLS IN TISSUE CULTURES ...Air Pollution -see Specifics; Bioassays; Gases; Herbicides and Other Chem; Lemnaceae; Nicotiana; Tobacco - cigarettes; ...1.0349

VEGETABLE CROPS IMPROVEMENT THROUGH BREEDING ...Daucus Species, Fusarium; Phosphorus and Phosphorus Cpds; Vegetables; ...1.0435

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Chemical Analysis; Dalapon, Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

ANNUAL WEED CONTROL IN ROW CROPS ...Alachlor; Chenopodiaceae; Liquids Or Sprays; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Tenoran; Vegetables; ...4.0164

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor, Rain; Soil Depth; Vegetables; ...4.0186

REACTIONS OF VEGETABLE CROPS TO APPLIED CHEMICALS, EXCLUSIVE OF NUTRIENTS ...Cucumis Melo; Dacthal; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0241

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vca-438; ...4.0364

WEED CONTROL IN FIELD AND HORTICULTURAL CROPS ...Brassica Species; Capsicum; Cucumis Sativus; Fragaria; Hordeum Vulgare; Lycopersicum; Pesticide Action on Plants; Phaseolus; Solanum; Triticum; Zea Mays - Sweet Corn; ...4.0398

HERBICIDES FOR VEGETABLES ...Cucumis Sativus; Fungal Resistance; Pesticide Evaluation; Plant Resistance; Soil Environment -other; Tok; Virus Resistance; ...4.0420

WEED CONTROL IN HORTICULTURAL CROPS ...Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

NATURE AND SIGNIFICANCE OF CYTOLOGICAL, HISTOLOGICAL AND ANATOMICAL EFFECTS OF HERBICIDES ...Cucurbita; Dicamba; Herbicides and Other Chem; Medicago; Pesticide Application Rates; Plant Resistance; Pyrazon; ...4.0495

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Botran; Methyl Bromide; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Brassica Species; Cdaa; Cyclic Organic Cpds. --(1 Or , Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Algacides -nonspecific; Amiben; Bromacil; Fenac; Gas Chromatography; Hercules 14503; Mercury; Monitoring Systems; Pesticide Tolerance Rate; Residues in Foods; ...4.0770

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Cell Injury and Autolysis; D, 2,4-; Dicamba; Herbicides and Other Chem; Pesticide Action on Plants; Phaseolus; Propachlor; Translocation; ...4.0875

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Carbamates -nonspecific; Chenopodiaceae; Chlorinated Hydrocarbons; Insecticides -nonspecific; Organophosphorous Cpds.; Plant, Rhizosphere; Soil Microbiology; Trifolium; ...4.1043

CLEARANCE OF SAFE, EFFECTIVE CHEMICALS FOR MINOR USES ...Chenopodiaceae; Cucumis Sativus; Dichlone; Gallus Domesticus; Hetero Cyclic Cpds. (1 Or 2; Lycopersicum; Mcpb; Moraceae; Paris Green; Piperonyl Butoxide; Pyrus Malus; Sclerotinia; Solanum; TCA; ...4.1074

RADIOMIMETIC EFFECT OF DRUGS AND FOOD ADDITIVES ...Antioxidants -nonspecific; Cell Injury and Autolysis; Chemical Mutagenesis, Insecticides -nonspecific; Pathological Physiology; ...5.0033

CONTROL AND MODIFICATION OF SEED RADIOSENSITIVITY ...Hordeum Vulgare; Neutron -see Radiation; Oryzeae; Physical Mutagenesis; Plants; ...5.0664

Asparagus

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Delaware; Food Processing Industries; Irrigation; Plant Waste Removal, Treatment; Rain; Vegetables; Water Costs; ...2.1214

DEVELOP WEED CONTROL PRINCIPLES AND PRACTICES FOR HORTICULTURAL CROPS IN THE NORTHWEST ...Agropyron; Centaurea; Convolvulaceae; Cynodon; Fumigants - nonspecific; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Solanum; Vitaceae; ...4.0191

REACTIONS OF VEGETABLE CROPS TO APPLIED CHEMICALS, EXCLUSIVE OF NUTRIENTS ...Allium; Cucumis Melo; Dacthal; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0241

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

QUALITY AND NUTRIENT COMPOSITION OF FOODS TREATED WITH PESTICIDES ...Chemical Analysis; Prunus Persica; Residues in Foods; Zea Mays - Field Corn; ...4.0338

CHEMICAL WEED CONTROL IN HORTICULTURAL CROPS ...Agropyron; Algae -nonspecific; Apium Species; Bensulide; Brassica Species; Convolvulaceae; Diazinon; Granules, Capsules; Lactuca; Lycopersicum; Pesticide Evaluation; Pesticides -other; Prometryne; Prunus Domestica; Pyrus Malus; Solanum; Terbacil; Vcs-438; ...4.0364

BEE INVESTIGATIONS ...Aquifoliaceae; Climates -general; Ericaceae; Lindane; Pollens -see Air Pollution; ...4.0760

Lilium

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

WEED CONTROL IN HORTICULTURAL CROPS ...Allium; Cdaa; Cipc; Ericaceae; Pesticide Evaluation; Pesticide Phytotoxicity; Pisum; Prunus Domestica; Pyrus Malus; Zea Mays - Field Corn; ...4.0451

Musaceae

BIOLOGY AND CONTROL OF INSECTS AND RELATED PESTS ON ORNAMENTAL PLANTS ...Dyphonate; Pesticide Evaluation; Pesticide Formulation; Pesticide Phytotoxicity; ...4.0261

Najadaceae

GROWTH SUPPRESSION AND REDUCTION IN REGROWTH POTENTIAL OF AQUATIC WEEDS ...Acrolein; Pesticide Application Rates; Plant Pollutants; Potamogetonaceae; Submerged Plants; ...2.0071

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED, WALWORTH, ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Algae -nonspecific; Chemical Water Properties; Fish; Physical Water Properties; Range Or Territorial Distr.; Water Pollutant Identification; Watersheds; ...2.0868

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Amaranthaceae; Effluent-standards; Eutrophication; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Physiography -general; Pontederiaceae; Sewage; ...2.1467

A COMPARATIVE STUDY OF THE RESPONSES OF THE AQUATIC WEEDS, ZANNICHELLIA PALUSTRIS & RUPPIA MARITIMA, TO DIFFERENT TEMPERATURES AND SALINITIES ...Amphibious Plants; Forecasting - Prediction; Marine Plants; Potamogetonaceae; Temperature (water); Water Pollution Effects; ...2.1659

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

Orchidaceae

CONTROL OF ETHYLENE-INDUCED SEPAL WILT OF ORCHIDS ...Air Cleaning Devices; Carbon; Filters; Humidity; Ornamentals; ...1.0590

Pontederiaceae

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Amaranthaceae; Effluent-standards; Eutrophication; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Physiography -general; Sewage; ...2.1467

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules, Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Water Resources Protection; ...4.0020

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds -nonspecific; Plant Phenology; Silves; Temperature (water); Water Quality Control -general; ...4.0939

Potamogetonaceae

GROWTH SUPPRESSION AND REDUCTION IN REGROWTH POTENTIAL OF AQUATIC WEEDS ...Acrolein; Najadaceae; Pesticide Application Rates; Plant Pollutants; Submerged Plants; ...2.0071

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Algae -nonspecific; Aquatic Soils; Ecological Effects; Eutrophication; Hydrocharitaceae; Phytoplankton; Plant Succession; ...2.0266

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Amaranthaceae; Effluent-standards; Eutrophication; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Physiography -general; Pontederiaceae; Sewage; ...2.1467

ECOLOGY AND NITROGEN CYCLE IN A MARINE PLANT COMMUNITY ...Alaska; Bering Sea; Lagoons; Nitrogen Cycle - see Denitrif.; Physiological Effects; Plant Physiological Ecology; Primary Productivity - Plants; ...2.1476

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae; Eutrophication; Fertilizers -aquatic; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; ...2.1650

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

A COMPARATIVE STUDY OF THE RESPONSES OF THE AQUATIC WEEDS, ZANNICHELLIA PALUSTRIS & RUPPIA MARITIMA, TO DIFFERENT TEMPERATURES AND SALINITIES ...Amphibious Plants; Forecasting - Prediction; Marine Plants; Temperature (water); Water Pollution Effects; ...2.1659

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources; Aquatic Soils; Growth; Haloragaceae; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Photoperiodism; Plant Tissue Analysis -chem.; Temperature (water); ...4.0053

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Cell Membrane Permeability; Chlorophyll; Electronic Components; Permeability, Physical Control; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0065

Typhaceae

AN ECOLOGICAL STUDY OF THE PATUXENT ESTUARY ...Amphibious Plants; Electric Power Plants; Graminese; Induced Temperature; Physiological Effects; Thermal Pollution; Zizaniaea; ...2.1573

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Aquatic Soils; Dalapon; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Formulation; Pesticide Residues; Ponds; ...4.0006

Plasmas

EXPERIMENTAL LASER MEASUREMENT RESEARCH ...Air Pollution Analysis; Air Pollution-chemistry; Functions and Properties; Lasers and Masers; ...1.0683

AERONOMY AND OTHER ATMOSPHERIC STUDIES ...Aerosols; Color - Brightness; Lasers and Masers; Photography; Weather Radar; ...1.0694

ATOMIC ABSORPTION SPECTROSCOPY WITH A HIGH TEMPERATURE FURNACE ...Air Pollution Monitoring; Atomic Absorption; Clouds - Precipitation; Montana; Particulates and Aerosols: Snow; ...1.0737

FUNDAMENTAL STUDIES IN FALLOUT FORMATION PROCESSES ...Chemical Mechanisms & Kinetics; Electrochemistry; Fission Products-see Radioact.; Radiotracers -see Tracers; ...5.0048

WEAPONRY RADIATION PENETRATION IN MATTER FOR EVALUATING ATOMIC WEAPONS' EFFECTS ...Fast Neutrons; Nuclear Detonations; Radiation Penetration; X and Gamma Rays; ...5.0368

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Commelinaceae; Dosimetry; Ionizing Radiation - see Rad.; Muridae; Radiation; Radiation Sources -general; X and Gamma Rays; ...5.0870

Plastics

INCINERATION--COMBUSTION OF PLASTICS, FILMS, ETC. ...Air Cleaning Devices; Furnaces: Incineration; ...1.0078

THE EFFECTS OF ATMOSPHERIC CONTAMINANTS ON THE DURABILITY OF BUILDING MATERIALS ...Air Pollution;

Coatings -see Materials; Corrosion, Deterioration; Coulometry; Inspection and Control; ...1.0339

EFFECTS OF OZONE ON SELECTED MATERIALS ...Air Pollution-chemistry; Automotive Application; Coatings -see Materials; Controlled Atmosphere; Corrosion, Deterioration; Elastomers; ...1.0386

TECHNIQUE FOR ACID AEROSOL DETECTION AND ANALYSIS (ABBREV) ...Aerosols; Air Pollution-chemistry; Chemical Analysis -general; Films; ...1.0676

USE OF GEL MATERIAL FOR SEALING DEEP MINE OPENINGS ...Catalysts; Ceramics; Combustion; Polymerization; Sealants -see Coatings; ...2.0347

SELF-ADJUSTING AND SELF-CLEANING FILTER FEASIBILITY STUDY ...Chlorination; Filters-filtration; Meterials, Composite; Pollutant Removal; Pressure Effects; Storm Sewer Quantity; ...2.0882

CONSERVATION OF WATER AND REDUCTION OF POLLUTION BY USE OF SOLVENT SYSTEMS FOR COLORING TEXTILE MATERIALS ...Dispersants; Fibers; Solvent; Textile Industry; Waste Material Recovery; Water Conservation -general; Water Quality Control -general; ...2.0958

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides -nonspecific; Biological; Coatings -see Materials; Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Water Distribution Systems; ...2.0977

MULTILAYER FILTRATION ...Ash-coal Filters; Filters - Porous Materials; Flocculation; Turbidity; ...2.1111

NONAQUEOUS TREATMENTS TO IMPROVE FABRIC PROPERTIES AND REDUCE WATER POLLUTION ...Chemical Mechanisms & Kinetics; Fabrication; Home Economics; Materials -properties; Textile Industry; Water Quality Control -general; ...2.1283

WARP SIZES THAT AVOID STREAM POLLUTION AND IMPROVE DURABLE-PRESS FABRICS ...Coatings -see Materials; Fibers; Home Economics; Industrial Wastes; Materials -properties; Textile Industry; Water Quality Control -general; ...2.1284

METAL REMOVAL/RECOVERY FROM POLLUTED WATER BY COMPLEXATION WITH LINEAR POLYELECTROLYTES ...Chelation & Complexing; Chemical Treatment (water); Desalination; Industrial Wastes; Waste Material Recovery; Zinc; ...2.1352

TREATMENT OF DYEING BATH WASTE STREAMS BY FOAMING AND FLOTATION TECHNIQUES ...Adsorption; Chemical Effects; Dye Wastes; Fibers; Foam; Southeast U. S.; Textile Industry; ...2.1441

POLYMER-IMPREGNATED CONCRETE PIPE RESEARCH PROGRAM ...Casting of Materials; Ceramics; Industrial Wastes; Materials, Composite; ...3.0022

SURVEY OF REFUSE ORIGINATING ABOARD NAVAL VESSELS AT SEA ...Disposal; Incineration; Marine Materials; Waste Type; ...3.0026

WASTE TREATMENT FOR AN INDIVIDUAL HOME WITH REUSE OF THE WATER ...Aeration (water); Filters-filtration; Flushing Devices; Materials, Composite; Recycle Water; Small Sanitation Unit; ...3.0139

INCINERATION OF PLASTICS FOUND IN MUNICIPAL REFUSE ...Air Pollution; Burning; Contamination; Incineration; Pyrolysis; ...3.0248

ANALYSIS OF SOLID WASTE DISPOSAL METHODS ...Collection; Incineration; Pipelines; Transportation; Waste Type; ...3.0318

UTILIZATION OF WASTE PLASTICS FROM URBAN REFUSE ...Chlorine; Disposable Materials; Recoverable Materials; Urban Research -general; ...3.0386

PAPER AND FIBERBOARD PROCESSES ...Additives; Combustion Air Pollution-gen; Fabrication; Industrial Wastes; Materials, Composite; Pulp and Paper; Solanum; ...3.0407

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Ponds; Silver; TCA; Xylene; ...4.0017

DEVELOPMENT OF FIELD METHODS IN SAMPLING WATER FOR PESTICIDE ANALYSIS ...Chemical Analysis; Chemical Extraction; Chlorine; Membranes; Pesticides -see Pesticide; Water Chemistry; ...4.0049

MARKET QUALITY OF TABLE GRAPES AS INFLUENCED BY CHEMICALS APPLIED FOR WEED, PEST AND DISEASE CONTROL ...Dbtce; Food Engineering & Technology; Moisture; Packaging Materials; Pesticide Organoleptic Prop.; Pesticides - other; ...4.0226

RADIATION EFFECTS IN DIELECTRICS ...Electrical, Electronic Mtl.; Films; Ionizing Radiation -see Rad.; Irradiation; ...5.0238

MECHANISMS OF LOCAL CARCINOGENESIS - RADIATION, PLASTIC FILMS, AND OTHER AGENTS ...Beta Particles; Canidae; Radiation Carcinogenesis; Radiation Sensitivity -man; ...5.0269

RADIATION EFFECTS IN CROSS-LINKING IN POLYMERIC SYSTEMS ...Electrical, Electronic Mtl.; Irradiation; Ordinance Materials; Packaging Materials; Polymerization; ...5.0511

FUNDAMENTAL INVESTIGATIONS IN RADIATION POLYMER CHEMISTRY ...Irradiation; Polymerization; Radiation; ...5.0555

PRACTICAL HIGH SENSITIVITY THERMOLUMINESCENT DOSIMETRY ...Dosimeters -see Dosimetry; Dosimetry; Ionizing Radiation -see Rad.; Scintillation, Twinkle, X and Gamma Rays; ...5.0831

SPECIAL PROBLEMS IN NUCLEAR INSTRUMENTATION AND MEASUREMENT OF W IN GASES ...Alpha Particles; Chemical Mechanisms & Kinetics; Ionization Chambers; Kinetic Isotope Effects; Radiological Instruments; ...5.0838

PULSED ELECTRON BEAM DOSIMETRY ...Beta Particles; Dosimeters -see Dosimetry; Electrical Phenomena; Radiation Instruments; Radiation Sources -general; ...5.0910

RADIATION DOSIMETRY ...Calorimetry; Physical Dosimetry; Protons; Radiation Penetration; ...5.0956

Plating Wastes

FOAM SEPARATION FLOTATION OF COLLOID ORGANIC SYSTEMS ...Chelation & Complexing; Demineralization; Fluid Mechanics; Mineralogical Water Properties; Process Design; Surfactants -see Detergents; Waste Water Treatment -general; ...2.0899

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials; Coatings -see Materials; Dewatering; Effluents - Waste Water; Industrial Wastes; Metal Processing Wastes; Pilot Plants; Sludge; Waste Treatment Economics; ...2.1208

AN INVESTIGATION OF TECHNIQUES FOR THE REMOVAL OF CHROMIUM AND CYANIDES FROM ELECTROPLATING WASTES ...Chelation & Complexing; Coatings -see Materials; Flotation; Inspection and Control; Precipitation; Waste Material Recovery; ...2.1334

METAL REMOVAL/RECOVERY FROM POLLUTED WATER BY COMPLEXATION WITH LINEAR POLYELECTROLYTES ...Chelation & Complexing; Chemical Treatment (water); Desalination; Industrial Wastes; Plastics; Waste Material Recovery; Zinc; ...2.1352

EFFICIENT PRICING FOR URBAN WASTE WATER RENOVATION - PHASE I ...Activated Sludge; Computer Models; Simulation Theory; Urban Research -general; ...2.1807

RECOVERY OF MINERAL MATERIALS FROM SELECTED PROCESSING WASTES ...Effluent-standards; Metal Processing Wastes; Waste Material Recovery; Waste Treatment. ...3.0206

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR PROCESS CONTROL AND POLLUTION ABATEMENT ...Coatings -see Materials; Isotope Tracer -see Tracers; Radioactive Isotopes; Reactors; Zinc; ...5.0804

Platte River

RIVER BASINS - SOUTH FORK DAM ...Agricultural Studies - general; Dams -general; Irrigation; Model Studies; River Basins; ...2.0978

Playas

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Activation Analysis; Cesium; Fish; Marine Animals; Radioactive Fallout; Radioactivity; Sea Water Sampling; Zinc; ...2.0051

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Baseflow, Fresh Water; Groundwater Basins; Permian Period; Saline Water Intrusion; Seepage (water); Tectonics; Water Pollution Sources; ...2.0376

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Pliocene Epoch; Silting (water) -see Sediment; Water Bacteria; Water Pollution Sources; ...2.0386

DEVELOPMENT OF SYSTEMS FOR GROUND WATER RECHARGE INTO THE OGALLALA FORMATION ...Agricultural Runoff; Filtration; Ponds; Specific Rock Unit; Texas; ...3.1430

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Contamination - Soil; Farm Anim.] Wastes; Groundwater; Rock - Soil Pollution; Soil Microbiology; Sorghum; Water Pollutants - Path of; ...3.0320

FATE OF POLLUTANTS IN GROUND WATER ...Aquifers; Groundwater; Pesticides -see Pesticide; Texas; Water Wells; ...4.0062

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

Poland

REPLACEMENT OF CULTIVATION WITH CHEMICALS ...Algae -nonspecific; Bacteria -nonspecific; Chenopodiaceae; Herbacides - nonspecific; Soil Chemical Properties; Soil Moisture; Tillage, Cropping Systems; ...4.0168

THE ROLE OF RHIZOSPHERE MICROORGANISMS IN THE ACTION OF HERBICIDES ON PLANTS ...Ammonification Or Decay; Fungicides -nonspecific; Insecticides -nonspecific; Nitrification; Pesticide Interaction With Env; Pesticides Compatibility; Rhizosphere; ...4.0468

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Secale; Solanum; Vicia; ...4.0469

STUDY OF HONEY BEES AND OTHER POLLINATING INSECTS AND PESTICIDE CHEMICAL MATERIALS ...Foreign Agriculture; Insects - Beneficial; Liquids Or Sprays; Sevin; ...4.0771

EFFECTS OF PESTICIDES ON INSECTS, MITES, AND PREDACEOUS ARTHROPODS IN APPLE ORCHARDS ...Arachnida; Foreign Agriculture; Insects - Beneficial; Pesticide Action on Animals; Pesticide Toxicity in Animals; Population Dynamics -general; Temperature - Air; ...4.0838

Polar Oceanic Areas

GEOCHEMISTRY-MINERALOGY OF THE MACKENZIE RIVER ...Adsorption Capacity; Chemical Water Properties; Geochemical Analysis (water); Suspension; ...2.0056

RADIOCARBON IN THE SEA ...Carbon; Marine Biology - General; Ocean Mixing; Radioactivity; Ships and Cruises; Wind; ...2.0427

NAVY ENVIRONMENTS - ARCTIC SEA ICE ORGANISMS ...Acoustical Properties; Marine Biology - General; Marine Fouling; Optical Properties; Polar Regions; ...2.0473

OCEAN CIRCULATION ...Air Pollution; Atlantic Ocean; Marine Environments; Mathematical Models; Model Studies; Ocean Currents; Ocean Turbulence; Temperature; ...2.0508

WESTERN BEAUFORT SEA ECOLOGICAL CRUISE (WEBSEC 9-70) ...Alaska; Bays; Ecological Effects; Marine Biology - General; Oil; Sea Water Chemistry; Ships and Cruises; Water Standards & Baselines; ...2.0537

COMPLETION OF AN ECOLOGICAL SURVEY CRUISE IN THE SOUTHEASTERN CHUKCHI SEA ...Alaska; Aquatic Plants - nonspecific; Marine Biology - General; Oil and Natural Gas - Sulfur; Sea Water Properties; ...ter Standards & Baselines; ...2.0538

PB-210 STUDIES IN BEAGLES ...Body Isotope Burden; Digestive System - Human; Food Contamination; Lead; Radiologic Health; Toxicology; ...5.0721

Polar Regions

TOTAL ORGANIC CARBON AS A POLLUTION CONTROL PARAMETER IN SUB-ARCTIC WATERS ...Alaska; Chemical Oxygen Demand; Organic Matter; Water Pollutant Identification; ...2.0007

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0068

NAVY ENVIRONMENTS - ARCTIC SEA ICE ORGANISMS ...Acoustical Properties; Marine Biology - General; Marine Fouling; Optical Properties; ...2.0473

STUDY OF ASSIMILATIVE CAPACITY OF ARCTIC AND SUB-ARCTIC STREAMS ...Animal Habitat Studies; Degradation -see Pesticide Deg; Optical Properties of Water; Plant Habitat Studies; Sub - Polar Regions; Water Pollution Effects; ...2.0959

NAVY ENVIRONMENT - THE MICROBIOLOGY OF THE MIDDLE SALT LAGOON AS RELATED TO SEWAGE DISPOSAL ...Arctic; Environment; Lagoon; Sewage; Sewage Bacteria; Waste Disposal-see Solid Waste; ...2.1200

ARCTIC ENGINEERING GEOLOGY (TAPS) ...Alaska; Environmental Hazards; Geology -general; Permafrost - Frozen Soils; Remote Sensing; ...3.0017

CHLORINATED HYDROCARBONS - PATTERNS AND EFFECTS UPON THE REPRODUCTIVE CAPACITY OF ANTARCTIC PELAGIC SEA BIRDS ...Antarctica; Birds; France; Polychlorinated Biphenyl Cpds.; Procellariiformes; ...4.0551

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Foods; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1608

THE ANALYSIS OF NATURAL SYSTEMS ...Absorption (incl. Adsorption); Chlorine; Growth; Mathematical Models; Pesticide in Food Chains; Primary Productivity - Plants; ...5.0082

Political Processes & Systems

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

ENVIRONMENTAL SYSTEMS PROGRAM ...Administration and Management; Environmental Hazards; Fiscal Analysis -ge...ral; Mathematical Analysis; Urban Research -general; Waste Disposal-see Solid Waste; ...3.0173

ENVIRONMENTAL POLLUTION PROBLEMS AND ABATEMENT CONTROL ALTERNATIVES ...Air Pollution -see Specifics; Government -see Federal Gov.; Oregon; ...3.0278

AN INVESTIGATION INTO THE RELOCATION OF A PORTION OF THE WHEAT SUPPLY FOR NATIONAL SECURITY CONSIDERATIONS ...Agricultural Economics; Costs -see Economics Entries, Management; Marketing; Regional Economics; ...5.0071

Pollens -see Air Pollution

AIR-SPORA IN HAWAII ...Air Pollution -see Specifics; Atmospheric Dynamics; Fungi -nonspecific; Humidity - Water Vapor; Organic Compounds; Plant Pathogenetic Fungi; Tropical Regions; Wind; ...1.0045

AEROBIOLOGICAL SURVEY IN THE NORTHERN ROCKY MOUNTAINS AND PLAINS ...Air Pollution -see Specifics; Biological Organisms; Contamination -see Air & Water; Montana; Seasonal Distribution; Vertical Distribution; ...1.0070

CHANGING VEGETATION AND ATMOSPHERIC POLLEN ...Air Pollution -see Specifics; Economics of Natural Resources; Lakes; Plant Competition; Pollen -see Pollen; Rural Areas; Urban Environment; Wind -see Air Motion; ...1.0076

TRAVELS OF AIRBORNE POLLEN ...Air Pollution; Air Pollution -see Specifics; Atmospheric Dynamics; Engineering Sources-other; Mathematical Models; Pollen -see Pollen; Range Or Territorial Distr.; Urban Environment; ...1.0079

FURNISHING NOTICE OF RESEARCH PROJECTS RELATIVE TO ALL BIOLOGICAL INFORMATION ...Air Pollution -see Specifics; Asbestos; Carbon Monoxide; Chlorine; Lead; Zinc; ...1.0193

AEROBIOLOGY PROGRAM ...Aerobiology; Air Pollution -see Specifics; Conservation of Ecosystems; Microorganisms -nonspecific; Plant Pathology - Env. Relat.; Range Or Territorial Distr.; ...1.0216

ANALYSIS OF FLAVONOLS AND OTHER PHENOLS ...Air Pollution -see Specifics; Air Pollution-chemistry; Bioindicators; Biological Organisms; Natural Sources; Particulates - Air Pollution; Phenols; ...1.0792

DIATOMS IN LAKES AND LAKE SEDIMENTS AS AN INDEX TO ENVIRONMENT ...Aquatic Soils; Core Analysis; Lake Deposits; Literature Search; Paleontology; Water Standards & Baselines; ...2.0647

CYTOGENETIC EFFECTS OF HYDROGEN FLUORIDE ON CORN ...Chemical Mutagenesis; Hydrogen Fluoride; Industrial Pollution -general; Pesticide Action on Plants; Zea Mays - Field Corn; ...4.0051

BEE INVESTIGATIONS ...Aquifoliaceae; Climates -general; Ericaceae; Lindane; ...4.0760

A STUDY OF THE BIOCHEMICAL EFFECTS OF IONIZING AND NONIONZING RADIATION ON PLANT METABOLISM DURING DEVELOPMENT ...District of Columbia; Light; Plants; Radiation; Radiation Effects -see Rad.; ...5.0234

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Growth; Plants; Plants - Monocotyledons; Radiation Effects -see Rad.; Radiation Sensitivity -man; Reproductive Physiology; X and Gamma Rays; ...5.0536

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Bacteria -nonspecific; Cell Injury and Autolysis; Gases, Microorganisms; Plants; Radiation; Temperature; X and Gamma Rays; ...5.0677

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae, Deciduous Forests; Mammals -nonspecific; Microorganisms; Picea; Plants; Populus; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0769

RELATIONSHIP OF PLOIDY, CHROMOSOME SIZE AND RADIOSENSITIVITY ...Cell Injury and Autolysis; Cobalt; Neutron -see Radiation; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0899

Pollutant Removal

ANALYTICAL METHODS - WATER CHEMISTRY ...Analysis and Detection; Chromatography; Electroanalyses; Photometry; Trace Analysis; Water Pollutant Identification; Zinc; ...2.0514

SELF-ADJUSTING AND SELF-CLEANING FILTER FEASIBILITY STUDY ...Chlorination; Filters-filtration; Materials, Composite; Pressure Effects; Storm Sewer Quantity; ...2.0882

IMPROVEMENT OF QUALITY OF WATER RESOURCES BY A THREE-FOLD ATTACK - ADSORPTION, SEDIMENTATION AND MIXING ...Adsorption; Adsorption Capacity; Flocculation; Process Design; Thermodynamics; Water Pollution Abatement; ...2.0905

CARTRIDGE FILTRATION FOR IRON AND MANGANESE REMOVAL ...Coagulation; Demineralization; Filtration; Groundwater; Ion Exchange; Oxidation; ...2.0939

THE REMOVAL OF IMPURITIES IN TRICKLING FILTER EFFLUENTS ...Coagulation; Electrophoresis; Pond; Tertiary Treatment; Types of Resources; Zeta Potential; ...2.0944

THE VORTEX CHAMBER AS A GRIT REMOVAL DEVICE FOR WATER TREATMENT ...Fluid Mechanics; Turbidity (water); Waste Treatment; Water Purification; ...2.0945

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

DIATOM REMOVAL BY FLOCCULATION ...Algal Pollutant Sources; Contamination - Water; Flocculation; Oxidation; Temperature (water); ...2.1251

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

EVALUATION OF CURRENT TECHNIQUES OF NUTRIENT REMOVAL FROM WASTE WATERS ...Biological Treatment-general; Chemical Treatment -general; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Waste Treatment Economics; ...2.1318

THE ORGANIC CONCENTRATION GRADIENT IN AN AERATION COLUMN ...Aeration (water); Bubbles; Organic Matter; Organic Water Properties; Separation; Surfactants -see Detergents; ...2.1337

PROCESS DEVELOPMENT FOR REMOVAL OF NUTRIENT MATERIALS FROM WASTEWATERS ...Activated Sludge; Additives; Anaerobic Wastewater Treatment; Denitrification -see Nitrogen; Effluent-standards; Waste Water Treatment -general; ...2.1363

PRECIPITATION OF PHOSPHATES FROM WATER WITH FERROUS SALTS ...Biochemical Oxygen Demand; Chemical Treatment -general; Flotation; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1377

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

Bacteria

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU ...Aquatic Distribution; Bacterial Ecology; Bays; Hawaii; Intestinal Bacteria; Nitrogen and Nitrogen Cpds.; Sewage; Water Pollutant Identification; ...3.0563

PURIFICATION OF LOW QUALITY WATERS BY FOAM SEPARATION ...Bubbles; Color; Flotation; Foam; Turbidity; Waste Water Treatment -general; ...3.0918

EDDY DIFFUSION AND BACTERIAL REDUCTION IN WASTE FIELDS ...Coliforms -nonspecific; Light; Marine Plants; Optical Properties of Water; Waste Treatment - Radiation; ...2.1181

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Bacterial Ecology; Cellular Physiology- Env. Eff.; Chlorine; Effluent-standards; Illinois; Sewage Bacteria; Water Bacteria; ...2.1259

DISINFECTION OF SEWAGE EFFLUENTS ...Bromine; Chemical Water Properties; Chlorination; Chlorine; Disinfection; Sewage; ...2.1264

A NEW APPROACH FOR WATER RECLAMATION - COMPLETE TREATMENT OF WASTE WATER BY PHYSICO-CHEMICAL PROCESSES ...Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Waste Water Treatment -general; ...2.1324

RESEARCH AND REFERENCE TO SEWAGE EFFLUENT PONDS ...Activated Sludge; Biochemical Oxygen Demand; Linings - Pavings; Pond; Waste Water Treatment -general; ...2.1457

BIO-MASS DETERMINATION - A NEW TECHNIQUE FOR THE CONTROL OF AERATION SEWAGE TREATMENT PROCESS ...Adenosine Triphosphate; Aeration (water); Bacteria -nonspecific; Biological Treatment-general; Sewage - Domestic; ...3.0103

CHLORINATION OF SEWAGE EFFLUENTS ...Chlorination; Chlorine; Effluent-standards; Rate of Reaction; ...3.0129

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Color; Disinfection; Farm Animal Wastes; Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment - general; ...3.0168

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Analysis and Detection; Biochemical Oxygen Demand; Effluent-standards; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Septic Tanks; Silty Soils; Water Pollutant Identification; ...3.0350

A NEW PRACTICAL APPROACH TO DAIRY WASTES ...Farm Animal Wastes; Impaired Water Use; Waste Disposal on Soils; Water Quality Control -general; ...3.0392

Organics

ANALYTIC AND PROCESS CLASSIFICATION OF EFFLUENTS (ORGANIC NITROGEN IN ACTIVATED CARBON EFFLUENTS) ...Effluent-standards; Electrodialysis; Electrophoresis; Nitrogen and Nitrogen Cpds.; Total Organic Carbon; Waste Water Treatment -general; ...2.0528

THE MOLECULAR NATURE OF ORGANIC WASTE REMOVAL PATTERNS ...Activated Sludge; Aquatic Fungi -nonspecific; Bacterial Population Surveys; Organic Matter; Process Design; Total Organic Carbon; ...2.0817

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY REVERSE OSMOSIS ...Carbon Filters; Chemical Oxygen Demand; Effluents - Waste Water; Fouling; Reverse Osmosis; Tertiary Treatment; ...2.0879

KINETICS OF DISINFECTION WITH CHLORINE ...Chlorination; Chlorine; Disinfection; Sewage - Domestic; Water Chemistry; ...2.0909

ADSORPTION FROM AQUEOUS SOLUTION ...Adsorption, Chemical Mechanisms & Kinetics; Fluid Mechanics; Fluidized Bed Reactor; Organic Matter; Waste Water Treatment -general; ...2.0914

THE EFFECT OF CHLORINATION ON TREATED ORGANIC CHEMICALS ...Chemical Manufacturing Wastes; Chlorination; Degradation; Disinfection; Rate of Reaction; Waste Water Degradation; ...2.0919

REMOVAL OF ORGANIC CONTAMINANTS ...Carbon Filters; Organic Matter; Waste Water Treatment -general; ...2.0927

EFFECT OF SURFACE GROUPS ON ADSORPTION OF POLLUTANTS ...Adsorption; Waste Material Recovery; Waste Water Treatment -general; ...2.0936

KINETICS OF BIOLOGICAL FILTERS ...Aerobic Waste Water Treatment; Cellular Model Systems; Kinetics; Mathematical Models; Microorganisms -nonspecific; Trickling Filters; ...2.0943

ADSORPTION OF ORGANIC COMPOUNDS ONTO SOLIDS FROM AQUEOUS SOLUTIONS ...Adsorption; Chemical Mechanisms & Kinetics; Constants; Fluid Mechanics; Forecasting Prediction; Model Studies; Organic Matter; ...2.0949

ELECTROCHEMICAL ACTIVATION AND REGENERATION OF CARBON SURFACES FOR TERTIARY WATER TREATMENT ...Chemical Regeneration; Electrochemistry; Electrolytic; Tertiary Treatment; Waste Water Treatment -general; ...2.0950

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Diffusion; Groundwater Movement; Organic Matter; Oxidation; Polarography; Septic Tanks; Soil Chemical Properties; Soil Moisture; ...2.0989

METAL ION-CATALYZED OXIDATION OF PHENOLS AND AROMATIC AMINES ...Catalysis, Homogeneous; Chelation & Complexing; Isotope Tracer -see Tracers; Mechanism Determination; Oxygen; ...2.1109

REMOVAL OF TRACE ORGANICS FROM WATER BY ADSORPTION ON COAL ...Adsorption; Coal; Fluidized Bed Reactor; Kinetics; Utilization; Waste Water Treatment -general; Water Chemistry; ...2.1120

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

A STUDY OF THE EFFECT OF ULTRASONIC ENERGY ON WASTE WATER ...Acoustics; Disinfection; Fluid Mechanics; Nitrogen and Nitrogen Cpds.; Ultrasonic Engineering; ...2.1178

PRACTICALITY OF CHLORINATING ALGAE-LADEN EFFLUENTS FROM STABILIZATION PONDS ...Algae -nonspecific; Chlorination; Disinfection; Sewage Lagoons; Water Pollutant Identification; ...2.1198

AIR OXIDATION OF ORGANIC COMPOUNDS IN AQUEOUS SYSTEMS ...Air; Chemical Mechanisms & Kinetics; Kinetics; Pressure; Temperature; Wet Oxidation; ...2.1204

SORPTION BEHAVIOR OF ORGANIC PYROPOLYMERS IN AQUEOUS SOLUTION ...Adsorption; Pesticides; Porosity; Tertiary Treatment; Thermal Treatment; Waste Water Treatment -general; ...2.1215

INTEGRATED TREATMENT OF LIQUID WASTES FROM FOOD CANNING OPERATIONS ...Biochemical Oxygen Demand; Canning Wastes -see Food Proc.; Flocculation; Flotation; Food Processing Industries; Trickling Filters; ...2.1218

PHOTOLYSIS MECHANISMS FOR POLLUTION ABATEMENT ...Oxidants; Photolysis; Solar Radiation -sunshine; Water Pollution Abatement; ...2.1245

RECLAMATION OF ENERGY FROM ORGANIC REFUSE ...Anaerobic Wastewater Treatment; Digestion; Fuels; Organic Matter; Sewage - Domestic; Waste Material Recovery; ...2.1261

COMPETITIVE ADSORPTION IN THE REMOVAL OF ORGANIC POLLUTANTS FROM AQUEOUS SOLUTION ...Adsorption; Chemical Mechanisms & Kinetics; Model Studies; Organic Matter; Waste Water Treatment -general; Water Chemistry; ...2.1263

REMOVAL OF ORGANIC AND EUTROPHYING POLLUTANTS BY COMBINED CHEMICAL AND BIOLOGICAL TREATMENT ...Biological Treatment-general; Chemical Treatment - general; Denitrification -see Nitrogen; Eutrophication; Nitrogen and Nitrogen Cpds.; Sewage - Domestic; Waste Management -see Specific; ...2.1268

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

REVERSE OSMOSIS TREATMENT OF WASTEWATERS ...Coagulation; Electrochemistry; Membranes; Organic Waste -see Waste Treat; Reverse Osmosis; Sewage - Domestic; Waste Water Treatment -general; ...2.1294

REMOVAL OF COLLOIDAL MATTER FROM WASTE WATER ...Organic Matter; Organic Waste -see Waste Treat; Waste Water Treatment -general; ...2.1313

TREATMENT OF WASTES USING PEAT, AND PEAT IN COMBINATION WITH SOIL ...Biochemical Oxygen Demand; Filtero-filtration; Peat; Soil Filters; ...2.1314

RESEARCH INITIATION - LAKE POLLUTION BY INTERNALLY PRODUCED ORGANICS ...Algae -nonspecific; Cellular Catabolism-see Degrad; Organic Matter; Plant Productivity - general; Waste Water Treatment -general; ...2.1320

AN INVESTIGATION OF LIGHT-CATALYZED CHLORINE FOR TREATMENT OF WASTE WATER ...Chlorination; Chlorine; Light-catalyzed; Oxidation; Waste Treatment Economics; Waste Water -general; Waste Water Treatment -general; ...2.1321

THE USE OF ANAEROBIC FILTERS FOR THE RENOVATION OF ACIDIC WASTEWATERS ...Acid Mine Wastes; Acidity (water); Anaerobic Wastewater Treatment; Filtration; Mathematical Models; Organic Matter; Waste Water Treatment -general; ...2.1323

A NEW APPROACH FOR WATER RECLAMATION - COMPLETE TREATMENT OF WASTE WATER BY PHYSICO-CHEMICAL PROCESSES ...Bacteria; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Waste Water Treatment - general; ...2.1324

REMOVAL OF BOD AND NUTRIENTS BY BIOLOGICAL SLIMES ...Air; Biochemical Oxygen Demand; Denitrification -see Nitrogen; Pilot Plants; Sewage - Domestic; ...2.1338

CONTROL OF MINERAL CONSTITUENTS IN WASTE WATER BY ELECTRODIALYSIS ...Demineralization; Electrodialysis; Mineralogical Water Properties; Pilot Plants; Solid Waste; Waste Water Treatment -general; ...2.1364

DISSOLVED INORGANIC REMOVAL--SELECTIVE ION AND ORGANIC REMOVAL BY ION EXCHANGE RESINS ...Demineralization; Ion Exchange; Nutrients; Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general; ...2.1366

USE OF GRANULAR ACTIVATED CARBON IN TREATMENT OF WASTE WATERS ...California; Nitrogen and Nitrogen Cpds.; Photometry; Thermal Regeneration; Waste Water Treatment - general; ...2.1368

POWDERED CARBON TREATMENT OF WASTEWATER ...Activated Sludge; Electrochemistry; Fluidized Bed Reactor; Process Design; Thermal Regeneration; Turbidity; Waste Treatment Economics; ...2.1369

DISSOLVED REFRACTORY ORGANIC REMOVAL -- CARBON AS AN ADSORBENT AND FILTER MEDIUM ...Carbon Filters; Coagulation; Sand Filters; Turbidity; Waste Water Treatment - general; ...2.1371

RELATIONSHIP OF ACTIVATED SLUDGE BULKING TO ORGANIC LOADING, OXYGEN AVAILABILITY, AND HYDRAULIC CHARACTERISTICS OF THE AERATION TANK ...Activated Sludge; Aeration; Aeration (water); Process Design; ...2.1376

MICROBIOLOGICAL CHARACTERIZATION OF ACTIVATED SLUDGE IN A WASTEWATER TREATMENT PLANT CHEMICALLY MODIFIED FOR PHOSPHORUS REMOVAL ...Activated Sludge; Bacterial Identification; Cellular Physiology- Env. Eff.; Phosphorus and Phosphorus Cpds; ...2.1405

STREAM STRIPPING OF KRAFT PULP MILL EFFLUENT STREAMS ...Distillation; Industrial Wastes; Odor; Pulp and Paper Wastes; Recycle Water; Waste Material Recovery; ...2.1448

RESEARCH AND REFERENCE TO SEWAGE EFFLUENT PONDS ...Activated Sludge; Biochemical Oxygen Demand; Linings - Pavings; Pond; Waste Water Treatment -general; ...2.1457

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

TRANSIENT LOADING EFFECTS IN THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Modification of Models; Results of Models; Sedimentation; Waste Management -see Specific; Waste Water Degradation; ...3.0067

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY GRANULAR ACTIVATED CARBON ...Chemical Oxygen Demand; Process Design; Sewage - Domestic; Tertiary Treatment; Waste Treatment Economics; Waste Water Treatment -general; ...3.0075

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Eutrophication; Florida; Lagoons; Pipe; Sanitary Sewage Quantity; Sewage - Domestic; Sub - Tropic Regions; Water Pollution Abatement; ...3.0109

ACTIVATED SLUDGE - BIO-DISC TREATMENT OF DISTILLERY WASTES ...Activated Sludge; Distillery Wastes; Temperature; Waste Management -see Specific; ...3.0136

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Chemical Oxygen Demand; Farm Animal Wastes; Lagoon; Noise -see Noise; Recycle Water; Sun; ...3.0145

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Color; Disinfection; Farm Animal Wastes; Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment - general; ...3.0168

THE BIOCHEMISTRY OF ANAEROBIC DIGESTION ...Anaerobic Bacteria; Anaerobic Wastewater Treatment; Waste Digestion; ...3.0238

MICROBIOLOGY OF ANAEROBIC SLUDGE ...Anaerobic Bacteria; Bacterial Population Surveys; Fermentation; Methane Bacteria -nonspecific; Rate of Reaction; Waste Water Treatment - general; ...3.0251

APPLICATION OF HYPERFILTRATION WITH DYNAMICALLY-FORMED MEMBRANES TO TREATMENT OF MUNICIPAL SEWAGE EFFLUENTS ...Activated Sludge; Effluent-standards; Electrochemistry; Membranes; Porosity; Sewage; Tertiary Treatment; ...3.0319

Pesticides

PHOTOCHEMICAL METHODS FOR PURIFYING WATER ...Chemical Oxygen Demand; Effluents - Waste Water; Pesticide Residues Removal; Pesticides -nonspecific; Photolysis; Pilot Plants; Washington; ...2.0877

SORPTION BEHAVIOR OF ORGANIC PYROPOLYMERS IN AQUEOUS SOLUTION ...Adsorption; Organics; Porosity; Tertiary Treatment; Thermal Treatment; Waste Water Treatment - general; ...3.1315

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

INTERACTION OF HERBICIDES AND SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Degradation -see Pesticide Deg; Microorganisms -nonspecific; Pesticide Persistance in Soils; Pesticide Residues Removal; Soil Aeration; Soil Microbiology; ...4.0153

CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PESTICIDE MANUFACTURING WASTES ...Bibliography; Canada; Contamination - Water; Literature Search; Pesticide Industry; Pesticides -see Pesticide; ...4.0986

Virus

EFFECTS OF CHEMICAL IONS ON VIRUS INACTIVATION ...Ion Exchange; Tertiary Treatment; Viral Pollutant Sources; Waste Water Treatment -general; ...3.0900

VIRUS REMOVAL-WATER AND WASTEWATER ...Bacteriophage; Carbon; Chlorination; Flocculation; Ion Exchange; Viral Pollutant Sources; Waste Water Treatment -general; ...2.0946

A FEASIBILITY STUDY OF ULTRAFILTRATION AND ELECTROPHORETIC DIALYSIS FOR RECOVERY OF VIRUSES IN WASTE AND OTHER WATERS ...Electrodialysis; Filters-filtration; Reverse Osmosis; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.1281

CHEMICAL-PHYSICAL WASTE TREATMENT PLANT DEMONSTRATION ...Carbon Filters; Hydrolysis; Esterification; Phosphorus and Phosphorus Cpds; Water Reuse; ...3.0227

Pollution Effects -see Water

ENVIRONMENTAL EFFECTS OF EXPLOSIVE TESTING ...Contamination - Water; Marine Pollution; Seismology; ...1.0355

SURVEY OF AIRBORNE FLUORIDES IN GLACIER NATIONAL PARK AND EFFECTS ON VEGETATION AND WILDLIFE ...Air Pollution -see Specifics; Fluorine; Mammals -nonspecific; Plant Community Mapping; Plant Response to Env. -ns; Rodentia -other; Wildlife -nonspecific; ...1.0363

BASE STUDY OF THE STATUS OF ECOLOGICAL RESEARCH ...Air Pollution -see Specifics; Air Pollution Effects; Balance of Nature - Plants; Environmental Ecology; Literature Search; Plant Ecology -nonspecific; ...1.0498

PHOTOSENSITIZED OXYGENATIONS ...Air Pollution -see Specifics; Isotope Effects; Mechanism Determination; Photosensitization and React; Vertebrates -nonspecific; ...1.0889

STUDY OF KEY WEST DESALTING PLANT EFFLUENT ...Alkalinity (water); Contamination - Water; Desalination Wastes; Florida; Physical Effects; Salinity (water); ...2.0053

ECOLOGY OF A TROPICAL SHORE - PRE-ANALYSIS FOR POLLUTION STUDIES ...Ecological Effects; Marine Geology; Petroleum -see Oil; Water Pollution Abatement; ...2.0058

VIRAL CONTAMINATION ...Estuaries; Marine Animals; Ostreidae (oyster); Viral Pollutant Sources; ...2.0104

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination - Water; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Primary Productivity - Plants; Sewage; Water Quality -general; ...2.0119

ACCUMULATION OF METALS IN THE AQUATIC FOOD CHAIN IN THE ILLINOIS RIVER ...Analysis and Detection; Aquatic Soils; Bioassays; Illinois River; Plant Food Chains; Water Pollution Effects; ...2.0125

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Temperature (water); Water; Wisconsin; ...2.0189

HEAVY METAL ION INTERACTION AND TRANSPORT WITH SYNTHETIC COMPLEXING AGENTS AND DETERGENT PHOSPHATE SUBSTITUTES IN AQUATIC SYSTEMS ...Biodegradation-see Degradation; Chelation & Complexing; Detergents -see Surfactants; Environmental Influences; Leaching; Surfactants -see Detergents; ...2.0221

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Analysis and Detection; Atomic Absorption; Contamination - Water; Lead; Mine Hydrology; Missouri; Water Pollution Effects; Zinc; ...2.0226

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use; Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

INVESTIGATION OF THE MERCURY POLLUTION OF LAKE ERIE AND ITS AQUATIC LIFE ...Aquatic Ecology - Animal; Contamination - Water; Ictalurus Punctatus; Lake Erie; Mercury; Physiological Effects; Stizostedion Vitreum Vitreum; ...2.0259

EXTENT OF LAKE ONTARIO POLLUTION CAUSED BY THE OSWEGO RIVER ...Aquatic Ecology - Animal; Ecological Effects; Lakes; Marine Environments; Range Or Territorial Distr.; Waste Dilution- Self Purifying; ...2.0272

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Water Pollution Sources; Zinc; ...2.0280

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Estuaries; Fish; Iron; Marine Animals; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

SEDIMENT MINERALOGY ...Adsorption Capacity; Animal Productivity; Contamination - Water; Environmental Ecology; Marine Biology - General; Mineralogy; Ponds; Vertical Distribution; Zinc; ...2.0284

PHOSPHATE MINING EFFLUENT IN ESTUARINE ECOLOGY ...Amphibious Plants; Contamination - Water; Ecological Effects; Estuaries; Mining Industry; Phosphorus and Phosphorus Cpds; Toxic Minerals; ...2.0292

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply -general; ...2.0322

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Contamination - Water; Data Acquisition; Fish; Marine Pollution; Oregon; Salinity (water); Temperature (water); ...2.0335

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Energy Conversion; Heat Recovery, Industrial; Nuclear Power; Plant Freshwater Ecology; Public Utilities; Social Aspects; Thermal Pollution; ...2.0352

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Chlorine; Forecasting - Prediction; Lakes; Mineralogical Water Properties; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; Water Pollution Sources; ...2.0359

RADIONUCLIDE UPTAKE BY MARINE ORGANISMS IN ARTIFICIAL POOL AND ELIMINATION OF RADIOACTIVITY ...Adsorption Capacity; Marine Biology - General; Primary Productivity - Plants; Radioactivity; Radioecology - Plants; ...2.0368

LEAD SHOT, ITS SETTLEMENT, OXIDATION, AND AVAILABILITY TO WATERFOWL ...Aquatic Ecology - Animal; Contamination - Water; Corrosion, Deterioration; Lead; Ordinance Materials; Swamps - Marshes; Waterfowl -nonspecific; ...2.0397

REVIEW OF THE SANTA BARBARA CHANNEL OIL POLLUTION INCIDENT ...Biological Effects; Channels; Contamination - Water; Marine Biology - General; Oil Removal; Petroleum Wastes - Spillage; ...2.0419

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Bioindicators; Chlorine; Contamination - Water; Mercury; Organic Matter; Pesticides -nonspecific; Population Dynamics -general; Water Pollutant Identification; Zinc; ...2.0466

AQUATIC-BIOTIC COMMUNITY STRUCTURE AS AN INDICATOR OF POLLUTION ...Acidity (water); Benthic Fauna; Invertebrates -nonspecific; Species Diversity Measurement; Strip Mines; ...2.0469

ST. JOHNS RIVER FISHERY PROJECT ...Animal Habitat Studies; Contamination - Water; Environmental Ecology; Fish and Shellfish; Mans Pollutional Activities; ...2.0543

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Contamination - Water; Fish; Illinois; Invertebrates -nonspecific; Organic Matter; Sediments; ...2.0576

TAXONOMY AND PHYSIOLOGY OF PROTOZOA IN CAVE STREAMS AND POOLS ...Animal Distribution; Aquatic Ecology - Animal; Groundwater; Invertebrate Physiology; Optical Properties of Water; Taxonomy -animal; Water Pollution Sources; ...2.0600

SEDIMENTOLOGY OF LOUISIANA'S ESTUARIES ...Aquatic Soils; Chemical Properties; Drilling and Coring; Louisiana; Nitrogen and Nitrogen Cpds.; Sedimentation; Size; ...2.0604

LAKE SUPERIOR PERIPHYTON IN RELATION TO WATER QUALITY ...Animal Interrelationships -gen; Balance of Nature - Plants; Contamination - Water; Fertilizers; Nutrients; Plankton; ...2.0644

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ...Aquatic Distribution; Bacterial Pollutant Sources; Contamination - Water; Escherichia Sp; Gulf of Mexico; Mississippi; Ostreidae (oyster); ...2.0652

MERCURY CONCENTRATIONS IN THE AQUATIC LIFE FORMS AND THE WATERS OF THE UPPER CLARK FORK RIVER ...Crustacea; Fish; Mercury; Mollusca; Montana; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0663

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Radioactivity; Zinc; ...2.0705

BIOLOGICAL MONITORING ...Animal Habitat Studies; Contamination - Water; Industrial Wastes; Pulp and Paper Wastes; Water Pollutant Identification; ...2.0711

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation; Economic Impact; Lakes; Regional Economics; Urban Environment; Waste Water Treatment -general; Water Quality -general; ...2.0721

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Aquatic Ecology - Animal; Biological Water Properties; Chemical Analysis (water); Data Acquisition; Fish; Organic Water Properties; Survey Studies (water); ...2.0731

FLORISTIC AND FAUNISTIC SURVEY IN THE CUYAHOGA RIVER WATERSHED ...Algae -nonspecific; Aquatic Ecology - Animal; Fish; Ohio; Plant Freshwater Ecology; River Basins; ...2.0732

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Aquatic Ecology - Animal; Contamination - Water; Ecological Effects; Fish; Reactor Sites & Rad Waste; Survey Studies (water); Thermal Pollution; ...2.0800

MACROBENTHOS AS INDICATORS OF ECOLOGICAL CHANGE ...Aquatic Ecology - Animal; Benthic Fauna; Chemical Water Properties; Physical Water Properties; River Basins; Water Pollutant Identification; ...2.0816

DEVELOPMENT OF AN IN SITU MARINE BIOASSAY WITH CLAMS ...Bioassays; Captive Rearing; Contamination - Water; Invertebrate Physiology; Monitoring; ...2.0839

TESTING METHODS FOR EVALUATION OF BOTH EFFECTIVENESS AND TOXXCITY TO AQUATIC LIFE OF VARIOUS TREATING MATERIALS ...Adsorption; Chemical Treatment (water); Degradation -see Pesticide Deg; Oil Removal; Pesticide Toxicity -general; Physiological Effects; Surfactants -see Detergents; ...2.0845

INFLUENCE OF SEDIMENTATION UPON THE PRODUCTION OF GAME FISHES ...Animal Productivity; Ecological Effects; Fish Food Organisms; Sediment Yield; Sediments; Turbidity (water); ...2.0881

NEUTRALIZATION EXPERIMENTS ...Acidity (water); Aquatic Ecology - Animal; Fish; Lime Treatment; New Jersey; Recreation, Water Resources; ...2.1060

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity; Cellular Catabolism-see Degrad; Estuaries; Microorganisms -nonspecific; Plankton; Plant Productivity -general; Ponds; Primary Productivity - Plants; Water Pollution Sources; ...2.1069

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Aquatic Ecology - Animal; Chemical Measurements (water); Chlorination; Effluents - Waste Water; Physical Water Properties; Protozoa; Temperature (water); ...2.1262

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...2.1331

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Aquatic Plants -nonspecific; Fish; Fishing; Recreation, Water Resources; Spawn Or Nesting Sites; Water Pollution Effects; ...2.1471

POSSIBLE EFFECTS OF CRUDE OIL ON AQUATIC ORGANISMS ...Alaska; Environmental Physiology; Marine Animals; Petroleum Wastes - Spillage; ...2.1477

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots; Arkansas; Chemical Analysis (water); Ecological Effects; Eutrophic Lakes; Mineralogical Water Properties; Nutrients;

Plankton Sampling; Population Dynamics -general; Zooplankton; ...2.1483

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ...Aquario; Industrial Wastes; Mining Industry; Physiological Effects; Salinity (water); Temperature; Turbidity; Water Pollution Effects; ...2.1487

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bullheads; Ecological Effects; Environmental Physiology; Marine Animals; Osteichthyes -other; Population Dynamics -general; Temperature Stress; ...2.1490

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Amphibious Plants; Biological Effects; Cirripedia; Contamination - Water; Marine Animals; Marine Environments; Petroleum -see Oil; Plant Habitat Studies; ...2.1902

EFFECTS OF SODIUM NITRATE AND WATER CONTAMINANTS ON TURKEY PERFORMANCE ...Animal Pharmacology; Contamination - Water; Environmental Physiology; Meliagris; Nutrition, Physiological Effects; Water Utilization -animal; ...2.1913

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ...Acidity (water); Captive Rearing; Contamination - Water; Environmental Influences; Fish Food Organisms; Mollusca; Pesticide Toxicity to Microorg; Temperature (water); Water Pollution Sources; ...2.1917

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; Water Pollution Sources; ...2.1928

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Induced Temperature; Marine Plants; Population Dynamics -general; Thermal Pollution; ...2.1932

INVESTIGATION OF THE EFFECTS OF COMMERCIAL HYDRAULIC CLAM DREDGING ON VARIOUS BOTTOM HABITATS OF SELECTED ESTUARINE AREAS ...Animal Habitat Studies; Benthic Organisms -nonspecific; Clams; Environmental Ecology; Mass Pollutional Activities; Sediments; ...2.1933

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal; Chemical Water Properties; Estuaries; Georgia; Invertebrates -nonspecific; Physical Water Properties; Pulp and Paper Wastes; Turbidity (water); ...2.1937

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1938

THE EFFECTS OF THERMAL LOADING ON THE HAWAIIAN MARINE BIOTA ...Animal Life History Studies; Ecological Effects; Environmental Physiology; Marine Animals; Temperature; Thermal Pollution; ...2.1939

SAND RECOVERY ...Dredging; Ecological Effects; Hawaii; Marine Biology - General; Recreation; Water Resources; Sand; ...2.1941

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pre-impoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1944

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1945

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Biochemical Analysis - Tissues; Ecological Effects; Energy Conversion; Environmental Physiology; Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1953

THE EFFECT OF INORGANIC SEDIMENT ON STREAM BIOTA ...Animal Productivity; Contamination - Water; Invertebrates - nonspecific; Sediments; ...2.1954

EFFECTS OF POLLUTION, ESPECIALLY FROM FEEDLOTS, ON FISHES IN THE UPPER NEOSHO RIVER BASIN ...Animal Habitat Studies; Aquatic Ecology - Animal; Fish; Kansas; River Basins; ...2.1957

EFFECTS OF FEEDLOT RUNOFF ON FISH FOOD ORGANISMS IN THE COTTONWOOD RIVER ...Agricultural Runoff; Aquatic Ecology - Animal; Bottom Sampling; Fish and Shellfish; Industrial Wastes; Kansas; Water Pollutant Identification; ...2.1959

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Captive Rearing; Effluents - Waste Water; Fish; Physiological Effects; Tennessee River; ...2.1960

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Diptera; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silver; Temperature (water); ...2.1966

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Benthic Fauna; Energy Conversion; Estuaries; Fish & Shellfish Biology; Maine; Physical Water Properties; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1968

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrography; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1969

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1974

BIOGEOCHEMISTRY OF ESTUARINE ECOSYSTEM WITH EMPHASIS ON HEAVY METALS AND SHELLFISH ...Chemical Analysis (water); Contamination - Water; Geochemical Analysis (water); Organic Matter; Physiological Effects; ...2.1978

LONG-TERM EFFECTS OF PESTICIDES ON AQUATIC INVERTEBRATES ...Amphipoda; Endrin; Parathion; Pesticides -see Pesticide; Sevin; ...2.1988

TOXIC ACTION OF WATER SOLUBLE POLLUTANTS ON FRESHWATER FISH ...Aquatic Ecology - Animal; Contamination - Water; Fresh Water; Nitrogen and Nitrogen Cpds.; Physiological Effects; Salmo Gairdneri; ...2.1991

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Iodine; Ms-222; Pesticides -see Pesticide; Rotenone; Water Pollutant Identification; ...2.1992

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Sodium Arsenite; ...2.1994

CHRONIC EFFECTS OF HEAVY METALS ON FISH ...Animal Pharmacology; Contamination - Water; Lepomis Macrochirus; Percidae; Radioisotopes -nonspecific; Zinc; ...2.1997

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

EFFECT OF WATER POLLUTANTS AND WATER QUALITY ON EARLY LIFE HISTORY AND POPULATION DYNAMICS OF MINNESOTA FISHES ...Animal Life History Studies; Contamination - Water; Fish Food Organisms; Minnesota; Pulp and Paper Wastes; Temperature (water); ...2.1606

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Aquatic Ecology - Animal; Construction Industry; Construction Land Use Effects; Consultants; Advisory Services; Ecological Effects; Environment; Systems Analysis - Water Mgmt; ...2.1615

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Contamination - Water; Fish; Lead; Mineralogical Water Properties; Water Bacteria; Water Pollution Sources; Zinc; ...2.1628

EFFECTS OF THERMAL AND OTHER FORMS OF POLLUTION ON SOME ANADROMOUS FISHES ...Aquatic Ecology - Animal; Environment Resistance-animals; Fresh Water; Nitrogen and Nitrogen Cpds.; Salinity (water); Thermal Pollution; ...2.1641

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water); Channels; Contamination - Water; Ecological Effects; Organic Matter; Plant Freshwater Ecology; Primary Productivity - Plants; Sewage Treatment Plant; Thermal Pollution; ...2.1658

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

DISTRIBUTION AND ECOLOGY OF RIVER MOLLUSKS IN CENTRAL AND WESTERN NORTH DAKOTA ...Animal Distribution; Atlantic Ocean; Chlorine; Mollusca; Paleontology; Water Pollution Effects; ...2.1667

TOXICITY OF SELECTED METALS TO CONDITIONED FISH ...Animal Behavioral Ecology; Behavior -vertebrate; Environmental Ecology; Fish; Pesticide Action on Animals; ...2.1669

SUBLETHAL INFLUENCE OF POLLUTANTS ON FISH METABOLISM ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Fresh Water; Population Dynamics - general; ...2.1673

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS ...Animal Predation; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Industrial Wastes; Petroleum Industry; Population Dynamics -general; Water Pollutant Identification; ...2.1674

EFFECTS OF CHEMICALLY AND BIOLOGICALLY MODIFIED PULPING EFFLUENTS ON THE PRODUCTION OF FISH ...Animal Productivity; Effluents - Waste Water; Fish and Shellfish; Irrigation; Tides; Water Purification; ...2.1676

EFFECTS OF PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Animal Productivity; Biological Effects; Contamination - Water; Fish and Shellfish; Oregon; Population Dynamics -general; ...2.1685

ECOLOGICAL STUDIES OF AN EXPERIMENTAL STREAM ...Animal Habitat Studies; Energy Budgets; Environmental Ecology; Plant Freshwater Ecology; ...2.1686

EFFECTS OF KRAFT PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Contamination - Water; Effluents - Waste Water; Fish and Shellfish; Fish Food Organisms; Industrial Wastes; Pulp and Paper Wastes; ...2.1687

AN EXPANDED PROGRAM OF RESEARCH IN FRESHWATER ECOLOGY ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Environment Resistance-animals; Fresh Water; Water Pollution Sources; ...2.1689

CYTOPATHOLOGY IN FISH EXPOSED TO STREAM POLLUTANTS ...Acid Mine Drainage; Ecological Effects; Fish Hatcheries; Physiological Effects; Salvelinus; ...2.1690

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Copepoda; Environmental Ecology; Fish; Marine Animals; Mollusca; Population Dynamics - general; Salinity (water); Thermal Properties; ...2.1693

HEALTH EFFECTS OF TOXIC CHEMICALS WITHIN THE WATER ENVIRONMENT ...Animal Toxins; Clams; Eastern U. S.; Lead; Marine Environments; ...2.1697

PHARMACOLOGY OF METAL POISONING IN ESTUARINE FISHES ...Animal Pharmacology; Contamination - Water; Environmental Physiology; Mineralogical Water Properties; ...2.1700

EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON ...Algal Physiology; Bioassays; Cellular Physiology- Env. Eff.; Contamination - Water; Estuaries; Petroleum Wastes - Spillage; Phytoplankton; Zooplankton; ...2.1703

THERMAL EFFECTS IN FLOWING STREAMS ...Currents (water); Electric Power Plants; Nutrients; Turbidity (water); ...2.1706

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants; Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

WATER POLLUTION INVESTIGATION, BATTLE CREEK, SOUTH DAKOTA ...Aquatic Ecology - Animal; Benthic Fauna; Ecological Effects; Population Dynamics -general; South Dakota; Water Quality -general; ...2.1710

EVALUATION OF FACTORS AFFECTING SPAWNING OF DALE HOLLOW WHITE BASS ...Aquatic Ecology - Animal; Environmental Physiology; Mining Industry; Spawn Or Nesting Sites; Temperature (water); ...2.1714

COAL STRIP MINE WATERSHED STUDY ...Alabama; Coal; Data Acquisition; Engineering Structures-general; Soil Tillage; Strip Mines; Water Quality -general; Watersheds; ...2.1719

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mass Pollutional Activities; Model Studies; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

THE DISTRIBUTION AND DENSITY OF MACROBENTHOS IN LAKE ARLINGTON, TEXAS ...Animal Succession; Arthropods; Ecological Effects; Lakes; Range Or Territorial Distr.; Texas; ...2.1724

EFFECTS OF SELECTED POLLUTANTS ON CERTAIN GAME AND ROUGH FISH ...Contamination - Water; Environmental Physiology; Industrial Wastes; Water Quality Control -general; ...2.1732

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Salinity (water); ...2.1733

STUDY OF EFFECTS OF MILL WASTE WATER ON FISH LIFE ...Contamination - Water; Fish; Industrial Wastes; Pulp and Paper Wastes; ...2.1738

EFFECTS OF TOXICANTS UPON FISH MOVEMENT PATTERNS ...Contamination - Water; Effluents - Waste Water; Industrial Wastes; Pilot Plants; Water Pollutant Identification; ...2.1744

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Catostomidae; Effluents - Waste Water; Manganese; Mining Industry; Sediments; Toxic Minerals; Water Purification; ...2.1746

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Conflicts; Ecological Effects; Electric Power Plants; Environmental Geology; Nuclear Power; Synoptic Weather Observations; Thermal Pollution; ...2.1755

FISH BEHAVIOR AND PHYSIOLOGY ...Animal Migration; Behavior -vertebrate; Engineering Structures-general; Environmental Physiology; Fish & Shellfish Biology; Motivation and Instinct; Sensory & Perceptual Processes; Thermal Pollution; ...2.1761

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties -general; ...2.1763

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Model Studies; Nutrients; Physical Water Properties; Primary Productivity - Plants; Statistics; Washington; Water Purification; ...2.1768

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Acid Mine Drainage; Aquatic Ecology - Animal; Bullheads; Environment Resistance-animals; Environmental Physiology; Fish Food Supply -other; Management (water); Water Resources Planning; ...2.1771

THE AQUATIC ENVIRONMENT AND ELECTRICAL POWER GENERATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Great Lakes -see Specific Lake; Reactor Sites & Rad Waste; Temperature (water); ...2.1781

PHYSIOLOGICAL AND BIOCHEMICAL TECHNIQUES TO ASSESS THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF CHEMICAL WATER POLLUTION ON FISH ...Contamination - Water; Environmental Physiology; Fish; Mercury; Physiological Effects; Water Pollutant Identification; ...2.1783

MEASUREMENT AND MANAGEMENT ASPECTS OF WATER TOXICOLOGY ...Analysis and Detection; Biological Effects; Chemical Analysis (water); Food Contamination; Plant Food Chains; Thermal Pollution; Training Grants, Fellowships; ...2.1793

PHYSIOLOGICAL EVALUATION OF TREATED TOXIC WASTES ...Animal Life History Studies; Industrial Wastes; Physiological Effects; Pulp and Paper Wastes; Salmo Gairdneri; Water Pollutant Identification; ...3.0037

EFFECT OF MUNICIPAL SEWAGE PLANT EFFLUENT UPON AQUATIC SNAIL POPULATIONS ...Aquatic Ecology - Animal; Chlorine; Ecological Effects; Lake Champlain; Mercury; Sewage; ...3.0053

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Population Dynamics -general; ...4.0021

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; ...4.0023

MECHANISMS OF PESTICIDE ACCUMULATION IN AQUATIC ORGANISMS ...Animal Pests; Biological Effects; Insecticides - nonspecific; Pesticide in Food Chains; Plant Absorption -other; ...4.0039

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

GROSS EFFECTS OF HEXADECANOL AND PLASTIC SHEET BOTTOMS ON AQUATIC LIFE IN PONDS ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Linings - Pavings; Physical Water Properties; Ponds; Water Quality -general; ...4.0054

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Animal Productivity; Bos; Ecological Effects; Oncorhynchus; Pesticide Action on Animals; Pesticide in Food Chains; Residues in Foods; ...4.0064

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Animal Resistance; Bioassay; Estuaries; Hippolyte; Marine Animals; Pesticides -nonspecific; San Francisco Bay; ...4.0543

CHLORINATED HYDROCARBONS - PATTERNS AND EFFECTS UPON THE REPRODUCTIVE CAPACITY OF ANTARCTIC PELAGIC SEA BIRDS ...Antarctica; Birds; France; Polar Regions; Polychlorinated Biphenyl Cpds.; Procellariformes; ...4.0551

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; ...4.0594

RATES OF PESTICIDE BUILDUP IN SALMONIDS RECENTLY INTRODUCED IN THE GREAT LAKES ...Aquatic Ecology - Animal; Insecticides -nonspecific; Lake Superior; Marine Pollution; ...4.0661

THE INFLUENCES OF ENVIRONMENTAL CONDITIONS ON THE TOXICITY OF PESTICIDES ...Aquatic Ecology - Animal; Bioassays; Fish; Pesticides -nonspecific; Water Pollution Effects; ...4.0708

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Aldrin; Dieldrin; Ictaluridae; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Stizostedion Vitreum Vitreum; ...4.0807

THE UPTAKE OF DIELDRIN IN THE THREE RIDGED NAIAD, AMBLEMA PLICATA ...Aquatic Ecology - Animal; Dieldrin; Mollusca; Ohio River; Water Pollutant Identification; ...4.0808

ENVIRONMENTAL TOXICOLOGY OF PESTICIDES ...Air Pollution; Contamination - Water; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Residues in Foods; ...4.0822

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Estuaries; Marine Animals; Pesticide Action on Animals; Pesticide Toxicity in Animals; Physical Models; Sevin; ...4.0825

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

THE INFLUENCE OF PESTICIDES ON MORTALITY RATES OF BIRDS ...Animal Productivity; Birds; Computer Methods -general; Pelecaniformes; Pesticide Residue Analysis; Pesticides -nonspecific; Population Dynamics -general; ...4.0828

PESTICIDE STRESS EFFECTS ON EXPERIMENTAL ECOSYSTEMS ...Arthropods; Contamination -see Air & Water; Mammals -nonspecific; Pesticide in Food Chains; Pesticide Toxicity -general; Pesticides -nonspecific; Petroleum Industry; ...4.0975

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination - other; Urine; ...4.0987

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

CHEMICAL ANALYSES ...Chemical Analysis (water); Contamination - Water; Estuaries; Invertebrate Physiology; Metabolism of Algacides; Pesticide in Food Chains; ...4.1015

MONITORING OF PESTICIDE LEVELS IN THE GREAT LAKES ...Aquatic Ecology - Animal; Fish; Great Lakes -see Specific Lake; Lakes; Pesticide Residue Analysis; ...4.1045

RADIOECOLOGY OF DEBRIS RADIONUCLIDES AT INTERMEDIATE DISTANCES FROM NUCLEAR CRATERING EVENTS ...Contamination - Water; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Radioactive Fallout-cf Fallout; Tungsten; Wildlife -nonspecific; ...5.0006

ECOLOGICAL STUDIES OF RADIONUCLIDES IN ECOSYSTEMS AT NUCLEAR DETONATION SITES ...Hydrogen; Plant Ecology -nonspecific; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioecology - Plants; Transpiration and Evap; ...5.0008

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Air - Water - Plant Relations; Cesium; Environmental Ecology; Food Contamination; Radioactive Contamination; Radiologic Health; Soil Chemical Properties; ...5.0031

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Burial; Cooperative Studies; Ecological Effects; Estuaries; Marine Biology - General; Marine Environments; Radioactive Fallout; Water Pollution Sources; ...5.0039

ULTRA-HIGH DOSE RATE RADIOBIOLOGY ...Animal Productivity; Hydrogen; Muridae; Radioactive Pollution -na; Radioecology - Plants; ...5.0181

COLUMBIA RIVER STUDIES, 1970-1971 ...Atomic Plants; Columbia River; Energy Conversion; Ionizing Radiation -see Rad.; Ostreidae (oyster); Temperature (water); Water Pollution Sources; Zinc; ...5.0762

Polychlorinated Biphenyl Cpds.

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN ...Chp.; Fish; Marine Pollution; Pacific Ocean; Water Standards & Baselines; ...2.1191

CHLORINATED ORGANIC CONTAMINANTS IN THE MILWAUKEE RIVER ...Analysis and Detection; Bioassays; Degradation -see Pesticide Deg; Lake Michigan; Organic Water Properties; ...4.0076

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Aroclor; DDT; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticides - see Pesticide; Radioisotopes -nonspecific; Soil Chemical Properties; Soil Organic Content; ...4.0087

DEVELOPMENT OF ANALYTICAL METHODOLOGY ...Chloro Phenoxy Acetic; Food Contamination; Metabolites From Pesticides; Para-dichlorobenzene; Residues in Foods; Urine; ...4.0421

CHLORINATED HYDROCARBONS - PATTERNS AND EFFECTS UPON THE REPRODUCTIVE CAPACITY OF ANTARCTIC PELAGIC SEA BIRDS ...Antarctica; Birds; France; Polar Regions; Procellariformes; ...4.0551

CURRENT FISH AND WILDLIFE PESTICIDE PROBLEMS ...Colymbiformes; Diphacin; Fish; Fungicides -nonspecific; Mammals; Metal Organics -nonspecific; Pesticide Evaluation; ...4.0566

MAGNITUDE AND NATURE OF POLYCHLORINATED BIPHENYLS IN COHO SALMON ...Chemical Analysis; DDT; Lake Michigan; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0674

SCREENING PESTICIDES FOR TERATOGENIC EFFECTS ON GAMBUSIA TOXICITY OF PESTICIDES TO FRESHWATER FISHES ...Carbamates -nonspecific; Fish; Fungicides -nonspecific; Herbicides -nonspecific; Pesticide Action on Animals; Poeciliid; ...4.0696

72-HR THYROIDAL I125 UPTAKE IN IMMATURE CHANNEL CATFISH FOLLOWING EXPOSURE TO 5 DOSES OF SELECTED TOXICANTS (ABBREV.) ...Chlorinated Hydrocarbons; Ictalurus Punctatus; Iodine; Pesticide Evaluation; ...4.0700

THE EFFECT OF PESTICIDES ON PRIMARY PRODUCERS IN A FRESHWATER ECOSYSTEM (ABBREV.) ...Adenosine Triphosphate; Aroclor; Insecticides -nonspecific; Pesticides -see Pesticide; Phytoplankton; ...4.0707

TOXICITY OF POLYCHLOROBIPHENYL (PCB) COMPOUNDS TO FRESHWATER INVERTEBRATES ...Bioassay; Circulation (water); Invertebrates -nonspecific; Pesticide Toxicity in Animals; Temperature (water); ...4.0735

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...4.1055

PREPARATION OF CHLORINE-36 LABELED ORGANOCHLORINE PESTICIDES AND RELATED COMPOUNDS (PCB'S) ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticide Toxicity to Animals; Pesticides -see Pesticide; Radioisotopes; ...4.1057

EVALUATION OF NATURALLY OCCURRING HALOGENATED COMPOUNDS AS POSSIBLE INTERFERENCES IN PESTICIDE RESIDUE ANALYSIS ...Chemical Analysis; Chlorinated Hydrocarbons; Chlorine; Gas Chromatography; Infrared Spectroscopy; Thin Layer Chromatography; ...4.1059

Polymerization

PREPARATION AND EVALUATION OF STARCH DERIVATIVES FOR DETERGENT BUILDERS ...Algae -nonspecific; Chelation & Complexing; Detergent Builders; Home Economics; Water Chemistry; ...2.0126

USE OF GEL MATERIAL FOR SEALING DEEP MINE OPENINGS ...Catalysts; Ceramics; Combustion; Plastics; Sealants -see Coatings; ...2.0347

THE REMOVAL OF EXCESS NITRATES AND NITRITES FROM POLLUTED WATER ...Chemical Regeneration; Chemical Treatment (water); Ion Exchange; Marketing; Mechanism Determination; Water Chemistry; ...2.0898

TREATMENT OF OIL WASTES ...Costs -see Economics Entries; Oil; Petroleum Research; Ships and Cruises; ...2.1434

STRUCTURAL CHEMISTRY OF SOIL HUMIC SUBSTANCES ...Adsorption; Chelation & Complexing; Hydrolysis; Esterification; Organic Soils -see Soils; Pesticides -nonspecific; Reduction Reactions; Soil Chemical Properties; Soil Microbiology; ...4.0106

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Hydrogen; Isotope Tracer -see Tracers; Kinetics; Mass Spectroscopy; Radiation Induced Chem React; Ultra Violet Radiation; ...5.0353

PHYSICAL MECHANISMS IN THE INACTIVATION OF PROTEINS BY RADIATION ...Light-catalyzed; Photosensitizer; Radiation; Radiation Chemistry -biophys; Radiation Sensitivity - man; ...5.0406

RADIATION EFFECTS IN CROSS-LINKING IN POLYMERIC SYSTEMS ...Electrical, Electronic Mil; Irradiation; Ordinance Materials; Packaging Materials; Plastics; ...5.0511

FUNDAMENTAL INVESTIGATIONS IN RADIATION POLYMER CHEMISTRY ...Irradiation; Plastics; Radiation; ...5.0555

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Digestive System - Human; Freezing; Muridae; Photochemical Reactions; Radiation; Radiation Effects - Biological; Urine; ...5.0573

CHEMICAL DOSIMETRY ...Detectors and Sensors; Instrumentation; Microwave and Radiofrequency; Radiolysis; ...5.0584

Ponds

EUTROPHICATION OF PONDS IN SOME NEW MEXICO LAVA BEDS ...Eutrophication; New Mexico; Petrology; Plant Productivity -general; Primary Productivity - Plants; ...2.0059

STUDIES ON INORGANIC NUTRIENT ASSIMILATION RATES IN ESTUARINE PONDS ...Estuaries; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds; Nutrients; Phosphorus and Phosphorus Cpds; ...2.0212

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Algae -nonspecific; Aquatic Soils; Ecological Effects; Eutrophication; Hydrocharitaceae; Phytoplankton; Plant Succession; Potamogetonaceae; ...2.0266

SEDIMENT MINERALOGY ...Adsorption Capacity; Animal Productivity; Contamination - Water; Environmental Ecology; Marine Biology - General; Mineralogy; Vertical Distribution; Zinc; ...2.0284

ENVIRONMENTAL INVENTORY, AQUATIC AND TERRESTRIAL, BELEWS CREEK-BELEWS LAKE, N.C. ...Aquatic Ecology - Animal; Chemical Water Properties; Electric Power Plants; Nutrient Studies -animal; Power Reservoirs; Pre-impoundment Sites; Water Standards & Baselines; ...2.0286

A STUDY OF SUSPECTED LEAD POISONING OF SWANS AND GEESE ...Animal Pharmacology; Aquatic Soils; Bird Studies - general; Food Supply; Pathology; Rhode Island; ...2.0358

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Agricultural Runoff; Farm Pond; Great Plains Province; Precipitation; Precipitation Gages; Sediment Yield; Soil Texture; Survey Studies (water); ...2.0360

TECHNOLOGICAL ASSESSMENT OF REMOTE SENSING ...Aircraft Remote Sensing; Chemical Water Properties; Estuaries; Management (water); Water Pollutant Identification; ...2.0433

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Algae -nonspecific; Bioassays; Chemical Analysis (water); Eutrophication; Fertilizers -aquatic; Nutrients; Water Pollutant Identification; ...2.0636

ANALYSIS OF MOUND GEOMETRY UNDER A RECHARGE BASIN ...Aquifers; Artificial Recharge; Groundwater Recharge-see Rechg; Rain Amount; Water Table; ...2.0974

DENITRIFICATION AS A PATHWAY FOR NITRATE REMOVAL IN RIVERS AND PONDS ...Carbon; Denitrification; Organic Water Properties; Population Dynamics -general; Temperature; Water Properties -general; ...2.1016

NUTRIENT ASSIMILATION RATES - FIELD STUDIES ...Channels; Estuaries; Nitrogen and Nitrogen Cpds; Nutrients; Phosphorus and Phosphorus Cpds; ...2.1052

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity; Cellular Catabolism-see Degrad; Estuaries; Microorganisms -nonspecific; Plankton; Plant Productivity -general; Primary Productivity - Plants; Water Pollution Sources; ...2.1069

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acid Mine Drainage; Acidity (water); Algal Physiology; Alkalinity (water); Mine Drainage Control; Oxygen Content (water); Plant Freshwater Ecology; Rehabilitation -streams -lakes; Waste Water Treatment -general; ...2.1079

EFFECT OF GEOGRAPHICAL LOCATION ON COOLING POND REQUIREMENTS AND PERFORMANCE ...Electric Power Plants; Energy Conversion; Handbooks; Thermal Pollution; Water Pollution Abatement; ...2.1103

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth; Water Levels; ...2.1272

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Glaciology; Groundwater; Lysimeters; Soil Moisture; Soil Types -also See Specifics; Till; Water Pollutants - Path of; ...2.1285

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation; Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Atomic Absorption; Lead; Mineralogy; Ore Deposits; Pond; Precipitation; Waste Water Treatment -general; X-ray Spectroscopy; ...2.1322

BRINE DISPOSAL DESIGN METHODOLOGY FOR ADVANCED WASTE TREATMENT ...Brines; Evaporation; Sewage Lagoons; Waste Disposal-see Solid Waste; Waste Water Treatment - general; ...2.1341

DEVELOPMENT OF SYSTEMS FOR GROUND WATER RECHARGE INTO THE OGALLALA FORMATION ...Agricultural Runoff; Filtration; Playas; Specific Rock Unit; Texas; ...2.1430

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Environmental Ecology; Insects - Beneficial; Lumbering -general; Range Or Territorial Distr; Temperature (water); ...2.1543

CONTROLLED TEMPERATURE REGIMES IN OUTDOOR EXPERIMENTAL PONDS ...Aquatic Ecology - Animal; Energy Conversion; Heat Flow (water); Minnesota; Temperature (water); ...2.1609

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae; Eutrophication; Fertilizers -aquatic; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Potamogetonaceae; ...2.1650

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Temperature (water); ...2.1661

PARASITES OF FRESH-WATER FISHES IN NORTH CAROLINA ...Animal Life History Studies; Annelida; Copepoda; Lakes; Nets; Temperature (water); ...2.1663

EVALUATE PERFORMANCE OF POULTRY AS AFFECTED BY WATER QUALITY ...Biological Effects; Chlorine; Filtration; Nutrition; Water Utilization -animal; West Virginia; ...2.1774

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

TREATMENT OF TAILINGS TO ENHANCE PLANT GROWTH AND PROMOTE STABILIZATION OF TAILINGS ...Bibliography; Lead; Mine Wastes; Mining Industry; Soil Amendments; Toxic Minerals; Zinc; ...3.0043

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Aquatic Soils; Dalapon; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Formulation; Pesticide Residues; Typhaceae; ...4.0006

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Pesticides -see Pesticide; Plastics; Silvex; TCA; Xylene; ...4.0017

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules, Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

ESTUARINE ECOSYSTEMS ...Animal Productivity, Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Endrin; Eptam; Filtration; Pesticide Formulation; Pesticide Residues Removal; Rural Areas; ...4.0034

GROSS EFFECTS OF HEXADECANOL AND PLASTIC SHEET BOTTOMS ON AQUATIC LIFE IN PONDS ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Linings - Pavings; Physical Water Properties; Water Quality - general; ...4.0057

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Biological Effects; Chemical Effects; Herbicides and Other Chem; Metabolism of Algacides; Oxygen Content (water); Water Quality -general; ...4.0392

CHEMICAL CONTROL OF WEEDS IN PONDS ...Algacides -nonspecific; Biological Control; Dbee, -2,4-; Fish; Haloragaceae; Paraquat; Pesticide Evaluation; Pesticide in Food Chains; ...4.0529

INFLUENCE OF CHEMICAL PESTICIDES ON FOREST COMMUNITIES ...Birds; Laboratory Animals; Pesticide Application Rates; Pesticide Formulation; ...4.0550

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; Pesticides -nonspecific; Plant Freshwater Ecology; Temperature (water); Water Quality -general; ...4.0716

EFFECTS OF PARATHION AND MALATHION ON WARM-WATER FISH PONDS ...Aquatic Ecology - Animal; Ictalurus Punctatus; Malathion; Pesticide Action on Animals; Pesticides - see Pesticide; Temperature (water); ...4.0717

POND ECOLOGY AND PRODUCTION AS AFFECTED BY SIMAZINE ...Animal Productivity; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticide Aquatic Cycling; Simazine; ...4.0720

MULTIPLE EXPOSURES OF ABATE TO BLUEGILL, LEPOMIS MACROCHIRUS, AND INVERTEBRATES IN WARM-WATER PONDS ...Abate; Contamination - Water; Invertebrates -nonspecific, Pesticide Action on Animals; Temperature (water); ...4.0741

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection, Chemical Analysis; D, 2,4-; Diazinon; Gas Chromatography; Malathion; Methoxychlor; Thin Layer Chromatography; ...4.1061

ENVIRONMENTAL RADIATION STUDIES - EVALUATION OF NUTRIENT AND FISSION PRODUCT DISTRIBUTION AND MOVEMENT IN TERRESTRIAL ENVIRONMENTS ...Radioactive Contamination; Radioecology - Plants; Radioisotopes -nonspecific; Soil Chemical Properties; ...5.0076

EFFECTS OF RADIATION ON MIGRATORY ORIENTATION OF SALAMANDERS ...Amphibians; Animal Behavioral Ecology; Animal Productivity; Radiation Resistance -animals; ...5.0603

Porosity

NEW INORGANIC MATERIALS FOR SULFUR OXIDE REMOVAL ...Adsorption; Air Pollution-chemistry; Sulfur Dioxide Removal; ...1.0568

INTERACTION OF FLUE GASES WITH CARBON SURFACES ...Air Pollution-chemistry; Catalysis, Heterogeneous; Combustion; Impurity; Oxidation; Reduction Reactions; Sulfur Dioxide Removal; ...1.0642

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Diffusion; Groundwater Movement; Organic Matter; Oxidation; Polarography, Septic Tanks; Soil Chemical Properties; Soil Moisture; ...2.0989

SORPTION BEHAVIOR OF ORGANIC PYROPOLYMERS IN AQUEOUS SOLUTION ...Adsorption; Organics; Pesticides; Tertiary Treatment; Thermal Treatment; Waste Water Treatment - general; ...2.1215

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES ...Anthracite; Contamination; Industrial Wastes; Infiltration; Leaching; Mine Wastes; Percolation (water); Site -see Waste Disposal; ...3.0032

APPLICATION OF HYPERFILTRATION WITH DYNAMICALLY-FORMED MEMBRANES TO TREATMENT OF MUNICIPAL SEWAGE EFFLUENTS ...Activated Sludge; Effluent-standards; Electrochemistry, Membranes; Sewage; Tertiary Treatment; ...3.0319

Potable Water

SALINE WATER POLLUTION OF POTABLE WATER SUPPLIES THROUGH DEEP ARTESIAN WELLS ...Aquifers; Environmental Changes; Groundwater; Mans Pollutional Activities; Saline Water Intrusion; Water Wells; ...2.0107

FATE OF AQUATIC HERBICIDES IN THE AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; Endothall; Pesticide Action on Animals, Pesticide Aquatic Cycling; Pesticide Residues; Water Pollutants - Path of; ...2.0127

EFFECT OF NITRATE AND NITRITE IN THE DRINKING WATER ON PERFORMANCE OF MARKET TURKEYS ...Contamination - Water; Melliagris; Mineralization; Nutrition; Water Supply -general; Water Utilization -animal; ...2.0156

THRESHOLD ODOR DETERMINATIONS OF WATER SAMPLES FROM THE LOWER MISSISSIPPI RIVER ...Chemical Analysis (water); Chemical Water Properties; Mathematical Models; Mis-

sissippi River; Taste & Odor of Water; Water Pollutant Identification; Water Quality -general; ...2.0163

TASTES AND ODORS IN WATER SUPPLIES ...Actinomycetes - nonspecific; Algal Pollutant Sources; Nitrogen and Nitrogen Cpds.; Taste & Odor of Water; Water Pollution -see Specifics; Water Quality -general; ...2.0486

DEVELOPMENT OF INSTRUMENTAL TECHNIQUES FOR THE ANALYSIS OF TRACE ORGANIC CONSTITUENTS IN WATER ...Chromatography; Gas Chromatography; Odor; Trace Analysis; ...2.0525

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Gas Chromatography; Mass Spectroscopy; Taste & Odor of Water; Water Pollution Sources; ...2.0526

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection; Chemical Water Properties; Electrochemistry; Lead; Physical Water Properties; Trace Elements; Water Distribution Systems; Water Quality -general; Zinc; ...2.0623

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

TOXICOLOGICAL INVESTIGATIONS OF ORGANICS FOUND IN WATER SUPPLIES ...Food Contamination; Mammals -nonspecific; Organic Matter; Water Pollution -see Specifics; ...2.0717

QUANTITATIVE RECOVERY OF PSEUDOMONAS AERUGINOSA FROM POTABLE AND RECREATIONAL WATERS ...Bacterial Pollutant Sources; Bacterial Population Surveys; Estuaries; Pseudomonas Aeruginosa; Recreation; Water Resources; Water Pollutant Identification; ...2.0784

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN DRINKING WATER ...Food Contamination; Muridae; New England Province; Viral Pollutant Sources; Water Pollution -see Specifics; Water Supply -general; ...2.0787

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Analysis and Detection; Fuels; Lakes; Lead; Mineralization; Recreation; Water Resources; Types of Resources; Water Pollutant Identification; ...2.0807

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Adsorption; Electrochemistry; Filtration; Pilot Plants; Precipitation; Safety - Recreation; Viruses - Animal; Water Pollution -see Specifics; ...2.0836

BACKFLOW PREVENTION DEVICES FOR POTABLE WATER SYSTEMS AT NAVAL SHORE FACILITIES ...Military Sciences; Water Quality Control -general; Water Utilization -domestic; ...2.0880

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Flood Irrigation; Groundwater; Recreation; Water Resources; Septic Tanks; Sewage - Domestic; Water Wells; ...2.0883

WATER POLLUTION CONTROL BY THE SECLAR METHOD ...France; Water Quality Control -general; ...2.0885

IMPROVEMENT OF ANALYTIC AND FEEDING METHODS FOR FLUORIDES ...Fluoridation; Fluorine; Rural Areas; ...2.0902

STUDY ON FLUORIDE CONCENTRATIONS IN TOOTH ENAMEL ...Aluminum; Fluoridation; Fluorine; Public Water Supply Reservoirs; Trace Elements; Zinc; ...2.0907

EFFECTS OF INTERACTIONS OF CHEMICALS FOR WATER TREATMENT ...Bacterial Pollutant Sources; Chemical Water Properties; Chlorine; Organic Water Properties; Turbidity (water); ...2.0908

BASIC SALINOGEN ION EXCHANGE RESINS FOR SELECTIVE NITRATE REMOVAL FROM POTABLE AND EFFLUENT WATER ...Effluents - Waste Water; Ion Exchange; Waste Treatment; ...2.0911

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics, Materials, Composite; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

MASS TRANSFER ANALYSIS IN REVERSE OSMOSIS OPERATION ...Process Design; Reverse Osmosis; ...2.0923

EVALUATION OF FIELD WATER PURIFICATION SYSTEMS ...Chemical Treatment (water); Field Water Purification; ...2.0925

BEHAVIOR AND CONTROL OF CONTAMINANTS IN SURFACE WATERS ...Destratification; Public Utilities; Reservoirs and Impoundments; Thermal Pollution; Water Pollutant Identification; Water Resources Protection; ...2.0928

STUDIES CONCERNING THE EFFECTIVENESS, STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Biochemical Analysis - Tissues; Disinfectants & Antiseptics Ns; Field Water Purification; Pesticide Evaluation; Sanitation; Viral Pollutant Sources; ...2.0929

BIBLIOGRAPHY ON FLUORIDATION OF PUBLIC WATER SUPPLIES ...Abstracts; Bibliography; Environmental Effects - Human; Fluoridation; Fluorine; Literature Search; ...2.0932

FACTORS AFFECTING MINE DRAINAGE AND THE GROUND WATER INTERACTIONS IN SELECTED AREAS OF WESTERN PENNSYLVANIA (PART 2) ...Acid Mine Drainage; Aquifers; Chemical Analysis (water); Groundwater; Groundwater Movement; Pennsylvania; Strip Mines; ...2.0938

DIRECT METHODS FOR THE ENUMERATION OF SALMONELLA IN WATER ...Bacterial Pollutant Sources; Marine Biology - General; Recreation; Water Resources; Swimming; Water Pollution -see Specifics; ...2.0940

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chlorination; Chlorine; Disinfection; Feces; Viral Pollutant Sources; Viruses - Animal; Water Supply -general; ...2.0942

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis; Management (water); Multiple Purpose Reservoirs; Regional Economics; Social Aspects; Waste Water Treatment -general; Water Resources Planning; ...2.0967

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

EPIDEMIOLOGICAL STUDY OF CORRELATION OF WATER QUALITY AND DISEASE ...Food Contamination; Water Pollution -see Specifics; Water Standards & Baselines; ...2.1075

ENTERIC VIRUS SURVIVAL IN AQUEOUS ENVIRONMENTS ...Estuaries; Food Contamination; Recreation; Water Resources; Safety - Recreation; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.1145

IMPROVED EQUIPMENT AND OPERATING METHODS FOR POULTRY PROCESSING TO REDUCE WATER REQUIREMENTS ...Canning Wastes -see Food Proc.; Food Contamination; Food Engineering & Technology; Industrial Wastes; Poultry Industry; Runoff (water); Water Conservation -general; ...2.1231

NUTRIENT REMOVAL IN A WATER TREATMENT PLANT ...Biochemical Oxygen Demand; Coagulation; Flocculation; Nutrients; Sand Filters; ...2.1252

REMOVAL OF PHOSPHATES BY SORPTION ON ACTIVATED ALUMINA ...Adsorption; Alum Waste Water Treatment; Demineralization; Tertiary Treatment; Waste Material Recovery; Water Chemistry; ...2.1326

REUSE OF WATER, DALLAS PROJECT ...Water Pollution Sources; Water Reuse; Water Standards & Baselines; ...2.1362

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Groundwater; Land Use; Percolation (water); Primary Treatment; Secondary Treatment; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1907

LABORATORY SCALE FEASIBILITY STUDY OF USING REVERSE OSMOSIS TO CONCENTRATE PRE-TREATED DOMESTIC SEWAGE ...Activated Sludge; Bench Scale; Disinfection; Potable Water -see Potable; Reverse Osmosis; Sewage - Domestic; Waste Treatment Economics; ...3.0355

Potomac River

HYDROGEOLOGY OF PUBLIC GROUND WATER SUPPLIES IN PENNSYLVANIA ...Chemical Analysis (water); Groundwater; Management (water); Susquehanna River; Water Yield; ...2.0753

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chemical Analysis (water); Chlorination; Chlorine; District of Columbia; Viral Pollutant Sources; Water Pollution -see Specifics; ...2.0941

POTOMAC RIVER BASIN PROJECT ...Alluvium - Alluvial; Drilling and Coring; Groundwater; Mapping; River Basins; Water Table; ...2.1117

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Effluents - Waste

Water; Industrial Wastes; Management (water); Systems Analysis - Water Mgmt; Water Costs; Water Quality Control -general; ...2.1905

Potted Plants -see Ornamentals

EVALUATION OF LOW VOLUME CONCENTRATE FORMULATIONS OF INSECTICIDES FOR CONTROL OF COTTON INSECTS ...Bioassay ; Chromatography; Liquids Or Sprays; Pesticide Application Equip.; Pesticide Evaluation; ...4.0045

BIOLOGY AND CONTROL OF INSECT AND OTHER PESTS OF CUT FLOWERS ...Acaricides -nonspecific; Azodrin; Chrysanthemum; Fungicides -nonspecific; Methomyl; Pesticide Phytotoxicity; ...4.0258

WEED CONTROL IN NURSERY STOCK ...Herbicides -nonspecific; Mulches; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Evaluation; Pesticide Persistance in Soils; ...4.0286

WEED CONTROL IN ORNAMENTAL NURSERY STOCK ...Aquifoliaceae; Ericaceae; Juniperus; Pesticide Action on Plants; Pesticide Phytotoxicity; Simazine; Terbacil; ...4.0761

Poultry Industry

GASES AND PARTICULATES IN POULTRY HOUSES ...Air Pollution -see Specifics; Dust; Gallus Domesticus; Methane; Wind - see Air Motion; ...1.0416

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Delaware; Food Processing Industries; Irrigation; Plant Waste Removal, Treatment; Rain; Vegetables; Water Costs; ...2.1214

IMPROVED EQUIPMENT AND OPERATING METHODS FOR POULTRY PROCESSING TO REDUCE WATER REQUIREMENTS ...Canning Wastes -see Food Proc.; Food Contamination; Food Engineering & Technology; Industrial Wastes; Runoff (water); Water Conservation -general; ...2.1231

LITTERLESS HIGH-DENSITY BROILER PRODUCTION SYSTEM ...Farm Animal Wastes; Gallus Domesticus; Space Requirements; ...3.0158

Power Development

ENVIRONMENTAL EFFECTS OF COASTAL ZONE POWER GENERATION ...Animal Habitat Studies; Consultants; Advisory Services; Energy Conversion; Environmental Ecology; Federal Government; North Carolina; ...2.1664

PROBLEMS RELATED TO THE EFFECTS OF HEATED DISCHARGES FROM THERMAL POWER PLANTS ...Administrative Organizations; Energy Conversion; Generators; Heat Recovery, Industrial; Power Plants -see Specifics; Thermal Pollution; ...2.1740

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Conflicts; Ecological Effects; Electric Power Plants; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...2.1755

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants; Filtration; Model Studies; Power Plants - see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation; Water Resources; Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

INTEGRATED WASTE MANAGEMENT - WATER SYSTEM USING RADIOISOTOPES FOR THERMAL ENERGY ...Biological Waste Recycling; Feces; Isotope Effects; Radioisotopes; Urine; Waste Treatment - Radiation; Water Supply Facilities; ...3.0290

THE FATE OF TRITIUM RELEASED BY NATURAL GAS STIMULATION AND STORAGE EXPERIMENTS USING NUCLEAR DETONATIONS ...Fuels; ...5.0004

THE VALUE OF RADIOPROTECTIVE COMPOUNDS ...Muridae; Nuclear Radiation; Radiation; Radiation Effects - Man; Radiation Injury Prevention; X and Gamma Rays; ...5.0965

Power Plants -see Specifics

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Coal Research; Energy Conversion; Heating Units; Noise -see Noise; Sulfur Dioxide Removal; Tracers; Wind Tunnels; ...1.0031

KINETICS OF NO AND CO FORMATION IN COMBUSTION GASES ...Air Pollution-chemistry; Cars; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Turbines; ...1.0060

COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Air Pollution-chemistry; Boilers; Coal Research; Combustion; Energy Conversion; Lignite; Pilot Plants; ...1.0117

TVA PLUME STUDIES ...Air Pollution-chemistry; Combustion; Furnace and Incinerator Design; Particulates - Air Pollution; Power Plants; ...1.0141

PENNSYLVANIA POWER PLANT STUDY ...Air Pollution-chemistry; Farm Pond; Industrial Pollution -general; Lead; Pinus Strobus; Sulfur Dioxide; Wind -see Air Motion; ...1.0407

PRIVATELY OWNED POWER PLANTS - FEDERAL CONTRACTS ...Air Pollution-chemistry; General Information Services; Power Plants; ...1.0500

CONTROL OF CO AND HC EMISSIONS FROM LIGHT AIRCRAFT AND OTHER NON-REGULATED MOBILE SOURCES ...Air Cleaning Devices; Engines; ...1.0572

DEVELOPMENT OF IMPROVED NOX CONTROL FOR DIESEL ENGINES ...Air Cleaning Devices; Diesel; Engine; Engines; Spark Ignition; ...1.0573

PILOT PLANT STUDY OF AMMONIA SCRUBBING OF POWER PLANT STACK GASES ...Chemical Mechanisms & Kinetics; Combustion; Furnace and Incinerator Design; Pilot Plants; Scrubbers; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0647

START OF FIELD STUDY OF IR EMISSION SPECTRA FROM SO2 IN POWER PLANT PLUMES ...Air Pollution-chemistry; Exhaust; Combustion -see Auto; Gases; Infrared Spectroscopy; ...1.0752

DEVELOPMENT OF HEAVY HYDROCARBON ANALYZER AND EVALUATION OF CONTINUOUS OXIDES OF NITROGEN ANALYZER FOR ADVANCED POWER PLANT STUDIES ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0778

INTEGRATED URBAN UTILITY SYSTEMS ...Energy Conversion; Public Utilities; Technology - Social Impact; Urban Research; Water Supply -general; ...2.0428

A UNIFIED APPROACH TO WATER, FOOD AND POWER IN A COASTAL DESERT COMMUNITY ...Arid and Desert Regions; Auto Exhaust -see Air Poll.; Desalination; Electric Power Plants; Humidity; Mexico; Temperature - Air; ...2.1157

ENVIRONMENTAL QUALITY STUDY PROJECT - THERMAL DISCHARGES AND EFFECTS STUDIES ...Electric Power Plants; Inlets, Outlets, Thermal Pollution; Water Resources Planning; ...2.1723

PROBLEMS RELATED TO THE EFFECTS OF HEATED DISCHARGES FROM THERMAL POWER PLANTS ...Administrative Organizations; Energy Conversion; Generators; Heat Recovery, Industrial; Thermal Pollution; ...2.1740

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants; Filtration; Model Studies; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

ANALYSIS OF ENGINEERING ALTERNATIVES FOR ENVIRONMENTAL PROTECTION FROM THERMAL DISCHARGES ...Ecological Effects; Electric Power Plants; Energy Conversion; Social Aspects; Thermal Pollution; Water Resources Planning; ...2.1927

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Generators; Harbors; Legal Studies; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

REACTOR SITE INVESTIGATIONS ...Foundations; Geology - general; Nuclear Power; Nuclear Reactors; Seismology; Structure Sites; ...5.0029

Pre-impoundment Sites

ENVIRONMENTAL INVENTORY, AQUATIC AND TERRESTRIAL, BELEWS CREEK-BELEWS LAKE, N.C. ...Aquatic Ecology - Animal; Chemical Water Properties, Electric Power Plants;

Nutrient Studies -animal; Ponds; Power Reservoirs; Water Standards & Baselines; ...2.0286

PREIMPOUNDMENT STUDY OF WATER QUALITY, SAYLORVILLE RESERVOIR DES MOINES RIVER, IOWA ...Data Networks; Iowa; Recreation, Water Resources; Types of Resources; Water Properties -general; Water Standards & Baselines; ...2.0585

EFFECT OF IMPOUNDMENTS ON WATER QUALITY ...Algal Pollutant Sources; Data Reduction and Analysis; Nutrients; Reservoirs and Impoundments, Water Quality -general, ...2.0735

A PRE-IMPOUNDMENT ECOLOGICAL STUDY OF THE BOTTOM FAUNA AND WATER QUALITY IN THE NORTH ANNA RIVER ...Atomic Plants; Chemical Analysis (water); Contamination - Water; Environmental Ecology; Management (water); Thermal Pollution; Water Standards & Baselines; ...2.0834

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Arkansas; Copepoda; Environmental Ecology; Micropterus Dolomieui; Pathology; Recreation, Outdoor; Water Depth; Water Levels; ...2.1481

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish, Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF MOSES LAKE ...Animal Habitat Studies; Censusing; Data Reduction and Analysis; Lakes; Sediments; Texas; ...2.1727

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Aquatic Ecology - Animal; Chemical Water Properties; Economic Impact; Kentucky; Plant Freshwater Ecology; Regional Economics; Social Aspects; Water Quality -general; ...2.1835

Precipitation

URBAN CLIMATOLOGY ...Climatography, Microclimates; Minnesota; Precipitation Amount; Rain; Temperature; Urban Research -general; Weather Data; ...1.0067

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Chemical Composition; Core Analysis; Energy Conversion; Glaciology; Ion Exchange; Particulates - Air Pollution; Technology - Social Impact; ...1.0073

FALLOUT PHENOMENOLOGY ...Atmospheric Dynamics; Fall-out -see Radioactive; Heat Balance - Budget; Mesometeorology; Nuclear Detonations; Radioactive Fallout; Tracers; Wind; ...1.0158

ENTHALPIMETRIC ANALYSIS ...Air Pollution-chemistry; Catalysis, Homogeneous; Chemical Mechanisms & Kinetics; Functions and Properties; Substitution; ...1.0639

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0837

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

CHEMISTRY OF ATMOSPHERIC PRECIPITATION ...Chemical Analysis -general; Chemical Water Properties; New York; North Carolina; Virgin Islands; ...2.0092

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology; Benthic Organisms -nonspecific; Coliforms -nonspecific; Fish Food Organisms; Nutrients; Plankton; Survey Studies (water); Water Properties -general; ...2.0158

ANALYZE PRECIPITATION SAMPLES FOR SELECTED COMPONENTS ...Air Pollution Sampling; Air Pollution-chemistry; Atmospheric Dynamics; Chemical Analysis -general; ...2.0289

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

POLLUTION POTENTIAL OF RUNOFF FROM LIVESTOCK FEEDING OPERATIONS ...Agricultural Runoff; Biochemical Oxygen Demand; Chemical Oxygen Demand; Coliforms -nonspecific; Livestock -nonspecific; South Dakota; ...2.0361

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Agricultural Runoff; Farm Pond; Great Plains Province; Precipitation Gages; Sediment Yield; Soil Texture; Survey Studies (water); ...2.0366

IN-CLOUD SCAVENGING ...Adsorption Capacity; Atmospheric Dynamics; Cloud Motions - Movement; Model Studies; Radioactive Fallout; Tracers; Wind; ...2.0417

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

A STUDY OF THE NUTRIENT INPUTS INTO CAYUGA LAKE AND SENECA LAKE ...Chemical Analysis (water); Lakes; New York; Nutrients; Watersheds; ...2.0690

OPERATE A NETWORK FOR THE COLLECTION OF PRECIPITATION ...Atmospheric Dynamics; Automatic Weather Stations; Precipitation Instruments; Soil Chemical Properties; ...2.0708

PREDICTION OF WATER QUALITY CHANGE IN A STREAM DUE TO HIGHWAY CONSTRUCTION ON THE DRAINAGE BASIN ...Construction Sites; Forecasting - Prediction; Highway Sites -see Roads; Soil Moisture; Water Quality -general; ...2.0754

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl. Adsorption); Arsenic; Chemical Properties; Contamination - Soil; Industrial Wastes; Particulates - Air Pollution; Soil Chemical Properties; Water Pollutants - Path of; ...2.0862

CHEMISTRY OF HYDROSOLIC METALS IN NATURAL WATER ...Aeration (water); Demineralization; Geochemical Analysis (water); Oxidation; Water Chemistry; Water Supply - general; ...2.0968

RESEARCH INTO THE ECOLOGICAL ASPECTS OF PRECIPITATION MANAGEMENT ...Clouds - Precipitation; Colorado; ...2.0980

COAL STRIP MINE WATERSHED DEMONSTRATION--JACKSON COUNTY, ALABAMA ...Alabama; Coal; Strip Mines; Water Pollution Effects; Water Quality -general; ...2.1715

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

REMOVAL OF PHOSPHATE FROM WATER BY ALUMINUM AND IRON ...Adsorption; Chemical Treatment (water); Coagulation; Diffraction; Sewage; Water Chemistry; Water Pollution Sources; ...3.0218

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Sewage; Soil Depth; Soil Moisture; Soil Structure -other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Cdau; Glycine; Nitrification; Pesticides Compatibil.; Rhizosphere; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

Precipitation

VARIATION IN THE ISOTOPIC CONTENT OF PRECIPITATION WITH ALTITUDE ...Chile; Radioactivity; ...5.0018

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - III. TREATMENT OF SOILS CONTAMINATED WITH RADIOACTIVE STRONTIUM ...Leaching; Radioactive Fallout; Radioisotopes; ...5.0042

PRECIPITATION, AIR TEMPERATURES, SOIL MOISTURE, & GAMMA RADIATION, IN 68 MOJAVE & GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, 1962-70 (ABBREV) ...Air Pollution Sampling; Nevada; Population Dynamics -general; Precipitation Amount; Radioactive Pollution -ns; Soil Moisture; Temperature; ...5.0787

MEASUREMENTS OF NATURAL RADIOCARBON AND TRITIUM ...Carbon - 14 Dating; Dendrochronology; Marine Environments; Radioactivity, Natural. Sea Water Mass & Ocean Fronts; ...5.0790

Dew

LOSS OF ORGANIC AND INORGANIC MATERIALS FROM ABOVE-GROUND PLANT PARTS BY LEACHING ...Absorption (incl. Adsorption); Aging; Fog, Haze, Mist; Nitrogen Metabolism; Radioactive Fallout-cf Fallout; Rain; Translocation; ...2.0268

INSECTICIDAL CONTROL OF VEGETABLE INSECTS ...Adjuvants; Chemical Analysis; Dimethoate; Emulsifiers; Formulations - nonspecific; Lycopersicum; Methyl Parathion; Pesticide Evaluation; Pesticide Phytotoxicity; Pinolene; Sevin; Thiodan; ...4.0219

Hail and Sleet

Hail & Sleet Modification

THERMAL MODIFICATION ...Aerosols; Cirrus; Great Lakes -see Specific Lake; Heat Balance - Budget, Humidity - Water Vapor; New York; Solar Radiation -sunshine; Temperature; Weather Modification; ...1.0024

EFFECT OF ATMOSPHERIC POLLUTION ON PRECIPITATION ...Air Pollution; Atmospheric Dynamics; Precipitation Amount; Rain Modification; Thunderstorms; Urban Research -general; 1.0346

Precipitation Amount

URBAN CLIMATOLOGY ...Climatography; Microclimates; Minnesota; Rain; Temperature; Urban Research -general; Weather Data; ...1.0067

EFFECT OF ATMOSPHERIC POLLUTION ON PRECIPITATION ...Air Pollution; Atmospheric Dynamics; Hail & Sleet Modification; Rain Modification; Thunderstorms; Urban Research - general; ...1.0346

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Agricultural Runoff; Farm Pond; Great Plains Province; Precipitation; Precipitation Gages; Sediment Yield; Soil Texture; Survey Studies (water); ...2.0366

PRECIPITATION, AIR TEMPERATURES, SOIL MOISTURE, & GAMMA RADIATION, IN 68 MOJAVE & GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, 1962-70 (ABBREV) ...Air Pollution Sampling; Nevada; Population Dynamics -general; Radioactive Pollution -ns; Soil Moisture; Temperature; ...5.0787

Precipitation Forecasting

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion, Model Studies; Nevada; Radioactive Fallout; Seismology; Weather Forecasting; ...1.0021

Precipitation Modification

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

INADVERTENT WEATHER MODIFICATION BY URBAN POLLUTION ...Aerosols; Air Pollution Effects; Cloud Structure; Mathematical Models; ...1.0438

Precipitation Patterns

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution; Circulation - Patterns; Forecasting - Prediction; Mesometeorology; Prediction; Statistics; Urban Environment; Weather Modification; ...1.0022

URBAN CLIMATOLOGY ...Climatography; Microclimates; Minnesota; Precipitation Amount; Rain; Temperature; Urban Research -general; Weather Data; ...1.0067

URBAN AIR POLLUTION AND CLIMATIC CHANGE ...Aerosols; Climatology; Particulates - Air Pollution; Urban Environment; Weather Modification; ...1.0072

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

CLIMATOLOGICAL ASSESSMENT OF URBAN EFFECTS ON PRECIPITATION ...Atmospheric Dynamics; Climatology; Clouds - - Precipitation; Urban Research -general; ...1.0347

Rain

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Nuclear Detonations; Radioactive Fallout; Radiotracers -see Tracers, Snow; Troposphere; ...1.0002

AIR-SPORA IN HAWAII ...Air Pollution -see Specifics; Atmospheric Dynamics; Fungi -nonspecific; Humidity - Water Vapor; Organic Compounds; Plant Pathogenetic Fungi; Pollens -see Air Pollution; Tropical Regions; Wind; ...1.0045

URBAN CLIMATOLOGY ...Climatography; Microclimates; Minnesota; Precipitation Amount; Temperature; Urban Research - general; Weather Data; ...1.0067

STRUCTURES AND EQUIPMENT TO MINIMIZE STRESS ON BEEF CATTLE ...Air Pollution -see Specifics; Dust; Excessive Moisture; Farm Structures & Design; Wind -see Air Motion; ...1.0309

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

COLLISIONS IN WASHOUT ...Atmospheric Dynamics; Charge on Droplets; Laboratory Photography; Rain Structure - Size; ...2.0035

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration, Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality - general; Water Table - Depth of; ...2.0096

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Aluminum; Chlorine; Fluorine; Iodine; Precipitation Gages; Zinc; ...2.0097

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Forest Watersheds; Hydrographs; Piedmont Province; Rainfall - Runoff Relationship; Slope; Soil Density; Soil Moisture; Water Table; ...2.0113

ATMOSPHERIC CHEMISTRY ...Activation Analysis; Air Pollution Sampling; Atmospheric Dynamics; Illinois; Precipitation Instruments; Snow; ...2.0122

SCAVENGING STUDY OF SNOW AND ICE CRYSTALS ...Atmospheric Dynamics; Charge on Droplets; Electrical Phenomena; Fallout -see Radioactive; Nucleation Physics; Rain Structure - Size; Snow Structure; ...2.0124

ROLE OF FERTILIZERS IN WATER POLLUTION ...Agricultural Runoff; Drainage; Fertilizers, Leaching; Tillage, Cropping Systems; Water Table - Depth of; ...2.0134

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles; Infiltration; Pesticides -see Pesticide; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types -also See Specifics; Tillage, Cropping Systems; ...2.0147

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Erosion; Forecasting - Prediction; Leaching; Model Studies; Nitrogen and Nitrogen Cpds.; Soil Moisture; Temperature - Air; ...2.0250

LOSS OF ORGANIC AND INORGANIC MATERIALS FROM ABOVE-GROUND PLANT PARTS BY LEACHING ...Absorption (incl. Adsorption); Aging; Dew; Fog, Haze, Mist; Nitrogen Metabolism; Radioactive Fallout-cf Fallout; Translocation; ...2.0268

STRONTIUM-90 FALLOUT OVER THE OCEAN ...Atlantic Ocean; Marine Environments; Ocean Circulation -general; Ocean

Mixing; Precipitation Gages; Radioactivity; Sea Water Sampling; ...2.0270

STRIP-MINING AND WATER QUALITY ...Chemical Analysis (water); Mine Wastes; Ohio; Spoil Banks; Strip Mines; Water Quality -general; ...2.0304

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0308

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply -general; ...2.0322

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond, Management (water); Northeast U. S.; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality -general; ...2.0349

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Water Pollutants - Path of; Water Resources Planning; ...2.0374

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Air Pollution -see Specifics; Atomic Absorption; Chlorine; Electrochemistry; Fluorine; Iodine; ...2.0544

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Drainage Systems; Flood Control Planning; Floods; Michigan; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0626

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Oklahoma; Remote Sensing; Soil Moisture; Soil Thermal Properties; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

TERRESTRIAL ECOLOGY ...Cesium; Plant Food Chains; Radioisotopes -nonspecific; Rain Forests; Soil Chemical Properties; ...2.0768

GEOCHEMISTRY OF WATERS OF THE HOG CREEK BASIN - HAMILTON, CORYELL, AND BOSQUE COUNTIES, TEXAS ...Agricultural Runoff; Animal Pollutant Sources; Chemical Water Properties; Geology -general; Plant Pollutants; Soil Fertility; Texas; ...2.0826

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Delaware; Food Processing Industries; Irrigation; Plant Waste Removal, Treatment; Vegetables; Water Costs; ...2.1214

DEMONSTRATION PROJECT OF BIOLOGICAL ADSORPTION OF POLLUTANTS FROM COMBINED STORM WATER RUNOFF AND SANITARY SEWAGE ...Activated Sludge; Digestion; Disinfection; Sewer Systems; ...2.1456

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources; Chemical Water Properties; Forecasting - Prediction; Mathematical Models; Planning; Runoff (water); Soil Types -also See Specifics; Water Quality Control -general; ...2.1711

WATER RESERVOIR SYSTEMS ...Atmosphere Disturbance; Flood-flow Design; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Storage; ...2.1786

LAKE MICHIGAN WATER QUALITY MODEL ...Chemical Water Properties; Management (water); Mineralogical Water Properties; Water Quality -general; ...2.1825

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots; Contamination - Soil; Cynodon; Farm Animal Wastes; Fertilizer Toxicity; Groundwater; Soil Chemical Properties; Waste Disposal on Soils; ...3.0005

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Flume Studies, Irrigation; Planting Methods, Rock - Soil Pollution; Soil Chemical Properties; Soil Profile; Waste Disposal on Soils; ...3.0008

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange; Maps -general; Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Sus; Wind -see Air Motion; ...3.0069

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Chlorination; Combustible Filters; Filters-filtration; Massachusetts; Pumps; Sewage Bacteria; Storm Sewer Quantity; Waste Treatment Economics; ...3.0169

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT; Northeast U. S.; Pesticide Residues; Preventative Measures; Sediments; Water Pollutant Identification; Water Quality Control - general; Water Wells; ...4.0037

EQUIPMENT AND PROCEDURES FOR CONTROL OF WEEDS AND BRUSH ...D, 2,4-; Granules, Capsules; Irrigation; Pesticide Application Equip.; Pesticide Interaction With Env; Physical Control; Zea Mays - Field Corn; ...4.0050

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Cotoran; Environment Accumulation Rates; Gossypium; Liquids Or Sprays; Pesticide Movement in Soils; Pesticides -see Pesticide; Trifluralin; ...4.0061

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam -see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin, Endrin; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Depth; Trifluralin; ...4.0099

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion, Lindane; Low Temp - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff, Bioassay; Colloids; Pesticide Formulation; Pesticide Persistance in Soils; Pesticide Residues; Plant Tissue Analysis -chem.; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran.; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Soil Depth; Vegetables, ...4.0186

INSECT PESTS OF CUCURBIT CROPS ...Dieldrin; Granules, Capsules; Pesticide Evaluation; Pesticide Phytotoxicity; Temperature - Air; ...4.0307

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Sulfhydryl Compounds; Vegetables; ...4.0309

HERBICIDES FOR VEGETABLES ...Allium; Cucumis Sativus; Fungal Resistance; Pesticide Evaluation; Plant Resistance; Soil Environment -other; Tok; Virus Resistance; ...4.0420

EVALUATING NEW FUNGICIDES ...Capsicum; Disulfoton, Granules, Capsules; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; Vegetables; ...4.0479

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Climates -general; Flood Irrigation; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Residues; Sandy Soils -see Soil Type; Sprinkler Irrigation; Urea Cpds. -nonspecific; ...4.0484

PESTICIDE RESIDUES ON FORAGE RESULTING FROM DRIFT OF DUSTS APPLIED TO ADJACENT ORCHARDS ...Dusts; Humidity; Pesticide Drift; Pesticide Residues; Wind -see Air Motion; ...4.0498

BIOLOGICAL AND INTEGRATED CONTROL OF ARTHROPOD PESTS ...Animal Migration; Biological Control; Herbicides -nonspecific; Insects - Beneficial; Phaseolus; ...4.0605

THE RELATIONSHIP BETWEEN THE USE OF AGRICULTURAL CHLORINATED HYDROCARBONS AND THEIR RESIDUES IN CHANNEL CATFISH ...Chemical Analysis; DDT; Fish; Land Use; Pesticides -see Pesticide; River Basins; ...4.0754

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Aliphatic Carbamates; Chemical Analysis; Disulfoton; Moisture Deficiency; Pesticide in Food Chains; Pesticide Residues; Preventative Measures; Rubus; ...4.1080

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

DETERMINATION OF 18-0/16-0 RATIO IN PRECIPITATIONS (RAIN AND SNOW) ...Radioactivity; Radioisotopes; Snow; ...5.0034

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

Rain Amount

LIMNOLOGICAL EFFECTS OF ORGANIC WATERSHED LITTER ...Drainage; Floods; Organic Matter; Semi - Arid Regions; Southwest U. S.; ...2.0018

EFFECT OF URBANIZATION ON WATER QUALITY ...Acidity (water); Chlorine; Kansas; Rainfall - Runoff Relationship; Urban Environment; Urban Runoff; Water Quality -general; ...2.0155

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0308

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Soil Tillage; Turbidity (water); ...2.0362

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages, Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Water Quality -general; ...2.0385

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control; Flood Routing; Forecasting - Prediction; Land Use; Mathematical Models; Sediment Yield; Texas; ...2.0388

LEAD IN AQUATIC ENVIRONMENTS ...Air Pollution; Estuaries; Industrial Wastes; Lead; Ocean Mixing; Puget Sound; Seasonal Studies; Water Cycle; Water Standards & Baselines; ...2.0425

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Sewer Systems; Soil Tillage; Texas; Urban Research -general; ...2.0811

ANALYSIS OF MOUND GEOMETRY UNDER A RECHARGE BASIN ...Aquifers; Artificial Recharge; Groundwater Recharge-see Rechg; Ponds; Water Table; ...2.0974

PREVENTING LANDFILL LEACHATE CONTAMINATION OF WATER ...Leaching; Linings - Pavings; Sanitary Landfills; Sealants -see Coatings; Temperature; Water Table; ...2.1282

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

Rain Formation

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Precipitation Gages; Radiotracers -see Tracers; Tracers; ...2.0133

Rain Modification

EFFECT OF ATMOSPHERIC POLLUTION ON PRECIPITATION ...Air Pollution; Atmospheric Dynamics; Hail & Sleet Modification; Precipitation Amount; Thunderstorms; Urban Research - general; ...1.0346

Rain Patterns

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0308

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Snow; Turbulence; ...2.0415

Rain Structure - Size

COLLISIONS IN WASHOUT ...Atmospheric Dynamics; Charge on Droplets; Laboratory Photography; Rain; ...2.0035

SCAVENGING STUDY OF SNOW AND ICE CRYSTALS ...Atmospheric Dynamics; Charge on Droplets; Electrical Phenomena; Fallout -see Radioactive; Nucleation Physics; Rain; Snow Structure; ...2.0124

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

Snow

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Nuclear Detonations; Radioactive Fallout; Radiotracers -see Tracers; Troposphere; ...1.0002

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Weather Data; Wind; ...1.0028

PLANT DISEASE SURVEY ...Air Pollution -see Specifics; Corynebacteria -nonspecific; Fruit, Nut, and Berry Crops; Plant Pathogenetic Fungi; Pyrus Malus; Triticum; ...1.0426

ATOMIC ABSORPTION SPECTROSCOPY WITH A HIGH TEMPERATURE FURNACE ...Air Pollution Monitoring; Atomic Absorption; Clouds - Precipitation; Montana; Particulates and Aerosols; ...1.0737

ATMOSPHERIC CHEMISTRY ...Activation Analysis; Air Pollution Sampling; Atmospheric Dynamics; Illinois; Precipitation Instruments; ...2.0122

DDT IN SNOW FALLEN AT HIGH ALTITUDE SINCE 1950 ...Air Pollution; Canada; Chemical Analysis; DDT; Pesticide Aquatic Cycling; Pesticides see Pesticide; Water Pollutants - Path of; ...2.0405

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Turbulence; ...2.0415

FERTILITY OF FOREST NURSERY SOILS ...Aluminum; Cold Resistance; Forest Pathology; Maneb; Pesticide Phytotoxicity; Plant Residues, Humus, Compost; Soil Cover Crops; ...4.0517

DETERMINATION OF 18-O/16-O RATIO IN PRECIPITATIONS (RAIN AND SNOW) ...Radioactivity; Radioisotopes; Rain; ...5.0034

THE RESPONSE OF HIGHER PLANTS TO ULTRAVIOLET LIGHT AND OTHER STRESS FACTORS ...Alpine Regions; Cold Resistance and Hardiness; Light and Sun Resistance; Plants; Radiation Sources -general; Temperature - Air; ...5.0717

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels; Altitude; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

Snow Amount

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

INTERACTIONS BETWEEN THE GREAT LAKES AND THE ATMOSPHERE ...Air - Sea Boundary Studies; Circulation - Patterns; Condensation Physics; Mesometeorology; Model Studies; Snow Modification; ...1.0377

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

Snow Modification

INTERACTIONS BETWEEN THE GREAT LAKES AND THE ATMOSPHERE ...Air - Sea Boundary Studies; Circulation - Patterns; Condensation Physics; Mesometeorology; Model Studies; ...1.0377

Snow Patterns

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Weather Data; Wind; ...1.0028

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

METEOROLOGICAL CONSEQUENCES OF THERMAL POLLUTION ...Atomic Plants; Energy Conversion; Lake Michigan; Solar Radiation -sunshine; Temperature; ...1.0344

Snow Structure

SCAVENGING STUDY OF SNOW AND ICE CRYSTALS ...Atmospheric Dynamics; Charge on Droplets; Electrical Phenomena; Fallout -see Radioactive; Nucleation Physics; Rain; Rain Structure - Size; ...2.0124

Precipitation Instruments

ATMOSPHERIC CHEMISTRY ...Activation Analysis; Air Pollution Sampling; Atmospheric Dynamics; Illinois; Snow; ...2.0122

OPERATE A NETWORK FOR THE COLLECTION OF PRECIPITATION ...Atmospheric Dynamics; Automatic Weather Stations; Precipitation; Soil Chemical Properties; ...2.0708

Precipitation Gages

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Aluminum; Chlorine; Fluorine; Iodine; Rain; Zinc; ...2.0097

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Management (water); Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Urban Environment; Water Balance - Budget; ...2.0108

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Radiotracers -see Tracers; Tracers; ...2.0133

WATER RESOURCES IN SOURDOUGH AND MIDDLE CREEK WATERSHEDS - A COMPARATIVE STUDY OF QUALITY AND HYDROLOGY ...Acidity (water); Erosion; Montana; Sedimentation; Suspension; Water Quality Control -general; Watersheds; ...2.0230

STRONTIUM-90 FALLOUT OVER THE OCEAN ...Atlantic Ocean; Marine Environments; Ocean Circulation -general; Ocean Mixing; Radioactivity; Rain; Sea Water Sampling; ...2.0270

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Agricultural Runoff; Farm Pond; Great Plains Province; Precipitation; Sediment Yield; Soil Texture; Survey Studies (water); ...2.0366

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Water Quality - general; ...2.0385

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Air Pollution -see Specifics; Atomic Absorption; Chlorine; Electrochemistry; Fluorine; Iodine; Rain; ...2.0544

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research - general; ...2.0811

Pressure

HUMAN ADAPTATION OF CARDIO-PULMONARY FUNCTION TO HYPOBARIC, AQUATIC AND INDUSTRIAL ENVIRONMENTS ...Air Pollution -see Specifics; Anoxia and Hypoxia; Environmental Effects - Human; Metabolism & Metab. Diseases; Temperature & Humidity Effects; ...1.0305

A BIOLOGIC INDICATOR FOR AIR POLLUTION ...Air Pollution -see Specifics; Caviidae; Environmental Effects - Human; Occupational Hazards; Rural Areas; ...1.0317

Hydrostatic

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

Pressure -bioeffects

IMPROVED EQUIPMENT AND OPERATING METHODS FOR POULTRY PROCESSING TO REDUCE WATER REQUIREMENTS ...Canning Wastes -see Food Proc.; Food Contamination; Food Engineering & Technology; Industrial Wastes; Poultry Industry; Runoff (water); Water Conservation -general; ...2.1231

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Succession; Radiation Effects -see Rad., Radioactive Contamination; Radioecology - Plants; Soil - Crop Relationships; Soil Environment -other; Translocation; ...5.0422

Price & Value -see Economics

THE IMPACT OF MUNICIPAL SEWERAGE CHARGES ...Costs - see Economics Entries; Economic Impact; Industrial Wastes; Public Utilities; Sewage; Waste Treatment Economics; ...2.1194

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

USER ATTITUDES TOWARD WATER QUALITY AND PRICE ...Attitudes & Attitude Change; Nevada; Social Aspects; Survey Studies (water); Water Costs; Water Quality -general; ...2.1867

Primary Productivity - Plants

A STUDY OF PHYTOPLANKTON DYNAMICS IN LAKE FAYETTEVILLE AS A MEANS OF ASSESSING WATER QUALITY ...Algae -nonspecific; Biological Water Properties; Eutrophication; Lake Stages; Physical Water Properties; ...2.0022

EUTROPHICATION OF PONDS IN SOME NEW MEXICO LAVA BEDS ...Eutrophication; New Mexico; Petrology; Plant Productivity -general; Ponds; ...2.0059

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Animal Productivity; Marine Biology - General; Water Pollution Sources; ...2.0094

PRIMARY PRODUCTION AND DECOMPOSITION IN ESTUARINE WATER ...Algae - Phaeophyta; Algal Physiology; Carbon; Cellular Catabolism-see Degrad; Estuaries; Marine Plants; Organic Properties; ...2.0102

A STUDY OF THE EFFECTS OF ISLAND DEVELOPMENT ON LAKE WATER QUALITY ...Acidity (water); Economics -recreation; Lakes; Nitrogen and Nitrogen Cpds; Plankton; Recreation; Water Resources; Types of Resources; ...2.0115

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination - Water; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Pollution Effects -see Water; Sewage; Water Quality -general; ...2.0119

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; India; Marine Biology - General; Ocean Currents; Radioactivity; Radioecology - Plants; Salinity; Vertebrates Excl Man; Water Pollution Sources; ...2.0136

THE FACTOR CONTROLLING THE DYNAMICS OF NONIONIC SYNTHETIC ORGANIC CHEMICALS IN AQUATIC ENVIRONMENTS ...Adsorption; Aquatic Soils; Lakes; Pesticide Aquatic Cycling; Soil Chemical Properties; Water Chemistry; ...2.0140

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Lime Treatment; Model Studies; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0142

THE RELATIONSHIP BETWEEN ALGAL GROWTH AND THE AVAILABILITY OF CARBON ...Algae -nonspecific; Algal Physiology; Carbon; Environmental Influences; Eutrophication; Water Quality Control -general; ...2.0161

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Cladocera; Eutrophication; New York; Percidae; Plankton Sampling; Zooplankton; ...2.0265

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases; Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Algal Physiology; Estuaries; Eutrophication; Marine Plants; North Carolina; Phosphorus and Phosphorus Cpds; Phytoplankton; Water Pollutant Identification; ...2.0291

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties; Contamination - Water; Environmental Influences; Mineral Nutrition; Nutrient Studies -animal; Photosynthesis; Phytoplankton; Water Standards & Baselines; ...2.0298

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Temperature; Tropical Regions; Turbidity (water); ...2.0315

STUDIES ON EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Chemical Water Properties; Forest Cutting Operations; Forest Watersheds; Optical Properties of Water; Periphyton; Suspension; ...2.0321

THE AUTECOLOGY OF SOME BLUE-GREEN PLANKTON ALGAE ...Algae - Cyanophyta; Algal Physiology; Algal Pollutant Sources; Environmental Influences; Eutrophication; Lower Plants; ...2.0325

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth; Water Levels; ...2.0332

EUROPHICATION - PHYSICAL ECOLOGICAL CONTROL ...Algae -nonspecific; Chemical Water Properties; Cultural Control; Environmental Influences; Eutrophication; Physical Water Properties; Stratification (water); Water Quality Control -general; ...2.0334

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Chlorine; Forecasting - Prediction; Lakes; Mineralogical Water Properties; Reservoirs and Impoundments; Thermal Pollution; Water Pollution Sources; ...2.0359

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Animal Productivity; Chemical Water Properties; Eutrophication; Fish; Nutrients; Phytoplankton; Plant Population Dynamics - gen; Zooplankton; ...2.0363

RADIONUCLIDE UPTAKE BY MARINE ORGANISMS IN ARTIFICIAL POOL AND ELIMINATION OF RADIOACTIVITY ...Adsorption Capacity; Marine Biology - General; Pollution Effects -see Water; Radioactivity; Radioecology - Plants; ...2.0368

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS ...Amphibious Plants; Biological Water Properties; Mineralogical Water Properties; Pesticides -nonspecific; Plant Freshwater Ecology; Radioisotopes; Springs; Washington; ...2.0414

LEAD IN AQUATIC ENVIRONMENTS ...Air Pollution; Estuaries; Industrial Wastes; Lead; Ocean Mixing; Puget Sound; Seasonal Studies; Water Cycle; Water Standards & Baselines; ...2.0425

A SYSTEMS ANALYSIS OF WATER AND NUTRIENT FLOWS IN THE LAKE WINGRA BASIN ...Computer Models; Eutrophication; Mathematical Analysis; Nutrients; Simulation Theory; Systems Analysis; Water Cycle; ...2.0444

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Reservoirs and Impoundments; Trace Elements; Zooplankton; ...2.0477

PROVISIONAL ALGAL ASSAY PROCEDURES ...Algae -nonspecific; Bioassays; Eutrophication; Water Pollutant Identification; ...2.0487

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

PRODUCTIVITY AND MINERAL CYCLING ON NATURAL AND MANIPULATED ECOSYSTEMS ...Analysis of Ecosystems; Forest Watersheds; Nutrients; Plant Succession; Productivity of Terrestrial; ...2.0551

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition; Carbon; Destratification; Forecasting - Prediction; Lakes; Mathematical Models; Rate Meters; ...2.0612

POTENTIAL ALGAL PRODUCTIVITY AS MEASURED BY A TURBIDOSTAT ...Algae -nonspecific; Analysis and Detection; Nutrients; Turbidity (water); ...2.0625

NUTRIENT ENRICHMENT AND EUTROPHICATION OF LAKE MICHIGAN ...Algal Physiology; Eutrophic Lakes; Eutrophication; Mineralogical Water Properties; Phytoplankton; Water Pollution Sources; ...2.0627

ZOOPLANKTON BIOMASS AND INCIPIENT EUTROPHICATION IN LAKE SUPERIOR ...Animal Productivity; Eutrophic Lakes; Eutrophication; Plankton Sampling; Taxonomy -animal; Water Quality -general; ...2.0642

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Chemical Water Properties; Contamination - Water; Environmental Influences; Physical Water Properties; Sediments; Water Pollutants - Path of; ...2.0724

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Carbon; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Sea Water Chemistry; Sea Water Properties; ...2.0742

SENSITIVITY OF BENTHIC MICROFLORA TO POLLUTION GRADIENTS ...Atomic Plants; Carbon; Energy Conversion; Marine Plants; Rhode Island; Water Pollutant Identification; Water Standards & Baselines; ...2.0773

EFFECTS OF INDUSTRIAL EFFLUENTS ON PRIMARY PHYTOPLANKTON INDICATORS ...Diatoms (see Also Algae); Effluents - Waste Water; Ionic Effect; Phytoplankton; Statistics; Tracers; ...2.0802

WATER COLUMN TESTING OF FERTILIZERS ...Chemical Analysis (water); Fish; Lakes; Phytoplankton; Recreation; Water Resources; Warm Temperature -natural; ...2.0832

ORGANIC MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants; Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Biological Water Properties; Contamination - Water; Effluents - Waste Water; Management (water); Physical Water Properties; Reservoirs and Impoundments; Water Pollutants - Path of; Water Quality Control - general; ...2.1008

REVERSAL OF EUTROPHICATION THROUGH ARTIFICIAL AERATION OF LAKES ...Aeration (water); Benthic Fauna; Eutrophic Lakes; Michigan; Phosphorus and Phosphorus Cpds; Vertical Distribution; ...2.1045

PHYTOPLANKTON NUTRITION AND PHOTOSYNTHESIS IN EUTROPHIC LAKES ...Algal Physiology; Eutrophic Lakes; Eutrophication; Monitoring; Phytoplankton; Sewage; ...2.1050

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity; Cellular Catabolism-see Degrad.; Estuaries; Microorganisms -nonspecific; Plankton; Plant Productivity -general; Ponds; Water Pollution Sources; ...2.1069

RESPIRATION OF AQUATIC MACROPHYTES IN EUTROPHIC SYSTEMS ...Algae -nonspecific; Aquatic Plants -nonspecific; Eutrophication; Mineral Nutrition; Oxygen Content (water); Water Purification; ...2.1088

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Tides; ...2.1124

SYSTEM ANALYSIS OF EUTROPHICATION CONTROL BY FLUSHING ...Eutrophic Lakes; Eutrophication; Nutrients; Recreation; Water Resources; Systems Analysis - Water Mgmt; ...2.1128

ECOLOGY AND NITROGEN CYCLE IN A MARINE PLANT COMMUNITY ...Alaska; Bering Sea; Lagoons; Nitrogen Cycle - see Denitrif.; Physiological Effects; Plant Physiological Ecology; ...2.1476

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1575

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Animal Productivity; Benthic Fauna; Diatoms (see Also Algae); Energy Budgets; Fish; Marine Plants; New England Province; Oxygen Content (water); Sewage; ...2.1586

RECOVERY FROM / CID POLLUTION IN FOUR STRIP-MINE LAKES ...Acid Mine Drainage; Animal Productivity; Biological Water Properties; Energy Budgets; Lake Stages; Physical Water Properties; Strip Mines; ...2.1617

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Thermal Pollution; Zooplankton; ...2.1636

RESPONSE OF NATURAL PHYTOPLANKTON POPULATIONS TO THERMAL SHOCK ...Carbon; Electric Power Plants; Environmental Aspects; Induced Temperature; Phytoplankton; Thermal Pollution; ...2.1657

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water); Channels; Contamination - Water; Ecological Effects; Organic Matter; Plant Freshwater Ecology; Sewage Treatment Plant; Thermal Pollution; ...2.1658

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants; Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology; Degradation -see Pesticide Deg; Energy Conversion; Fish; Heat Recovery; Industrial; Induced Temperature; Organic Water Properties; Phytoplankton; ...2.1736

EFFECTS OF POLLUTANTS ON SUBMARINE PLANT SYNECOLOGY ...Aquatic Plants -nonspecific; Contamination - Water; Industrial Wastes; Mineralogical Water Properties; Plant Succession; ...2.1749

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

PHYSIOLOGY AND ECOLOGY OF MARINE DIATOMS ...Biological Effects; Diatoms (see Also Algae); Marine Plants; Phytoplankton; Salinity; Taxonomy -plant; ...2.1767

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Model Studies; Nutrients; Physical Water Properties; Statistics; Washington; Water Purification; ...2.1768

MICRO-ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER ...Acid Mine Drainage; Acidity (water); Forecasting - Prediction; Induced Temperature; Lower Plants; Phytoplankton; Thermal Pollution; ...2.1772

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

THE EFFECT OF PESTICIDES ON PRIMARY PRODUCERS IN A FRESHWATER ECOSYSTEM (ABBREV.) ...Adenosine Triphosphate; Aroclor; Insecticides -nonspecific; Pesticides -see Pesticide; Phytoplankton; Polychlorinated Biphenyl Cpds; ...4.0707

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties; Eastern U. S.; Gramineae; Model

Studies; Phosphorus and Phosphorus Cpds; Radioisotopes; Swamps & Marshes; Water Cycle; ...5.0032

THE ANALYSIS OF NATURAL SYSTEMS ...Absorption (incl. Adsorption); Chlorine; Growth; Mathematical Models; Pesticide in Food Chains; ...5.0082

COLUMBIA RIVER STUDIES, 1970-1971 ...Atomic Plants; Columbia River; Energy Conversion; Ionizing Radiation -see Rad.; Ostreidae (oyster); Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...5.0763

ENVIRONMENTAL BIOLOGY - METABOLISM AND PRODUCTION OF A FOREST ...Carbon; Photosynthesis; Plant Ecology - nonspecific; Plants; Quercus; Radioecology - Plants; X and Gamma Rays; ...5.0900

Probability

Distributions

DEVELOPING TIME-CONCENTRATION MATHEMATICAL MODEL FOR VARIOUS POLLUTANTS ...Atmospheric Dynamics; Mathematical Models; ...1.0107

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

THEORETICAL ASPECTS OF MICRODOSIMETRY ...Cybernetics; Dosimetry; Mathematical Analysis; Models (physical) of Animals; Radiation Penetration; ...5.0869

Random Variables

INTERRELATIONSHIP OF METEOROLOGICAL FACTORS AND THERMAL PLUMES ...Correlation; Forecasting - Prediction; Meteorological Studies; Sensitivity Problems; Thermal Pollution; ...2.0804

Stochastic Processes

HYBRID 14-COMPUTER OPTIMIZATION OF DISTRIBUTED PARAMETER SYSTEMS ...Communication Systems-other; Mathematical Analysis; Prediction; Rapid Transit; Urban Research -general; ...1.0008

STATISTICAL METHODS IN AEROSOL STUDIES ...Aerosols; Air Pollution Analysis; Air Pollution-chemistry; Coalescence; Literature Search; ...1.0878

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

APPLICATION OF STOCHASTIC TECHNIQUES TO WATER QUALITY DATA ANALYSIS ...Data Reduction and Analysis; Mathematical Models; Simulation Theory; Statistical Models; Water Quality -general; ...2.0809

WATER POLLUTION ...Estuaries; Mathematical Models; Stochastic Models; Water Quality -general; ...2.0831

PERFORMANCE OF REGIONALLY RELATED TREATMENT PLANTS ...Effluent-standards; Mathematical Models; Process Design; Sewer Systems; ...2.1821

A STOCHASTIC MODEL FOR POLLUTION IN ESTUARIES ...Estuaries; Management (water); Mathematical Models; Water Quality Control -general; ...2.1925

Markov Chains

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

A STUDY OF PUBLIC ATTITUDES AND MULTIPLE OBJECTIVE DECISION CRITERIA FOR WATER POLLUTION CONTROL PROJECTS ...Attitudes & Attitude Change; Decision Theory; Management; Simulation Theory; Water Pollution Abatement; Water Quality -general; Water Resources Planning; ...2.1818

Process Development

CHEMICAL ASPECTS OF AIR POLLUTION FROM KRAFT PULPING ...Odor; Pulp and Paper Wastes; ...1.0058

ODOR FORMATION IN ALKALINE PULPING ...Air Pollution; Kinetics; Noise -see Noise; Odor; Pulp and Paper Wastes; ...1.0657

OXYGENATION OF AQUEOUS BODIES USING LIQUID OXYGEN ...Aeration (water); Chemical Mechanisms & Kinetics; Diffusion; Waste Treatment Economics; ...2.0916

DEVELOPMENT OF WASTE TREATMENT SYSTEMS ABOARD MARINE AND FRESH WATER CRAFT ...Boat Discharges; Ship Wastes; ...2.1424

INPUT-OUTPUT ANALYSIS OF GENERATION AND ELIMINATION OF POLLUTION IN THE UNITED STATES ECONOMY ...Air Pollution; Benefit-cost Analysis; Income Development & Growth; Water Chemistry; ...2.1848

RECOVERY OF AMINO ACIDS FROM POTATO STARCH FACTORY SECONDARY WASTES ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Ion Exchange; Product Development Research; Solanum; Water Quality Control -general; ...5.0041

Bench Scale

TREATMENT OF WATER-PLANT SLUDGES ...Coagulation; Crystallization; Dewatering; Filtration; Lime Treatment; ...2.0870

ADVANCED WASTEWATER TREATMENT USING POWDERED ACTIVATED CARBON IN RECIRCULATING SLURRY CONTACTOR-CLARIFIERS ...Activated Sludge; Adsorption; Chemical Oxygen Demand; Coagulation; Tertiary Treatment; Waste Water Treatment -general; ...2.1153

SELECTIVE NITRATE AND PHOSPHATE REMOVAL ...Denitrification -see Nitrogen; Ion Exchange; Ion Selective Membranes; Waste Treatment; Waste Treatment Economics; ...2.1300

RECOVERY OF IRON IN A MORE DENSE FORM FROM COAL MINE DRAINAGE ...Acid Mine Wastes; Mine Drainage Control; Mineral Processing Industry; Waste Material Recovery; ...2.1393

MICROBIOLOGICAL TREATMENT OF POTATO WASTES ...Degradation -see Pesticide Deg; Food Processing Wastes; Plant Waste Removal; Treatment; Waste Water Treatment -general; ...5.0256

LABORATORY SCALE FEASIBILITY STUDY OF USING REVERSE OSMOSIS TO CONCENTRATE PRE-TREATED DOMESTIC SEWAGE ...Activated Sludge; Disinfection; Potable Water; Potable Water -see Potable; Reverse Osmosis; Sewage - Domestic; Waste Treatment Economics; ...5.0355

Washing Process

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Coal Research; Energy Conversion; Heating Units; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers; Wind Tunnels; ...1.0031

Process Waste Recovery

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Combustion; Furnace and Incinerator Design; Packed Bed Reactor; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0661

Product Development Research

EMISSION FROM THE PHOSPHATE FERTILIZER INDUSTRY - ANALYSIS OF SAMPLES ...Air Pollution Sampling; Air Pollution-chemistry; Chemical Industry; Fertilizer Industry; Gases; Particulates - Air Pollution; Scrubbers; ...1.0110

ALLEVIATION OF LAKE POLLUTION BY UTILIZATION OF AQUATIC PLANTS FOR NUTRITIONAL, MEDICINAL OR INDUSTRIAL PURPOSES ...Aquatic Plants -nonspecific; Cultural Control; Mammals -nonspecific; Minnesota; Taxonomy -plant; ...2.0207

CLADOPHORA AS RELATED TO POLLUTION IN WESTERN LAKE ERIE ...Algae - Chlorophyta; Algal Pollutant Sources; Contamination - Water; Lower Plants; Mulches; ...2.0726

BRACKISH WATER PURIFICATION BY BIOLOGICAL FUEL CELL POWERED ELECTRODIALYSIS ...Brackish Water; Desalination; Effluents - Waste Water; Electrodialysis; Microorganisms -nonspecific; Salt Water; Water Costs; ...2.0917

CONCENTRATION OF CHEMICALS BY FLOC FORMING ORGANISMS ...Aerobic Waste Water Treatment; Farm Animal

Wastes, Industrial Wastes; Waste Water Treatment -general, ...2.0933

REMOVAL OF NUTRIENTS FROM ENRICHED FLOWS & WASTE EFFLUENTS BY THE HYDROPONIC CULTURE OF SUITABLE FORAGE PLANTS & GRASSES ...Benefit-cost Analysis, Economic Feasibility; Effluents - Waste Water; Nutrients, Waste Treatment Economics; Waste Water Treatment -general, ...2.1081

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Foreign Agriculture, Industrial Wastes, Plant Waste Removal, Treatment, Sewage; Water Pollution Abatement, Water Quality -general, ...2.1196

TREATMENT OF AQUEOUS AGRICULTURAL WASTES FOR CLEAN WATER AND FOR MICROBIAL PROTEIN PRODUCTION ...Aeration (water); Biochemical Oxygen Demand; Farm Animal Wastes; Microorganisms -nonspecific; Surface Active-other; Water Pollution Sources, ...2.1271

STUDY OF UTILIZATION AND DISPOSAL OF LIME SLUDGES CONTAINING PHOSPHATES ...Disposal; Lime Treatment, Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general, ...2.1379

RECOVERY OF BY-PRODUCTS FROM SHELLFISH WASTE ...Chlorine; Farm Animal Wastes; Lye; Waste Material Recovery, ...2.1446

ABSTRACT SERVICE ON ANIMAL WASTE TECHNICAL LITERATURE ...Abstracts; Animal Wastes - Feed Lots; Farm Animal Wastes; Livestock -nonspecific; ...3.0007

PROCESSING OF WINE FOR PRODUCT IMPROVEMENT AND POLLUTION REDUCTION ...Botrytis; Plant Waste Removal, Treatment; Sulfur Dioxide; Vitaceae, ...3.0015

FOOD PROCESSING WASTES ...Disposal; Food Processing Wastes; Plant Waste Removal, Treatment; Recoverable Materials, Waste Material Recovery; Waste Water Treatment -general, ...3.0035

FERMENTED FOOD PRODUCTS ...Botrytis; Food Contamination; Plant Waste Removal, Treatment; Vitaceae, ...3.0036

RECOVERY OF AMINO ACIDS FROM POTATO STARCH FACTORY SECONDARY WASTES ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Ion Exchange; Process Development; Solanum; Water Quality Control -general, ...3.0041

IMPROVED PROCESSING OF HAWAIIAN FRUITS ...Carotenoid Pigments; Food Engineering & Technology; Plant Waste Removal, Treatment; Tropical Regions, ...3.0117

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Biochemical Oxygen Demand; Environment Resistance animals; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage Lagoons; Space Requirements; Taste & Odor of Water, ...3.0132

USE OF ALGAE, ALGAE-PROTOZOA, AND ALGAE-BACTERIA CULTURES IN SEWAGE TREATMENT ...Algae - Chlorophyta; Algae - Cyanophyta; Cellular Physiology; Eco Eff.; Foreign Agriculture; Oxygen Content (water); Sewage - Domestic; Waste Water Treatment -general, ...3.0136

DEVELOPMENT OF DIET RATIONS FOR CULTIVATION OF SHRIMP AND CRAWFISH ...Crayfish, Hippolyte; Marine Animals; Plant Waste Removal, Treatment; Shellfish Farming, ...3.0153

NEW FOOD PRODUCTS AND SERVICE ...General Sanitation Methods; Home Economics; Plant Waste Removal, Treatment; Sanitation, ...3.0155

CHEMICAL AND PHYSICAL TREATMENTS OF CATTLE EXCRETA FOR REDUCING ENVIRONMENTAL POLLUTION ...Animal Wastes - Feed Lots; Chemical Treatment (water); Farm Animal Wastes; Feces; Waste Water Treatment -general, ...3.0161

USING WASTE FORMED IN VEGETABLE AND CHEESE PRODUCTION ...Bios; Plant Waste Removal, Treatment, ...3.0165

INVESTIGATION OF NEW WASTE DISPOSAL/SANITATION TECHNIQUES FOR GARRISON FOOD SERVICE ...Food Processing Wastes; Home Economics; Plant Waste Removal, Treatment; Waste Disposal-see Solid Waste, ...3.0175

HYDROLYSIS OF SLUDGE USING LOW PRESSURE STEAM WITH SO2 AS A HYDROLYTIC ADJUNCT AND TO STUDY THE UTILIZATION OF THE RESULTING HYDROLYSATE ...Digestion; Hydrolysis, Esterification; Sulfur Dioxide; Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general, ...3.0245

IMPROVED METHODS, EQUIPMENT AND FACILITIES FOR INEDIBLE ANIMAL BY-PRODUCTS RENDERING PLANTS ...Farm Animal Wastes; Food Engineering & Technology; General Sanitation Methods; Salmonella -nonspecific & -ot.; Tennessee; Texas, ...3.0276

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Costs - see Economics Entries; Hydrogenation; Industrial Wastes; Plant Waste Removal, Treatment; Soil Amendments; Waste Disposal on Soils, ...3.0281

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Disposal; Farm Animal Wastes; Plant Waste Removal, Treatment; Recoverable Materials; Waste Material Recovery, ...3.0282

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Costs -see Economics Entries; Food Processing Industries; Industrial Wastes; Plant Waste Removal, Treatment; South Carolina; Waste Disposal on Soils; Waste Water Treatment -general, ...3.0311

UTILIZATION OF SOLID WASTES FROM THE COMBUSTION AND MINING OF COAL ...Automotive Application; Combustion; Elastomers; Pavement; Soil Amendments; Soil pH, ...3.0341

DEVELOPMENT OF PROCESSES FOR IMPROVED FEEDS FROM AGRICULTURAL WASTES ...Farm Animal Wastes; Food Processing - Additive; Plant Waste Removal, Treatment, ...3.0361

DAIRY CATTLE MANAGEMENT IN URBAN PROXIMITY ...Bacteria -nonspecific; Farm Animal Wastes; Suburban Areas; Urine, ...3.0364

USE OF SEWAGE TO PRODUCE ALGAE FOR LIVESTOCK FEED ...Algae - Chlorophyta; Algae - Cyanophyta; Algal Physiology; Fungi -nonspecific; Plant Waste Removal, Treatment; Sewage Bacteria, ...3.0369

MULTI-PURPOSE UTILIZATION OF HARDWOOD BARK THROUGH CHEMICAL MODIFICATION ...Air Pollution; Construction Materials; Fire; Forest Debris; Materials -properties; Materials; Composite, ...3.0370

SINGLE CELL PROTEINS FROM CELLULOSIC WASTES ...Catalysts; Cellular Catabolism-see Degrad; Disposal; Pilot Plants; Recoverable Materials; Waste Management -see Specific, ...3.0373

BIODEGRADATION OF POULTRY MANURE ...Farm Animal Wastes; Feces; Gallus Domesticus; Microorganisms -nonspecific; ...3.0377

ENHANCED CELLULASE PRODUCTION BY MUTATION ...Biodegradation-see Degradation; Catalysts; Costs -see Economics Entries; Industrial Wastes; Mutagenesis -nonspecific; Plant Waste Removal, Treatment; Rate of Reaction, ...3.0381

SYNTHESIS OF L-DOPA FROM WOOD PULP WASTE ...Pulp and Paper Wastes; Waste Material Recovery, ...3.0383

USE OF POULTRY FAT AND MEAT SCRAPS ...Farm Animal Wastes, ...3.0388

A NEW PRACTICAL APPROACH TO DAIRY WASTES ...Bacteria; Farm Animal Wastes; Impaired Water Use; Waste Disposal on Soils; Water Quality Control -general, ...3.0392

TREATMENT AND UTILIZATION OF WASTES ...Algae -nonspecific; Farm Animal Wastes; Industrial Wastes; Nutrients; Waste Water Treatment -general; Water Pollution Sources, ...3.0393

UTILIZATION OF WASTE BARK ...Nitrogen and Nitrogen Cpds.; Phenols; Plant Waste Removal, Treatment; ...3.0397

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Cotonella; Farm Animal Wastes; Fertilizer Industry; Mineral Nutrition; Roads & Highways -see Highways; Soil Amendments; Soil Microbiology; Waste Disposal on Soils, ...3.0399

EFFECTS OF PESTICIDES USED IN DAIRY INDUSTRY ...Bacterial Morphology; Lactobacillus Sp; Pesticide in Food Chains; Streptococcus -nonspecific; ...4.0997

AEROBIC AND ANAEROBIC BIODEGRADATION OF DETERGENTS ...Aerobic Bacteria; Anaerobic Bacteria; Analysis and Detection; Chemical Oxygen Demand; Home Economics, ...4.1106

Propellants

KINETICS OF ASSOCIATION-DISSOCIATION REACTIONS ...Combustion; Flash; Kinetics; Upper Atmospheric Chemistry, ...1.0020

PARTICLE DYNAMICS ...Atmospheric Dynamics; Diffusion; Engines; Missiles; Photography; Simulation Theory, ...1.0068

THIRTEENTH INTERNATIONAL SYMPOSIUM ON COMBUSTION ...Chemical Mechanisms & Kinetics; Combustion; Fluid Mechanics; Meetings, ...1.0131

EFFECTS OF AIR FORCE PROPELLANTS ON THE METABOLISM AND BIOCHEMISTRY OF BODY ORGANS ...Digestive System - Human, Fire Research: see Forest Fire, Mammals -nonspecific, Toxic Substances, Toxicology, ...1.0286

ENVIRONMENTAL POLLUTION TOXICOLOGY OF AIR FORCE MATERIALS ...Air Pollution, Contamination -see Air & Water, Degradation, Environment, ...1.0411

DESIGN STUDY FOR AIR FORCE ROCKET PROPULSION LAB EXHAUST GAS CLEANING SYSTEM ...Scrubbers, ...1.0649

PORTABLE TOXIC VAPOR DETECTOR ...Chemical Mechanisms & Kinetics, Detectors and Sensors, Electronic Detection, Tracking, Solid State Engineering, ...1.0711

MICROANALYTICAL METHODS FOR AIR FORCE MATERIALS IN TOXICOLOGICAL AND ENVIRONMENTAL POLLUTION INVESTIGATION ...Air Pollution-chemistry, Detectors and Sensors, Toxicology, Trace Analysis, ...1.0835

WEAPONRY--RADIATION DAMAGE BY NUCLEAR BLASTS ...Catalysis, Heterogeneous, Hms, Nuclear, Nuclear Detonations, Photolysis, Radiation Induced Chem React., Radiation Shielding, ...5.0166

Protons

BIOLOGICAL EFFECTS OF IMPLANTED NUCLEAR ENERGY SOURCES FOR ARTIFICIAL HEART DEVICES (ABBREV) ...Californium, Candiac, Isotopes Development, Neutron -see Radiation, Strontium, Yttrium, ...5.0054

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies, Aviation Medicine, Environmental Hazards, Ionizing Radiation -see Rad., Neutron -see Radiation, Radiation Sensitivity -man, Radiation, Whole Body, Radioactive Hazard, Radioactivity, X and Gamma Rays, ...5.0065

RADIATION INJURY ASSOCIATED WITH HIGH ALTITUDE FLIGHTS AND SPACE OPERATIONS ...Altitude, Beta Particles, Injury and Shock, Mammals -nonspecific, Radiation Effects - Biological, Radiologic Health, X and Gamma Rays, ...5.0079

RADIOLOGICAL PHYSICS ...Dosimetry, Ionizing Radiation -see Rad., Mathematical Models, Mercury, Radiation Effects - Biological, ...5.0113

MAMMALIAN STUDIES WITH ACCELERATORS GERMFREE RESEARCH ...Cell Injury and Autolysis, Cobalt, Digestive System - Human, Muridae, Radiation, Radiation Sensitivity -man, Radiation, Lethal Dose, ...5.0124

PARTIAL CELL IRRADIATION OF MITOTIC CELLS ...Amphibians, Cellular Metabolism - Controls, Radiation, Radiation Carcinogenesis, Radiation Effects - Biological, Ultra Violet Radiation, X and Gamma Rays, ...5.0309

STUDIES OF RADIATION DAMAGE TO BIOLOGICAL MATERIALS ...Injury and Shock, Lasers and Masers, Radiation, Radiation Effects - Biological, Sulfhydryl Compounds, X and Gamma Rays, ...5.0400

RADIATION CYTOGENETICS OF HIGHER PLANTS ...Arabidopsis, Growth, Neutron -see Radiation, Somatic Mutation, Zea Mays - Field Corn, ...5.0534

BIOLOGICAL EFFECTS OF RADIATION EXPOSURES FROM LONG DURATION FLIGHTS AND REPEATED MISSIONS IN LOW DOSE LEVEL ENVIRONMENTS ...Altitude, Beta Particles, Military Personnel, Nuclear Warfare, Pilots, Radiation, Low Level, X and Gamma Rays, ...5.0704

RADIATION PHYSICS ...Beta Particles, Ionizing Radiation -see Rad., Light-catalyzed, Nuclear Radiation, Radiation Chemistry - Inophys., Radiation Effects - Biological, Radiolysis, ...5.0739

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators, Ionizing Radiation -see Rad., Microorganisms, Radiation -see Specifics, Radioactive Isotopes, X and Gamma Rays, Yeasts -nonspecific, ...5.0775

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators, Cellular Viability, Ionizing Radiation -see Rad., Radiation -see Specifics, Radiation Sensitivity -man, Radioactive Isotopes, X and Gamma Rays, ...5.0776

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators, Dosimetry, Ionizing Radiation -see Rad., Radiation -see Specifics, Radiation Effects - Biological, Radiation Penetration, X and Gamma Rays, ...5.0777

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies, Aircraft, Altitude, Cosmic Rays, Radiation Injury Prevention, ...5.0862

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies, Air Occupation - Avocation, Aviation Medicine, Radioactivity, Spectrographic Techniques, ...5.0863

RADIOLOGICAL PHYSICS ...Alpha Particles, Cell Injury and Autolysis, Cellular Viability, Dosimetry, Minimum Or Threshold Dose, Radiation, Spectrographic Techniques, ...5.0892

THEORETICAL RADIATION DOSIMETRY ...Dosimetry, Fast Neutrons, Monte Carlo Methods, Particle Accelerators, Radiation -see Specifics, Radiation Penetration, Radioactive Hazard, ...5.0939

RADIATION DOSIMETRY ...Calorimetry, Physical Dosimetry, Plastics, Radiation Penetration, ...5.0956

Protozoa

BIOLOGICAL EFFECTS OF GASEOUS IONS ...Air Pollution -see Specifics, Bacteria -nonspecific, Cell Injury and Autolysis, Environmental Physiology, Gases, Growth, Muridae, ...1.0179

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Atlantic Ocean, Contamination - Water, Italy, Marine Environments, Plankton, Radioactivity, Radioecology - Plants, Trace Elements, ...3.0154

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific, Aquatic Ecology - Animal, Brazil, Florida, Marine Plants, Plant Distribution, Plant Population Dynamics -gen, Taxonomy -plant, Water Quality -general, ...3.0542

TAXONOMY AND PHYSIOLOGY OF PROTOZOA IN CAVE STREAMS AND POOLS ...Animal Distribution, Aquatic Ecology - Animal, Groundwater, Invertebrate Physiology, Optical Properties of Water, Pollution Effects -see Water, Taxonomy -animal, Water Pollution Sources, ...3.0600

TESTACEA (PROTOZOA - SARCODINA) AS INDICATORS OF WATER QUALITY IN WESTERN MONTANA ...Animal Habitat Studies, Bottom Sampling, Periphyton, Water Quality - general, ...3.0662

WATERBORNE DISEASE ETIOLOGY ...Animal Pollutant Sources, Czechoslovakia, Florida, Food Contamination, Virginia, Water Wells, ...3.0715

BIOLOGICAL ASPECTS OF TERTIARY PONDS ...Contamination - Water, Effluents - Waste Water, Phytoplankton, Pond, Sewage - Sewage Bacteria, Tertiary Treatment, ...3.1250

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Aquatic Ecology - Animal, Chemical Measurements (water), Chlorination, Effluents - Waste Water, Physical Water Properties, Pollution Effects -see Water, Temperature (water), ...3.1262

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific, Animal Distribution, Animal Productivity, Calcium, Energy Budgets, Invertebrate Physiology, Marine Animals, Nematoda, Plant Epiphyte Relationships, Plant Physiological Ecology, Species Diversity Measurement, Swamps - Marshes, Water Pollutant Identification, ...3.1651

PARASITES OF FRESH-WATER FISHES IN NORTH CAROLINA ...Animal Life History Studies, Annelida, Copepoda, Lakes, Nets, Ponds, Temperature (water), ...3.1663

THE EFFECTS OF HEATED WASTE WATERS UPON MICROBIAL COMMUNITIES ...Algae -nonspecific, Ecological Effects, Energy Conversion, Management (water), ...3.1743

USE OF ALGAE, ALGAE-PROTOZOA, AND ALGAE-BACTERIA CULTURES IN SEWAGE TREATMENT ...Algae - Chlorophyta, Algae - Cyanophyta, Cellular Physiology, Env Eff., Foreign Agriculture, Oxygen Content (water), Product Development Research, Sewage - Domestic, Waste Water Treatment - general, ...3.0136

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific, Aquatic Ecology - Animal, Chemical Analysis, Chlorinated Hydrocarbons, Environmental Physiology, Fresh Water, Invertebrate Physiology, Methoxychlor, Pesticide in Food Chains, Pesticide Toxicity to Microorg, Plant Food Chains, Toxaphene, ...4.0048

EXPERIMENTAL ENVIRONMENTS ...Animal Habitat Studies, Estuaries, Marine Animals, Pesticide Toxicity in Animals, ...4.0590

INFLUENCE OF PROTOZOAN ACTIVITY ON HALOGENATED HYDROCARBON RESIDUES - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Aquatic Ecology - Animal, Biodegradation, Fresh Water, Invertebrate Physiology, Pesticides -see Pesticide, ...4.0706

NUTRITION AND PROPAGATION OF THE ATTWATER'S PRAIRIE CHICKEN ...Aspergillus, Captive Rearing, Endangered

Species, Nematoda, Pathology, Pesticide Residues Removal, Tissue Accumulation Rates, ..4.0857

EFFECTS OF PESTICIDES ON PROTEIN, CARBOHYDRATE, AND NUCLEIC ACID METABOLISM INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ..Bacteria -nonspecific, Cellular Biosynthesis, Microorganism-see Cell Catab., Pesticide Action on Animals, Pesticides -nonspecific, Yeasts -nonspecific, ..4.0961

METABOLISM OF AGRICULTURAL CHEMICALS BY RUMEN MICROORGANISMS ..Bos, Insecticides -nonspecific, Microorganism-see Cell Catab., Terramycin, ..4.1099

EFFECT OF IONIZING RADIATION ON DIVISION RELATED MACROMOLECULES ..Microorganisms, ..5.0150

EXPERIMENTAL MODIFICATIONS OF ANTIBODY PRODUCTION ..Muridae, Rabbits, X and Gamma Rays, ..5.0293

RECOVERY PROCESSES IN AN AMEBOID CELL ..Biological Beats, Cellular Viability, Radiation, Ultra Violet Radiation, ..5.0655

Psychology

CARBON MONOXIDE AND HUMAN INFORMATION PROCESSING ..Air Pollution -see Specifics, Carbon Monoxide, Learning and Retention, Mammals -nonspecific, Sensory & Perceptual Processes, Toxicology, ..1.0182

FUNCTIONAL ADAPTATIONS TO ATMOSPHERIC CONTAMINANTS ..Air Pollution -see Specifics, Air Pollution-chemistry, Carbon Monoxide, Mammals -nonspecific, Nitrogen and Nitrogen Cpds., Toxicology, ..1.0310

PERFORMANCE DECREMENTS IN AIR CREWS EXPOSED TO CONTAMINATED LIFE SUPPORT GASES ..Accident, Air Pollution -see Specifics, Aviation Medicine, Mammals -nonspecific, Performance - Behavioral Study, Toxicology, ..1.0301

BEHAVIORAL PHARMACOLOGY AND TOXICOLOGY ..Canidae, Columbidae, Muridae, Pigeon, Toxicology, ..1.0382

EFFECT OF CHANGES IN AIR QUALITY ON COMMUNITY ATTITUDES, INFORMATION SEEKING, AND KNOWLEDGE ..Attitudes & Attitude Change, Urban Research -general, ..1.0530

TELEVISION PROGRAMMING RELATED TO PROBLEMS OF THE ENVIRONMENT ..Communication, Television, ..2.1882

BEHAVIOR OF ESTUARINE ANIMALS ..Animal Behavioral Ecology, Behavior -vertebrate, Chemical Water Properties, Environment Resistance-animals, Estuaries, Fish, Marine Animals, Mollusca, Pesticide Toxicity in Animals, Pesticides -see Pesticide, Pollution Effects -see Water, ..4.0594

RELATIONSHIPS BETWEEN SUB-LETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ..Behavior -vertebrate, Cyprinodontidae, DDT -see Pesticides, Fish, Laboratory Animals, Pesticide Evaluation, Pesticides -nonspecific, ..4.0598

PESTICIDE INDUCED MODIFICATION OF BEHAVIORAL AND BIOELECTRIC RESPONSES TO EXTERNAL STIMULI ..Behavior -vertebrate, Farm Safety -see Safety, Laboratory Animals, Pesticide Action on Animals, ..4.0815

BRAIN LESIONS, BEHAVIOR CHANGES AND PESTICIDE RESIDUES ..Anseriformes, Dieldrin, Laboratory Animals, Pesticide Action on Animals, Tissue Accumulation Rates, ..4.0882

BEHAVIORIAL EFFECTS OF LOW INTENSITY UHF RADIATION ..Auditory Stress, Electromagnetic Field, Microwave and Radiofrequency, Muridae, Radiation, Low Level, ..5.0093

NEUROPHYSIOLOGICAL AND BEHAVIORAL EFFECTS ASSOCIATED WITH THE INCIDENTAL IRRADIATION OF NORMAL HUMANS ..Radiation Effects - Biological, ..5.0145

BEHAVIORAL RESPONSE OF MAMMALS TO IONIZING RADIATION ..Mammals -nonspecific, Radiation Effects - Biological, X and Gamma Rays, ..5.0198

FUNCTIONAL EFFECTS OF IONIZING RADIATION ON THE CENTRAL NERVOUS SYSTEM IN MAN ..Cancer, Radiation Effects - Biological, X and Gamma Rays, ..5.0239

THE EFFECTS OF EXTREMELY LOW FREQUENCY (ELF) RADIATION ON MAN ..Radiation Effects - Biological, Radiation Sources -general, Radiologic Health, ..5.0250

THE STUDIES OF IONIZING RADIATION AS STIMULI ..Biological Rhythms, Learning and Retention, Muridae, Toxic Substances, ..5.0254

LOW-LEVEL X-IRRADIATION OF THE BRAIN DURING DEVELOPMENT - MORPHOLOGICAL, PHYSIOLOGICAL AND BEHAVIORAL CONSEQUENCES ..Exercise, Hydrogen, Muridae, ..5.0320

RESEARCH PROGRAM IN DEVELOPMENTAL NEUROPSYCHOLOGY ..Exercise, Healing, Motivation and Instinct, Primates -nonspecific, Radiation Effects - Biological, ..5.0321

LASER EFFECTS UPON VISUAL PERFORMANCE ..Cell Injury and Autolysis, Cercopithecoidea, Light, Radiation -see Specifics, Sensory & Perceptual Processes, ..5.0336

CYSTEAMINE AND X-RAYS PRENATALLY - BEHAVIOR OF THE RAT ..Behavior -vertebrate, Muridae, Vertebrates Excl. Man, X and Gamma Rays, ..5.0405

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ..Animal Behavioral Ecology, Biological Rhythms, Motivation and Instinct, Odocoileus, Procyonidae, Rabbits, Range Or Territorial Distr., Teal, Green-winged, Vertebrates Excl. Man, ..5.0413

PHASE III - FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS - NEURAL AND BEHAVIORAL ASPECTS OF RADIATION ..Muridae, Radiation Injury Prevention, X and Gamma Rays, ..5.0483

BEHAVIORAL AND NEURAL EFFECTS OF RADIATIONS AND TOXINS ..Burns, Digestive System - Human, Mammals -nonspecific, Radiation Effects - Biological, Sensory & Perceptual Processes, ..5.0512

PATHOGENESIS OF EARLY AND LATE EFFECTS OF X-IRRADIATION ON THE RAT AND MONKEY FOREBRAIN ..Cercopithecoidea, Muridae, Radiation Effects - Biological, X and Gamma Rays, ..5.0519

IONIZING RADIATION, BEHAVIORAL DEVELOPMENT, AND AGING ..Aging, Learning and Retention, Radiation Dose Studies-general, Radiation, Low Level, ..5.0605

DELAYED SENSORY EFFECTS OF PRENATAL IRRADIATION ..Auditory Physiology, Developmental Physiology, Learning and Retention, Radiation, Low Level, Sensory & Perceptual Processes, X and Gamma Rays, ..5.0681

EFFECTS OF IRRADIATION UPON AIRCREW EQUILIBRIUM ..Aviation Medicine, Environmental Effects - Human, Nuclear Warfare, Pilots, Radiologic Health, ..5.0698

RADIATION EFFECTS ON CREW-TYPE MULTIPLE TASKS ..Environmental Effects - Human, Nuclear Warfare, Primates -nonspecific, Radiation Effects - Biological, X and Gamma Rays, ..5.0699

RADIATION ALTERED AIRCREW TRACKING ABILITY ..Cercopithecoidea, Military Personnel, Performance - Behavioral Study, Radiation Effects - Biological, Radiation Sources -general, Sensory & Perceptual Processes, Systems Research, ..5.0700

EFFECTS OF IRRADIATION ON COMBAT CREW TASK COMPLEXITY ..Learning and Retention, Performance - Behavioral Study, Primates -nonspecific, Radiation Sensitivity -man, ..5.0702

RADIATION PRODUCED BRAIN INJURY - AIRCREW PERFORMANCE DECREMENT ..Aviation Medicine, Primates -nonspecific, Radiation Effects - Biological, Radiation Sources - general, ..5.0705

STUDIES IN THE USE OF IONIZING RADIATION AS STIMULI ..Beta Particles, Learning and Retention, Muridae, Radiation Effects - Biological, Sensory & Perceptual Processes, ..5.0814

PREDICTION OF AIRCREW PERFORMANCE BY PSYCHOPHYSIOLOGICAL MONITORING ..Performance - Behavioral Study, Primates -nonspecific, Radiation Effects - Biological, Stressors, Physiological, ..5.0946

PHYSIOLOGICAL AND PSYCHOLOGICAL ADJUSTMENT TO NOISE ..Auditory Stress, Noise, Personality, Sensory & Perceptual Processes, ..6.0069

NOISE INDUCED DEAFNESS - MASKING AND SPEECH PERCEPTION ..Auditory Physiology, Auditory Stress, Hearing Loss and Deafness, Learning and Retention, Noise, Occupational Hazards, Sensory & Perceptual Processes, ..6.0070

BEHAVIORAL TOXICITY OF NOISE IN IMMATURE MICE ..Auditory Stress, Hearing Loss and Deafness, Noise, Vibrations, -bioeffects, ..6.0080

THE DETERMINATION OF SUSCEPTIBILITY TO HEARING LOSS ..Auditory Physiology, Auditory Stress, Hearing Loss and Deafness, Learning and Retention, Rodentia -other, ..6.0090

COMPARATIVE STUDY OF VOCAL LEARNING ..Birds, Learning and Retention, Motivation and Instinct, Sensory & Perceptual Processes, Sound Production, ..6.0097

EFFECTS OF AIR FORCE NOISES ON POPULATIONS SURROUNDING AIR BASES ..Airplanes, Noise, Noise -ore Noise, Sensory & Perceptual Processes, ..6.0100

MOTOR PERFORMANCE UNDER SUDDEN STRESS - PHASE II ...Altitude & Acceleration; Auditory Stress; Performance - Behavioral Study; Personality; Pilots; ...6.0105

THE EFFECTS OF NOISE ON BEHAVIOR ...Auditory Stress; Muridae; Noise; Sensory & Perceptual Processes; ...6.0111

Public Health Ecology

THE CHIRONOMIDAE OF CALIFORNIA ...Animal Life History Studies; Aquatic Ecology - Animal; California; Contamination - Water; Handbooks; Taxonomy -animal; ...1.0376

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Wildlife Habitats -see Animal; ...4.1006

Public Service Buildings

URBAN INFRASTRUCTURE INVESTMENT IN DEVELOPING COUNTRIES ...Chile; Housing; Public Utilities; Residential Buildings; Urban Environment; Water Supply Facilities; ...2.1811

THE DETERMINANTS OF REAL ESTATE VALUES ...Air Pollution -see Specifics; Building Construction; Heating Units; Location Choice; Noise -see Noise; Residential Buildings; Value; Zoning; ...6.0055

Public Utilities

RELATIVE POLLUTION STRENGTHS OF UNDILUTED WASTE MATERIALS DISCHARGED IN HOUSEHOLDS AND THE DILUTION WATER USED FOR EACH ...Residential Buildings; Sewage; Waste Dilution- Self Purifying; ...2.0090

STUDY OF CAUSES AND CONTROL OF GROUND WATER INFILTRATION INTO SEWERS ...Canada; Infiltration; Overflow - see Fluid Mechanics; Sewer Systems; Survey Studies (water); ...2.0123

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Energy Conversion; Heat Recovery, Industrial; Nuclear Power; Plant Freshwater Ecology; Social Aspects; Thermal Pollution; ...2.0352

INTEGRATED URBAN UTILITY SYSTEMS ...Energy Conversion; Technology - Social Impact; Urban Research; Water Supply - general; ...2.0428

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation; Economic Impact; Lakes; Pollution Effects -see Water; Regional Economics; Urban Environment; Waste Water Treatment - general; Water Quality -general; ...2.0721

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Ash-coal Filters; Filters-filtration; Filtration; Pilot Plants; Sand; Soil Particle Size; Turbidity (water); Water Distribution Systems; ...2.0887

BEHAVIOR AND CONTROL OF CONTAMINANTS IN SURFACE WATERS ...Destratification; Reservoirs and Impoundments; Thermal Pollution; Water Pollutant Identification; Water Resources Protection; ...2.0928

EFFECTS OF LIMNOLOGICAL FACTORS ON WATER TREATMENT ...Chemical Water Properties; Iowa; Reservoirs and Impoundments; Water Chemistry; Water Quality -general; ...2.1018

THE IMPACT OF MUNICIPAL SEWERAGE CHARGES ...Costs - see Economics Entries; Economic Impact; Industrial Wastes; Price & Value -see Economics; Sewage; Waste Treatment Economics; ...2.1194

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations; Drainage; Sewage; Storm Water; Urban Planning; Urban Research -general; Water Quality Control -general; Water Supply -general; ...2.1224

COMMUNITY ADOPTION OF WATER RECYCLING SYSTEMS ...Community - Social Studies; Social Aspects; Urban Environment; Water Resources Planning; Water Supply -general; ...2.1301

COORDINATED MANAGEMENT AND DESIGN OF METROPOLITAN AREA WATER SUPPLY AND WASTE WATER DISPOSAL NETWORKS - A LINKED SYSTEMS ANALYSIS ...Management (water); Model Studies; Optimization, Economic; Sewer Systems; Systems Analysis - Water Mgmt; Urban Research -general; Water Distribution Systems; ...2.1349

URBAN INFRASTRUCTURE INVESTMENT IN DEVELOPING COUNTRIES ...Chile; Housing; Residential Buildings; Urban Environment; Water Supply Facilities; ...2.1811

NETWORK EVALUATION OF WASTEWATER COLLECTION ECONOMICS ...Benefit-cost Analysis; Cost-benefit Analysis; Demography; Pumps; Social Aspects; Urban Research -general; ...2.1820

URBAN WATER POLICY AS AN INPUT IN URBAN GROWTH POLICY ...Government -see Federal Gov.; Land Use; Sewer Systems; Survey Studies (water); Urban Planning; Water Resources Planning; ...2.1916

COMPREHENSIVE STUDIES OF SOLID WASTES MANAGEMENT ...Development of Models; Disposal; Economic Studies - general; Land Use; Regional Or State Studies; Solid Waste; ...3.0066

A SOLID WASTES MANAGEMENT SYSTEM FOR THE BAY REGION ...Disposal; Farm Animal Wastes; Plant Waste Removal, Treatment; Solid Waste; Waste Management -see Specific; Waste Material Recovery; ...3.0079

APPLICATION OF DYNAMIC AND LINEAR PROGRAMMING TO URBAN DEVELOPMENT ...Fiscal Analysis -general; Storm Sewer Quantity; Taxes - State Or Local; Urban Roads; Water Supply Facilities; ...3.0082

DESIGN OF OPTIMAL REFUSE STORAGE DEPOSITORY SYSTEM FOR SERVICING MULTIPLE DWELLING UNIT BUILDINGS IN ECONOMICALLY DISADVANTAGED AREAS ...Collection; Urban Research -general; Waste Type; ...3.0095

WATER AND SEWERAGE FACILITIES REPORT ...Expenditures; Illinois; Missouri; Regional Economics; Urban Research -general; Water Supply Facilities; ...3.0123

URBAN WASTE DISPOSAL IN THE SLUM DISTRICTS OF SOUTH BOSTON AND ROXBURY ...Collection; Disposal; Urban Research -general; ...3.0176

FEASIBILITY OF REGIONAL UTILITIES FOR MANAGEMENT OF INDUSTRIAL AND MUNICIPAL WASTES ...Finance -see Economics Entries; Industrial Wastes; Urban Research -general; Waste Treatment; Water Standards & Baselines; ...3.0190

A PRESSURE SEWER SYSTEM DEMONSTRATION .. New York; Pumps, Sanitary Sewage Quantity; Sewer Interceptor Station; Sewer Systems; Storm Sewer Quantity; ...3.0226

FUNDAMENTAL STUDIES OF COMPREHENSIVE DISTRICT PLANNING IN URBAN AREAS ...Architecture and Design; Urban Environment; Urban Research -general; Water Supply Facilities; ...3.0323

Puerto Rico

ENVIRONMENTAL RADIOACTIVITY AND TRACE ELEMENTS IN MAN . Air Pollution -see Specifics; Lead; Mineralization; Radium; ...1.0196

EFFECT OF VARIOUS GASEOUS CONTAMINANTS OF THE ATMOSPHERE ON PLANT GROWTH AND BEHAVIOR ...Carbon Disulfide; Enzymes; Growth; Industrial Pollution -general; Pollutant Resistance; Reproductive Physiology; Respiration; ...1.0420

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Bacterial Pollutant Sources; Benthic Flora; Chemical Water Properties; Marine Bacteria; Marine Environments; Marine Plants; Plant Population Dynamics -gen; Water Analysis; ...2.0767

REMOTE SENSING - TEKTITE, VIRGIN ISLANDS ...Man in the Sea Programs; Marine Environments; Marine Pollution; Spacecraft Sensory Devices; Virgin Islands; ...2.0819

DETERMINATION OF BIODEGRADATION RATES IN SOME POLLUTED TROPICAL WATERS AND IN SOME TYPES OF LIQUID WASTES COMMON IN PUERTO RICO ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Rate of Reaction; Salinity (water); Total Organic Carbon; Tropical Regions; Waste Water Degradation; ...2.1409

SOCIO-ECONOMIC FACTORS RELATED TO THE INCIDENCE OF A WATER-BORNE DISEASE ...Bacterial Pollutant Sources; Community - Social Studies; Digestive System - Human; Economic Impact; Intestinal Bacteria; Social Aspects; Water Pollution -see Specifics; ...2.1909

DESIGN OF FACILITIES FOR ANIMAL WASTE DISPOSAL ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Effluents - Waste Water; Farm Animal Wastes; Pilot Plants; ...3.0306

CONTROL OF WEEDS ...Ametryn; Diuron; Pesticide Formulation; Pesticide Phytotoxicity; Pesticides -other; Saccharum; ...4.0471

Puget Sound

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Copepods; Eutrophication; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Tides; Wind; ...2.0423

LEAD IN AQUATIC ENVIRONMENTS ...Air Pollution; Estuaries; Industrial Wastes; Lead; Ocean Mixing; Seasonal Studies; Water Cycle; Water Standards & Baselines; ...2.0425

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ...Animal Productivity; Clams; Contamination - Water; Electric Power Plants; Environment Resistance-animals; Fish and Shellfish; Heat Recovery, Industrial; Ostreidae (oyster); Temperature (water); ...2.1762

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Generators; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

Pulp and Paper Wastes

CHEMICAL ASPECTS OF AIR POLLUTION FROM KRAFT PULPING ...Odor; Process Development; ...1.0058

EMISSIONS FROM THE PULP AND PAPER INDUSTRY - ANALYSIS OF SAMPLES ...Air Pollution Sampling; Chemical Analysis -general; Gases; Noise -see Noise; Odor; Pulp and Paper; ...1.0111

SOURCE TESTS OF PULP AND PAPER MILLS ...Air Pollution Sampling; Gas Chromatography; Noise -see Noise; Particulates - Air Pollution; ...1.0112

WRITE REPORT OF PULP AND PAPER STUDY ...Pulp and Paper; Survey Studies (water); ...1.0113

ODOR FORMATION IN ALKALINE PULPING ...Air Pollution; Kinetics; Noise -see Noise; Odor; Process Development; ...1.0657

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

STUDIES ON EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Chemical Water Properties; Forest Cutting Operations; Forest Watersheds; Optical Properties of Water; Periphyton; Primary Productivity - Plants; Suspension; ...2.0321

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Salmo Clarki; Spawning - see Fish & Shellfish; Suspension; Water Supply -general; ...2.0322

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

INFLUENCE OF LOG RAFTING ON WATER QUALITY ...Degradation -see Pesticide Deg; Forest Debris; Fresh Water; Lumbering -general; Northwest U. S., ...2.0327

THE ROLE OF PAPER MILL ADDITIVES AS POTENTIAL STREAM POLLUTANTS ...Activation Analysis; Additives; Atmospheric and Environmental; Industrial Wastes; Waste Treatment; Water Quality Control -general; ...2.0412

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Spectral Reflectance; Turbidity (water); ...2.0535

DISPOSAL OF PAPER MILL EFFLUENT THROUGH IRRIGATION OF BOTTOMLAND HARDWOOD UNDER LOUISIANA CONDITIONS ...Disposal Wastes; Forest Environment -general; Industrial Wastes; Irrigation; Louisiana; Waste Disposal on Soils; Water Quality Control -general; ...2.0605

COMPOSITION OF RESIDUES FROM PULP BLEACHING TREATMENTS ...Chlorination, Chlorine; ...2.0702

BIOLOGICAL MONITORING. ...Animal Habitat Studies; Contamination - Water; Industrial Wastes; Pollution Effects -see Water; Water Pollutant Identification; ...2.0711

AN IMPROVED TEMPERATURE PREDICTION MODEL FOR SMALL STREAMS ...Forecasting - Prediction; Model Studies; Models of Biological Systems; Oregon; Temperature (water); Water Standards & Baselines; ...2.0740

EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Forecasting - Prediction; Forest Debris; Lumbering -general; Roads & Highways -see Highways; Sediments; Solar Radiation - sunshine; ...2.0746

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

FOAM SEPARATION FLOTATION OF COLLOID ORGANIC SYSTEMS ...Chelation & Complexing; Demineralization; Fluid Mechanics; Mineralogical Water Properties; Process Design; Surfactants -see Detergents; Waste Water Treatment -general; ...2.0899

THE USE OF PULP MILL SLUDGES AS EXTENDERS FOR CORRUGATING MEDIUM ...Waste Material Recovery; Water Quality Control -general; ...2.0957

FILTRATION OF KRAFT PULP LIQUOR THROUGH CHIPS ...Acidity (water); Effluents - Waste Water; Filters-filtration; Filtration; Industrial Wastes; Waste Water Treatment -general; ...2.1074

COASTAL DIFFUSION OF POLLUTANTS ...Industrial Wastes; Ocean; Ocean Currents; Oregon; Physical Models; Wind; ...2.1084

SHALLOW GROUND-WATER FLOW SYSTEMS IN RELATION TO INDUSTRIAL AND MUNICIPAL WATER SUPPLY AND WASTE DISPOSAL REQUIREMENTS ...Canning Wastes -see Food Proc.; Farm Animal Wastes; Groundwater Movement; Pond; Soil Tillage; Urban Research -general; ...2.1138

WASTE TREATMENT AND ANALYSIS FOR THE CITY OF MACON, GEORGIA ...Activated Sludge; Disposal; Industrial Wastes; Pilot Plants; Urban Environment; ...2.1234

TREATMENT OF SELECTED INTERNAL KRAFT MILL WASTES IN COOLING TOWERS ...Biochemical Oxygen Demand; Cooling Towers; Industrial Wastes; Pilot Plants; Waste Treatment Economics; ...2.1238

WHITE WATER CLARIFICATION AND REUSE ...Electrochemistry; Flocculation; Optimization, Economic; Waste Treatment Economics; Water Reuse; ...2.1244

COLOR AND MINERAL REMOVAL FROM KRAFT BLEACH WASTES ...Color (water); Demineralization; Lime Treatment; Waste Treatment Economics; ...2.1330

THE PRODUCTION AND USE OF ACTIVATED CARBON FOR WATER RENOVATION IN KRAFT PULP AND PAPER MILLS ...Florida; Pilot Plants; Rehabilitation -streams -lakes; Waste Treatment Economics; ...2.1350

IMPROVE POLLUTION CONTROL BY REUSE OF PAPER MACHINE PROCESS WATERS ...Coagulation; Disposal; Precipitation; Waste Material Recovery; Waste Water Treatment - general; Water Reuse; ...2.1356

STREAM STRIPPING OF KRAFT PULP MILL EFFLUENT STREAMS ...Distillation; Industrial Wastes; Odor; Organics; Recycle Water; Waste Material Recovery; ...2.1448

COMBINED INDUSTRIAL AND MUNICIPAL WASTE TREATMENT ...Biological Treatment-general; Industrial Wastes; Pilot Plants; Process Design; Urban Environment; Waste Water Treatment -general; ...2.1455

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

EFFECT OF INDUSTRIAL POLLUTANTS ON WATER QUALITY ...Bacterial Ecology; Bioindicators; Coliforms -nonspecific; Nutrients; Water Pollutant Identification; ...2.1470

RELATIONSHIPS BETWEEN LOGGING ACTIVITIES AND SALMON PRODUCTION ...Aquatic Ecology - Animal; Circulation (water); Environmental Ecology; Sediments; Spawn Or Nesting Sites; ...2.1478

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Core Analysis; Fish and Shellfish; Lumbering -general; Sedimentation; Temperature (water); Water Pollution Effects; ...2.1496

EFFECTS OF ALTERNATE BLOCK CUTTING ON STREAMBED SEDIMENTATION & WATER TEMPERATURES IN BUMMER LAKE CREEK, DEL NORTE COUNTY, CALIFORNIA ...Animal Habitat Studies; California; Fish and Shellfish; Forest Watersheds; Lumbering -general; Salmonidae; Temperature (water); ...2.1497

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal; Chemical Water Properties; Estuaries; Georgia; Invertebrates -nonspecific; Physical Water Properties; Turbidity (water); ...2.1537

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Pre-impoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Snake River; Temperature (water); ...2.1545

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Silvex; Temperature (water); ...2.1566

EFFECT OF PAPER FIBER WASTES ON FISH EGGS AND JUVENILES ...Contamination - Water; Fish; Industrial Wastes; Invertebrates -nonspecific; Physiological Effects; Sphaerotilus; ...2.1605

EFFECT OF WATER POLLUTANTS AND WATER QUALITY ON EARLY LIFE HISTORY AND POPULATION DYNAMICS OF MINNESOTA FISHES ...Animal Life History Studies; Contamination - Water; Fish Food Organisms; Minnesota; Poliution Effects -see Water; Temperature (water); ...2.1606

EFFECTS OF CHEMICALLY AND BIOLOGICALLY MODIFIED PULPING EFFLUENTS ON THE PRODUCTION OF FISH ...Animal Productivity; Effluents - Waste Water; Fish and Shellfish; Irrigation; Pollution Effects -see Water; Tides; Water Purification; ...2.1676

CONTROLLING THERMAL POLLUTION IN SMALL STREAMS ...Energy Budgets; Flow Characteristics (water); Induced Temperature; Lumbering -general; Model Studies; Temperature (water); Thermal Pollution; ...2.1677

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Chemical Analysis -general; Dispersion (water); Effluents - Waste Water; Industrial Wastes; Marine Photography- Television; Oregon; Sea Water Sampling; Surveying; ...2.1678

HYDROLOGY OF SMALL MOUNTAIN STREAMS ...Flow Characteristics (water); Forest Debris; Hydrographs; Lumbering - general; ...2.1680

IMMEDIATE EFFECTS OF LOGGING ON THE FRESHWATER ENVIRONMENT OF SALMONIDS ...Acidity (water); Circulation (water); Forest Debris; Lumbering -general; Population Dynamics -general; Salmonidae; Temperature (water); ...2.1681

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

EFFECTS OF PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Animal Productivity; Biological Effects; Contamination - Water; Fish and Shellfish; Oregon; Population Dynamics -general; ...2.1685

EFFECTS OF KRAFT PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Contamination - Water; Effluents - Waste Water; Fish and Shellfish; Fish Food Organisms; Industrial Wastes; Pollution Effects -see Water; ...2.1687

EFFECTS OF LOGGING ON SALMON POPULATIONS IN COASTAL STREAMS ...Animal Migration; Coastlines - Shorelines; Fish and Shellfish; Forest Watersheds; Lumbering - general; Oregon; Pseudotsuga; ...2.1688

STUDY OF EFFECTS OF MILL WASTE WATER ON FISH LIFE ...Contamination - Water; Fish; Industrial Wastes; Pollution Effects -see Water; ...2.1735

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Estuaries; Forecasting - Prediction; Marine Animals; Temperature (water); Water Properties -general; ...2.1763

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Model Studies; Optimization, Economic; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

MATHEMATICAL AND COMPUTER SERVICES FOR THE ANALYSIS OF DATA AND DESIGN OF EXPERIMENTS FOR CERTAIN FWQA PROGRAMS ...Coastlines - Shorelines; Electric Power Plants; Facilities; Marine Environments; ...2.1897

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization - general; ...2.1936

PHYSIOLOGICAL EVALUATION OF TREATED TOXIC WASTES ...Animal Life History Studies; Industrial Wastes; Physiological Effects; Pollution Effects -see Water; Salmo Gairdneri; Water Pollutant Identification; ...3.0037

SLIME CONTROL ASSOCIATED WITH PULP MILL EFFLUENTS ...Bacterial Pollutant Sources; Carbon; Industrial Wastes; Process Design; ...3.0038

TECHNOLOGICAL CHANGE IN FOREST INDUSTRIES ...Air Pollution -see Specifics; Water Pollution Abatement; Water Pollution Effects; ...3.0044

CHEMICAL REACTIONS OF WOODS AND BARKS ...California; Combustion; Fuels; Industrial Wastes; Pulp-waste; Water Chemistry; Wet Oxidation; ...3.0065

SLUDGE DISPOSAL AND MATERIAL RECOVERY SYSTEM FOR MANUFACTURERS OF COATED AND/OR FILLED PAPERS ...Burning; Sludge; Waste Material Recovery; ...3.0159

PULP INDUSTRY POLLUTION ABATEMENT THROUGH PROCESS MODIFICATION ...Chemical Treatment (water); Forest Industry; Kinetics; Process Design; Recycle Water; ...3.0254

SURVEY OF PULP AND PAPER MILL EFFLUENT CONTROL AND TREATMENT ...Effluents - Waste Water; Industrial Wastes; Survey Studies (water); Waste Water Treatment -general; Water Pollution Abatement; Water Quality Control -general; Water Resources Protection; ...3.0255

CONVERSION OF EXISTING ANAEROBIC DIGESTERS TO AEROBIC DIGESTERS - FULL PLANT SCALE ...Activated Sludge; Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Digestion; Filtration; Ohio; ...3.0267

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific; Calorimetry; Degradation; Fungi -nonspecific; Industrial Wastes; Photolysis; Thin Layer Chromatography; Waste Water Degradation; ...3.0284

PULP AND PAPER WASTE CONTROL AND TREATMENT ...Disposal Wastes; Waste Material Recovery; Waste Treatment; Water Reuse; ...3.0288

ECONOMIC OPTIMIZATION OF SECONDARY TREATMENT AND DETERMINATION OF LOAD TO CONTROL BIOLOGICAL GROWTHS IN A STREAM ...Aeration (water); Lagoon; Optimization, Economic; Secondary Treatment; Waste Treatment Economics; ...3.0336

A STUDY OF LAND DISPOSAL OF SPENT SULFITE LIQUOR AT BADGER PAPER MILLS, INC., PESHTIGO, WISCONSIN ...Aquifers; Landfill; Limestone-general; Water Pollutants - Path of; Wisconsin; ...3.0345

CHEMICAL PULPING AND BLEACHING ...Air Pollution-chemistry; Electrolytic; Industrial Pollution -general; Materials -properties; Reduction Reactions; Water Chemistry; ...3.0351

SYNTHESIS OF L-DOPA FROM WOOD PULP WASTE ...Product Development Research; Waste Material Recovery; ...3.0383

THE RECOVERY AND CHARACTERIZATION OF AGRICULTURAL CHEMICALS FROM SPENT PULP CHLORINATION LIQUORS ...Algacides -nonspecific; Ceratocystis; Insecticides - nonspecific; Penicillium; Phenols; Waste Material Recovery; ...4.0058

Pumps

LIVESTOCK FARMSTEAD WATER SYSTEMS ...Chemical Treatment (water); Farm Structures & Design; Flow Characteristics (water); Mathematical Models; Water Distribution Systems; Water Utilization -general; ...2.0901

MODELING OF VENTED HYDROTURBINE REAERATION ...Aeration (water); Energy Conversion; Fluid Mechanics; Mathematical Models; Reservoirs and Impoundments; Turbines; ...2.1134

TUBE TRANSPORT - AN IMPROVED CONCEPT OF URBAN REFUSE COLLECTION, TRANSPORTATION AND RECYCLING ...Solid Waste Management; Transportation; Transportation Management; Urban Research -general; ...3.0387

DRIFT CONTROL OF PESTICIDES ...Aerosols - Smokes, Fogs, Steam; Liquids Or Sprays; Pesticide Application Equip.; Pesticides -nonspecific; Spray Devices; ...4.0063

HASTY RURAL SHELTERS AND IMPROVISED LIFE-SUPPORT EQUIPMENT ...Building Construction; Building Design; Fission Products-see Radioact.; Rural Areas; ...5.0934

Purification

Air Pollution-chemistry

THE VARIOUS POLLUTING SUBSTANCES EMITTED IN DIESEL ENGINE EXHAUST GASES ...Combustion; Diesel; Engine; Engines; Fuels; ...1.0003

COMBUSTION GAS COMPOSITION ...Chromatography; Combustion; Engines; Infrared Spectroscopy; Mass Spectroscopy; Nitrogen and Nitrogen Cpds.; Ultraviolet Spectroscopy; ...1.0005

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Combustion; Effects; Mechanism Determination; Oxidants; Photochemical Reactions; Solar Radiation -sunshine; ...1.0006

AIR POLLUTION RESEARCH ...Combustion; Energy Conversion; Fuels; Mass Spectroscopy; Photochemical Reactions; Wall Effects; ...1.0009

STUDIES OF NATURAL AND POLLUTANT SOURCES OF CARBON MONOXIDE ...Air Pollution Monitoring; Aircraft; Atmospheric Dynamics; Combustion Air Pollution-gen; Gases; Geochemical Investigations; ...1.0013

CHARACTERIZATION OF SMOKE FROM CELLULOSIC FUELS ...Chemical Analysis -general; Combustion; Controlled Atmosphere; Fire Research -see Forest Fire; Fuels; Pyrolysis; Rate of Reaction; ...1.0015

AIR POLLUTION FROM FOREST AND AGRICULTURAL BURNING ...Air Pollution -see Specifics; Combustion; Fire Research -see Forest Fire; Gramineae -other; Plant Waste Removal, Treatment; ...1.0016

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution Monitoring; Atmospheric Dynamics; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0018

METEOROLOGY FOR URBAN AID POLLUTION ...Applied Climatology; Atmospheric Dynamics; California; Gases; Oxidants; Urban Research -general; ...1.0023

ENERGY, AIR QUALITY, AND THE SYSTEMS APPROACH ...Air Pollution; Benefit-cost Analysis; Generators; Mathematical Models; Particulates - Air Pollution; ...1.0034

ATOMIC REACTION KINETICS ...Combustion; Mass Spectroscopy; Oxidation; Rate of Reaction; ...1.0035

CHEMICAL COMPOSITION OF POLLUTED AIR ...Air Pollution Analysis; Cars; Chemical Analysis -general; Energy Storage - general; Industrial Wastes; Rate of Reaction; Temperature; ...1.0038

STUDY TO DETERMINE THE FATE OF CO IN THE ATMOSPHERE ...Air Pollution Sampling; Gases; Isotope Tracer -see Tracers; ...1.0048

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

RESEARCH INITIATION - DISPERSION OF POLLUTANTS FROM TALL CHIMNEYS. ...Combustion; Diffusion; Energy Conversion; Furnace and Incinerator Design; ...1.0053

SELENIUM AND ITS SIGNIFICANCE AS AN AIR POLLUTANT ...Adsorption; Catalysts; Combustion; Disposal; Fuels; Solid Waste; Trace Elements; ...1.0057

COMBUSTION STUDIES RELATING TO CETANE IMPROVERS, COMBUSTION CATALYSTS AND SMOKE SUPPRESSANTS ...Catalysts; Combustion; Fuels; ...1.0059

KINETICS OF NO AND CO FORMATION IN COMBUSTION GASES ...Cars; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Turbines; ...1.0060

EFFECTS OF GASOLINE VOLATILITY ON EMISSIONS AND DRIVEABILITY ...Combustion; Engines; Fuels; ...1.0062

PARTICULATE POLLUTANT SYSTEM STUDY - MODIFICATION AND EXTENSION ...Air Pollution Analysis; Atmospheric Dynamics; Combustion; Forecasting - Prediction; Gases; Particulates - Air Pollution; ...1.0069

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Chemical Composition; Core Analysis; Energy Conversion; Glaciology; Ion Exchange; Particulates - Air Pollution; Technology - Social Impact; ...1.0073

NITROGEN-OXIDE KINETICS IN AUTO COMBUSTION EXHAUST ...Air Pollution Control Systems; Combustion; Engines; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0074

GASOLINE COMPOSITION AND VEHICLE EXHAUST GAS POLYNUCLEAR AROMATIC CONTENT ...Air Cleaning Devices; Chemical Analysis -general; Combustion; Engines; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0075

NON-EQUILIBRIUM EFFECTS IN AN INTERNAL COMBUSTION ENGINE ...Combustion; Engines; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0083

CRC AIRCRAFT EXHAUST STUDY GROUP ...Airplanes; ...1.0084

SULFUR DIOXIDE OXIDATION ...Catalytic; Gases; Mechanism Determination; Rate of Reaction; ...1.0088

STUDY BY CONTRACT THE INDOOR-OUTDOOR POLLUTION RELATIONSHIPS AT AN AIR-RIGHTS STRUCTURE AND A CANYON TYPE STRUCTURE ...Cars; Combustion; Engines; Lead; Particulates - Air Pollution; Urban Research -general; ...1.0090

SULFUR DIOXIDE DECAY ...Atmospheric Dynamics; Combustion; Diffusion; Power Plants; ...1.0092

ASSIST OCS IN THE DEVELOPMENT OF COMPUTERIZED SYSTEM FOR PROJECTING MOTOR VEHICLE EMISSIONS AND SUPPLY ADJUNCT ANALYSES ...Air Pollution; Characteristics; Engine; Nitrogen and Nitrogen Cpds.; Traffic Engineering; Trucks; ...1.0093

TESTING OF CONVENTIONAL AND EXPERIMENTAL OIL AND GAS BURNERS ...Boilers; Burners; Fuels; Furnaces and Incinerators; Heating Units; Nitrogen and Nitrogen Cpds.; Photography; ...1.0096

CHARACTERISTICS OF PARTICULATE EMISSIONS IN AUTO EXHAUSTS - DESIGN AND TEST SIMPLIFIED SAMPLING SCHEME ...Air Pollution Analysis; Cars; Combustion; Particulates - Air Pollution; ...1.0097

UPDATE NAPCA DATA FILE OF NATION-WIDE EMISSIONS ...Combustion; Fluorine; Lead; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Refuse Dumps; Statistics; ...1.0098

EVALUATION OF CONTRIBUTIONS OF VEHICULAR EXHAUST AND OTHER SOURCES TO ATMOSPHERIC LOADINGS OF POLLUTANTS IN THE N.Y.C. - N.J. AREA ...Air Pollution Sampling; Atmospheric Dynamics; Combustion; New Jersey; Nitrogen and Nitrogen Cpds.; Urban Research - general; ...1.0099

ENGINEERING STUDIES RELATED TO THE TECHNIQUES AND INSTRUMENTATION USED FOR FUEL AND FUEL ADDITIVE EVALUATIONS ...Air Pollution Monitoring; Air Pollution Sampling; Chemical Analysis -general; Combustion; Fuels; Meteorological Studies; Nitrogen and Nitrogen Cpds.; ...1.0100

URBAN RADIATION ...Humidity - Water Vapor; Nitrogen and Nitrogen Cpds.; Radiation -terrestrial; Solar Radiation -sunshine; ...1.0103

DETERMINATION OF THE EFFECTS OF FUEL ADDITIVES ON VEHICULAR EMISSIONS ...Combustion; Fuels; Lead; ...1.0105

DEVELOP AND MAINTAIN AN INFORMATION SYSTEM ON NATION-WIDE EMISSIONS FROM GASOLINE FUEL ADDITIVES ...Air Pollution Analysis; Cars; Combustion; Fuels; Gases; ...1.0106

EVALUATE FEASIBILITY AND NATURE OF A POSSIBLE PARTICULATE STANDARD FOR MOTOR VEHICLES ...Air Pollution; Cars; Fuels; Lead; Particulates - Air Pollution; Visibility; ...1.0108

EMISSION FROM THE PHOSPHATE FERTILIZER INDUSTRY - ANALYSIS OF SAMPLES ...Air Pollution Sampling; Chemical Industry; Fertilizer Industry; Gases; Particulates - Air Pollution; Product Development Research; Scrubbers; ...1.0110

MODEL RESIDUAL OIL COMBUSTOR ...Combustion; Fuels; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0114

PILOT PLANT COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Combustion; Energy Conversion; Furnaces and Incinerators; Lignite; Pilot Plants; ...1.0116

COMBUSTION TESTS OF LIGNITE AND WESTERN COALS ...Boilers; Coal Research; Combustion; Energy Conversion; Lignite; Pilot Plants; Power Plants -see Specifics; ...1.0117

KINETICS OF SULFUR-OXIDE FORMATION IN FLAMES ...Combustion; Kinetics; Oxidation; Sulfur Dioxide Removal; Vacuum Techniques; ...1.0118

5 - YEAR BATTELLE COMBUSTION STUDY ...Air Pollution -see Specifics; Combustion; ...1.0119

EFFECT OF FUEL VOLATILITY ON AUTOMOTIVE EMISSIONS ...Combustion; Engine; Engines; Fuels; Photochemical Reactions; ...1.0123

CHARACTERISTICS AND PHOTOCHEMICAL REACTIVITY OF FUEL COMPONENTS AND COMBUSTION PRODUCTS ...Combustion; Gas Chromatography; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Rate of Reaction; ...1.0127

RESEARCH INITIATION - PHOTOOXIDATION IN HYDROCARBON-NITROGEN OXIDE SYSTEMS: A CHARCTERIZATION OF REACTOR WALL EFFECTS ...Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Radiation; Reactors; Temperature; Wall Effects; ...1.0129

KINETICS OF NITRIC OXIDE AT HIGH TEMPERATURES ...Combustion; Degradation; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Temperature; ...1.0130

ANALYSIS OF CHEMICAL COMPOUNDS IN AN URBAN AEROSOL ...Aerosols; Air Pollution; Chromatography; Coulometry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0135

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII ...Activation Analysis; Air Pollution; Air Pollution Sampling; Antarctica; Atomic Absorption; Lead; Pacific Ocean; Trace Analysis; ...1.0138

VENTILATION DURING TUNNEL CONSTRUCTION ...Dust; Legal Studies-general; Particulate Matter - Air Poll.; Smoke -see Air Pollution; Tunnels; ...1.0140

TVA PLUME STUDIES ...Combustion; Furnace and Incinerator Design; Particulates - Air Pollution; Power Plants; ...1.0141

CONDUCT A STUDY OF EMISSIONS FROM OFF HIGHWAY INTERNAL COMBUSTION ENGINES (GASOLINE AND DIESEL) ...Combustion; Engines; Fuels; Nitrogen and Nitrogen Cpds.; Spark Ignition; ...1.0148

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Catalysts; Combustion; Fire Research -see Forest Fire; Food Contamination; Fuels; Mass Spectroscopy; Pyrolysis; Thin Layer Chromatography; ...1.0149

PARAMETRIC STUDY OF PETROL ENGINE PERFORMANCE, EFFICIENCY AND EXHAUST COMPOSITION ...Combustion; Engine; Engines; Nitrogen and Nitrogen Cpds.; Spark Ignition; ...1.0150

ATMOSPHERIC FLUIDS PROVENANCE USING STABLE ISOTOPES ...Air Pollution; Chemical Composition; Isotope Tracer -see Tracers; Nitrogen and Nitrogen Cpds.; ...1.0153

COMPOSITION AND DISTRIBUTION OF FOREST FIRE SMOKE ...Abies; Air Pollution -see Specifics; Chemical Analysis -general; Combustion Air Pollution-gen; Fire Research -see Forest Fire; Larix; Mathematical Models; ...1.0156

ANALYSIS OF THE ATMOSPHERIC PHOTOCHEMICAL REACTION PRODUCTS OF TERPENES ...Air Pollution -see Specifics; Chemical Analysis -general; Conifers; Photochemical Reactions; ...1.0157

FLAME RETARDANTS AND AIR POLLUTION FROM SLASH BURNING ...Atmospheric Dynamics; Combustion Air Pollution-gen; Fire Research -see Forest Fire; Forest Fires -see Fire; Smoke; Smoke -see Air Pollution; ...1.0161

THE CONTRIBUTION OF FOREST FIRES TO ATMOSPHERIC POLLUTION ...Air Pollution -see Specifics; Combustion; Fire Behavior - Identification; Fire Damage, Recovery; Fire Research - see Forest Fire; Smoke; ...1.0162

KINETICS OF NITROGEN-OXIDE AUTOMOTIVE POLLUTION ...Combustion; Degradation; Engine; Engines; Fuels; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0163

CHEMISTRY OF SULFUR IN HOT COMBUSTION GASES ...Adsorption; Catalysis, Heterogeneous; Chemical Mechanisms & Kinetics; Kinetics; Nitrogen and Nitrogen Cpds.; Oxidation; Temperature Effects; ...1.0164

INFRARED SPECTROSCOPIC ANALYSIS OF TRACE POLLUTANTS ...Air Pollution; Combustion; Fluidized Bed Reactor; Infrared Spectroscopy; Power Plants; Trace Analysis; ...1.0165

INTERACTION OF ELECTRON ACCEPTORS WITH CHLORPROMAZINE ...Electroanalyses; Muridae; Nitrogen and Nitrogen Cpds.; Spectrographic Techniques; Sulfur Dioxide; Temperature - Human Body; ...1.0177

BIOCHEMICAL EFFECTS OF AIR POLLUTANT OXIDANTS ...Air Pollution -see Specifics; Cell Injury and Autolysis; Gases; Oxidation; ...1.0183

PROPERTIES OF PARTICULATE POLLUTANTS ...Adsorption; Catalysts; Chemical Mechanisms & Kinetics; Gases; Humidity - Water Vapor; Particulates - Air Pollution; Temperature; ...1.0188

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aircraft; Aviation Medicine; Detectors and Sensors; Military Personnel; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Tobacco - cigars; Toxic Substances; ...1.0194

BIOCHEMICAL EFFECTS OF SIMULATED AIR POLLUTANTS ...Air Pollution -see Specifics; Cellular Physiology- Env. Eff.; Chelation & Complexing; ...1.0205

FUNCTIONAL ADAPTATIONS TO ATMOSPHERIC CONTAMINANTS ...Air Pollution -see Specifics; Carbon Monoxide; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Psychology; Toxicology; ...1.0210

PHYSIOLOGICAL RESPONSE TO ATMOSPHERIC POLLUTANTS ...Aerosols; Air Pollution -see Specifics; Caviidae; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0213

FACTORS AFFECTING EXCRETION OF INDUSTRIAL POISONS ...Biochemical Analysis - Tissues; Occupational Hazards; Toxic Substances; Toxicology; Urin .1.0215

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE USE OF REACTIVITY SCALES FOR PREDICTING CHEMICAL REACTIVITIES OF HC-NOX MIXTURES ...Aerosols; Air Pollution -see Specifics; Aldehydes -nonspecific; Dosimetry; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Ultra Violet Radiation; ...1.0238

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE REACTIVITY OF BENZALDEHYDE-NO AIR MIXTURES ...Aerosols; Chemical Analysis -general; Combustion; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Oxidants; ...1.0239

COLLECTION OF DATA RELATED TO THE CARCINOGENIC POTENTIAL OF HYDROCARBONS & ASSOCIATED POLLUTANTS COLLECTED DIRECTLY FROM THE AIR (ABBREV) ...Air Pollution; Air Pollution -see Specifics; Chemical Carcinogenesis; Mammals -nonspecific; Respiratory Irritants, Inhaled; ...1.0265

A STUDY OF ACUTE RESPIRATORY ILLNESS IN RELATION TO NITROGEN OXIDES AIR POLLUTION LEVELS IN CHATTANOOGA, TENNESSEE ...Air Pollution; Air Pollution -see Specifics; Combustion; Nitrogen and Nitrogen Cpds.; Respiratory Disease; Respiratory Irritants, Inhaled; Tennessee; ...1.0274

COMPLETE COLLECTION OF ANALYSES OF DATA ASSOCIATING HEALTH EFFECTS WITH EXPOSURE TO PB, AS, OR CD EMISSIONS FROM SMELTERS IN MONTANA & IDAHO ...Air Pollution -see Specifics; Arsenic; Chemical Analysis -general; Idaho; Lead; Miners; Occupational Hazards; ...1.0279

EYE IRRITATION RESPONSE MEASUREMENTS FOR EVALUATION OF PHOTOCHEMICAL REACTIVITIES OF HYDROCARBON-NO-AIR AND BENZALDEHYDE-NO-AIR MIXTURES ...Air Pollution -see Specifics; Aldehyde -nonspecific; Nitrogen and Nitrogen Cpds.; Oxidants; Photochemical Reactions; Radiation -see Specifics; Sulfur Dioxide; ...1.0283

CONTINUE STUDIES OF HUMAN BLOOD LEAD LEVELS IN RELATION TO ATMOSPHERIC LEAD LEVELS ...Air Pollution -see Specifics; Combustion; Fuels; Lead; Mammals -nonspecific; Toxicology; ...1.0284

ESR STUDIES OF BIOCHEMICAL EFFECTS OF ATMOSPHERIC POLLUTANTS ...Free Radical Reactions; Gases; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Tobacco - cigarettes; Tobacco Products &/or Smoking; ...1.0299

EFFECT OF AIR POLLUTANTS ON TEXTILE FABRICS ...Air Pollution Effects; Corrosion, Deterioration; Effects; Fibers; Home Economics; Humidity - Water Vapor; Temperature; ...1.0313

STUDY TO DETERMINE THE FATE OF CO IN THE ATMOSPHERE ...Algae -nonspecific; Carbon Monoxide; Microorganisms -nonspecific; Respiration; ...1.0318

EFFECTS OF DUSTS ON VEGETATION ...Air Pollution; Air Pollution Effects; Cell Injury and Autolysis; Industrial Pollution - general; Particulates - Air Pollution; Urban Environment; ...1.0320

THE EFFECTS OF ATMOSPHERIC CONTAMINANTS ON THE DURABILITY OF BUILDING MATERIALS ...Air Pollution; Coatings -see Materials; Corrosion, Deterioration; Coulometry; Inspection and Control; Plastics; ...1.0339

STUDY OF IRRADIATED AIR POLLUTANTS ON SPREAD FILMS ...Additives; Air Pollution -see Specifics; Antioxidants - nonspecific; Gases; Natural Occurring Membranes; Radiation Sources -general; ...1.0370

AIR POLLUTION ...Absorption - Chemistry; Air Pollution; Fibers; Gases; Home Economics; Sulfur Dioxide; ...1.0372

MULTIPLE LIGHT SCATTERING OF POLLUTED ATMOSPHERES ...Adsorption; Aerosols; Colloidal Phenomena; Light Scattering Analysis; ...1.0381

EFFECTS OF OZONE ON SELECTED MATERIALS ...Automotive Application; Coatings -see Materials; Controlled Atmosphere; Corrosion, Deterioration; Elastomers; Plastics; ...1.0386

EFFECTS OF PARTICULATES ON SOILING OF BUILDING MATERIALS ...Alabama; Construction Materials; Corrosion, Deterioration; New York; Particulates - Air Pollution; ...1.0387

GLACIER NATIONAL PARK ABATEMENT STUDY - ASSESSMENT OF VEGETATION EFFECTS ...Air Pollution -see Specifics; Fluorine; Loss Damages - Recreation; Monitoring; Parks; ...1.0389

MT STORM - W VIRGINIA - GARRETT COUNTY - MARYLAND ABATEMENT ACTION - FIELD INVESTIGATION ...Chemical Analysis -general; Dust; Fluorine; Industrial Pollution -general; Leaf Analysis; Monitoring; Nitrogen and Nitrogen Cpds.; ...1.0399

CONTROLLED ENVIRONMENT STUDIES ON METAL CORROSION CAUSED BY AIR POLLUTION ...Air Pollution Effects; Coatings -see Materials; Gases; Nitrogen and Nitrogen Cpds.; X-ray Spectroscopy; ...1.0405

PENNSYLVANIA POWER PLANT STUDY ...Farm Pond; Industrial Pollution -general; Lead; Pinus Strobus; Power Plants -see Specifics; Sulfur Dioxide; Wind -see Air Motion; ...1.0407

ENVIRONMENTAL POLLUTION TOXICOLOGY OF AIR FORCE MATERIALS ...Air Pollution; Contamination -see Air & Water; Degradation; Environment; Propellants; ...1.0411

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Mathematical Models; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0433

OPTIMIZATION STUDIES IN INDUSTRIAL POLLUTION CONTROL ...Air Cleaning Devices; Costs -see Economics Entries; Industrial Wastes; Waste Material Recovery; Waste Treatment; ...1.0447

AN EMISSION AND CONTROL COST STUDY OF THE REACTIVE METALS INDUSTRY ...Air Pollution; Chemical Industry; Economic Geology -general; Industry; Management; .. 1.0450

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Agricultural Economics; Forest Environment -general; Land Use; Losses Due to Pollution; Recreation, Water Resources; Remote Sensing; Smog; Value; .. 1.0456

AIR POLLUTION CONTROL COSTS ASSOCIATED WITH SOLID WASTE DISPOSAL ... Body; Inorganic Gases; Particulates - Air Pollution; Waste Type; ...1.0463

EMISSION AND CONTROL COST STUDY OF THE CEMENT INDUSTRY ...Ceramics; Costs -see Economics Entries; Industrial Wastes; Mineral Processing Industry; Particulates - Air Pollution; Waste Material Recovery; ...1.0464

DEVELOPMENT OF A PACKAGE OF ECONOMICALLY IMPORTANT MATERIALS TO MONITOR THE DAMAGING EFFECTS OF AIR POLLUTION ...Air Pollution Effects; Air Pollution Monitoring; Corrosion, Deterioration; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0468

MINERAL FUELS AND THE ENVIRONMENT - THE CASE OF INDUSTRIAL FUEL USERS ...Fuels; Iron & Steel Industry; Power Plants; ...1.0474

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Benefit-cost Analysis; Energy Conversion; Government -see Federal Gov.; Legal Studies; Petroleum Industry; Regulatory & Legal; Social Aspects; Water Resources Protection; ...1.0481

COLLECT AND STORE CURRENT NON-NAPCA AIR QUALITY DATA ...Air Pollution; Data & Statistics Info Storage; Weather Data; ...1.0490

PRIVATELY OWNED POWER PLANTS - FEDERAL CONTRACTS ...General Information Services; Power Plants; Power Plants -see Specifics; ...1.0500

ADEQUACIES OF ELEMENTS OTHER THAN CONTROL REGULATIONS IN PLANS FOR SO2, PARTICULATES, CO, HYDROCARBONS & OXIDANTS (ABBREV) ...Gases; Oxidants; ...1.0503

SURVEY FUEL ADDITIVE INFORMATION NEEDS AND IMPROVE RETRIEVAL OF DATA ...Data & Statistics Info Storage; Data Reduction and Analysis; Fuels; Information Systems; Literature Search; ...1.0514

STATE ASSISTANCE IN STANDARDS FORMULATION ...Air Pollution; Legal Studies-general; Oxidants; Particulates - Air Pollution; ...1.0522

EVALUATION OF ADOPTED AIR QUALITY STANDARDS ...Air Pollution; Legal Studies-general; Oxidants; Particulates - Air Pollution; ...1.0523

DEVELOP REFERENCE AIR QUALITY VALUES ...Air Pollution -see Specifics; Carbon Monoxide; Fluorine; Lead; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; ...1.0524

AIR POLLUTION CONTROL BY CATALYSIS ...Catalysts; Combustion; Fuels; Oxidation; Reduction Reactions; ...1.0535

SULFATION KINETICS IN SO2 ABSORPTION FROM FLUE GAS ...Absorption - Chemistry; Costs -see Economics Entries; Furnaces; Sulfur Dioxide Removal; ...1.0536

BASIC STUDY OF AIR POLLUTION WET-SCRUBBERS ...Absorption - Chemistry; Chemical Mechanisms & Kinetics; Energy Conversion; Foam; Particulate Matter - Air Poll.; Washing; ...1.0538

LOW EMISSION FUELS FOR VEHICLES ...Combustion; Engines; Fuel-systems; Fuels; Heat Recovery, Industrial; Thermal Decomposition; ...1.0539

REDUCTION OF NITRIC OXIDE BY GRAPHITE ...Adsorption; Combustion; Kinetics; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Reduction Reactions; ...1.0540

TECHNOLOGICAL AND ECONOMIC FEASIBILITY STUDY OF ADVANCED POWER CYCLES AND METHODS OF PRODUCING NON-POLLUTING FUELS ...Combustion; Desulfurization; Electric Power Generation; Energy Storage -general; Fuels; Thermal Cycles; ...1.0541

ENGINEERING REVIEW CONSULTATION ...Air Cleaning Devices; Air Pollution; Chemical Analysis -general; Consultants, Advisory Services; Water Quality Control -general; ...1.0543

AIR CLEANING ...Aerosols; Air Cleaning Devices; Air Pollution Sampling; Electrostatic Precipitators; Filters; Filtration; Particulates - Air Pollution; ...1.0544

NAVY FIRE FIGHTING SIMULATION ...Fire Research -see Forest Fire; ...1.0546

A MODEL FOR AIR POLLUTION CONTROL ...Air Pollution; Economic Theory; Gases; Mathematical Models; Model Studies; Particulates - Air Pollution; Weather Data; ...1.0551

DETERMINATION OF MASS FLOW AND CONCENTRATION OF SUSPENSIONS ...Chemical Analysis -general; Coal Research; Combustion; Dust; Electrostatic; Fuels; Furnace and Incinerator Design; ...1.0554

CONTROL OF NOX EMISSIONS FROM AIRCRAFT GAS TURBINES ...Combustion; Nitrogen and Nitrogen Cpds.; Turbines; ...1.0557

SO2 AND NOX REMOVALS FROM STACKS GASES BY CO ...Catalysis, Heterogeneous; Catalytic; Combustion; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0563

CONTROL TECHNIQUES FOR POLYCYCLIC ORGANIC MATTER ...Air Pollution -see Specifics; ...1.0564

RECOVERY OF NITROGEN AND SULFUR OXIDES FROM BOILER FLUE GASES ...Chemical Analysis -general; Combustion; Nitrogen and Nitrogen Cpds.; Pilot Plants; Waste Material Recovery; ...1.0565

NEW INORGANIC MATERIALS FOR SULFUR OXIDE REMOVAL ...Adsorption; Porosity; Sulfur Dioxide Removal; ...1.0568

ADSORPTION RATE STUDIES - AIR POLLUTION ...Adsorption; Gases; Packed Bed Reactor; Sulfur Dioxide Removal; ...1.0569

EVALUATION OF EMISSION CONTROL SYSTEMS FOR NEW VEHICLE ...Air Pollution; Cars; Combustion; ...1.0575

CATALYTIC MEDIA TO REDUCE NOX EMISSIONS FROM GASOLINE ...Catalysts; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0578

REDUCTION OF EMISSION CONTROL SYSTEM DEGRADATION ...Air Cleaning Devices; Combustion; Engine; Engines; ...1.0580

SYSTEMS STUDY OF NITROGEN OXIDES CONTROL METHODS FOR STATIONARY SOURCES ...Energy Storage - general; Furnaces and Incinerators; Nitrogen and Nitrogen Cpds.; ...1.0588

FUEL MODIFICATION FOR ABATEMENT OF AIRCRAFT ENGINE EMISSIONS ...Catalysts; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; ...1.0589

FUNDAMENTALS OF AIR CLEANING BY SORPTION PROCESSES ...Adsorption; Air Cleaning Devices; Heat Transmission; Infrared Spectroscopy; Mechanism Determination; Spectrographic Techniques; ...1.0596

REVERSIBLE METAL COMPLEXES WITH AIR POLLUTANTS ...Absorption - Chemistry; Catalysts; Chelation & Complexing; Kinetics; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0597

CONTROL TECHNIQUES FOR CHLORINE AND HYDROGEN CHLORIDE EMISSIONS ...Chlorine; Gases; ...1.0599

GAS CLEANING PROCESS STUDIES ...Adsorption; Air Cleaning Devices; Chemical Mechanisms & Kinetics; Kinetics; Nitrogen and Nitrogen Cpds.; Scrubbers; Waste Material Recovery; ...1.0602

CONTROL OF COMBUSTION CHEMISTRY - KINETICS AND CATALYST ...Catalysts; Combustion; Combustion Air Pollutiongen; Fuels; ' .etics; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0607

CONTROL TECHNIQUES FOR BERYLLIUM EMISSIONS ...Meetings; ...1.0610

PUBLISH NATIONWIDE EVALUATION OF AEROMETRIC DATA ON A REGIONAL BASIS FOR SPECIFIC POLLUTANTS ...Data & Statistics Info Storage; Particulates - Air Pollution, Statistics; ...1.0611

AIR QUALITY CONTROL SERVICE ...Air Pollution; Chemical Analysis -general; Consultants, Advisory Services; ...1.0613

COMPLETE EVALUATION OF STANDARDS FOR MOTOR VEHICLE FUEL COMPOSITION (INCLUDING ADDITIVES) ...Cars; Combustion; Constants; Fuels; ...1.0615

COMPLETE FEASIBILITY STUDY OF EVAPORATIVE STANDARDS FOR THE MARKETING OF GASOLINE ...Constants; Fuels; ...1.0616

SOME TRANSITION METAL CHEMISTRY AND STRUCTURES OF COMPLEXES INVOLVING TWO COMMON AIR POLLUTANTS ...Chelation & Complexing; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Ultraviolet Spectroscopy; ...1.0619

APPLICATIONS OF CRYOGENIC TECHNIQUES TO PROBLEMS IN AIR POLLUTION ...Air Pollution Monitoring; Atomic Plants; Combustion; Detectors and Sensors; Gases; Nuclear Reactor; Temperature Effects; ...1.0624

REGENERATION OF CARBON ADSORBENTS FOR SO2 ...Adsorption; Reducing Agents; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0625

SO2 SORPTION BY AND REMOVAL FROM POLYMERIC MATERIALS ...Adsorption; Combustion; Ion Exchange; Waste Material Recovery; ...1.0628

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Electron Diffraction; Fluorometry; Microscopy; Reduction Reactions; X-ray Spectroscopy; Xray Diffraction; ...1.0629

CHARACTERISTICS AND REMOVAL OF PYRITE FROM AMERICAN COALS ...Desulfurization; Energy Conversion; Heating Systems; Separation; Washing; ...1.0631

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GASES ...Absorption - Chemistry; Coal Research; Energy Conversion; Petroleum Research; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0632

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GAS--PART C ...Adsorption; Catalysts; Energy Conversion; Mass Spectroscopy; Spectrographic Techniques; Waste Material Recovery; ...1.0635

INCLUSION ADDUCTS FOR AIR PURIFICATION ...Chemical Mechanisms & Kinetics; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; ...1.0636

SORPTION OF GASEOUS POLLUTANTS BY CYCLED OPERATION ...Absorption - Chemistry; Adsorption; Combustion; Energy Conversion; Scrubbers; Solvent; Sulfur Dioxide Removal; ...1.0637

USE OF ELECTRIC FIELDS IN COMBUSTION ...Combustion; Electric Field; Furnace and Incinerator Design; Furnaces; Incineration; Nitrogen and Nitrogen Cpds.; Pilot Plants; ...1.0638

ENTHALPIMETRIC ANALYSIS ...Catalysis, Homogeneous; Chemical Mechanisms & Kinetics; Functions and Properties; Precipitation; Substitution; ...1.0639

ENGINE EMISSION REDUCTION BY COMBUSTION CONTROL ...Air Cleaning Devices; Combustion; Engines; Interferometry; ...1.0640

THE BINDING AND ACTIVATION OF SMALL COVALENT MOLECULES BY TRANSITION METAL COMPLEXES ...Chelation & Complexing; Nitrogen and Nitrogen Cpds; ...1.0641

INTERACTION OF FLUE GASES WITH CARBON SURFACES ...Catalysis, Heterogeneous; Combustion; Impurity; Oxidation; Porosity; Reduction Reactions; Sulfur Dioxide Removal; ...1.0642

CONSTRUCTION AND OPERATION OF LIMESTONE-WET SCRUBBING TEST FACILITY ...Scrubbers; ...1.0648

SAMPLING AND ANALYTICAL METHODS DEVELOPMENT FOR PROTOTYPE LIMESTONE - WET SCRUBBING TESTS ...Chemical Analysis -general; Pilot Plants; Scrubbers; ...1.0650

NON-FERROUS SMELTER CONTROL TECHNOLOGY ...Casting of Materials; ...1.0655

REMOVAL OF PYRITE FROM COAL BY DRY METHODS ...Combustion; Deashing; Desulfurization; Electrostatic; Energy Conversion; Magnetic; ...1.0658

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Coal Research; Combustion; Furnace and Incinerator Design; Packed Bed Reactor; Process Waste Recovery; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0661

STACK GAS SULFUR REMOVAL PROCESSES ...Chemical Mechanisms & Kinetics; Combustion, Energy Conversion; Waste Material Recovery; ...1.0662

A NEW DETECTOR FOR CARBON MONOXIDE IN AIR ...Chemical Analysis -general; Detectors and Sensors; Inorganic Gases; ...1.0665

NAVY ENVIRONMENT - COMPUTER CONTROL OF CHEMICAL INSTRUMENTS ...Air Pollution; Air Pollution -see Specifics; Gas Chromatography; Trace Elements; ...1.0667

STUDIES ON AEROSOLS OF SIZES DOWN TO 0.05 MICRON ...Aerosols; Coalescence; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Photolysis; ...1.0669

DEVELOPMENT OF AN IMPROVED NON-DISPERSIVE INFRARED ANALYZER FOR CARBON MONOXIDE ...Infrared Spectroscopy; ...1.0670

DEFINE AND DEVELOP UNIFORM PROCEDURES FOR MEASURING PERFORMANCE EVALUATION PROCEDURES FOR CONTINUOUS ATMOSPHERIC ANALYZERS ...Absorption - Chemistry; Air Pollution Analysis; Detectors and Sensors; Gases; Instrument Services; Nitrogen and Nitrogen Cpds.; Oxidants; ...1.0671

A NEW INSTRUMENT FOR KINETIC STUDIES OF AIR POLLUTION ...Air Pollution Monitoring; Analytical Instruments; Atmospheric Dynamics; Photoionization; Rate of Reaction; Trace Analysis; ...1.0672

TECHNIQUE FOR ACID AEROSOL DETECTION AND ANALYSIS (ABBREV) ...Aerosols; Chemical Analysis -general; Films; Plastics; ...1.0676

HIGH SPEED INTERFEROMETER EXPERIMENT DEVELOPMENT ...Air Pollution Analysis; Atmosphere; Interferometry; Resolution; Spacecraft Sensory Devices; Trace Analysis; ...1.0678

CONTINUOUS ATMOSPHERIC LEAD SAMPLER ...Chemical Analysis -general; Lead; ...1.0680

EXPERIMENTAL LASER MEASUREMENT RESEARCH ...Air Pollution Analysis, Functions and Properties; Lasers and Masers; Plasmas; ...1.0683

HIGH RESOLUTION IR ABSORPTION SPECTRA OF GAS POLLUTANTS AT AMBIENT CONDITIONS AND TO INCLUDE SO2, NO, NO2, NH3, HNO3, C2H4 INITIALLY ...Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; ...1.0685

MEASUREMENTS FOR AIR QUALITY ...Aerosols; Air Pollution Analysis; Chemical Composition; Gases; Light Scattering Analysis; Particulates - Air Pollution; Raman Spectroscopy; ...1.0687

FEASIBILITY STUDIES TO DETERMINE THE USE OF VARIOUS MATERIALS AS STANDARD REFERENCES FOR AIR POLLUTION MEASUREMENTS ...Air Pollution Monitoring; Energy Conversion; Inorganic Gases; Oxidants; Particulates - Air Pollution; ...1.0692

DETERMINE THE FEASIBILITY OF USING NO2 PERMEATION TUBES AS PRIMARY STANDARDS FOR TRACE GAS ANALYSIS ...Nitrogen and Nitrogen Cpds.; Trace Analysis; ...1.0693

ATMOSPHERIC CHEMISTRY OF BORON ...Aerosols; Air - Water; Colorimetric Methods; Electrochemistry; Spectrog aphic Techniques; ...1.0697

USE OF SOLID-STATE DETECTORS FOR DETECTING ALPHA PARTICLE TRACKS - APPLICATION TO MEASUREMENT OF AIRBORNE CONTAMINATION ...Air Pollution Analysis; Detectors and Sensors; Radiochemical Analysis; ...1.0698

BENDIX MULTI-CHANNEL IR SPECTROPHOTOMETER DEVELOPMENT FOR LONGPATH MONITORING OF OZONE ...Infrared Spectroscopy; ...1.0701

SPREADING OF LEAD IN RURAL AREAS ...Air Pollution -see Specifics; Combustion; Food Contamination; Lead; Rural Areas; Toxic Substances; Water Pollutants - Path of; X-ray Spectroscopy; ...1.0703

INSOLUBLE ION ASSOCIATION COMPOUNDS AS ANALYTICAL REAGENTS ...Analysis and Detection; Chelation & Complexing; Colorimetric Methods; ...1.0705

NEW ANALYTICAL METHODS FOR SULFUR DIOXIDE ...Adsorption; Detectors and Sensors; Spectrographic Techniques; Trace Analysis; Waste Material Recovery; ...1.0706

THE DIRECT AND CONTINUOUS DETERMINATION OF METALS IN AIR ...Air Pollution Monitoring; Combustion Air Pollution-gen; Incinerators; Lead; Mercury; Trace Analysis; ...1.0707

SELECTIVE AND SENSITIVE METHODS FOR THE DETERMINATION OF SULFURIC ACID AEROSOLS ...Aerosols; Chelation & Complexing; Electroanalyses; Electrochemistry; Mercury; Reduction Reactions; Spectrographic Techniques; ...1.0708

USE OF SOLID STATE DETECTORS IN AIR POLLUTION RESEARCH ...Chemical Mechanisms & Kinetics; Detectors and Sensors; Electrical Phenomena; Lead; Nitrogen and Nitrogen Cpds.; Trace Analysis; ...1.0709

SUBMARINE ATMOSPHERE MONITORING EQUIPMENT ...Chemical Analysis -general; ...1.0710

DEVELOPMENT OF ANALYTICAL METHODS FOR AIR POLLUTION ANALYSIS ...New Hampshire; Trace Analysis; ...1.0715

APPLICATION OF SOLID STATE DIODE LASERS TO VERY HIGH RESOLUTION SPECTROSCOPY OF GAS POLLUTANTS - SO2, CH2O, O3 ...Gases; Interferometry; Lasers and Masers; Particulates and Aerosols; Resolution; Windows; ...1.0716

FEASIBILITY OF RAMAN SCATTER TECHNIQUE FOR REMOTE MONITORING OF NO AND SO2 IN STACK EMISSIONS ...Combustion; Detectors and Sensors, Nitrogen and Nitrogen Cpds.; ...1.0718

CONTINUOUS CHROMATOGRAPHIC MONITORING OF GAS STREAMS ...Air Pollution Monitoring; Chromatography; Gases; ...1.0720

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution Control Systems; Chemical Analysis -general; Combustion; Energy Conversion; Engines; Inorganic Gases; Radiometric Analysis; ...1.0721

GAS CHROMATOGRAPHY AND AIR POLLUTION CONTROL ...Adsorption; Gas Chromatography; Inorganic Gases; Vacuum Techniques; ...1.0722

THEORETICAL INVESTIGATION OF INFRARED RADIATIVE TRANSFER ...Infrared Spectroscopy; ...1.0725

STUDY THE LEVELS OF POLYCYCLIC HYDROCARBONS IN AN URBAN ATMOSPHERE ...Aerosols; Air Pollution -see Specifics; Organic Compounds; Urban Environment; Weather Data; ...1.0730

GENERATION AND DECAY OF SMALL IONS ...Aerosols; Coagulation; Detectors and Sensors; Electroanalyses; Heat Transmission; Oxidation; Photochemical Reactions; ...1.0731

CONTINUOUS PARTICULATE MONITORS FOR FOSSIL FUEL COMBUSTION SOURCES ...Air Pollution Monitoring; Coal Research; Combustion; Exhaust, Combustion -see Auto; Particulate Matter - Air Poll.; Particulates - Air Pollution; ...1.0733

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Analysis; Air Pollution Monitoring; Combustion; Combustion Air Pollution-gen; Energy Conversion; Heat Balance - Budget; Power Plants; Urban Research -general; ...1.0735

DEVELOPMENT OF ANALYTICAL TECHNIQUES BASED ON HOMOGENEOUS GAS PHASE LUMINESCENT REACTIONS ...Chemical Analysis -general; Nitrogen and Nitrogen Cpds.; ...1.0736

ATOMIC ABSORPTION SPECTROSCOPY WITH A HIGH TEMPERATURE FURNACE ...Air Pollution Monitoring; Atomic Absorption; Clouds - Precipitation; Montana; Particulates and Aerosols; Snow; ...1.0737

ESSO - INSTRUMENTATION PLAN DEVELOPMENT ...Chemical Analysis -general; Marketing; ...1.0738

ANALYTICAL METHODS FOR AROMATICS IN AUTO EXHAUST ...Chemical Carcinogenesis; Combustion; Gas Chromatography; Trace Analysis; ...1.0739

CONTKOLLED CONVERSION OF GASES INTO DETECTABLE PARTICLES ...Air Pollution Analysis; Chemical Analysis - general; Gases; Particulates - Air Pollution; Rate of Reaction; ...1.0741

INFRARED REMOTE SENSING OF AIR POLLUTANTS AND FOREST FIRES ...Air Pollution Monitoring; Detectors and Sensors; Gases; Infrared Spectroscopy; Radiochemical Analysis; ...1.0742

MEASUREMENT OF OZONE CONCENTRATIONS IN THE ATMOSPHERE ...Air Pollution -see Specifics; Air Pollution Analysis; Gases; Membranes; ...1.0747

PUBLISH BASIC AIR QUALITY DATA ...Air Pollution; Data & Statistics Info Storage; Data Reduction and Analysis; ...1.0750

FIELD PERFORMANCE EVALUATION AND APPLICATION OF BENDIX OZONE MONITOR TO SMOG ATMOSPHERE IN LOS ANGELES ...Air Pollution Monitoring; California; Smog; ...1.0751

START OF FIELD STUDY OF IR EMISSION SPECTRA FROM SO2 IN POWER PLANT PLUMES ...Exhaust, Combustion -see Auto; Gases; Infrared Spectroscopy; Power Plants -see Specifics; ...1.0752

PROVIDE TECHNICAL ASSISTANCE TO STATE AND LOCAL AIR POLLUTION GROUPS IN THE OPERATION OF FIELD MONITORING EQUIPMENT ...Air Pollution Monitoring; Chemical Analysis -general; ...1.0755

PROVIDE TECHNICAL ASSISTANCE TO STATE AND LOCAL AGENCIES IN AIR QUALITY SURVEILLANCE ACTIVITIES ...Air Pollution -see Specifics; Air Pollution Monitoring; Air Pollution Sampling; ...1.0756

EVALUATE IMPLEMENTATION PLANS WITH RESPECT TO SELECTION OF MONITORING SYSTEMS AND SITES IN AQCR'S ...Air Pollution Monitoring; Chemical Analysis -general; ...1.0758

DEVELOP A SEMI-AUTOMATED ANALYSIS FOR BENZO(A)PYRENE ...Liquid Chromatography; ...1.0763

DEVELOP AND EVALUATE A ROUTINE METHOD FOR MEASURING BENZANTHRONE ...Fluorometry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0764

MEASUREMENT OF VISIBILITY REDUCTION BY PARTICULATES BASED ON OPTICAL PROPERTIES OF URBAN PARTICULATES (ABBREV) ...Air Pollution Analysis; Light Scattering Analysis; Particle Separators; Particulates - Air Pollution; Urban Research -general; ...1.0765

EMISSION INVENTORIES OF FEDERAL FACILITIES IN AQCR'S ...Combustion; Data Reduction and Analysis; Exhaust, Combustion -see Auto; Furnaces; Nitrogen and Nitrogen Cpds.; Smoke -see Air Pollution; Statistics; ...1.0768

OPERATE A SPECIAL PARTICULATE NETWORK UTILIZING MEMBRANE FILTER SAMPLERS ...Air Pollution -see Specifics; Air Pollution Sampling; Asbestos; Automatic Weather Stations; Membranes; Particulates - Air Pollution; Trace Elements; ...1.0771

OPERATE A NATIONAL NETWORK FOR INTERMITTENT SAMPLING OF GASEOUS POLLUTANTS ...Absorption - Chemistry; Data & Statistics Info Storage; Mercury; Nitrogen and Nitrogen Cpds.; ...1.0772

LABORATORY SUPPORT TO AIR MONITORING OPERATIONS ...Air Pollution Monitoring; Analytical Instruments; ...1.0775

TECHNICAL SUPPORT TO FEDERAL FACILITIES - SOURCE SAMPLE ANALYSIS - AIR MONITORING - AND VEGETATION EFFECTS ...Air Pollution -see Specifics; Air Pollution Monitoring; Air Pollution Sampling; Chemical Analysis -general; Monitoring; ...1.0776

MAINTAIN AND PROVIDE UP-TO-DATE INFORMATION ON AIR POLLUTANT EMISSION FACTORS ...Air Pollution; Combustion; Data Acquisition; ...1.0777

DEVELOPMENT OF HEAVY HYDROCARBON ANALYZER AND EVALUATION OF CONTINUOUS OXIDES OF NITROGEN ANALYZER FOR ADVANCED POWER PLANT STUDIES ...Chemical Analysis -general; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; Power Plants -see Specifics; ...1.0778

DEVELOPMENT OF IN-HOUSE INSTRUMENTAL METHODS ...Air Pollution Analysis; Analytical Instruments; Chlorine; Gases; ...1.0779

PROVIDE TECHNICAL ASSISTANCE TO STATE AND LOCAL AGENCIES REGARDING SPECIAL AIR QUALITY SURVEILLANCE PROJECTS ...Air Pollution Analysis; Iron & Steel Industry; ...1.0780

MONITOR 1) CO-CH4 BY GC, 2) O3 BY CHEMILUMINESCENCE, 3) H2S BY ELECTROLYTIC DETECTORS, & 4) PARTICULATES BY SPOT EVALUATORS (ABBREV) ...Air Pollution Monitoring; Air Pollution Sampling; Particulates - Air Pollution; ...1.0782

FIELD PERFORMANCE AND APPLICATION EVALUATION OF BARRINGER REMOTE SENSING AND INSTACK MEASUREMENT OF SO2 EMISSIONS BY CORRELATION SPECTROSCOPY ...Air Pollution Analysis; Gases; Infrared Spectroscopy; Ultra - Violet Radiation; Ultraviolet Spectroscopy; ...1.0784

ANALYZE THE CYCLICAL VARIATION OF AIR QUALITY ...Correlation; Particulates - Air Pollution; Time Series Analysis; ...1.0788

MEASUREMENT TECHNIQUES FOR THE NUCLEIC ACIDS AND THEIR BREAKDOWN PRODUCTS ...Air Pollution -see Specifics; ...1.0789

ANALYSIS OF FLAVONOLS AND OTHER PHENOLS ...Air Pollution -see Specifics; Bioindicators; Biological Organisms; Natural Sources; Particulates - Air Pollution; Phenols; Pollens -see Air Pollution; ...1.0792

LIQUID CHROMATOGRAPHY STUDIES ...Air Pollution -see Specifics; Biochemical Analysis - Tissues; Chemical Carcinogenesis; Chromatography; Column Chromatography; Liquid Chromatography; ...1.0793

CONTACT MONITORING OF INSTRUMENTATION DEVELOPMENTS FOR MOBILE SOURCES ...Air Pollution Monitoring; Combustion; Combustion Air Pollution-gen; Gases; Mass Spectroscopy; Organic Compounds; ...1.0794

EVALUATION OF METHODS FOR DETERMINATION OF NITROGEN OXIDES IN AUTOMOTIVE EMISSIONS ...Combustion; Electroanalyses; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Ultraviolet Spectroscopy; ...1.0795

DEFINITION OF OXIDE OF NITROGEN STANDARD ...Chemical Analysis -general; Nitrogen and Nitrogen Cpds.; ...1.0796

ANALYZE SAMPLES FOR SO2 AND NO2 ...Absorption - Chemistry; Data & Statistics Info Storage; Nitrogen and Nitrogen Cpds.; ...1.0801

EVALUATION OF ADVANCED SPECTROSCOPIC TECHNIQUES ...Microwave Spectroscopy; Nitrogen and Nitrogen Cpds.; ...1.0804

DEVELOP TECHNIQUES FOR STORING CHEMICAL INFORMATION PROPORTIONAL TO 24-HOUR AVERAGE CONCENTRATIONS OF SO2 AND NOX ...Absorption - Chemistry; Air Pollution Monitoring; Gases; Nitrogen and Nitrogen Cpds.; ...1.0805

DEVELOPMENT AND TESTING OF A FLAME PHOTOMETRIC DETECTOR DESIGNED TO MEASURE OXIDES OF NITROGEN ...Detectors and Sensors; Emission Spectroscopy; Nitrogen and Nitrogen Cpds.; ...1.0806

FRABRICATION AND EVALUATION OF A PORTABLE FLAME PHOTOMETRIC DETECTOR DESIGNED TO MEASURE SO2 AND NOX IN STACK PLUMES ...Combustion; Detectors and Sensors; Emission Spectroscopy; Nitrogen and Nitrogen Cpds.; ...1.0807

EVALUATION OF ELECTROCHEMICAL SENSORS FOR SOURCE CONCENTRATIONS OF SO2 AND NOX ...Combustion; Electroanalyses; Energy Conversion; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide Removal; ...1.0808

ANALYTICAL METHODS EVALUATION SERVICE ...Heat Measurement; ...1.0809

DEVELOP NOX MEASUREMENT PROCEDURE FOR FEDERAL REGISTER ...Chemical Analysis -general; Nitrogen and Nitrogen Cpds.; ...1.0811

ANALYZE SAMPLES OBTAINED FROM THE COOPERATIVE STUDY CONDUCTED IN ENGLAND ...Air Pollution Sampling; British Isles; Combustion; Particulates - Air Pollution; Trace Elements; ...1.0814

ANALYZE COLLECTED PARTICULATE POLLUTANT FOR SOLUBLE NON-METAL IONS ...Air Pollution Sampling; Chemical Analysis -general; Particulates - Air Pollution; ...1.0817

ESTABLISH THE EFFICIENCY OF RECOVERY OF BERYLLIUM FROM SAMPLES OF COLLECTED PARTICULATE MATTER ...Emission Spectroscopy; Particulates - Air Pollution; ...1.0819

CONSULT WITH LOCAL, STATE, REGIONAL, AND OTHER FEDERAL AGENCIES ON ANALYTICAL METHODOLOGY AND PROCEDURES ...Air Pollution Analysis; Chemical Analysis -general; Consultants, Advisory Services; ...1.0820

ON-THE-JOB TRAINING FOR PERSONNEL OF REGIONAL, STATE, LOCAL AND OTHER FEDERAL AGENCIES OR OTHER NAPCA PROGRAMS (ABBREV) ...Chemical Analysis -general; Data & Statistics Info Storage; Training Grants, Fellowships; ...1.0821

ANALYZE SAMPLES FOR SO2 AND NO2 ...Absorption - Chemistry; Data & Statistics Info Storage; Nitrogen and Nitrogen Cpds.; ...1.0823

WEIGH AND COMPUTE CONCENTRATION OF SUSPENDED PARTICULATE MATTER IN SAMPLES COLLECTED BY THE NASN ...Air Pollution Analysis; Filtration; Membranes; Temperature; ...1.0824

ANALYZE COLLECTED SAMPLES OF SUSPENDED PARTICULATE MATTER FOR BENZENE SOLUBLE ORGANICS AND FOR BENZO(A)PYRENE ...Air Pollution Analysis; Fluorometry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0825

FIELD INVESTIGATION IN A NEW ABATEMENT CASE ...Air Pollution Effects; Air Pollution Monitoring; Meetings; ...1.0826

AIR MONITORING INSTRUMENT LOAN AND CONSULTATION TO ESTABLISH DATA BASE IN AQAR'S ...Air Pollution Monitoring; Fuels; Nitrogen and Nitrogen Cpds.; Oxidation; Particulates - Air Pollution; ...1.0828

ANALYSIS OF LIPIDS IN AEROBIOLOGICAL PARTICLES ...Air Pollution -see Specifics; Biological Organisms; Industrial Pollution -general; Natural Sources; Particulates - Air Pollution; ...1.0829

DEVELOPMENT OF AIR SAMPLING METHODOLOGY ...Air Pollution -see Specifics; Biochemical Analysis - Tissues; Computer Methods -general; Coulometry; Electrochemistry; Gas Chromatography; Monitoring Devices; ...1.0830

ANALYZE SAMPLES COLLECTED FROM AMBIENT AIR FOR TOTAL MERCURY ...Absorption - Chemistry; Air Pollution Analysis; Air Pollution Sampling; Chemical Analysis -general; Mercury; ...1.0831

ANALYSIS OF SUSPENDED PARTICULATE SAMPLES (ABBREV) ...Atomic Absorption; Emission Spectroscopy; Microscopy; X-ray Spectroscopy; Xray Diffraction; ...1.0832

IMPROVE AND QUANTITATE A TENTATIVE METHOD FOR ASBESTOS ...Asbestos; Particulates - Air Pollution; ...1.0833

MICROANALYTICAL METHODS FOR AIR FORCE MATERIALS IN TOXICOLOGICAL AND ENVIRONMENTAL POLLUTION INVESTIGATION ...Detectors and Sensors; Propellants; Toxicology; Trace Analysis; ...1.0835

SINGLE COMBUSTOR RIG INVESTIGATION OF TURBINE ENGINE EXHAUST EMISSIONS ...Air Cleaning Devices; Chemical Analysis -general; Combustion; Engines; Fuels; Turbines; ...1.0836

IMPLEMENTATION OF A LASER AS AN AIR POLLUTION PROBE ...Lasers and Masers; ...1.0839

DEVELOP & IMPLEMENT OPERATIONAL SYSTEM FOR EVALUATING & COLLABORATIVELY TESTING METHODS RECOMMENDED FOR AIR POLLUTION MEASUREMENT (ABBREV) ...Air Pollution; Air Pollution Analysis; Aldehydes - nonspecific; Carbon Monoxide; Lead; Methane; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0843

FIELD EVALUATION OF METHODS RECOMMENDED FOR COLLABORATIVE TESTING AND ADOPTION AS STANDARDS FOR AIR POLLUTION MEASUREMENTS ...Air Pollution Monitoring; Chemical Analysis -general; ...1.0844

POLLUTANTS IN CHIMNEY STACK PLUMES ...Air Pollution - see Specifics; Combustion; Energy Conversion; Infrared Spectroscopy; Particulate Matter - Air Poll.; Radiation Detectors; ...1.0846

IONIZATION METHODS OF GAS ANALYSIS ...Chemical Mechanisms & Kinetics; Detectors and Sensors; Inorganic Gases; Instrument Services; Solid State Engineering; ...1.0847

ATMOSPHERIC POLLUTION BY DIESEL ENGINES ...Air Pollution Monitoring; Combustion; Diesel Equipment; Engines; Smoke; ...1.0850

AIR POLLUTION SENSING ...Air Pollution Monitoring; Aircraft Remote Sensing; Detectors and Sensors; Gases; Infrared Radiation; Spacecraft Sensory Devices; Urban Research -general; ...1.0851

EVALUATION OF A NEW 'CRYOGENIC SAMPLER' FOR FIELD USE ...Air Pollution Analysis; Air Pollution Sampling; Analytical Instruments; Concentration; Freeze Drying; Temperature Effects; Trace Analysis; ...1.0854

INFLUENCE OF AEROSOL CHARACTERISTICS ON VISIBILITY ...Aerosols; Air Pollution Monitoring; Chemical Composition; Optical Properties; Visibility; ...1.0856

HETEOGENEOUS REACTIONS IN AIR POLLUTION ...Adsorption; Corrosion, Deterioration, Nitrogen and Nitrogen Cpds.; Oxidation; Zinc; ...1.0861

PHOTOCHEMISTRY OF SUBSTANCES PRESENT IN URBAN AIR ...Mechanism Determination; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Rate of Reaction; Spectrographic Techniques; Urban Research -general; ...1.0862

CATALYTIC REDUCTION OF OXIDES OF NITROGEN ...Catalysis, Heterogeneous; Catalytic; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0863

PHOTOLYTIC OXIDATION IN THE PRESENCE OF NO2 ...Light-catalyzed; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Oxidation; Photolysis; Rate of Reaction; Urban Research -general; ...1.0864

POLARIZATION OF E.M. RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Effects; Light Visible Specroscopy; Polarography; Tectonics; Ultraviolet Spectroscopy; ...1.0865

CATALYSTS FOR AUTOXIDATION OF TOXIC GASES ...Autooxidation; Catalysts; Catalytic; Chelation & Complexing; Nitrogen and Nitrogen Cpds.; ...1.0866

CHEMICAL AND SPECTROSCOPIC INVESTIGATION OF AIR POLLUTANTS ...Air Pollution; Detectors and Sensors; Light Visible Specroscopy; Ultraviolet Spectroscopy; ...1.0868

MECHANISMS OF PHOTOCHEMICAL REACTIONS IN URBAN AIR ...Aerosols; Lead; Nitrogen and Nitrogen Cpds.; Oxidation; Particulates - Air Pollution; Photochemical Reactions; Urban Research -general; ...1.0869

SINGLET MOLECULAR OXYGEN - OXIDATION IN POLLUTED AIR ...Air Pollution -see Specifics; Atmospheric Dynamics; Detectors and Sensors; Infrared Spectroscopy; Photosensitizer; Spectrographic Techniques; ...1.0870

PHOTOCHEMICAL REACTIONS IN A FLOW REACTOR ...Aerosols; Flow Reactor; Infrared Spectroscopy; Light-catalyzed; Photochemical Reactions; ...1.0871

IMPLEMENTATION OF A LABORATORY AUTOMATION SYSTEM ...Information Science; Information Systems; Man Machine Systems; Xray Diffraction; ...1.0872

AIR POLLUTION CHEMISTRY BY PHOTOFRAGMENT SPECTROSCOPY ...Functions and Properties; Nitrogen and Nitrogen Cpds.; Photolysis; ...1.0873

THE CHEMISTRY AND PHOTOCHEMISTRY OF AIR POLLUTANTS ...Atmospheric Dynamics; Photochemical Reactions; ...1.0874

TRACER STUDIES IN AIR POLLUTION - SULFUR DIOXIDE ...Aerosols; Catalysis, Heterogeneous; Energy Conversion; Isotope Tracer -see Tracers; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0875

STUDIES OF O ATOM REACTIONS OF ATMOSPHERIC IMPORTANCE ...Gas Chromatography; Mass Spectroscopy; Mechanism Determination; Oxidation; Rate of Reaction; Spectrographic Techniques; ...1.0876

STATISTICAL METHODS IN AEROSOL STUDIES ...Aerosols; Air Pollution Analysis; Coalescence; Literature Search; Stochastic Processes; ...1.0878

FORMATION OF NONVOLATILE PARTICULATES FROM ORGANIC VAPORS ...Electromagnetic Radiation; Humidity - Water Vapor; Organic Compounds; Particulates and Aerosols; Solar Radiation -sunshine; ...1.0881

HOMOGENEOUS NUCLEATION IN CONTAMINATED ATMOSPHERES ...Adsorption; Condensation Physics; Gases; Humidity - Water Vapor; Particulates - Air Pollution; ...1.0882

OXIDATION MECHANISMS ON SUPPORTED CHROMIA CATALYSTS ...Catalysis, Heterogeneous; Combustion; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; ...1.0884

ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF THE REACTION KINETICS OF MAJOR AIR POLLUTANTS ...Air Pollution; Chemical Mechanisms & Kinetics; Fuels; Kinetics; Shock-wave; ...1.0885

TOXIC MATERIALS IN NUCLEAR SUBMARINES ...Air Pollution -see Specifics; Degradation; Marine Materials; Submarine & Diving Medicine; Toxic Substances; Toxicology; ...1.0888

PHOTOSENSITIZED OXYGENATIONS ...Air Pollution -see Specifics; Isotope Effects; Mechanism Determination; Photoactivation and React; Pollution Effects -see Water; Vertebrates - nonspecific; ...1.0889

CHEMISTRY OF SINGLET OXYGEN FROM OZONE SOURCES ...Gases; Oxidation; Ozonization; Photochemical Reactions; Smog; ...1.0894

E.P.R. STUDY OF PHOTOREACTIONS IN THE ATMOSPHERE ...Chemical Mechanisms & Kinetics; Nitrogen and Nitrogen Cpds.; Oxidation; Spectrographic Techniques; ...1.0895

REACTIONS OF SO2 WITH HYDROCARBONS, CO AND H2 ...Catalysis, Heterogeneous; Catalytic; Statistical; Temperature; ...1.0897

ASPECTS OF CHEMICAL REACTIONS OF AIR POLLUTANTS ...Degradation; Kinetics; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; ...1.0900

STUDY OF THE EFFECT OF CARBON MONOXIDE ON THE RATE OF PHOTOOXIDATION OF HYDROCARBONS IN THE PRESENCE OF ULTRAVIOLET LIGHT & OXIDES OF NITROGEN ...Impurity; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Oxidation; Rate of Reaction; ...1.0901

EVALUATION OF THE EFFECTS OF SO2 AND NO ON THE PHOTOCHEMICAL REACTIVITY OF AIR PARCELS OF THE N.Y.C. - N.J. AREA ...Nitrogen and Nitrogen Cpds.; Oxidants; Photochemical Reactions; Rate of Reaction; ...1.0902

MEASURE AND COMPARE REACTIVITIES AND COMPOSITION OF AIR PARCELS FROM BAYONNE, LINDEN, WILLOWBROOK, AND BRONX (ABBREV) ...Air Pollution Sampling; Constants; New Jersey; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0903

TRANSITION METAL CHEMISTRY OF TWO COMMON AIR POLLUTANTS ...Catasysis, Heterogeneous; Chelation & Complexing; Nitrogen and Nitrogen Cpds.; Oxidation; Reduction Reactions; ...1.0904

ELEMENTARY REACTIONS IN POLLUTED ATMOSPHERES ...Degradation; Free Radical Reactions; Mechanism Determination; Oxidation; Photochemical Reactions; Photolysis; Rate of Reaction; ...1.0905

PHOTOCHEMICAL GAS-PARTICLE INTERACTIONS ...Photochemical Reactions; ...1.0906

ELEMENTARY REACTIONS IN PHOTOCHEMICAL SMOG ...Atmospheric Dynamics; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Rate of Reaction; Smog; ...1.0907

MECHANISMS OF PHOTOCHEMICALLY INITIATED OXIDATION ...Mechanism Determination; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Rate of Reaction; ...1.0908

MATRIX-ISOLATED SPECTRA OF NITROGEN OXIDES ...Kinetics; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Photolysis; Temperature Effects; ...1.0909

CONVERSION OF NO TO NO2 IN POLLUTED ATMOSPHERES ...Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Photolysis; Quantum Yield; Rate of Reaction; Urban Research -general; ...1.0912

THE REACTON OF METALLOPORPHYRINS WITH AIR POLLUTANTS ...Degradation; Nitrogen and Nitrogen Cpds.; Spectrographic Techniques; ...1.0913

DYNAMICAL THEORIES OF KNUDSEN AEROSOLS ...Aerosols; Electric Field; Heat Transmission; Mass Transfer; ...1.0915

THE REACTION OF O('D) ATOMS WITH WATER VAPOR ...Degradation; Photolysis; Rate of Reaction; ...1.0916

RAIN SCAVENGING STUDIES ...Air Pollution; Atmosphere Disturbance; Cloud Physics; Diffusion; Lead; Tracers; ...2.0194

MERCURY IN THE ENVIRONMENT ...Analysis and Detection; Environmental Effects - Human; Mercury; ...2.0199

ANALYZE PRECIPITATION SAMPLES FOR SELECTED COMPONENTS ...Air Pollution Sampling; Atmospheric Dynamics; Chemical Analysis -general; Precipitation; ...2.0289

WATER PURIFICATION BY LARGE-SCALE ELECTROPHORESIS ...Bacteriophage; Electrophoresis; Membranes; Sewage Bacteria; ...2.0872

INPUT-OUTPUT ANALYSIS OF GENERATION AND ELIMINATION OF POLLUTION IN THE UNITED STATES ECONOMY ...Air Pollution; Benefit-cost Analysis; Income Development & Growth; Process Development; Water Chemistry; ...2.1848

INCINERATION OF PLASTICS FOUND IN MUNICIPAL REFUSE ...Air Pollution; Burning; Contamination; Incineration; Pyrolysis; ...3.0248

CHEMICAL PULPING AND BLEACHING ...Electrolytic; Industrial Pollution -general; Materials -properties; Pulp and Paper Wastes; Reduction Reactions; Water Chemistry; ...3.0351

CULTURE AND PHYSIOLOGY OF FLUE-CURED TOBACCO ...Growth Substances; Nicotiana; Pesticide Action on Plants; Pesticides -other; Tillage, Cropping Systems; ...4.0295

SELECTIVE TOXICITY - AN APPROACH TO ENVIRONMENTAL HEALTH ...Animal; Environmental Effects - Human; Mammals -nonspecific; Sulfur; ...4.0764

TRACE MERCURY IN ENVIRONMENTAL MATERIALS ...Mercury; Trace Element Analysis; ...4.0934

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Element Ratios; Environmental Geology; Evolution; Genetic Relationships; Geochemical Investigations; Lead; Petrology; Radiochemical Analysis; Uranium; ...5.0016

TRITIATED HYDROGEN IN THE ATMOSPHERE - OF A NEW ULTRA-SENSITIVE TECHNIQUE FOR ENVIRONMENTAL SAMPLING IN NATURE AND INDUSTRY (ABBREV.) ...Adsorption; Atmospheric Dynamics; Catalysis, Heterogeneous; Combustion; Detectors and Sensors; Industrial Wastes; Radioactivity; ...5.0813

Odor

CHEMICAL ASPECTS OF AIR POLLUTION FROM KRAFT PULPING ...Process Development; Pulp and Paper Wastes; ...1.0058

DOCUMENT ODOROUS CONSTITUENTS IN DIESEL EXHAUST ...Chemical Analysis -general; Combustion; Fuels; ...1.0085

EMISSIONS FROM THE PULP AND PAPER INDUSTRY - ANALYSIS OF SAMPLES ...Air Pollution Sampling; Chemical Analysis -general; Gases; Noise -see Noise; Pulp and Paper; Pulp and Paper Wastes; ...1.0111

SOURCE TESTS OF PULP AND PAPER MILLS ...Air Pollution Sampling; Gas Chromatography; Noise -see Noise; Particulates - Air Pollution; Pulp and Paper Wastes; ...1.0112

PRODUCTS OF COMBUSTION OF DISTILLATE FUELS FOR MOTIVE POWER ...Buses; Combustion; Diesel Equipment; Fuels; Nitrogen and Nitrogen Cpds.; Trucks, ...1.0126

AN EMISSION AND CONTROL STUDY OF THE RENDERING INDUSTRY ...Air Pollution; Data Acquisition; Economic Geology -general; Industrial Wastes; Noise -see Noise; Tanneries - Rendering Plants; ...1.0455

ODOR REMOVAL FROM AIR BY ADSORPTION ON CHARCOAL ...Adsorption; Data & Statistics Info Storage; Thermal Properties, ...1.0560

DIESEL EMISSION CONTROL ...Air Cleaning Devices; Combustion; Engine; Environmental Aspects; Fuels, ...1.0574

ODOR CONTROL RESEARCH - COMPLETE KINETICS STUDY AND INITIATE SCRUBBER DEVELOPMENT ...Costs -see Economics Entries; Industrial Wastes; Mass Transfer; Pilot Plants; Rate of Reaction; Scrubbers, ...1.0608

ODOR FORMATION IN ALKALINE PULPING ...Air Pollution; Kinetics; Noise -see Noise; Process Development; Pulp and Paper Wastes, ...1.0657

NATURALLY OCCURRING TASTES AND ODORS IN WATER SUPPLIES ...Actinomyces Sp; Food Contamination; Gas Chromatography; Spectrographic Techniques; Taste & Odor of Water; Water Chemistry, ...2.0382

DEVELOPMENT OF INSTRUMENTAL TECHNIQUES FOR THE ANALYSIS OF TRACE ORGANIC CONSTITUENTS IN WATER ...Chromatography, Gas Chromatography; Potable Water; Trace Analysis, ...2.0525

REUSE OF PLANT EFFLUENT AND COOLING WATER BLOWDOWN AS PROCESS WATER ...Activated; Biochemical Oxygen Demand; Chemical Oxygen Demand; Digestion; Pond; Sewer Systems; Water Reuse, ...2.0924

STREAM STRIPPING OF KRAFT PULP MILL EFFLUENT STREAMS ...Distillation; Industrial Wastes; Organics; Pulp and Paper Wastes; Recycle Water; Waste Materia Recovery, ...2.1448

POULTRY WASTE DISPOSAL AND ASSOCIATED ODOR CONTROL ...Bacteria -nonspecific; Bacterial Identification; Desulfovibrio; Farm Animal Wastes; Feces; Sulfhydryl Compounds; Waste Disposal-see Solid Waste, ...3.0232

Sulfur Dioxide Removal

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Coal Research; Energy Conversion; Heating Units; Noise -see Noise; Power Plants -see Specifics; Tracers; Wind Tunnels, ...1.0031

CHICAGO AIR POLLUTION SYSTEMS MODEL ...Air Cleaning Devices; Diffusion; Gases; Mathematical Models; Trace Analysis; Urban Environment; Weather Data, ...1.0046

SULFUR DIOXIDE OXIDATION ...Air Pollution-chemistry; Catalytic; Gases; Mechanism Determination; Rate of Reaction, ...1.0088

KINETICS OF SULFUR-OXIDE FORMATION IN FLAMES ...Air Pollution-chemistry; Combustion; Kinetics; Oxidation; Vacuum Techniques, ...1.0118

SYSTEMS EVALUATION OF REFUSE AS A LOW SULFUR FUEL ...Air Cleaning Devices; Disposal; Incineration; Power Plants; Urban Research -general; ...1.0439

HIGH SULFUR COMBUSTOR STUDY ...Coal Research; Combustion; Desulfurization; ...1.0449

DEVELOPMENT OF SULFUR OXIDE CONTROL COSTS FOR COMBUSTION SOURCES ...Combustion; Costs -see Economics Entries; Desulfurization; ...1.0451

FOSSIL FUEL COST AVAILABILITY MODELS ...Coal Research; Literature Search; Marketing; ...1.0472

THE STATES NECESSARY CHANGES AND MODIFICATIONS IN THE IMPLEMENTATION PLANS FOR SO2 - PARTICULATES - CO - HC AND OXIDANTS (ABBREV) ...Gases; Oxidants; Particulates - Air Pollution, ...1.0504

DETERMINE IF THE CONTROL REGULATIONS WILL ACHIEVE THE AIR QUALITY STANDARDS FOR SO2 - PARTICULATES - CO - HC AND OXIDANTS (ABBREV) ...Gases; Model Studies; Oxidants; Particulates - Air Pollution, ...1.0505

SULFATION KINETICS IN SO2 ABSORPTION FROM FLUE GAS ...Absorption - Chemistry; Air Pollution-chemistry; Costs - see Economics Entries; Furnaces; ...1.0536

RESEARCH INITIATION - APPLICATION OF HIGH VOLTAGE ELECTRIC FIELDS TO THE REMOVAL OF SO2 AND NO2 FROM COMBUSTION EFFLUENT ...Combustion; Electric Field; Energy Conversion; Humidity; Nitrogen and Nitrogen Cpds.; ...1.0549

REDUCTION OF ATMOSPHERIC POLLUTION BY THE APPLICATION OF FLUIDIZED-BED COMBUSTION ...Coal; Combustion Air Pollution-gen; Gases; Mechanism Determination; Oil and Natural Gas - Sulfur; ...1.0550

FUNDAMENTAL STUDIES ON THE PROCESS FOR REMOVING NOX FROM FLUE GASES ...Chemical Effects; Chemical Mechanisms & Kinetics; Combustion; Nitrogen and Nitrogen Cpds.; Scrubbers; ...1.0555

STUDY OF MECHANISM FOR INCREASING THE SOLUBILITY/HYDRATION OF LIME/LIMESTONE IN THE WET SCRUBBING SYSTEM FOR SOX CONTROL ...Mechanism Determination; Scrubbers; Waste Material Recovery; ...1.0556

PROTOTYPE STUDY OF LIMESTONE SCRUBBERS FOR SO2 DUST REMOVAL SYSTEMS - PHASE IIA EXTENSION ...Scrubbers, ...1.0562

RESEARCH INITIATION - RATES OF SORPTION OF MOLECULAR SIEVES IN MULTICOMPONENT SORBATE SYSTEMS ...Adsorption; Catalysts; Combustion; Energy Conversion; Gas Chromatography, ...1.0567

NEW INORGANIC MATERIALS FOR SULFUR OXIDE REMOVAL ...Adsorption; Air Pollution-chemistry; Porosity; ...1.0568

ADSORPTION RATE STUDIES - AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Gases; Packed Bed Reactor; ...1.0569

PILOT PLAN STUDY OF LIMESTONE-WET SCRUBBING IN A TURBULENT CONTACT ABSORBER ...Absorption - Chemistry; Coal Research; Combustion; Oxidation; Pilot Plants; Scrubbers, ...1.0594

REVERSIBLE METAL COMPLEXES WITH AIR POLLUTANTS ...Absorption - Chemistry; Air Pollution-chemistry; Catalysts; Chelation & Complexing; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0597

ALKALINE ADDITIVES FOR SULFUR DIOXIDE CONTROL ...Adsorption; Rate of Reaction; Scrubbers; ...1.0600

PARTICULATE CONTROL STUDIES ...Adsorption; Air Pollution Monitoring; Literature Search; Particulates - Air Pollution; Scrubbers, ...1.0604

SO2 WET SCRUBBING REACTION RESEARCH ...Adsorption; Kinetics; Mass Transfer; Scrubbers, ...1.0606

APPLIED SCRUBBER RESEARCH FOR CONTROL OF SOX AND NOX ...Adsorption; Mass Transfer; Nitrogen and Nitrogen Cpds.; Pilot Plants; Rate of Reaction; Scrubbers; Waste Material Recovery, ...1.0609

EVALUATION OF METAL OXIDES AS SORBENTS FOR SO2 IN POWER PLANT FLUE GASES ...Adsorption; Combustion; Energy Storage -general; Waste Material Recovery, ...1.0621

EVALUATION OF METAL OXIDES AS SORBENTS FOR SO2 IN POWER PLANT GASES ...Adsorption; Energy Conversion; Fluidized Bed Reactor; Waste Material Recovery; ...1.0622

REGENERATION OF CARBON ADSORBENTS FOR SO2 ...Adsorption; Air Pollution-chemistry; Reducing Agents; Waste Material Recovery, ...1.0625

CHARACTERISTICS AND REMOVAL OF PYRITE FROM AMERICAN COALS ...Air Pollution-chemistry; Desulfurization; Energy Conversion; Heating Systems; Separation; Washing; ...1.0631

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Energy Conversion; Petroleum Research; Waste Material Recovery, ...1.0632

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Chemical Regeneration; Combustion; Nitrogen and Nitrogen Cpds.; Reduction Reactions; Thermal Regeneration, ...1.0633

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GAS--PART C ...Adsorption; Catalysts; Energy Conversion; Mass Spectroscopy; Spectrographic Techniques; Waste Material Recovery; ...1.0635

SORPTION OF GASEOUS POLLUTANTS BY CYCLED OPERATION ...Absorption - Chemistry; Adsorption; Air Pollution-chemistry; Combustion; Energy Conversion; Scrubbers; Solvent; ...1.0637

INTERACTION OF FLUE GASES WITH CARBON SURFACES ...Air Pollution-chemistry; Catalysis, Heterogeneous; Combustion; Impurity; Oxidation; Porosity; Reduction Reactions; ...1.0642

REGENERABLE CHAR SORPTION PROCESS FOR SOX CONTROL ...Adsorption; Combustion; Pilot Plants; Waste Material Recovery; ...1.0645

PILOT PLANT STUDY OF AMMONIA SCRUBBING OF POWER PLANT STACK GASES ...Chemical Mechanisms & Kinetics; Combustion; Furnace and Incinerator Design; Pilot Plants; Power Plants -see Specifics; Scrubbers; Waste Material Recovery; ...1.0647

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Combustion; Furnace and Incinerator Design; Packed Bed Reactor; Process Waste Recovery; Waste Material Recovery; ...1.0661

WET SCRUBBER STUDY - VENTURI SCRUBBER AND TURBULENT BED CONTACTOR ...Gases; Mathematical Models; Particulates - Air Pollution; Scrubbers; ...1.0663

EVALUATION OF ELECTROCHEMICAL SENSORS FOR SOURCE CONCENTRATIONS OF SO2 AND NOX ...Air Pollution-chemistry; Combustion; Electroanalyses; Energy Conversion; Nitrogen and Nitrogen Cpds.; ...1.0808

COMPLETE A REPORT ON INDOOR-OUTDOOR AIR QUALITY FOR SOX - TSP AND OTHER AIR POLLUTANTS ...Air Pollution -see Specifics; Air Pollution Monitoring; Analytical Instruments; Particulates - Air Pollution; Sulfur Dioxide; Urban Environment; Urban Research -general; ...1.0810

DEVELOP EMISSION RATES FOR MOBILE SOURCES ...Combustion; Lead; Nitrogen and Nitrogen Cpds.; ...1.0812

DETERMINE TIME-CONCENTRATION-FREQUENCY RELATIONSHIPS IN AQCR'S FOR SOX, PARTICULATES, NO, HC, CO AND OXIDANTS ...Atmospheric Dynamics; Chemical Analysis -general; Energy Conversion; Gases; Nitrogen and Nitrogen Cpds.; Oxidants; Particulates - Air Pollution; ...1.0813

DEVELOPMENT OF A WORKING MODEL FOR MEASUREMENT OF SULFUR DIOXIDE IN STACK GASES ...Combustion; Detectors and Sensors; Mercury; Radiation Instruments; Radioactive Isotopes; Scintillation Counting; X and Gamma Rays; ...1.0834

DEVELOPMENT OF A MULTICOMPONENT DEVICE FOR 24-HOUR CUMULATIVE MEASUREMENTS OF SO2 AND NOX ...Detectors and Sensors; Electroanalyses; Energy Conversion; Nitrogen and Nitrogen Cpds.; ...1.0838

TRACER STUDIES IN AIR POLLUTION - SULFUR DIOXIDE ...Aerosols; Catalysis, Heterogeneous; Energy Conversion; Isotope Tracer -see Tracers; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0875

TECHNICAL AND ECONOMIC EVALUATION OF PROCESSES TO MANUFACTURE USEFUL PRODUCTS FROM LIMESTONE MODIFIED FLYASH ...Combustion; Costs -see Economics Entries; ...3.0406

Industrial Wastes

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Coal Research; Fuels; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0018

CHEMICAL COMPOSITION OF POLLUTED AIR ...Air Pollution Analysis; Air Pollution-chemistry; Cars; Chemical Analysis -general; Energy Storage -general; Rate of Reaction; Temperature; ...1.0038

EFFECTS OF DUSTS ON VEGETATION ...Air Pollution; Air Pollution Effects; Cell Injury and Autolysis; Industrial Pollution -general; Particulates - Air Pollution; Urban Environment; ...1.0320

OPTIMIZATION STUDIES IN INDUSTRIAL POLLUTION CONTROL ...Air Cleaning Devices; Air Pollution-chemistry; Costs -see Economics Entries; Waste Material Recovery; Waste Treatment; ...1.0447

AN EMISSION AND CONTROL STUDY OF THE RENDERING INDUSTRY ...Air Pollution; Data Acquisition; Economic Geology -general; Noise -see Noise; Odor; Tanneries - Rendering Plants; ...1.0455

EMISSION AND CONTROL COST STUDY OF THE CEMENT INDUSTRY ...Air Pollution-chemistry; Ceramics; Costs -see Economics Entries; Mineral Processing Industry; Particulates - Air Pollution; Waste Material Recovery; ...1.0464

NAPCA/AISI SINTER PLANT EMISSION CONTROL DEVELOPMENT PROGRAM ...Air Pollution -see Specifics; Electrostatic; Electrostatic Precipitators; Particulates - Air Pollution; Scrubbers; ...1.0542

ODOR CONTROL RESEARCH - COMPLETE KINETICS STUDY AND INITIATE SCRUBBER DEVELOPMENT ...Costs -see Economics Entries; Mass Transfer; Odor; Pilot Plants; Rate of Reaction; Scrubbers; ...1.0608

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES ...Anthracite; Contamination; Infiltration; Leaching; Mine Wastes; Percolation (water); Site -see Waste Disposal; ...3.0032

PHOSPHATE REMOVAL BY ACTIVATED SLUDGE PROCESS APPLICATION - PLANT SCALE DEMONSTRATION ...Activated Sludge; Kinetics; Mechanism Determination; Recycle Water; Waste Water Treatment -general; ...3.0269

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Costs -see Economics Entries; Hydrogenation; Plant Waste Removal, Treatment, Product Development Research; Soil Amendments; Waste Disposal on Soils; ...3.0281

ENHANCED CELLULASE PRODUCTION BY MUTATION ...Biodegradation-see Degradation; Catalysts; Costs -see Economics Entries; Mutagenesis -nonspecific; Plant Waste Removal, Treatment; Product Development Research; Rate of Reaction; ...3.0381

REUSE OF PLASTICS RECOVERED FROM SOLID WASTES ...Recoverable Materials; Waste Material Recovery; Waste Type; ...3.0400

TRITIATED HYDROGEN IN THE ATMOSPHERE - OF A NEW ULTRA-SENSITIVE TECHNIQUE FOR ENVIRONMENTAL SAMPLING IN NATURE AND INDUSTRY (ABBREV.) ...Adsorption Air Pollution-chemistry; Atmospheric Dynamics; Catalysis, Heterogeneous; Combustion; Detectors and Sensors; Radioactivity; ...5.0813

Pulp-waste

CHEMICAL REACTIONS OF WOODS AND BARKS ...California; Combustion; Fuels; Industrial Wastes; Pulp and Paper Wastes; Water Chemistry; Wet Oxidation; ...3.0065

UTILIZATION OF BARK WASTE ...Additives; Casting of Materials; Gas Chromatography; Inspection and Control; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Pseudotsuga; ...3.0277

Sterilization

STUDIES CONCERNING THE EFFECTIVENESS, STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Biochemical Analysis - Tissues; Disinfectants & Antiseptics Ns; Field Water Purification; Pesticide Evaluation; Sanitation; Viral Pollutant Sources; ...2.0929

Disinfectants

WATER SUPPLIES ...Chemical Water Properties; Chlorination; Filtration; Iowa; Turbidity (water); Water Quality -general; Water Utilization -domestic; ...2.0895

A NEW TYPE OF DISINFECTANT FOR WATER SUPPLIES ...Bacterial Pollutant Sources; Ion Exchange; Water Chemistry; Water Supply -general; ...2.0897

STUDIES TO PROVIDE DATA CONCERNING THE EFFECTIVENESS STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Disinfectants & Antiseptics Ns; Field Water Purification; Stability; Tropical Regions; ...2.0910

Sterilants

WATER QUALITY IMPROVEMENT - KINETICS AND MECHANISM OF THE CHLORINATION-DEGRADATION OF UREA AND URIC ACID ...Chlorination; Chlorine; Light Visible Specroscopy; Oxidation; Water Chemistry; ...2.0926

Water Chemistry

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; X-ray Spectroscopy; ...1.0050

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Benefit-cost Analysis; Energy Conversion; Government -see Federal Gov.; Legal Studies; Petroleum Industry; Regulatory & Legal; Social Aspects; Water Resources Protection; ...1.0481

NUCLEAR METHODS OF ANALYSIS ...Activation Analysis; Coal Research; Desulfurization; Fluid Mechanics; Pilot Plants; ...1.0857

SORPTION AND MOVEMENT OF POLLUTED WATER IN SOIL ...Filtration; Groundwater; Pesticide Movement in Soils; Pesticides -nonspecific; Soil Chemical Properties; Soil Types -also See Specifics; ...2.0030

BEHAVIOR OF POLLUTANTS IN WATER ...Degradation; Groundwater; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -nonspecific; Soil Moisture; Water Pollutants - Path of; ...2.0074

PREPARATION AND EVALUATION OF STARCH DERIVATIVES FOR DETERGENT BUILDERS ...Algae -nonspecific; Chelation & Complexing; Detergent Builders; Home Economics; Polymerization; ...2.0126

THE FACTOR CONTROLLING THE DYNAMICS OF NON-IONIC SYNTHETIC ORGANIC CHEMICALS IN AQUATIC ENVIRONMENTS ...Adsorption; Aquatic Soils; Lakes; Pesticide Aquatic Cycling; Primary Productivity - Plants; Soil Chemical Properties; ...2.0140

PHOSPHATE RETENTION BY LAKE SEDIMENTS AS A FACTOR IN THE EUTROPHICATION OF LAKES ...Chemical Properties; Effluents - Waste Water; Eutrophication; Geochemical Analysis (water); Land Use; ...2.0167

NATURALLY OCCURRING TASTES AND ODORS IN WATER SUPPLIES ...Actinomyces Sp; Food Contamination; Gas Chromatography; Odor; Spectrographic Techniques; Taste & Odor of Water; ...2.0382

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algae - Cyanophyta; Algal Pollutant Sources; Chelation & Complexing; Detergent Builders; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Wisconsin; ...2.0441

ROLE OF SULFATE AND MANGANESE OXIDES ON THE RELEASE OF PHOSPHORUS FROM LAKE SEDIMENTS ...Chemical Properties; Eutrophication; Lake Deposits; Leaching; Phosphorus and Phosphorus Cpds; ...2.0447

PHYSICO-CHEMICAL PROCESSES AND IONIC STATES OF MICROCONSTITUENTS IN SEA WATER AND THEIR RELATION TO RADIOECOLOGY OF NORTH ADRIATIC ...Chelation & Complexing; Kinetics; Marine Environments; Mediterranean Sea; Radioactivity; Sea Water Chemistry; ...2.0460

A CONTINUOUS COAGULATION EFFICIENCY MONITOR FOR WATER AND WASTE SYSTEMS ...Coagulation; Waste Water Treatment -general; ...2.0478

DATA ACQUISITION SYSTEMS IN WATER QUALITY MANAGEMENT ...Aircraft Remote Sensing; Colorado; Data Acquisition; Detectors and Sensors; Regional Or State Studies; Water Standards & Baselines; ...2.0519

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Wells; ...2.0677

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Adsorption; Electrochemistry; Filtration; Pilot Plants; Precipitation; Safety - Recreation; Viruses - Animal; Water Pollution -see Specifics; ...2.0836

THE EFFECTIVENESS OF CONTACT FILTER FOR THE REMOVAL OF IRON FROM GROUND WATER ...Filtration; Flocculation; Groundwater; Oxidation; Pilot Plants; ...2.0871

WATER PURIFICATION BY LARGE-SCALE ELECTROPHORESIS ...Air Pollution-chemistry, Bacteriophage; Electrophoresis; Membranes; Sewage Bacteria; ...2.0872

ORTHOKINETIC FLOCCULATION OF HETERODISPERSED SYSTEMS ...Flocculation; Kinetics; Water Properties -general; ...2.0875

PHYSICAL-CHEMICAL PHENOMENA ASSOCIATED WITH ORGANO-COLLOIDAL SURFACE INTERACTIONS ...Adsorption; Calorimetry; Colloidal Phenomena; Degradation -see Pesticide Deg; Organic Matter; Spectrographic Techniques; Xray Diffraction; ...2.0886

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Chemical Analysis -general; Fluid Mechanics; Ion Exchange; Isotope Tracer -see Tracers; Mechanism Determination; Reactors; Sand Filters; Utilization; ...2.0888

BUFFER CAPACITY IN AQUATIC ECOSYSTEMS ...Acidity (water); Alkalinity (water); Biological Water Properties; Mathematical Models; Plant Freshwater Ecology; Water Quality Control -general; ...2.0889

WATER SUPPLIES ...Chemical Water Properties; Chlorination; Disinfectants; Filtration; Iowa; Turbidity (water); Water Quality - general; Water Utilization -domestic; ...2.0895

A NEW TYPE OF DISINFECTANT FOR WATER SUPPLIES ...Bacterial Pollutant Sources; Disinfectants; Ion Exchange; Water Supply -general; ...2.0897

THE REMOVAL OF EXCESS NITRATES AND NITRITES FROM POLLUTED WATER ...Chemical Regeneration; Chemical Treatment (water); Ion Exchange; Marketing; Mechanism Determination; Polymerization; ...2.0898

IMPROVEMENT OF QUALITY OF WATER RESOURCES BY A THREE-FOLD ATTACK - ADSORPTION, SEDIMENTATION AND MIXING ...Adsorption; Adsorption Capacity; Flocculation; Pollutant Removal; Process Design; Thermodynamics; Water Pollution Abatement; ...2.0905

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Combustion; Environment; Loss Damages - Recreation; Recreation, Water Resources; Ship Wastes; Waste Management -see Specific; Water Pollutant Identification; ...2.0906

EFFECTS OF INTERACTIONS OF CHEMICALS FOR WATER TREATMENT ...Bacterial Pollutant Sources; Chemical Water Properties; Chlorine; Organic Water Properties; Potable Water; Turbidity (water); ...2.0908

KINETICS OF DISINFECTION WITH CHLORINE ...Chlorination; Chlorine; Disinfection; Organics; Sewage - Domestic; ...2.0909

WATER QUALITY IMPROVEMENT - KINETICS AND MECHANISM OF THE CHLORINATION-DEGRADATION OF UREA AND URIC ACID ...Chlorination; Chlorine; Light Visible Specroscopy; Oxidation; Sterilants; ...2.0926

ELECTROPHORETIC CLARIFICATION OF WATER ...Adsorption; Colloidal Phenomena; Filtration; Pesticide Residues Removal; Pesticides -see Pesticide; Size; Waste Water Treatment - general; Water Pollutant Identification; ...2.0948

CHEMISTRY OF HYDROSOLIC METALS IN NATURAL WATER ...Aeration (water); Demineralization; Geochemical Analysis (water); Oxidation; Precipitation; Water Supply -general; ...2.0968

SYMPOSIUM PRESENTATION OF RESEARCH FINDINGS ON THE REAERATION CAPACITY OF STREAMS AND ESTUARIES ...Aeration (water); Estuaries; Isotope Tracer -see Tracers; Mass Transfer; Radioisotopes; Water Pollution Abatement; ...2.0999

IMPROVING THE QUALITY OF OUR WATER RESOURCES ...Adsorption; Filtration; Pesticides -see Pesticide; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1015

DENITRIFICATION AS A PATHWAY FOR NITRATE REMOVAL IN RIVERS AND PONDS ...Carbon; Denitrification; Organic Water Properties; Population Dynamics -general; Temperature; Water Properties -general; ...2.1016

EFFECTS OF LIMNOLOGICAL FACTORS ON WATER TREATMENT ...Chemical Water Properties; Iowa; Public Utilities; Reservoirs and Impoundments; Water Quality -general; ...2.1018

REMOVAL OF SUSPENDED MATTER AND TURBIDITY FROM WATER BY FLOCCULATION ...Colloidal Phenomena; Electrochemistry; Floods; Israel; Salinity (water); Suspension; ...2.1022

DETERMINATION OF THE FEASIBILITY OF REMOVAL OF ALGAL NUTRIENTS IN LAKE WATERS BY ION-EXCHANGE ...Acidity (water); Circulation (water); Eutrophication; Ion Exchange; Massachusetts; Nutrients; ...2.1040

ENRICHMENT OF METALS IN SEAWATER BY FOAM FRODUCTION ...Bubbles; Chemical Mechanisms & Kinetics; Foam; Marine Pollution; Sea Water Chemistry; Trace Elements; X-ray Spectroscopy; ...2.1043

THE INFLUENCE OF SOILS ON POLLUTION ...Adsorption; Drainage; Nutrients; Pesticide Degradation -see Deg; Pesticides - nonspecific; Soil Fertility; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1046

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS ...Aquatic Soils; Coastlines - Shorelines; Degradation -see Pesticide Deg; Marine Biology - General; North Carolina; Petroleum -see Oil; Swamps - Marshes; ...2.1072

DEVELOPMENT OF A PROTOTYPE FOR REMOVAL OF ORGANICS FROM WATER ...Carbon Filters; Filtration; Organic Matter; Pilot Plants; Solvent; ...2.1094

REMOVAL OF TRACE ORGANICS FROM WATER BY ADSORPTION ON COAL ...Adsorption; Coal; Fluidized Bed Reactor; Kinetics; Organics; Utilization; Waste Water Treatment - general; ...2.1120

WATER TREATMENT BY REVERSE OSMOSIS METHOD ...Economic Efficiency; Fresh Water; Membranes; Pilot Plants; Reverse Osmosis; Waste Water Treatment -general; Water Reuse; ...2.1195

WATER QUALITY CONTROL WITH SYNTHETIC POLYMERIC FLOCCULANTS - EFFECT OF MG, CA, CU, & ZN IONS ON BACTERIA & ALGAE (ABBREV) ...Additives; Bacterial Pollutant Sources; Flocculation; Sewage Treatment Plant; Waste Water Treatment -general; Water Quality Control -general; ...2.1206

NUTRIENT REMOVAL IN A WATER TREATMENT PLANT ...Biochemical Oxygen Demand; Coagulation; Flocculation; Nutrients; Sand Filters; ...2.1252

WATER TREATMENT PLANT WASTES ...Disposal; Filtration; Ion Exchange; Waste Properties; Waste Water Treatment - general; Water Purification; ...2.1253

COMPETITIVE ADSORPTION IN THE REMOVAL OF ORGANIC POLLUTANTS FROM AQUEOUS SOLUTION ...Adsorption; Chemical Mechanisms & Kinetics, Model Studies; Organic Matter; Organics; Waste Water Treatment -general; ...2.1263

BIODEGRADABILITY OF TNT ...Biodegradation-see Degradation; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Tnt; ...2.1293

POLLUTION EFFECTS DETERMINATION ...Lagoon; ...2.1317

REMOVAL OF PHOSPHATES BY SORPTION ON ACTIVATED ALUMINA ...Adsorption; Alum Waste Water Treatment; Demineralization; Potable Water; Tertiary Treatment; Waste Material Recovery; ...2.1326

REMOVAL OF METAL IONS BY FLOTATION WITH SURFACTANTS ...Chelation & Complexing; Flotation; Surfactants -see Detergents; Temperature; Waste Water Treatment -general; ...2.1328

METAL REMOVAL/RECOVERY FROM POLLUTED WATER BY COMPLEXATION WITH LINEAR POLYELECTROLYTES ...Chelation & Complexing; Chemical Treatment (water); Desalination; Industrial Wastes; Plastics; Waste Material Recovery; Zinc; ...2.1352

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Model Studies; Optimization, Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

INPUT-OUTPUT ANALYSIS OF GENERATION AND ELIMINATION OF POLLUTION IN THE UNITED STATES ECONOMY ...Air Pollution; Benefit-cost Analysis; Income Development & Growth; Process Development; ...2.1848

CHEMICAL REACTIONS OF WOODS AND BARKS ...California; Combustion; Fuels; Industrial Wastes; Pulp and Paper Wastes; Pulp-waste; Wet Oxidation; ...3.0065

REMOVAL OF PHOSPHATE FROM WATER BY ALUMINUM AND IRON ...Adsorption; Chemical Treatment (water); Coagulation; Diffraction; Precipitation; Sewage; Water Pollution Sources; ...3.0218

INCINERATION OF PLASTICS FOUND IN MUNICIPAL REFUSE ...Air Pollution; Burning; Contamination; Incineration; Pyrolysis; ...3.0246

CHEMICAL PULPING AND BLEACHING ...Air Pollution-chemistry; Electrolytic; Industrial Pollution -general; Materials -properties; Pulp and Paper Wastes; Reduction Reactions; ...3.0351

CONSTRUCTION OF PESTICIDES DEGRADABLE BY NORMAL MICROFLORA OF NATURAL WATERS AND SOILS ...Biodegradation-see Degradation; Degradation -see Pesticide Deg; Microorganism-see Cell. Catab.; Pesticide Action on Animals; Pesticide Degradation -see Deg; Pesticides -see Pesticide; ...4.0030

DEVELOPMENT OF FIELD METHODS IN SAMPLING WATER FOR PESTICIDE ANALYSIS ...Chemical Analysis; Chemical Extraction; Chlorine; Membranes; Pesticides -see Pesticide; Plastics; ...4.0049

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

Air - Water

ATMOSPHERIC CHEMISTRY OF BORON ...Aerosols; Air Pollution-chemistry; Colorimetric Methods; Electrochemistry; Spectrographic Techniques; ...1.0697

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

Analysis and Detection

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0018

INSOLUBLE ION ASSOCIATION COMPOUNDS AS ANALYTICAL REAGENTS ...Air Pollution-chemistry; Chelation & Complexing; Colorimetric Methods; ...1.0705

TOTAL ORGANIC CARBON AS A POLLUTION CONTROL PARAMETER IN SUB-ARCTIC WATERS ...Alaska; Chemical Oxygen Demand; Organic Matter; Polar Regions; Water Pollutant Identification; ...2.0007

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis, Tracers; Water Cycle; Zinc; ...2.0008

DYNAMICS OF THE NITROGEN CYCLE IN LAKES ...Algal Physiology; Denitrification -see Nitrogen; Eutrophication; Hydrogen; Nitrogen and Nitrogen Cpds.; Nitrogen Cycle -see Denitrif.; Plant Productivity -general; Sub - Polar Regions; ...2.0009

HYDROSPHERIC ENRICHMENT OF MERCURY STUDIED BY 203-HG-LABELLED ORGANIC COMPLEXES ...Mercury; Water Quality -general; ...2.0095

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Algae -nonspecific; Benthic Organisms -nonspecific; Bottom Sampling; Chemical Water Properties; Microorganisms -nonspecific; Plant Freshwater Ecology; Spectrographic Techniques; Waste Water Treatment -general; Water Quality Control -general; ...2.0114

ACCUMULATION OF METALS IN THE AQUATIC FOOD CHAIN IN THE ILLINOIS RIVER ...Aquatic Soils; Bioassays; Illinois River; Plant Food Chains; Water Pollution Effects; ...2.0125

FATE OF TRACE METALS DERIVED FROM POLLUTION SOURCES IN LAKE MICHIGAN ...Adsorption; Chemical Properties; Lake Deposits; Lead; Trace Elements; ...2.0131

MERCURY IN THE ENVIRONMENT ...Air Pollution-chemistry; Environmental Effects - Human; Mercury; ...2.0199

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Atomic Absorption; Contamination - Water; Lead; Mine Hydrology; Missouri; Pollution Effects - see Water; Water Pollution Effects; Zinc; ...2.0226

GEOCHEMISTRY OF OILFIELD BRINES ...Bromine; Gas -natural; Mineralogical Water Properties; Origin; Petroleum Wastes - Spillage; Trace Analysis; ...2.0312

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Radiochemical Analysis; Soil Chemical Properties; Water Pollutants - Path of; Water Quality -general; ...2.0314

GEOCHEMICAL BEHAVIOR OF IRON AND MANGANESE IN A RESERVOIR (LAKE LYNN, WEST VIRGINIA) FED BY STREAMS CONTAINING ACID MINE DRAINAGE ...Acid Mine Wastes; Geochemical Analysis (water); Precipitation; Sediments; Stratification (water); West Virginia; ...2.0431

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Chemical Water Properties; Growth; Lakes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Stratification (water); Temperature; ...2.0448

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Bioindicators; Chlorine; Contamination - Water; Mercury; Organic Matter; Pesticides -nonspecific; Population Dynamics -general; Water Pollutant Identification; Zinc; ...2.0466

ORGANIC SUBSTANCES IN WATER ...Chemical Analysis (water); Chlorinated Hydrocarbons; Distillation; Herbicides -nonspecific; Organic Matter; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0496

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Em Radiation; Marine Biology - General; Monolayers; Polarimetry; Reflectance; Survey Studies (water); Water Pollutant Identification; ...2.0499

ANALYTICAL METHODS - WATER CHEMISTRY ...Chromatography; Electroanalyses; Photometry; Trace Analysis; Water Pollutant Identification; Zinc; ...2.0514

PHYSICAL CHEMISTRY OF RADIOELEMENTS - RADIOMETRIC METHODS OF ANALYSIS ...Activation Analysis; Chemical Extraction; Gamma Spectroscopy; Ion Exchange; Spectrographic Techniques; Water Pollution Sources; ...2.0515

TECHNIQUES AND INSTRUMENTATION - MONITORING LABORATORY ...Chemical Analysis (water); Water Pollutant Identification; ...2.0516

FIELD RESEARCH LABORATORY (MOBILE LABORATORY) ...Chemical Analysis (water); Research Facilities; Water Quality - general; ...2.0517

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Gas Chromatography; Mass Spectroscopy; Microorganisms -nonspecific; Water Bacteria; Water Pollution -see Specifics; Water Pollution Sources; ...2.0527

FLUORESCENT PROBES IN THE DEVELOPMENT OF NEW ANALYTICAL METHODS FOR WATER POLLUTION ...Fluorometry; Quantum Yield; Water Pollutant Identification; ...2.0553

TRACE ELEMENT ANALYSIS BY DIRECT DETERMINATION ON ION EXCHANGE RESINS ...Ion Exchange; Salt Water; Water Quality -general; X-ray Spectroscopy; ...2.0554

APPLICATION OF MODERN ELECTROANALYTICAL TECHNIQUES TO THE ANALYSIS OF HEAVY METALS IN WATER ...Chemical Mechanisms & Kinetics; Electroanalyses; Mineralization; Trace Analysis; ...2.0557

ELECTROCHEMICAL METHODS FOR THE DETERMINATION OF TRACE AMOUNTS OF PHOSPHATE IN NATURAL WATER ...Chelation & Complexing; Electrochemistry; Polarography; Trace Analysis; Trace Element Analysis; Voltammetry; Water Pollutant Identification; ...2.0575

THE SEPARATION AND IDENTIFICATION OF TRACE ORGANICS OF INDUSTRIAL ORIGIN IN NATURAL WATERS ...Adsorption; Concentration; Gas Chromatography; Infrared Spectroscopy; Organic Matter; Spectrographic Techniques; ...2.0581

APPLICATION OF ELECTRON SPIN RESONANCE IN WATER POLLUTION STUDIES ...Chemical Analysis (water); Spectrographic Techniques; Urban Environment; Urban Research - general; Water Pollutant Identification; ...2.0591

INTERACTIONS OF MERCURY WITH AQUATIC AND EDAPHIC ENVIRONMENTS ...Environment; Ion Exchange; Mercury; Photosynthesis, Submerged Plants; ...2.0595

ANALYSIS OF FISH TISSUE FOR MERCURY CONTENT ...Atomic Absorption; Connecticut River; Contamination - Water; Fish; Massachusetts; Mercury; Water Pollutant Identification; ...2.0617

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Chemical Water Properties; Electrochemistry; Lead; Physical Water Properties; Trace Elements; Water Distribution Systems; Water Quality -general; Zinc; ...2.0623

POTENTIAL ALGAL PRODUCTIVITY AS MEASURED BY A TURBIDOSTAT ...Algae -nonspecific; Nutrients; Primary Productivity - Plants; Turbidity (water); ...2.0625

BEHAVIOR OF PLATINUM ELECTRODES AS REDOX POTENTIAL INDICATORS IN METALLURGICAL SYSTEMS ...Electrical, Electronic Mtl.; Electrochemistry; Infrared Spectroscopy; Metal Processing Wastes; Oxidation; Water Pollutant Identification; ...2.0640

POTENTIOMETRIC TECHNIQUES FOR MONITORING IONS INVOLVED IN WATER POLLUTION ...Automatic Data Aquisition; Chemical Analysis (water); Electrochemistry; Fluorine; Potentiometry; Water Pollutant Identification; ...2.0656

AUTOMATED POTENTIOMETRIC TECHNIQUES FOR THE ON-SITE MONITORING OF IONS IMPORTANT IN WATER QUALITY CONTROL ...Automatic Data Aquisition; Electrochemistry; Lead; Potentiometry; Water Quality Control - general; ...2.0657

A STUDY OF THE FACTORS DETERMINING THE OXYGEN UPTAKE OF BENTHAL STREAM DEPOSITS ...Acidity (water); Exchange Capacity; Nitrogen and Nitrogen Cpds.; Nutrients; Size; Water Properties -general; ...2.0675

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Mineralogical Properties; Salt Water; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

CHROMATOGRAPHIC CONCENTRATION OF PESTICIDES FROM A LARGE MASS OF WATER ...Chemical Extraction; Column Chromatography; Distribution Coefficient; Partition Chromatography; Pesticide Residues Removal; Pesticides -nonspecific; Pesticides -see Pesticide; ...2.0710

DETERMINATION OF TRACE METAL POLLUTANTS IN WATER RESOURCES AND STREAM SEDIMENTS ...Chemical Properties; Sediments; Trace Elements; Water Pollutant Identification; Water Pollution Sources; X-ray Spectroscopy; ...2.0727

A STUDY OF SELECTED SPECIFIC ION ELECTRODES, NO.II ...Electroanalyses; Electrochemistry; Lead; Nutrients; ...2.0728

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Fuels; Lakes; Lead; Mineralization; Recreation, Water Resources; Types of Resources; Water Pollutant Identification; ...2.0807

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Element Ratios; Fluid Mechanics; Gulf of Mexico; Lakes; Organic Matter; Tracers; Water Pollution Sources; ...2.0823

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF WATER QUALITY ...Aircraft Remote Sensing; Data Reduction and Analysis; Internal Reflection; Legislation - Zoning; Water Pollutant Identification; Water Resources Planning; Wisconsin; ...2.0857

ATOMIC ABSORPTION ANALYSIS OF PHOSPHATES IN WATER ...Atomic Absorption; Effluents Waste Water, Waste Properties; Water Pollutant Identification; ...2.0867

DEVELOPMENT NEUTRON ACTIVATION TECHNIQUES FOR INVESTIGATION OF WATER CLARIFICATION ...Activation Analysis; Coagulation; Flocculation; Soil Filters; Zeta Potential; ...2.0915

CONCENTRATION AND ANALYSIS OF PESTICIDES AND OTHER RECALCITRANT MOLECULES IN WATER SUPPLIES BY ULTRAFILTRATION ...Chemical Analysis (water); Pesticide Formulation; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0921

NITROGEN REMOVAL AND IDENTIFICATION FOR WATER QUALITY CONTROL ...Chemical Analysis (water); Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; Ultrasonics; ...2.0956

EFFECT OF CHEMICAL STRUCTURE ON BIODEGRADABILITY OF ORGANIC MOLECULES ...Biodegradation-see Degradation; Degradation; Microorganism-see Cell. Catab.; Organic Water Properties; Water Pollution Sources; ...2.1065

TURBULENT DIFFUSION AND REAERATION IN NATURAL RIVERS ...Activation Analysis; Aeration (water); Dispersion (water); Mathematical Models; Radioisotopes; Reservoirs and Impoundments; ...2.1102

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - WATER QUALITY EFFECTS ...Acidity (water); Atomic Absorption; Gas Chromatography; Mineralogical Water Properties; Waste Management -see Specific; ...2.1561

EFFECTS OF SURFACTANTS IN WATER ON BLACKBIRD METABOLISM ...Contamination - Water; Passeriformes; Surfactants -see Detergents; Temperature - Air; ...2.1579

PHOSPHATE EXCHANGE WITH SEDIMENTS ...Chemical Water Properties; Eutrophication; Sedimentation; Water Quality Control -general; ...2.1582

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER ...Herbicides -nonspecific; Liquids; Pesticide Aquatic Cycling; Pesticides - see Pesticide; Reflection; Soil Fertility; Water; ...2.1618

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Aquatic Ecology - Animal; Atomic Absorption; Geochemical Analysis (water); Lead; Precipitation; Water Pollution Effects; Water Purification; Zinc; ...2.1626

MEASUREMENT AND MANAGEMENT ASPECTS OF WATER TOXICOLOGY ...Biological Effects; Chemical Analysis (water); Food Contamination; Plant Food Chains; Thermal Pollution; Training Grants, Fellowships; ...2.1793

BIODEGRADABILITY OF ORGANIC COMPOUNDS INCLUDING DETERGENTS, METAL WORKING FLUIDS, ETC. THAT MAY CONTAMINATE WATER ...Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Detergents -see Surfactants; Fuels; Metal Processing Wastes; Surfactants -see Detergents; Waste Water Degradation; ...3.0028

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Biochemical Oxygen Demand; Effluent-standards; Nitrogen and Nitrogen Cpds ; Phosphorus and Phosphorus Cpds; Septic Tanks; Silty Soils; Water Pollutant Identification; ...3.0350

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

CHLORINATED ORGANIC CONTAMINANTS IN THE MILWAUKEE RIVER ...Bioassays; Degradation -see Pesticide Deg; Lake Michigan; Organic Water Properties; Polychlorinated Biphenyl Cpds.; ...4.0076

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics -general; Water Pollutants - Path of; ...4.0752

CORRELATION OF STRUCTURE VS. ACTIVITY OF POLLUTANTS OF FRESH WATER ...Carbamates -see Pesticides; Fresh Water; Invertebrate Physiology; Pesticide Action on Animals; Water Pollutant Identification; ...4.0839

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Chemical Analysis; D, 2,4-; Diazinon; Gas Chromatography; Malathion; Methoxychlor; Ponds: Thin Layer Chromatography; ...4.1061

AEROBIC AND ANAEROBIC BIODEGRADATION Of DETERGENTS ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Oxygen Demand; Home Economics; Product Development Research; ...4.1106

ULTRA LOW LEVEL RADIONUCLIDE ANALYSIS ...Chemical Analysis (water); Detectors and Sensors; Gamma Spectroscopy; Ion Exchange; Organic Matter; Trace Elements; ...5.0919

Decoloration

COLOR AND MINERAL REMOVAL FROM KRAFT BLEACH WASTES ...Color (water); Demineralization; Lime Treatment; Pulp and Paper Wastes; Waste Treatment Economics; ...2.1330

BIOLOGICAL TREATMENT OF SPENT VEGETABLE TANNINS ...Color (water); Industrial Wastes; Oxidation; Rate of Reaction; Tannery Wastes; Waste Water Treatment -general; ...3.0343

Field Water Purification

WATER SUPPLIES ...Chemical Water Properties; Chlorination; Disinfectants; Filtration; Iowa; Turbidity (water); Water Quality - general; Water Utilization -domestic; ...2.0895

STUDIES TO PROVIDE DATA CONCERNING THE EFFECTIVENESS STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Disinfectants; Disinfectants & Antiseptics Ns; Stability; Tropical Regions; ...2.0910

EVALUATION OF FIELD WATER PURIFICATION SYSTEMS ...Chemical Treatment (water); Potable Water; ...2.0925

STUDIES CONCERNING THE EFFECTIVENESS, STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Biochemical Analysis - Tissues; Disinfectants & Antiseptics Ns; Pesticide Evaluation; Sanitation; Viral Pollutant Sources; ...2.0929

HIGH FLUX RO MEMBRANE WITH SALT REJECTION PROPERTIES ...Permeability; Reverse Osmosis; ...2.0952

DETERMINE FEASIBILITY CHARACTERISTICS OF TUBULAR RO PROCESS ...Gas Chromatography; Military Sciences; Reverse Osmosis; Tubular Membranes; Water Quality Control -general; ...2.0953

Oil Removal

BUFFALO RIVER OIL POLLUTION PROGRAM ...Data Reduction and Analysis; New York; Petroleum Wastes - Spillage; Water Pollution Abatement; ...2.0258

MOLECULAR INTERACTIONS AT THE OIL-WATER INTERFACE AND THE FORMATION OF MICROEMULSIONS ...Detergents -see Surfactants; Electrochemistry; Microscopy; Petroleum Wastes - Spillage; Spectrographic Techniques; Surfactants -see Detergents; ...2.0273

RESEARCH TO ELIMINATE AND PREVENT OIL POLLUTION OF THE SEA ...British Isles; Marine Environments; Oil; ...2.0394

REVIEW OF THE SANTA BARBARA CHANNEL OIL POLLUTION INCIDENT ...Biological Effects; Channels; Contamination - Water; Marine Biology - General; Petroleum Wastes - Spillage; ...2.0419

DEVELOPMENT OF NUCLEAR ANALYTICAL TECHNIQUES FOR OIL SLICK IDENTIFICATION Activation Analysis; Atmospheric and Environmental; Law Enforcement; Marine and Hydrology; Oil; Petroleum Wastes - Spillage; ...2.0501

TESTING METHODS FOr EVALUATION OF BOTH EFFECTIVENESS AND TOXICITY TO AQUATIC LIFE OF VARIOUS TREATING MATERIALS ...Adsorption; Chemical Treatment (water); Degradation -see Pesticide Deg; Pesticide Toxicity - general; Physiological Effects; Surfactants -see Detergents; ...2.0845

PROVIDE A COMPENDIUM OF OIL SPILL TREATING AGENTS COVERING ABSORBENTS, DISPERSANTS, SINKING AGENTS, COMBUSTION PROMOTERS, GELLING AGENTS, ETC ...Absorption - Chemistry; Combustion; Dispersants; Oil; Petroleum Wastes - Spillage; Sedimentation; ...2.0955

FEASIBILITY ANALYSIS OF INCINERATOR SYSTEMS FOR RESTORATION OF OIL CONTAMINATED BEACHES ...Burners; Marine Environments; Oil; Petroleum Wastes - Spillage; ...2.0966

TEST AND EVALUATE EQUIPMENT FOR CONTAINING AND REMOVING OIL SPILLS IN HARBORS AND ADJACENT WATERS ...Harbors; Maine; Oil; Petroleum Wastes - Spillage; Waste Material Recovery; Water Pollution Abatement; ...2.1032

DETERGENT DISPERSANT CHARACTERISTICS OF PETROLEUM FUELS ...Additives; Corrosion, Deterioration; Detergents - see Surfactants; Filtration; Lubricants and Fluids; Petroleum Research; ...2.1033

DEGRADATION OF PETROLEUM AND RELATED COMPOUNDS IN THE BIOSPHERE ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Ionic Effect; Marine Plants; Oil; Petroleum -see Oil; Petroleum Research; ...2.1071

OIL SPILLAGE CONTROL ...Foam; Petroleum Wastes - Spillage; Surfactants -see Detergents; Vacuum Techniques; Waste Management -see Specific; ...2.1078

REMOVAL OF OIL FROM AQUEOUS WASTES BY FLOTATION ...Bubbles; Flotation; Petroleum Wastes - Spillage; Water Quality Control -general; ...2.1168

OILY WATER SEPARATOR ...Filtration; Fluid Mechanics; Ship Wastes; Temperature; Waste Treatment; ...2.1207

INVESTIGATION OF RECOVERY OF LARGE MARINE OIL SPILLS BY USE OF A VORTEX ASSISTED AIR LIFT ...Fluid Mechanics; Hydraulics; Ocean Waves -see Waves; Oil; Petroleum Wastes - Spillage; Physical Models; Ships and Cruises; ...2.1444

PROCESSING RETORTING WASTE WATERS ...Chemical Manufacturing Wastes; Oil Shale; Petroleum Wastes - Spillage; Process Design, Waste Disposal-see Solid Waste; Waste Material Recovery; ...2.1464

STUDY OF WASTE DISPOSAL PROBLEMS ...Disposal Wastes; Petroleum Research; Waste Management -see Specific; ...2.1465

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

THE EFFECT OF SALINITY ON THE OXIDATION OF HYDROCARBONS IN ESTUARINE ENVIRONMENTS ...Biodegradation-see Degradation; Cellular Physiology- Env. Eff.; Estuaries; Petroleum Wastes - Spillage; Salinity (water); Size; ...2.1611

NAVY ENVIRONMENT - BIODEGRADATION OF OIL IN SEAWATER ...Biodegradation-see Degradation; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Marine Biology - General; Oil; Petroleum -see Oil; ...3.0019

DISPOSAL OF LIQUID INDUSTRIAL WASTE ...Burning; Connecticut; Dewatering; Metal Processing Wastes; Petroleum Wastes - Spillage; Sewer Systems; ...3.0094

IMPROVED CAPABILITIES OF BIOLOGICAL SYSTEMS TO ASSIMILATE OIL ...Activated; Degradation -see Pesticide Deg; Petroleum Industry; Waste Water Treatment -general; ...3.0243

Potable Water -see Potable

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Flood Irrigation; Groundwater; Potable Water; Recreation, Water Resources; Septic Tanks; Sewage - Domestic; Water Wells; ...2.0883

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

LABORATORY SCALE FEASIBILITY STUDY OF USING REVERSE OSMOSIS TO CONCENTRATE PRE-TREATED DOMESTIC SEWAGE ...Activated Sludge; Bench Scale; Disinfection; Potable Water; Reverse Osmosis; Sewage - Domestic; Waste Treatment Economics; ...3.0355

Recycle Water

STUDY OF MICROBIOLOGICAL-BIOCHEMICAL PHOSPHATE SORPTION MECHANISM BY ACTIVATED SLUDGE ...Absorption - Chemistry; Activated; Bacterial Identification; Cell Membrane Permeability; Mechanism Determination; Sewage Bacteria; ...2.0737

INVESTIGATION INTO THE POSSIBLE AGRICULTURAL USE OF RECONDITIONED WATER FROM THE PROPOSED SOUTH-EASTERN PURIFICATION PLANT ...Australia; Foreign Agriculture; Waste Treatment; Water Reuse; Water Utilization - plant; ...2.0873

BOD, SOLIDS AND NUTRIENT REMOVAL FROM SECONDARY EFFLUENT BY FOAM FRACTIONATION ...Biochemical Oxygen Demand; California, Denitrification -see Nitrogen; Foam; Pilot Plants; ...2.1193

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; Pesticides; pH; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

DEMONSTRATION OF THE RECONDITION AND RE-USE OF ORGANICALLY CONTAMINATED BRINES FROM CHEMI-

CAL PROCESS INDUSTRIES ...Brines; Chemical Manufacturing Wastes; Organic Matter; Waste Water Treatment -general; ...2.1307

EFFICIENCY AND ECONOMY OF POLYMERIC SEWAGE CLARIFICATION ...Combustible Filters; Flocculation; Urban Research -general; Waste Treatment Economics; ...2.1315

A NEW APPROACH FOR WATER RECLAMATION - COMPLETE TREATMENT OF WASTE WATER BY PHYSICO-CHEMICAL PROCESSES ...Bacteria; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Waste Water Treatment - general; ...2.1324

COLOR AND MINERAL REMOVAL FROM KRAFT BLEACH WASTES ...Color (water); Demineralization; Lime Treatment; Pulp and Paper Wastes; Waste Treatment Economics; ...2.1330

STREAM STRIPPING OF KRAFT PULP MILL EFFLUENT STREAMS ...Distillation; Industrial Wastes; Odor; Organics; Pulp and Paper Wastes; Waste Material Recovery; ...2.1448

PHOSPHATE UPTAKE, STORAGE, AND RELEASE BY MICROORGANISMS IN WASTEWATER TREATMENT ...Carbon; Microorganisms -nonspecific; Nutrients; Phosphorus and Phosphorus Cpds; Sewage Bacteria; Sludge; Waste Water Treatment -general; ...2.1451

WASTE TREATMENT FOR AN INDIVIDUAL HOME WITH REUSE OF THE WATER ...Aeration (water); Filters-filtration; Flushing Devices; Materials, Composite; Small Sanitation Unit; ...3.0139

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Chemical Oxygen Demand; Farm Animal Wastes; Lagoon; Noise -see Noise; Sus; ...3.0145

PULP INDUSTRY POLLUTION ABATEMENT THROUGH PROCESS MODIFICATION ...Chemical Treatment (water); Forest Industry; Kinetics; Process Design; Pulp and Paper Wastes; ...3.0254

PHOSPHATE REMOVAL BY ACTIVATED SLUDGE PROCESS APPLICATION - PLANT SCALE DEMONSTRATION ...Activated Sludge; Kinetics; Mechanism Determination; Waste Water Treatment -general; ...3.0269

Salt Water

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Western U. S.; ...2.0052

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Marine Geology; Mercury; Pacific Ocean; Radioactivity; Sea Water Sampling; Trace Analysis; ...2.0418

TRACE ELEMENT ANALYSIS BY DIRECT DETERMINATION ON ION EXCHANGE RESINS ...Analysis and Detection; Ion Exchange; Water Quality -general; X-ray Spectroscopy; ...2.0554

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Mineralogical Properties; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

ION SELECTIVE ELECTROCHEMICAL SENSORS ...Brackish Water; Detectors and Sensors; Electrochemistry; Water Pollutant Identification; ...2.0820

GEOCHEMICAL OCEAN SECTION STUDY ...Activation Analysis; Chemical Composition; Gamma Spectroscopy; Marine Geology; Radioactive Isotopes; Radioactivity; Sea Water Chemistry; Trace Analysis; ...2.0844

BRACKISH WATER PURIFICATION BY BIOLOGICAL FUEL CELL POWERED ELECTRODIALYSIS ...Brackish Water; Desalination; Effluents - Waste Water; Electrodialysis; Microorganisms -nonspecific; Water Costs; ...2.0917

Pyrolysis

CHARACTERIZATION OF SMOKE FROM CELLULOSIC FUELS ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Controlled Atmosphere; Fire Research -see Forest Fire; Fuels; Rate of Reaction; ...1.0015

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation; Handbooks; Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; ...1.0071

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Catalysts; Combustion; Fire Research -see Forest Fire; Food Contamination; Fuels; Mass Spectroscopy; Thin Layer Chromatography; ...1.0149

CARBONIZATION OF MUNCIPAL AND INDUSTRIAL WASTE ...Chemical Analysis -general; Pilot Plants; Sewage - Domestic; Thermal Decomposition; Waste Material Recovery; ...3.0039

CHEMICAL REACTIONS OF WOODS AND BARKS ...California; Combustion; Fuels; Industrial Wastes; Pulp and Paper Wastes; Pulp-waste; Water Chemistry; Wet Oxidation; ...3.0065

INCINERATION OF PLASTICS FOUND IN MUNICIPAL REFUSE ...Air Pollution; Burning; Contamination; Incineration; ...3.0248

PYROLYSIS OF SOLID WASTES ...Disposal; Recoverable Materials; Solid Waste; ...3.0293

Radar

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Arctic; Energy-radiation; Ice Fog; Weather Radar; ...1.0327

NAVY ENVIRONMENT--EVALUATION OF THE SAFETY EXPOSURE LIMITS OF RADAR USED BY NAVAL PERSONNEL ...Interaction With Matter; Microwave and Radiofrequency; Military Personnel; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; ...5.0083

Radiation -see Specifics

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Air Pollution-chemistry; Combustion; Effects; Mechanism Determination; Oxidants; Photochemical Reactions; Solar Radiation - sunshine; ...1.0006

EYE IRRITATION RESPONSE MEASUREMENTS FOR EVALUATION OF PHOTOCHEMICAL REACTIVITIES OF HYDROCARBON-NO-AIR AND BENZALDEHYDE-NO-AIR MIXTURES ...Air Pollution -see Specifics; Air Pollution-chemistry; Aldehydes -nonspecific; Nitrogen and Nitrogen Cpds.; Oxidants; Photochemical Reactions; Sulfur Dioxide; ...1.0283

PHOTOSENSITIZED OXYGENATIONS ...Air Pollution -see Specifics; Isotope Effects; Mechanism Determination; Photoactivation and React; Pollution Effects -see Water; Vertebrates - nonspecific; ...1.0889

EFFECT OF POLLUTANTS ON AQUATIC MICROORGANISMS ...Chemical Mutagenesis; Microorganisms; Microorganisms -nonspecific; Physical Mutagenesis; Physiological Effects; Solar Radiation -sunshine; ...2.1469

THE PHOTOBIOLOGY AND PHOTOCHEMISTRY OF RIBONUCLEIC ACIDS ...Cellular Repair Mechanisms; Nicotiana; Photoactivation and React; Plants; Ultra Violet Radiation; Viruses - Animal; ...5.0088

PHOTO- AND RADIOCHEMICAL REACTIONS OF NUCLEIC ACIDS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Kinetics; Radiation; Radiation Chemistry - biophys.; X and Gamma Rays; ...5.0170

A STUDY OF THE BIOCHEMICAL EFFECTS OF IONIZING AND NONIONZING RADIATION ON PLANT METABOLISM DURING DEVELOPMENT ...District of Columbia; Light; Plants; Radiation; Radiation Effects -see Rad.; ...5.0234

KINETIC MODELS OF PHOTOREACTIVATION IN BACTERIA ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Metabolism and Biochemistry; Poisson Distributions; ...5.0295

PHOTOINACTIVATION AND CELLULAR REPAIR ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Dyes -nonspecific; Escherichia Coli; Radiation; Ultra Violet Radiation; ...5.0296

PHOTODYNAMIC MUTAGENESIS ...Bacteriophage; Escherichia Coli; Microorganisms; Radiation; Reversion Mutation; Ultra Violet Radiation; ...5.0297

LASER EFFECTS UPON VISUAL PERFORMANCE ...Cell Injury and Autolysis; Cercopithecoidea; Light; Psychology; Sensory & Perceptual Processes; ...5.0336

AIRCREW VISUAL IMPAIRMENT/INJURY THRESHOLDS FROM NUCLEAR WEAPONS ...Cell Injury and Autolysis; Mammals -nonspecific; Nuclear Warfare; Radiation; Radiation Dose Studies-general; Radiologic Health; ...5.0357

THE BIOLOGY OF THE RETINAL PIGMENT EPITHELIAL CELL ...Cercopithecoidea; Light; Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0377

DERMATOLOGIC REACTIONS INDUCED BY SOLAR RADIATION ...Burns, Cellular Repair Mechanisms; Light-catalyzed;

Mechanism Determination; Radiation Injury Prevention; Radiation Sources -general; Ultra Violet Radiation; ...5.0381

CAROTENOID PIGMENTS AND PHOTOTOXICITY AND PHOTOPROTECTION IN BACTERIA ...Bacterial Studies - general; Cell Injury and Autolysis; Light; Sarcina -nonspecific; ...5.0385

INVESTIGATION OF LIGHT SENSITIVE MATERIALS FOR FLASH BLINDNESS PROTECTION ...Index of Refraction; Materials -properties; Optical; Transmission; ...5.0393

THE BIOLOGICAL EFFECTS OF ENVIRONMENTAL RADIATION ...Environmental Effects - Human; Mammals -nonspecific; Radiation Injury Prevention; Ultra Violet Radiation; ...5.0585

RESPONSE OF SKIN TO MONOCHROMATIC LIGHT ...Radiation Carcinogenesis; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0686

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION ...Cellular Biosynthesis; Environmental Effects - Human; Injury and Shock; Metabolism & Metab. Diseases; Radiation Effects - Biological; Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0688

LONG-TERM EFFECTS OF INTENSE SPECTRAL LIGHT EXPOSURE ON PRIMATES ...Primates -nonspecific; Radiation Effects - Biological; ...5.0695

COMPUTER DATA REDUCTION FOR AIRCREW FLASHBLINDNESS PREDICTION ...Burns; Computer Methods - general; Nuclear Warfare; Occupational Hazards; Radiation Injury Prevention; Spectrographic Techniques; ...5.0701

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Ionizing Radiation - see Rad.; Microorganisms; Protons; Radioactive Isotopes; X and Gamma Rays; Yeasts -nonspecific; ...5.0775

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Cellular Viability; Ionizing Radiation -see Rad.; Protons; Radiation Sensitivity -man; Radioactive Isotopes; X and Gamma Rays; ...5.0776

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Dosimetry; Ionizing Radiation -see Rad.; Protons; Radiation Effects - Biological; Radiation Penetration; X and Gamma Rays; ...5.0777

STUDIES IN THE USE OF IONIZING RADIATION AS STIMULI ...Beta Particles; Learning and Retention; Muridae; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; ...5.0814

THEORETICAL RADIATION DOSIMETRY ...Dosimetry; Fast Neutrons; Monte Carlo Methods; Particle Accelerators; Protons; Radiation Penetration; Radioactive Hazard; ...5.0939

SPECTRAL MEASUREMENT OF NUCLEAR THERMAL OUTPUT FOR HAZARD PREDICTION ...Heat Transmission; Military Sciences; Nuclear Detonations; Radiation Injury Prevention; ...5.0944

PERSONNEL TECHNOLOGY - NAS/NRC ADVISORY SERVICES ON OPERATIONAL PROBLEMS OF VISION AND HEARING ...Acoustics; Aviation Medicine; Consultants, Advisory Services; Military Personnel; Pilots; Vibrations, -bioeffects; ...6.0077

BIOCHEMICAL CORRELATES IN ENVIRONMENTAL STRESS ...Acceleration Effects - Human; Ceboidea; Cellular Biosynthesis; Environmental Effects - Human; Muridae; Noise; Stressors, Physiological; ...6.0188

Electromagnetic Radiation

FORMATION OF NONVOLATILE PARTICULATES FROM ORGANIC VAPORS ...Air Pollution-chemistry; Humidity - Water Vapor; Organic Compounds; Particulates and Aerosols; Solar Radiation -sunshine; ...1.0881

CRITERIA FOR RECOGNITION OF ESTUARINE WATER POLLUTION BY AERIAL REMOTE SENSING ...Aerial Photography -see Photo.; Estuaries; Photography; Surveying; Water Pollutant Identification; ...2.0770

POWDERED CARBON TREATMENT OF WASTEWATER ...Activated Sludge; Electrochemistry; Fluidized Bed Reactor; Organics; Process Design; Thermal Regeneration; Turbidity; Waste Treatment Economics; ...2.1369

RADIATION INDUCED FREE RADICALS AND RADICAL PAIRS ...Kinetics; Light-catalyzed; Nuclear Radiation; Radiation Induced Chem. React.; Temperature Effects; ...5.0253

Nuclear Radiation

NUCLEAR METHODS OF ANALYSIS ...Activation Analysis; Coal Research; Desulfurization; Fluid Mechanics; Pilot Plants; ...1.0857

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Fertilizers; Gulf of Mexico; Lead; Marine Geology; Radiochemical Analysis; Runoff (water); Streams; ...2.0380

GAMMA RADIATION OF TEXTILE WASTE WATER TO REDUCE POLLUTION ...Biochemical Oxygen Demand; Chemical Mechanisms & Kinetics; Detergents -see Surfactants; Industrial Wastes; Radiolysis; Temperature; Textile Industry; Waste Water Treatment -general; ...2.1141

CHEMICAL REACTIONS INDUCED BY ULTRAVIOLET AND IONIZING RADIATION ...Kinetics; Mechanism Determination; Photochemical Reactions; Radiation; Radiolysis; ...5.0017

CHROMATOGRAPHIC SEPARATION OF URANIUM AND PLUTONIUM FROM REPROCESSING PLANT LIQUID WASTE ...Chromatography; Detectors and Sensors; Energy Conversion; Photometry; Radioactive Isotopes; Safety Design - Radioisotopes; Waste Management -see Specific; ...5.0080

RADIATION INDUCED FREE RADICALS AND RADICAL PAIRS ...Electromagnetic Radiation; Kinetics; Light-catalyzed; Radiation Induced Chem. React.; Temperature Effects; ...5.0253

RADIATION CHEMISTRY, PHOTOCHEMISTRY AND EXCITED STATES OF A) OXYANIONS, B) D.N.A ...Chemical Mechanisms & Kinetics; Free Radical Reactions; Mechanism Determination; Photochemical Reactions; Radiation Effects - Biological; Radiolysis; X and Gamma Rays; ...5.0576

RADIATION PHYSICS ...Beta Particles; Ionizing Radiation -see Rad.; Light-catalyzed; Protons; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiolysis; ...5.0739

THE PHYSICAL BASIS OF IONIZING-RADIATION ACTION ...Radiation Effects - Biological; Radiation Induced Chem. React.; ...5.0834

SPECIAL PROBLEMS IN NUCLEAR INSTRUMENTATION AND MEASUREMENT OF W IN GASES ...Alpha Particles; Chemical Mechanisms & Kinetics; Ionization Chambers; Kinetic Isotope Effects; Plastics; Radiological Instruments; ...5.0838

THE VALUE OF RADIOPROTECTIVE COMPOUNDS ...Muridae; Power Development; Radiation; Radiation Effects - Man; Radiation Injury Prevention; X and Gamma Rays; ...5.0965

Radiation Chemistry -biophys.

EFFECT OF ENVIRONMENTAL PARAMETERS ON PESTICIDAL STABILITY ...Degradation; Environmental Effects - Human; Metaholites From Pesticides; Piperonyl Butoxide; Radiation Sources -general; Toxic Substances; ...4.1087

ULTRAVIOLET LIGHT EFFECTS ON NUCLEIC ACID FORMATION AND GENETIC EVENTS IN BACTERIA ...Bacteria -nonspecific; Cellular Biosynthesis; Cellular Repair Mechanisms; Physical Mutagenesis; Ultra Violet Radiation; ...5.0067

THE EFFECT OF RADIATION ON DENTAL TISSUES ...Cell Injury and Autolysis; Muridae; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0092

RADIOSENSITIVITY OF BIOPOLYMER SYNTHESIS, WITH PARTICULAR EMPHASIS ON THE MITOTIC CYCLE ...Cellular Biosynthesis; Radiation; Radiation Sensitivity -man; ...5.0103

RADIATION EFFECTS ON DIFFERENTIATION AND TISSUE CONTROL ...Bacteria -nonspecific; Cell Injury and Autolysis; Fungi -nonspecific; Invertebrates; Physical Mutagenesis; Radiation Carcinogenesis; Radiation, Low Level; X and Gamma Rays; ...5.0138

EFFECTS OF LOW DOSES OF IONIZING RADIATION ON NUCLEIC ACID STRUCTURE AND FUNCTION ...Hydrogen; Radiation, Low Level; Rodentia -other; ...5.0140

BIOLOGICAL CONTROL PROCESSES AND RADIATION ...Bacteriophage; Cellular Biosynthesis; Escherichia Coli; Metabolism and Biochemistry; Radiation; ...5.0142

LATE EFFECTS OF RADIATION IN MAMMALS ...Iodine; Mammals -nonspecific; Radiation, Lethal Dose; Radiation, Whole Body; Radiologic Health; Toxic Substances; X and Gamma Rays; ...5.0149

RADIATION CHEMISTRY OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Kinetics; Radiation Sensitivity -man; X and Gamma Rays; ...5.0156

RADIATION STUDIES ON ISOLATED CHROMOSOMES ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation Effects - Biological; Radiation Sources - general; X and Gamma Rays; ...5.0157

ESR STUDIES OF FREE RADICALS IN RELATION TO BIOLOGICAL EFFECTS OF RADIATION ...Electron Spin Resonance; Laser Effects -bioeffects; Radiation Effects - Biological; Radiation Injury Prevention; Sulfhydryl Compounds; Ultra Violet Radiation; ...5.0164

PHOTO- AND RADIOCHEMICAL REACTIONS OF NUCLEIC ACIDS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Kinetics; Radiation; X and Gamma Rays; ...5.0170

PULSE RADIOLYSIS STUDIES ...Ionizing Radiation -see Rad.; Kinetics; Radiation; Radiation Injury Prevention; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0176

THE INITIAL PROCESSES OF RADIATION DAMAGE TO BIOLOGICALLY IMPORTANT MOLECULES ...Radiation Effects - Biological; ...5.0195

RADIATION EFFECTS IN CHEMISTRY AND BIOCHEMISTRY ...Biochemical Analysis - Tissues; Hydrophobic; Kinetics; Radiation Effects - Biological; Radiation Induced Chem. React.; Radiation Sources -general; ...5.0202

THE CYTOGENETICS OF URANIUM MINERS EXPOSED TO RADON 222 ...Bioassays; Body Isotope Burden; Occupational Hazards; Radiation Carcinogenesis; Radiologic Health; Respiratory Irritants, Inhaled, ...5.0207

REPAIR OF RADIATION DAMAGE TO CELLULAR DNA ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation; Radistion Effects - Biological; X and Gamma Rays; ...5.0209

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Mechanism Determination; Photolysis; Pulse Radiolysis; Radiation Sensitivity - man; Radiolysis; ...5.0223

THE ROLE OF STRUCTURE AND ENERGY (OR IONIZATION) TRANSFER IN RADIATION CHEMISTRY AND BIOLOGY ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Plants; Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0224

AFRRI RADIATION CHEMISTRY PROGRAM ...Cell Injury and Autolysis; Chemical Mechanisms & Kinetics; Ionizing Radiation - see Rad.; Radiation Injury Prevention; ...5.0242

ALTERATION INDUCED BY X-RAY & ULTRAVIOLET LIGHT ON THE SYNTHESIS & MAINTENANCE OF MACROMOLECULAR COMPONENTS WITHIN MICROORGANISMS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Viability; Radiation; Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0244

MECHANISM OF RADIATION EFFECTS ON THE TRANSPORT AND BIOELECTRIC PROPERTIES OF RAT INTESTINE ...Chlorine; Ionic Effect; Muridae; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0263

PULSE RADIOLYSIS IN RADIATION BIOLOGY ...Chemical Mechanisms & Kinetics; Kinetics; Pulse Radiolysis; Radiation Sources -general; ...5.0298

THE ACTIONS OF RADIATIONS ON SOME BIOLOGICAL MODEL SYSTEMS ...Chemical Mechanisms & Kinetics; Ionizing Radiation -see Rad.; Mechanism Determination; Pulse Radiolysis; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0327

RADICAL AND RADIATION CHEMISTRY OF SULFUR COMPOUNDS ...Cell Injury and Autolysis; Free Radical Reactions; Photolysis; Radiolysis; ...5.0341

THE EFFECTS OF IONIZING RADIATION ON MACROMOLECULES OF BIOLOGICAL IMPORTANCE ...Cell Injury and Autolysis; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0364

THE MECHANISM OF RADIATION SENSITIZATION BY 5-BROMODEOXYURIDINE IN CULTURED CHINESE HAMSTER CELLS ...Cell Injury and Autolysis; Cricetus; Mammals -nonspecific; Tumor Pathology; ...5.0366

COMPARATIVE STUDIES OF PROTEIN RADIOLYSIS BY VARIOUS MEANS OF IRRADIATION ...Carbon; Electrical Current -bioeffects; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0367

THE BIOLOGY OF THE RETINAL PIGMENT EPITHELIAL CELL ...Cercopithecoidea; Light; Radiation; Radiation -see Specifics; Radiation Effects - Biological; ...5.0377

CYTOCHEMICAL AND MACROMOLECULAR RADIATION EFFECTS ...Catalysts; Free Radical Reactions; ...5.0379

LASER RADIATION IN PHOTOCHEMISTRY AND PHOTOBIOLOGY ...Dyes -nonspecific; Flash; Hazardous Materials; Laser Effects -bioeffects; Photochemical Reactions; Radiation; Radiation Effects - Biological; ...5.0387

EFFECT OF RADIATION ENERGY ON THE ESSENTIAL AROMATIC AMINO ACIDS ...Ionizing Radiation -see Rad.; Oxidation; Photochemical Reactions; Radiation Effects - Biological; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0392

STUDIES OF RADIATION DAMAGE TO BIOLOGICAL MATERIALS ...Injury and Shock; Lasers and Masers; Radiation; Radiation Effects - Biological; Sulfhydryl Compounds; X and Gamma Rays; ...5.0400

PHYSICAL MECHANISMS IN THE INACTIVATION OF PROTEINS BY RADIATION ...Light-catalyzed; Photosensitizer; Polymerization. Radiation; Radiation Sensitivity -man; ...5.0406

BIOCHEMICAL CHANGES CAUSED BY RADIATION INACTIVATION ...Cell Injury and Autolysis; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0407

STUDIES ON THE MECHANISM OF ULTRAVIOLET INACTIVATION OF ENZYMES ...Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0415

MACROMOLECULAR RADIATION PATHOLOGY ...Biochemical Analysis - Tissues; Cell Injury and Autolysis; Radiation; Radiation Dose Studies-general; X and Gamma Rays; ...5.0453

BASIC EFFECTS OF MICROWAVES ON BIOCHEMICAL PROCESSES ...Interaction With Matter; Physical Mutagenesis; Radiation Effects - Biological; Radiation Sources -general; Thermodynamics -biophysics; ...5.0454

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS ...Bacteriophage; Cell Injury and Autolysis; Cellular Biosynthesis; Escherichia Coli; Microorganisms; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0478

INACTIVATION OF ENZYMES BY IONIZING RADIATION ...Hydrogen; Radiation Effects - Biological; X and Gamma Rays; ...5.0490

THEORETICAL INVESTIGATION OF ELECTRON LET SPECTRA AND DOSE RELATIONSHIP FOR IONIZING RADIATIONS ...Beta Particles; Dosimetry; Metabolism and Biochemistry; Permeability; Spectrographic Techniques; ...5.0492

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Gases; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

EFFECT OF RADIATION ON PROTEINS AND RELATED COMPOUNDS ...Aging; Hydrogen; Mammals -nonspecific; Radiation Effects - Biological; X and Gamma Rays; ...5.0498

BIOENERGETIC MECHANISMS INVOLVING FREE RADICALS - RADIOMIMETIC MECHANISMS AND IRRADIATION STUDIES RELATED TO AGING ...Chemical Mechanisms & Kinetics; Radiation Effects - Biological; Radiolysis; Spectrographic Techniques; ...5.0516

INTERACTION OF THERMAL AND RADIATIVE PROCESSES IN BIOLOGICAL SYSTEMS ...Catalysts; Colorimetric Methods; Radiation Dose Studies-general; Radiation Effects - Biological; Thermochemistry -biophysics; X and Gamma Rays; ...5.0527

ENERGY LOSS CHARACTERISTICS OF RADIATION IN MATTER ...Alpha Particles; Medical Physics; Vertebrates Excl. Man; ...5.0552

BIOLOGICAL EFFECTS OF LOW VELOCITY ELECTRONS ...Beta Particles; Radiation Effects - Biological; Radiation, Low Level; ...5.0557

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Digestive System - Human; Freezing; Muridae; Photochemical Reactions; Radiation; Radiation Effects - Biological; Urine; ...5.0573

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Radiation Effects - Biological; Ultra Violet Radiation; ...5.0574

RADIATION CHEMISTRY, PHOTOCHEMISTRY AND EXCITED STATES OF A) OXYANIONS, B) D.N.A ...Chemical Mechanisms & Kinetics; Free Radical Reactions; Mechanism Determination; Photochemical Reactions; Radiation Effects - Biological; Radiolysis; X and Gamma Rays; ...5.0576

IN VITRO EFFECTS OF IONIZING RADIATION ON GERMINAL EPITHELIUM OF HUMAN TESTIS & ON STEROID BIOSYNTHESIS OF LEYDIG CELLS ...Cellular Biosynthesis; Radiation; Radiation Dose Studies-general; X and Gamma Rays; ...5.0581

RADIATION CHEMISTRY AND RADIOBIOLOGY OF MEDIUM EFFECTS ...Aldehydes -nonspecific; Gas Chromatography; Microorganisms; Radiation; Radiation Dose Studies-general; Radiolysis; Thin Layer Chromatography; ...5.0590

RADIATION CHEMICAL STUDIES ON HEMOCYANINS ...Arachnida; Radiation Effects - Biological; X and Gamma Rays; ...5.0591

STRUCTURE OF THE SPORE-TYPE PHOTOPRODUCT ...Bacteria -nonspecific; Bacterial Morphology; Cell Injury and Autolysis; Microorganisms; Radiation; Ultra Violet Radiation; ...5.0639

X-RAY-INDUCED DAMAGE TO THE DNA OF HAEMOPHILUS INFLUENZAE AND CELLULAR RESPONSE TO THAT

DAMAGE ...Bacterial Population Surveys; Cellular Biosynthesis; Kinetics; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0644

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Bacteria -nonspecific; Cell Injury and Autolysis; Gases; Microorganisms; Plants; Radiation; Temperature; X and Gamma Rays; ...5.0677

PHYSICO-CHEMICAL STUDIES ON IRRADIATED CELLS ...Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Physical Mutagenesis; Radiation; Radiation Sensitivity -man; Radiation Sources -general; ...5.0678

EFFECTS OF UV ON GENETIC MATERIAL ...Bacteria -nonspecific; Bacteriophage; Cellular Repair Mechanisms; Dose Rate, Dose Fractionation; Radiation; Streptomycin; ...5.0684

RADIATION RESPONSE OF IN VITRO MAMMALIAN CELLS ...Cancer; Cellular Model Systems; Cellular Viability; Ionizing Radiation -see Rad.; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0693

ELECTROPHYSIOLOGIC AND HISTOCHEMICAL STUDIES ON EFFECTS OF IONIZING RADIATION ON THE CENTRAL NERVOUS SYSTEM ...Rabbits; Radiation Effects - Biological; Radiation Injury Prevention; X and Gamma Rays; ...5.0708

RADIOSENSITIVITY OF GENETIC STRUCTURES AND MOLECULAR BASIS OF RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIATIONS OF DIFFERENT QUALITIES ...Bacteria -nonspecific; Cell Injury and Autolysis; Physical Mutagenesis; Radiation; Radiation Sensitivity -man; Yeasts -nonspecific; ...5.0712

PULSE RADIOLYSIS OF NUCLEIC ACID DERIVATIVES ...Chemical Mechanisms & Kinetics; Detectors and Sensors; Ionizing Radiation -see Rad.; Mechanism Determination; Radiation Effects - Biological; Radiolysis; ...5.0714

RADIATION PHYSICS ...Beta Particles; Ionizing Radiation -see Rad.; Light-catalyzed; Nuclear Radiation; Protons; Radiation Effects - Biological; Radiolysis; ...5.0739

PHOTOBIOLOGICAL STUDIES ON EARLY DEVELOPMENT ...Cell Injury and Autolysis; Echinodermata; Embryology -basic; Invertebrates; Radiation; Ultra Violet Radiation; ...5.0768

BIOCHEMICAL EVALUATION OF 'SHIR-KHECHT', NATURAL NON-TOXIC CHEMICAL PROTECTOR ...Radiation; Radiation Injury Prevention; ...5.0843

MICROWAVE EXPOSURE SYSTEM AND MICROWAVE DOSIMETRY ...Interaction With Matter; Radiation Effects - Biological; Radiation Sources -general; ...5.0902

GENERAL CONCEPTS IN RADIATION DOSIMETRY. RESEARCH PROGRAMME ON BIOPHYSICAL ASPECTS OF RADIATION QUALITY ...Biological Dosimetry; Dosimetry; ...5.0938

Radiation Detectors

RADIATIVE PROPERTIES OF AEROSOLS IN THE STRATOSPHERE ...Aerosols; Infrared Radiation; Lasers and Masers; Stratosphere; ...1.0167

AERONOMY AND OTHER ATMOSPHERIC STUDIES ...Aerosols; Color - Brightness; Lasers and Masers; Photography; Plasmas; Weather Radar; ...1.0694

POLLUTANTS IN CHIMNEY STACK PLUMES ...Air Pollution - see Specifics; Air Pollution-chemistry; Combustion; Energy Conversion; Infrared Spectroscopy; Particulate Matter - Air Poll.; ...1.0846

FEASIBILITY STUDY OF WATER RESOURCE POLLUTANT IDENTIFICATION BY DIGITAL COMPUTER ANALYSIS OF REMOTE INFRARED SENSOR SPECTRAL INTENSITIES ...Aircraft Remote Sensing; Industrial Wastes; Instrument Services; Man Machine Systems; Optical Detectors; Thermal Pollution; ...2.0793

THREE DIMENSIONAL DISPERSION FROM POINT SOURCES OF CHEMICAL OR THERMAL POLLUTION IN OPEN CHANNELS ...Channels; Lasers - Masers; Mathematical Models; Scattering; Thermal Pollution; Water Pollutant Identification; ...2.0990

HIGH ALTITUDE RADIATION INSTRUMENT SYSTEM ...Aerospace Studies; Aircraft Remote Sensing; Environmental Hazards; Ionization Chambers; Spectrographic Techniques; ...5.0786

ELECTROMAGNETIC RADIATION MEASUREMENT METHODS AND CALIBRATION ...Dosimetry; Electrical Phenomena; Electromagnetic Field; Microscopy; Thermoluminescent Detectors; ...5.0853

Radiation Dose Studies-general

PHYSIOLOGICAL ECOLOGY STUDIES OF DESERT VEGETATION ...Cobalt ; Plant Phenology; Plants; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0014

EXPERIMENTAL RADIONUCLIDE STUDIES ...Hydrogen; Krypton; Plutonium; Radiation, Low Level; Radioactive Fallout-cf Fallout; Strontium; ...5.0045

EFFECTS OF AGING ON SOME ENERGY-LINKED FUNCTIONS OF PLANT MITOCHONDRIA ...Aging; Phaseolus; Radiation; Radiation Effects -see Rad.; Radiation, Lethal Dose; Seeds; ...5.0090

EFFECT OF IRRADIATION ON MEMBRANE AND TRANSPORT CHARACTERISTICS OF ISOLATED FROG SKIN ...Active Transport; Electrical Current -bioeffects; Mathematical Models; Permeability; Radiation; X and Gamma Rays; ...5.0095

ON THE CORRELATION OF INTERNAL RADIATION DOSES FROM INCORPORATED ISOTOPES AND CHROMOSOME ABERRATIONS ...Radioisotopes -nonspecific; ...5.0104

ELECTRICAL AND RADIATION STUDIES ON NEURAL ACTIVITIES IN CULTURE AND IN THE INTACT ORGANISM ...Radiologic Health; ...5.0114

KINETICS OF HEMATOPOIETIC REPOPULATION FOLLOWING IRRADIATION INJURY ...Bacterial Endotoxins; Kinetics; Radiation; Radiation Injury Prevention; Radiation, Low Level; ...5.0135

EFFECTS OF MICROWAVE RADIATION ON NAVAL PERSONNEL ...Microwave and Radiofrequency; Military Personnel; Radiation, Low Level; ...5.0249

THE EFFECT OF RADIUM IN HUMAN BONE ...Radium; ...5.0258

LONG TERM EFFECTS OF PRENATAL GAMMA-IRRADIATION ON RAT BRAIN ...Muridae; Radiation, Low Level; Radiation, Whole Body; X and Gamma Rays; ...5.0342

AIRCREW VISUAL IMPAIRMENT/INJURY THRESHOLDS FROM NUCLEAR WEAPONS ...Cell Injury and Autolysis; Mammals -nonspecific; Nuclear Warfare; Radiation; Radiologic Health; ...5.0357

EXPERIMENTAL ELECTROMAGNETIC RADIATION STUDIES ...Canidae; Electromagnetic Field; Escherichia Coli; Microwave and Radiofrequency; Primates -nonspecific; Radiation Sensitivity - man; ...5.0370

HUMAN RADIATION STUDIES ...Atomic Bomb; Iodine; Nevada; Radiation Sensitivity -man; Respiratory Disease; ...5.0372

EFFECT OF IONIZING RADIATION ON BIOLOGIC HALF-LIFE OF 57COBALT IN THE MOUSE ...Cobalt; Colloids; Muridae; Technetium; X and Gamma Rays; ...5.0401

TOXICITY OF SR90 IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Canidae; Respiratory Irritants, Inhaled; Strontium; ...5.0442

MACROMOLECULAR RADIATION PATHOLOGY ...Biochemical Analysis - Tissues; Cell Injury and Autolysis; Radiation; Radiation Chemistry -biophys.; X and Gamma Rays; ...5.0453

RESPONSE OF LIVING CELLS TO HIGH INTENSITY PULSED ELECTRONS AND EXAMINATION OF OXYGEN DIFFUSION KINETICS IN CELLS ...Anoxia and Hypoxia; Cancer; Metabolism and Biochemistry; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0491

MORPHOLOGICAL AND CYTOLOGICAL STUDIES OF LUNG RESPONSES TO INHALATION AND IRRADIATION ...Aerosols; Monkey; Plutonium; Respiratory Irritants, Inhaled; Tumor Pathology; X and Gamma Rays; ...5.0510

INTERACTION OF THERMAL AND RADIATIVE PROCESSES IN BIOLOGICAL SYSTEMS ...Catalysis; Colorimetric Methods; Radiation Chemistry -biophys.; Radiation Effects - Biological; Thermochemistry -biophysics; X and Gamma Rays; ...5.0527

RADIATION RESPONSE OF THE CELL MEMBRANE ...Cell Injury and Autolysis; Ionic Effect; Kinetics; Permeability; Radiation; X and Gamma Rays; ...5.0562

IN VITRO EFFECTS OF IONIZING RADIATION ON GERMINAL EPITHELIUM OF HUMAN TESTIS & ON STEROID BIOSYNTHESIS OF LEYDIG CELLS ...Cellular Biosynthesis; Radiation; Radiation Chemistry -biophys.; X and Gamma Rays; ...5.0581

RADIATION CHEMISTRY AND RADIOBIOLOGY OF MEDIUM EFFECTS ...Aldehydes -nonspecific; Gas Chromatography; Microorganisms; Radiation; Radiolysis; Thin Layer Chromatography; ...5.0590

IONIZING RADIATION, BEHAVIORAL DEVELOPMENT, AND AGING ...Aging; Learning and Retention; Psychology; Radiation, Low Level; ...5.0605

RADIOIODINE AND LARGE ANIMALS ...Bos; Iodine; Radiation Effects; Vertebrates Excl. Man; ...5.0671

EFFECTS OF X-IRRADIATION ON THE HUMAN TESTIS - AN ELECTRON MICROSCOPE CYTOCHEMICAL STUDY ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; X and Gamma Rays; ...5.0697

LASER DAMAGE THRESHOLDS IN LIVING CELLS FOR OPERATIONAL SAFETY CRITERIA ...Cell Injury and Autolysis; Laser Effects -bioeffects; Occupational Hazards; ...5.0706

RADIUM INDUCED EYE TUMORS ...Canidae; Plutonium; Radiation Carcinogenesis; Radium; Strontium; Thorium; ...5.0727

SPACE NUCLEAR SYSTEMS STUDIES ...Aerosols; Body Isotope Burden; Chemical Mechanisms & Kinetics; Plutonium; Radioactive Hazard; Space Medicine - Exobiology; Sus; ...5.0735

LOW LEVEL CHRONIC IRRADIATION OF SALMON ...Radiation Effects - Man; Radiation, Low Level; Vertebrates Excl. Man; X and Gamma Rays; ...5.0759

EFFECTS OF IRRADIATION, TEMPERATURE AND OTHER ENVIRONMENTAL FACTORS ON SALMONID EMBRYOS ...Embryology -basic; Optical Properties of Water; Radiation Effects - Biological; Temperature (water); X and Gamma Rays; ...5.0763

CALCULATION OF BETA DOSES FROM FALLOUT ...Beta Particles; Civil Defense; Radiologic Health; ...5.0789

BIOLOGICAL INDICATORS OF RADIATION INJURY ...Biological Dosimetry; Mammals -nonspecific; Radiation Sensitivity -man; Radiation Sources -general; Urine; ...5.0805

USE OF BINUCLEATE LYMPHOCYTES AS BIOLOGICAL DOSIMETERS ...Radiation Sources -general; ...5.0918

CHEMICAL PROTECTION AGAINST IONIZING RADIATION ...Bioassays; Digestive System - Human; Muridae; Radiation Injury Prevention; ...5.0931

PERSONNEL EXPOSURE CRITERIA FOR OPERATIONAL RADIOFREQUENCY RADIATION ENVIRONMENTS ...Interaction With Matter; Microwave and Radiofrequency; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; ...5.0945

-see Dosimetry

THE EFFECT OF LASER ENERGY ON CELLS IN TISSUE CULTURES ...Cell Injury and Autolysis; Laser Effects -bioeffects; Military Personnel; Occupational Hazards; ...5.0173

STUDY OF OCULAR EFFECTS OF CHRONIC EXPOSURE TO LASER RADIATION ...Injury and Shock; Laser Effects -bioeffects; Mammals -nonspecific; Occupational Hazards; ...5.0337

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Growth; Plants; Plants - Monocotyledons; Radiation Effects -see Rad.; Radiation Sensitivity -man; Reproductive Physiology; X and Gamma Rays; ...5.0536

INSTRUMENTATION FOR IN VIVO DETERMINATION OF INSOLUBLE PLUTONIUM IN THE LUNG ...Alpha Particles; Instrumentation; Occupational Hazards; Plutonium; Radiologic Health; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0822

OPERATIONAL SAFETY CRITERIA FOR LONG TIME EXPOSURE TO LASER RADIATION ...Laser Effects -bioeffects; Lasers and Masers; Mathematical Models; Military Personnel; ...5.0946

INVESTIGATIONS OF THERMOLUMINESCENT RADIATION DOSIMETRY ...Chemical Dosimetry; Dosimetry; Instrumentation; Neutron -see Radiation; Photochromism; Thermoluminescent Detectors; ...5.0964

Dose Rate, Dose Fractionation

ANALYSIS OF RADIONUCLIDE TRANSPORT AND DEPOSITION FOR PREDICTION OF UPTAKE AND DOSES FROM RELEASE OF RADIONUCLIDES ...Air Pollution -see Specifics; Body Isotope Burden; Food Contamination; Radiation Injury Prevention; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Radiologic Health; ...5.0009

THE ROLE OF ENERGY METABOLISM IN REPAIR AND MACROMOLECULE SYNTHESIS AFTER IRRADIATION ...Adenosine Triphosphate; Biological Dosimetry; Cellular Repair Mechanisms; Radiation Injury Prevention; ...5.0094

RADIOBIOLOGIC STUDIES ON TUMOR TRANSPLANTATION AND IMMUNE PROCESSES ...Cancer Immunology; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0308

BIOCHEMICAL ASPECTS OF ERYTHROPOIESIS IN CHRONIC IRRADIATION ...Anoxia and Hypoxia; Cellular Biosynthesis; Muridae; Radiation; X and Gamma Rays; ...5.0324

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Growth; Plants; Plants - Monocotyledons; Radiation Effects -see Rad.; Radiation Sensitivity -man; Reproductive Physiology; X and Gamma Rays; ...5.0536

ENVIRONMENTAL INTERACTIONS ...Algae -nonspecific; Animal Succession; Invertebrate Physiology; Invertebrates; Salinity (water); X and Gamma Rays; ...5.0540

EFFECTS OF RADIATION ON LARGE ANIMALS - SOMATIC ...Developmental Physiology; Muridae; Ovis; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0620

EFFECTS OF UV ON GENETIC MATERIAL ...Bacteria -nonspecific; Bacteriophage; Cellular Repair Mechanisms; Radiation; Streptomycin; ...5.0684

BIOLOGICAL EFFECTS OF RADIATION EXPOSURES FROM LONG DURATION FLIGHTS AND REPEATED MISSIONS IN LOW DOSE LEVEL ENVIRONMENTS ...Altitude; Beta Particles; Military Personnel; Nuclear Warfare; Pilots; Radiation, Low Level; X and Gamma Rays; ...5.0704

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies -general; Water Pollution Sources; ...5.0831

INFLUENCE OF RADIATION QUALITY AND DOSE RATE ON EARLY AND LATE EFFECTS IN CELL-RENEWAL SYSTEMS IN THE MAMMAL ...Developmental Biology -general; Dosimetry; Fast Neutrons; Mammals -nonspecific; Neutron -see Radiation; Radiation; X and Gamma Rays; ...5.0891

COMPUTER APPLICATIONS ...Californium; Computer Methods - general; Data & Statistics Info Storage; Data Reduction and Analysis; Man Machine Systems; Neutron -see Radiation; ...5.0897

Minimum Or Threshold Dose

HUMAN EYE LASER THRESHOLDS FOR AIR FORCE OPERATIONAL PERSONNEL ...Laser Effects -bioeffects; Lasers and Masers; Mammals -nonspecific; Military Personnel; ...5.0399

MODELS AND MECHANISMS OF THE EFFECTS OF LASER RADIATION ON BIOLOGICAL SYSTEMS ...Cell Injury and Autolysis; Laser Effects -bioeffects; Lasers and Masers; Mathematical Models; Radiation Effects - Biological; ...5.0845

RADIOLOGICAL PHYSICS ...Alpha Particles; Cell Injury and Autolysis; Cellular Viability; Dosimetry; Radiation; Spectrographic Techniques; ...5.0892

Radiation Effects - Biological

LAW-RELATED RESEARCH ON SCIENTIFIC UNCERTAINTY AND TECHNOLOGY ASSESSMENT ...Air Pollution -see Specifics; Environmental Effects - Human; Pesticide Toxicity in Humans; Pesticides -nonspecific; Radiation Sources -general; Radiologic Health; ...1.0497

STUDIES OF AIRBORNE PARTICULATES OF SUBMICRON SIZE ...Aerosols; Gases; Model Studies; Particulates Air Pollution; Radiologic Health; ...1.0899

RADIONUCLIDE METABOLISM IN AQUATIC ANIMALS ...Animal Habitat Studies; Clams; Crayfish; Invertebrate Physiology; Marine Animals; Radioisotopes -nonspecific; Temperature (water); ...2.0036

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Air Pollution -see Specifics; Food Contamination; Pesticide Toxicity in Humans; Physiological Effects; Radiation, Low Level; Residues in Foods; Toxicology; Water Pollution -see Specifics; ...4.0658

CHARACTERIZATION OF RADIOACTIVE PARTICLES PRODUCED BY NUCLEAR DETONATION ...Air Pollution Analysis; Fallout -see Radioactive; Nuclear Detonations; Radioactive Fallout; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Spectrographic Techniques; ...5.0007

A STUDY OF LASER DAMAGE TO BIOLOGICAL MATERIALS ...Cell Injury and Autolysis; Laser Effects -bioeffects; Noise; ...5.0019

NAVY ENVIRONMENT--EPIDEMIOLOGICAL STUDY OF MICROWAVE INJURY IN NAVAL PERSONNEL ...Human Developmental Biology; Interaction With Matter; Microwave and Radiofrequency; Occupational Hazards; Radiologic Health; ...5.0028

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Air - Water - Plant Relations; Cesium; Environmental Ecology; Food Contamination; Pollution Effects -see Water; Radioactive Contamination; Radiologic Health; Soil Chemical Properties; ...5.0031

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

FOR X-RAY RESEARCH ...X and Gamma Rays; ...5.0037

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Colorado; Environmental Effects - Human; Miners; Radiation Carcinogenesis; Radiation Sources - general; Radon; Respiratory Irritants, Inhaled; Uranium; ...5.0044

THE METABOLISM OF THE RARE EARTHS FOLLOWING INHALATION - PATHOLOGIC AND BIOCHEMICAL RESPONSE IN THE LUNG AND OTHER ORGANS ...Aerosols; Environmental Effects - Human; Injury and Shock; Respiratory Irritants, Inhaled; Thulium; Ytterbium; ...5.0049

AEC OFF-SITE RADIOLOGICAL SAFETY PROGRAM ...Atomic Plants; Food Contamination; Nuclear Detonations; Radioactive Fallout; Radioactivity; Thermoluminescent Detectors; ...5.0050

TISSUE CULTURE RESEARCH AND PLANS FOR ITS EXTENSION ...Californium; Cellular Repair Mechanisms; Ionic Effect; Plants; Radium; ...5.0056

RADIOACTIVITY AND TRACE ELEMENTS IN HUMAN BONE AND DIET ...Cesium; Food Contamination; Radiologic Health; Radium; Strontium; ...5.0057

INTERAGENCY REVIEW OF THE HEALTH HAZARDS OF URANIUM MINING - COMPARISON OF EXPERIMENTAL TO EMPIRICAL RESULTS ...Epidemiology; Miners; Radiation Carcinogenesis; Radiologic Health; Tumor Pathology; ...5.0060

FIXATION REACTIONS ...Radioactive Contamination; Radioisotopes -nonspecific; Soil Chemical Properties; ...5.0077

RADIATION INJURY ASSOCIATED WITH HIGH ALTITUDE FLIGHTS AND SPACE OPERATIONS ...Altitude; Beta Particles; Injury and Shock; Mammals -nonspecific; Protons; Radiologic Health; X and Gamma Rays; ...5.0079

NAVY ENVIRONMENT--EVALUATION OF THE SAFETY EXPOSURE LIMITS OF RADAR USED BY NAVAL PERSONNEL ...Interaction With Matter; Microwave and Radiofrequency; Military Personnel; Occupational Hazards; Radar; Radiologic Health; ...5.0083

STUDIES OF THE NATURAL ALPHA-EMITTING RADIOISOTOPES IN MARINE ORGANISMS ...Alpha Particles; Marine Biology - General; Radioisotopes -nonspecific; ...5.0087

EFFECT OF RADIATION ON THYROID PROTEIN BIOSYNTHESIS ...Adenosine Triphosphate; Biochemical Analysis - Tissues; Carbon; Cellular Biosynthesis; X and Gamma Rays; ...5.0091

THE EFFECT OF RADIATION ON DENTAL TISSUES ...Cell Injury and Autolysis; Muridae; Radiation; Radiation Chemistry - biophys.; X and Gamma Rays; ...5.0092

STUDIES ON ENZYMIC REPAIR OF RADIATION INJURY IN MAMMALIAN CELLS ...Cellular Repair Mechanisms; Gases; Injury and Shock; Radiation; ...5.0096

RADIATION INDUCED CHANGES IN NEONATAL NERVOUS SYSTEM ...Cell Injury and Autolysis; Cellular Biosynthesis; Developmental Physiology; Metabolism & Metab. Diseases; Muridae; X and Gamma Rays; ...5.0097

CHROMOSOME ABERRATIONS IN PERIPHERAL BLOOD LYMPHOCYTES IN AREAS OF HIGHER ATMOSPHERIC CONCENTRATIONS OF NATURAL RADON-222 ...Environmental Effects - Human; Radiologic Health; Radon; ...5.0098

RADIOCHEMICAL AND RADIOECOLOGICAL STUDIES ON BRAZILIAN AREAS OF HIGH NATURAL RADIATION - CHROMOSOMAL ABERRATIONS SURVEY ...Brazil; Environmental Effects - Human; Radioactivity Studies -general; Radiologic Health; ...5.0101

RADIOLOGICAL PHYSICS ...Dosimetry; Ionizing Radiation -see Rad.; Mathematical Models; Mercury; Protons; ...5.0113

CELLULAR AND SUBCELLULAR BIOPHYSICS--HEMATOPOIETIC STUDIES ...Developmental Physiology; ...5.0115

MAMMALIAN STUDIES WITH ACCELERATORS: INVESTIGATIONS WITH LARGE ANIMALS ...Ceboidea; Cercopithecoidea; Radiation Sensitivity -man; Radiation Sources -general; Radiation, Lethal Dose; ...5.0121

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Radiation; Space Medicine - Exobiology; Space Science and Technology; Ultrasonic -bioeffects; Ultrasonic Engineering; X and Gamma Rays; ...5.0122

X-IRRADIATION EFFECTS OF ACUTE AND FRACTIONATED EXPOSURE IN BEAGLE DOGS ...Canidae; X and Gamma Rays; ...5.0128

CELLULAR AND CYTOGENETIC EVALUATION OF RADIATION EFFECT ...Canidae; Cellular Biosynthesis; Radiation; Sciuridae; Strontium; X and Gamma Rays; ...5.0131

EFFECT OF PROLONGED LOW DOSE RATE CO60 GAMMA RAY EXPOSURE TO BEAGLES ...Canidae; Cobalt; Radiation, Low Level; Radiation, Whole Body; Radium; Strontium; X and Gamma Rays; ...5.0132

EFFECTS OF LOW-LEVEL IRRADIATION ON DEVELOPING OVARIES OF DOGS AND MONKEYS ...Canidae; Cercopithecoidea; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0133

NEUROPHYSIOLOGICAL AND BEHAVIORAL EFFECTS ASSOCIATED WITH THE INCIDENTAL IRRADIATION OF NORMAL HUMANS ...Psychology; ...5.0145

RADIATION INDUCED RENAL TUMORS - ELECTRON MICROSCOPE STUDIES ...Muridae; Radiation Carcinogenesis; Tumor Pathology; ...5.0146

RADIATION STUDIES ON ISOLATED CHROMOSOMES ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation Chemistry -biophys.; Radiation Sources - general; X and Gamma Rays; ...5.0157

RADIATION EFFECTS ON FORMATION OF PROTEIN AGGREGATES ...X and Gamma Rays; ...5.0163

ESR STUDIES OF FREE RADICALS IN RELATION TO BIOLOGICAL EFFECTS OF RADIATION ...Electron Spin Resonance; Laser Effects -bioeffects; Radiation Chemistry - biophys.; Radiation Injury Prevention; Sulfhydryl Compounds; Ultra Violet Radiation; ...5.0164

PROTRACTED RADIATION EFFECTS ...Healing; Injury -animal; Injury and Shock; Mammals -nonspecific; Mathematical Models; X and Gamma Rays; ...5.0165

SEQUENTIAL STUDY OF ULTRASTRUCTURAL CHANGES IN EXPERIMENTAL RADIATION HEART DISEASE ...Hydrogen; Injury and Shock; Rabbits; X and Gamma Rays; ...5.0172

BASIC STUDIES OF THE IMMUNE RESPONSE AND THE EFFECT OF RADIATION ON THIS RESPONSE ...Cell Injury and Autolysis; Mammals -nonspecific; Radioisotopes -nonspecific; Urine; Viruses - Animal; ...5.0178

ULTRA-HIGH DOSE RATE RADIOBIOLOGY ...Animal Productivity; Hydrogen; Muridae; Pollution Effects -see Water; Radioactive Pollution -ns; Radioecology - Plants; ...5.0181

AGING OF BIOLOGICAL SYSTEMS IN SPACE MISSIONS ...Aging; Aldehydes -nonspecific; Carbon; Muridae; Stressors, Physiological; Ultra Violet Radiation; X and Gamma Rays; ...5.0184

COMPARISON OF ULTRA-VIOLET AND X-RAY DAMAGE IN THE PROGENY OF IRRADIATED CELLS - STUDY OF PROTEIN AND RNA SYNTHESIS IN OEDOGONIUM ...Algae - Chlorophyta; Algal Physiology; Cell Injury and Autolysis; Radiation; Ultra Violet Radiation; ...5.0186

EFFECTS OF FRACTIONATED EXPOSURES OF CULTURED MAMMALIAN CELLS TO ULTRA-VIOLET RADIATION ...Biological Basis; Radiation; Ultra Violet Radiation; ...5.0187

MECHANISMS INVOLVED IN THE CORRECTION OF RADIATION EFFECTS ...Mammals -nonspecific; Radiation Injury Prevention; Radiation Sources -general; ...5.0191

ELECTRON MICROSCOPY STUDY ON THE CELL RESPONSE OF THE CEREBELLAR CORTEX TO IONIZING RADIATION ...Radiation; X and Gamma Rays; ...5.0192

STUDY OF THE COMBINED EFFECTS OF THERMAL TRAUMA AND SIMULATED FALLOUT IRRADIATION ...Burns, Radioactive Fallout-cf Fallout; ...5.0194

THE INITIAL PROCESSES OF RADIATION DAMAGE TO BIOLOGICALLY IMPORTANT MOLECULES ...Radiation Chemistry -biophys.; ...5.0195

REPAIR OF RADIATION DAMAGE DURING HYPOXIA BY SYNCHRONIZED MAMMALIAN CELLS ...Cellular Repair Mechanisms; ...5.0197

BEHAVIORAL RESPONSE OF MAMMALS TO IONIZING RADIATION ...Mammals -nonspecific; Psychology; X and Gamma Rays; ...5.0198

RADIATION EFFECTS IN CHEMISTRY AND BIOCHEMISTRY ...Biochemical Analysis - Tissues; Hydrophobic; Kinetics; Radiation Chemistry -biophys.; Radiation Induced Chem. React.; Radiation Sources -general; ...5.0202

REPAIR OF RADIATION DAMAGE TO CELLULAR DNA ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation; Radiation Chemistry -biophys.; X and Gamma Rays; ...5.0209

EFFECTS OF IRRADIATION ON THE IMMATURE MOUSE ...Aging; Developmental Physiology; Muridae; Radiation Sensitivity -man; ...5.0210

STUDIES ON THE EFFECTS OF RADIATIONS ON DNA ...Bacteria -nonspecific; Cell Injury and Autolysis; Microorganisms; Radiation; Ultra Violet Radiation; X and Gamma Rays; ...5.0213

CATECHOLAMINE METABOLISM FOLLOWING X-IRRADIATION OF MAMMALS ...Injury and Shock; Muridae; Radiation Injury Prevention; Radiation, Whole Body, Stressors, Physiological; Urine; ...5.0214

SPECIFICITY AND INFORMATION TRANSFER IN SENSITIVITY ...Muridae; ...5.0215

NAVY ENVIRONMENT - NONTHERMAL HAZARDS OF EXPOSURE TO RADIOFREQUENCY AND MICROWAVE FIELDS ...Environmental Effects - Human; Interaction With Matter; Microwave and Radiofrequency; Military Personnel; Mutagenesis -nonspecific; Occupational Hazards; Radiologic Health; ...5.0216

TO STUDY BIOLOGICAL HAZARDS OF RADIO FREQUENCY RADIATION ...Injury and Shock; Microwave and Radiofrequency; ...5.0217

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE: THE MINERALIZATION OF ORGANIC NITROGEN IN SOILS FROM VOLCANIC MATERIAL ...Alluvium - Alluvial; Humid Climates; Organic Soils -see Soils; Sediment Lithification; Soil Chemical Properties; Soil Organic Content; ...5.0219

EFFECT OF RADIATION ON PROTEO-HORMONES ACTIVITY ...Cellular Biosynthesis; Sterilization; Stressors, Physiological; X and Gamma Rays; ...5.0220

STUDY OF INTERNAL CONTAMINATION WITH STRONTIUM-90 AND RADIUM-226 IN MAN IN RELATION TO CLINICAL FINDINGS ...Radium; Strontium; ...5.0222

IRRADIATION AND TISSUE-LOCALIZING RESPONSE ...Bacteria -nonspecific; Cancer; Rabbits; Toxic Substances; X and Gamma Rays; ...5.0226

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - POPULATION STUDIES ...Atomic Bomb; Demography; Nuclear Warfare; X and Gamma Rays; ...5.0228

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - GROWTH AND DEVELOPMENT STUDIES ...Aging; Atomic Bomb; Digestive System - Human; Japan; Nuclear Warfare; ...5.0229

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - MORBIDITY STUDIES ...Atomic Bomb; Injury and Shock; Japan; Radiation Carcinogenesis; ...5.0231

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - SPECIFIC DISEASES OR DISORDERS STUDIES ...Atomic Bomb; Digestive System - Human; Exercise; Human Developmental Biology; Japan; Nuclear Warfare; Radiation Carcinogenesis; ...5.0232

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - GENETICS STUDIES ...Atomic Bomb; Injury and Shock; Japan; ...5.0233

FUNCTIONAL EFFECTS OF IONIZING RADIATION ON THE CENTRAL NERVOUS SYSTEM IN MAN ...Cancer; Psychology; X and Gamma Rays; ...5.0239

AFRRI RADIATION CHEMISTRY PROGRAM ...Cell Injury and Autolysis; Chemical Mechanisms & Kinetics; Ionizing Radiation -see Rad.; Radiation Chemistry -biophys.; Radiation Injury Prevention; ...5.0242

ATLAS OF RADIATION PATHOLOGY ...Injury and Shock; Photomicrography; ...5.0243

THE EFFECTS OF EXTREMELY LOW FREQUENCY (ELF) RADIATION ON MAN ...Psychology; Radiation Sources - general; Radiologic Health; ...5.0250

ECOLOGICAL AND RADIO-ECOLOGICAL INVESTIGATIONS AT THE AEC SAVANNAH RIVER PLANT ...Amphibians; Animal Migration; Aquatic Ecology - Animal; Energy Budgets; Mammals -nonspecific; Reptiles; ...5.0260

NAVY ENVIRONMENT - EFFECTS OF MICROWAVE RADIATION ON NAVAL PERSONNEL ...Interaction With Matter; Microwave and Radiofrequency; Military Personnel; Occupational Hazards; Radiologic Health; ...5.0262

MECHANISM OF RADIATION EFFECTS ON THE TRANSPORT AND BIOELECTRIC PROPERTIES OF RAT INTESTINE ...Chlorine; Ionic Effect; Muridae; Radiation; Radiation Chemistry -biophys.; X and Gamma Rays; ...5.0263

IRRADIATION INDUCED CHANGES IN RED BLOOD CELL METABOLISM AND MEMBRANE STRUCTURE ...X and Gamma Rays; ...5.0267

EFFECT OF IONIZING RADIATION ON THE STRUCTURE AND FUNCTION OF ERYTHROCYTES ...X and Gamma Rays; 5.0268

TOXICITY OF RADIOSTRONTIUM IN DOGS ...Canidae; Developmental Physiology; Radiation Carcinogenesis; Strontium; Tumor Pathology; ...5.0274

INTERACTION OF SR90 WITH ONCOGENIC AND NON-ONCOGENIC VIRUS IN PRODUCING BONE CANCER IN MICE ...Co-carcinogenesis; Muridae; Radiation Carcinogenesis; Strontium; Tumor Pathology, Viral Carcinogenesis; Viruses - Animal; ...5.0275

NEUTRON AND GAMMA RAY TOXICITY STUDIES EMPLOYING THE JANUS BIOLOGY REACTOR COMPLEX ...Accident; Aging; Digestive System - Human; Occupational Hazards; Radiation, Lethal Dose; Rodentia -other; ...5.0278

MECHANISMS AND MODELS OF SKELETAL METABOLISM--THEORETICAL ...Canidae; Metabolism and Biochemistry; Radioisotopes -nonspecific; Radiologic Health; Radium; ...5.0283

THEORY OF AGING, MORTALITY AND RADIATION INJURY ...Injury -animal; Lethal Mutation; Mammals -nonspecific; Radiation Sensitivity -man; Simulation Theory; Statistics; X and Gamma Rays; ...5.0286

ACUTE AND CHRONIC RADIATION EFFECTS IN MAMMALS ...Cricetidae -other; Marsupialia -other; Primates -nonspecific; Radiation Effects - Man; Radiation, Low Level; X and Gamma Rays; ...5.0287

EFFECTS OF RADIATION AND DRUGS ON HAIR AND HAIR GROWTH ...Cell Injury and Autolysis; Muridae; Radiation; ...5.0300

ANALYSIS OF THE MORBIDITY AND MORTALITY OF CHILDREN IRRADIATED IN FETAL LIFE ...Computer Methods - general; Human Developmental Biology; Injury and Shock; Radiation Carcinogenesis; ...5.0302

THE MECHANISM OF THE CELL MEDIATED IMMUNE RESPONSE ...Cell Injury and Autolysis; Cellular Biosynthesis; Gallus Domesticus; Injury and Shock; Radiation; ...5.0304

PLANS FOR A COMPARATIVE ONCOLOGY RESEARCH PROGRAM ...Radiation Carcinogenesis; Research Facilities; ...5.0307

PARTIAL-CEL' IRRADIATION OF MITOTIC CELLS ...Amphibians; Cellular Metabolism - Controls; Protons; Radiation; Radiation Carcinogenesis; Ultra Violet Radiation; X and Gamma Rays; ...5.0309

RADIATION INDUCED CHROMOSOME DAMAGE AND CELL RESPONSE ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Mammals -nonspecific; Radiation; X and Gamma Rays; ...5.0311

RESEARCH PROGRAM IN DEVELOPMENTAL NEUROPSYCHOLOGY ...Exercise; Healing; Motivation and Instinct; Primates -nonspecific; Psychology; ...5.0321

THE ACTIONS OF RADIATIONS ON SOME BIOLOGICAL MODEL SYSTEMS ...Chemical Mechanisms & Kinetics; Ionizing Radiation -see Rad.; Mechanism Determination; Pulse Radiolysis; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0327

RADIATION DAMAGE - METABOLISM IN REPRODUCTIVE SYSTEM ...Cellular Biosynthesis; Cellular Repair Mechanisms; Experimental Teratology; Muridae; Radiation Sensitivity -man; ...5.0329

CHROMOSOMES OF BONE MARROW CELLS IN RADIATION-INDUCED LEUKEMIA IN JAPAN ...Japan; Radiation Carcinogenesis; Tumor Pathology; ...5.0330

STUDIES ON MECHANISMS OF IMMUNOSUPPRESSION AND CELLULAR MECHANISMS OF SECONDARY DISEASE ...Mammals -nonspecific; ...5.0333

EFFECT OF SPERMATOGONIAL X-IRRADIATION ON REPRODUCTIVE FITNESS OF MICE ...Evolution; Muridae; X and Gamma Rays; ...5.0344

PARENTAL RADIATION EXPOSURE AND DOWN'S SYNDROME, WITH PARTICULAR ATTENTION TO IONIZING RADIATION AND RADAR (21) ...Human Developmental Biology; Interaction With Matter; Ionizing Radiation -see Rad.; Microwave and Radiofrequency; ...5.0349

MORPHOLOGICAL AND HISTOCHEMICAL CHANGES IN BONE CELLS AFTER IRRADIATION - A LIGHT AND ELECTRON MICROSCOPIC STUDY ...Calcium; Cell Injury and Autolysis; Hydrogen; Plutonium; Radiation; X and Gamma Rays; ...5.0350

STUDIES ON EFFECT OF MICROWAVE IRRADIATION ON TURNOVER RATE OF SEROTONIN AND NOREPINEPHRINE IN RODENT BRAIN ...Microwave and Radiofrequency; Rodentia -other; Temperature & Humidity Effects; Temperature - Human Body; ...5.0352

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Hydrogen; Isotope Tracer -see Tracers; Kinetics; Mass Spec-

troscopy; Polymerization; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0353

RADIATION AND RADIOBIOLOGY RESEARCH CENTER ...Cancer; Cell Injury and Autolysis; Hyperthermal; Radiation; Radiation Sources -general; Research Facilities; X and Gamma Rays; ...5.0354

FUNCTIONAL AND STRUCTURAL ALTERATIONS FOLLOWING X-IRRADIATION OF THE CEREBRAL CORTEX OF THE MONKEY ...Injury and Shock; Monkey; X and Gamma Rays; ...5.0358

NEMATODE MUTANTS WITH DEFECTIVE BEHAVIORAL AND NEURONAL FUNCTION ...Chemical Mutagenesis; Developmental Physiology; Mutagenesis -nonspecific; Nematoda; ...5.0363

THE EFFECTS OF IONIZING RADIATION ON MACROMOLECULES OF BIOLOGICAL IMPORTANCE ...Cell Injury and Autolysis; Radiation; Radiation Chemistry -biophys.; X and Gamma Rays; ...5.0364

TISSUE CULTURE STUDIES OF HUMAN LYMPHOCYTES ...Cellular Metabolism - Controls; Cellular Repair Mechanisms; Radiation; Radioisotopes -nonspecific; Ultra Violet Radiation; ...5.0365

COMPARATIVE STUDIES OF PROTEIN RADIOLYSIS BY VARIOUS MEANS OF IRRADIATION ...Carbon; Electrical Current -bioeffects; Radiation Chemistry -biophys.; Ultra Violet Radiation; X and Gamma Rays; ...5.0367

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology; Fish; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

HUMAN RADIATION STUDIES ...Atomic bomb; Iodine; Nevada; Radiation Dose Studies-general; Radiation Sensitivity -man; Respiratory Disease; ...5.0372

THE BIOLOGY OF THE RETINAL PIGMENT EPITHELIAL CELL ...Cercopithecoidea; Light; Radiation; Radiation -see Specifics; Radiation Chemistry -biophys.; ...5.0377

RADIATION RESPONSE OF MAMMALIAN CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Mammals -nonspecific; Radiation; ...5.0380

PROLIFERATION AND DIFFERENTIATION OF STEM CELLS ...Cancer; Cytotoxin; Muridae; Radiation; ...5.0382

THE INTERACTIONS BETWEEN ALPHA RADIATION AND CHEMICAL CARCINOGENS IN EXPERIMENTAL LUNG CANCER ...Alpha Particles; Chemical Carcinogenesis; Co-carcinogenesis; Mammals -nonspecific; Radiation Carcinogenesis; Respiratory Disease; ...5.0383

LASER RADIATION IN PHOTOCHEMISTRY AND PHOTOBIOLOGY ...Dyes -nonspecific; Flash; Hazardous Materials; Laser Effects -bioeffects; Photochemical Reactions; Radiation; Radiation Chemistry -biophys.; ...5.0387

THE EFFECT OF LASER RADIATION ON BIOLOGICAL SYSTEMS ...Cell Injury and Autolysis; Laser Effects -bioeffects; ...5.0390

EFFECT OF RADIATION ENERGY ON THE ESSENTIAL AROMATIC AMINO ACIDS ...Ionizing Radiation -see Rad.; Oxidation; Photochemical Reactions; Radiation Chemistry -biophys.; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0392

EFFECTS OF IONIZING RADIATION ON MAMMALIAN SPERM AND EGGS ...Mustelidae; X and Gamma Rays; ...5.0396

STUDIES OF RADIATION DAMAGE TO BIOLOGICAL MATERIALS ...Injury and Shock; Lasers and Masers; Radiation; Sulfhydryl Compounds; X and Gamma Rays; ...5.0400

EFFECTS OF RADIATION AND OTHER FACTORS ON THE DEVELOPING FORM AND FUNCTION OF THE NERVOUS SYSTEM ...Developmental Physiology; Experimental Teratology; Injury and Shock; Mammals -nonspecific; ...5.0403

X-IRRADIATION OF BRAIN OF PATIENTS WITH MULTIPLE SCLEROSIS - CEREBROSPINAL FLUID LIPOPROTEINS - WHITE MATTER GANGLOIDS ...X and Gamma Rays; ...5.0404

BIOCHEMICAL CHANGES CAUSED BY RADIATION INACTIVATION ...Cell Injury and Autolysis; Radiation; Radiation Chemistry -biophys.; X and Gamma Rays; ...5.0407

CELLULAR PROLIFERATION AND REGENERATION FOLLOWING TISSUE DAMAGE ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Metabolism - Controls; Healing; Injury and Shock; Radiation; ...5.0412

EFFECTS OF X-RAYS ON NORMAL AND MALIGNANT CELLS ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Viability; Radiation; Radiation, Lethal Dose; Tumor Pathology; X and Gamma Rays; ...5.0416

EFFECT OF URANIUM ON THE TRACHEOBRONCHIAL TREE ...Colorado; Meetings; Occupational Hazards; Respiratory Irritants, Inhaled; ...5.0423

TOXICITY OF INHALED 90Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Canidae; Injury and Shock; Respiratory Irritants, Inhaled; Strontium; ...5.0435

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Aerosols; Canidae; Muridae; Radiologic Health; Respiratory Irritants, Inhaled; Stibium; Thulium; ...5.0440

METABOLISM AND DOSIMETRY OF Y91 INHALED AS FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Canidae; Feces; Respiratory Irritants, Inhaled; Yttrium; ...5.0441

THERAPY FOR INHALED RADIONUCLIDES ...Canidae; Cerium; Chelation & Complexing; Niobium; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0443

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Aerosols; Barium; Cerium; Fission Products-see Radioact.; Praseodymium; Radioactivity; Strontium; Yttrium; ...5.0446

THEORETICAL DESCRIPTION OF THE INTERACTIONS THAT OCCUR BETWEEN RADON DECAY PRODUCTS AND AEROSOLS ...Adsorption; Aerosols; Radioactive Hazard; Radon; Respiratory Irritants, Inhaled; ...5.0447

DOSE-RESPONSE RELATIONSHIPS FOR INHALED ALPHA-EMITTING RADIONUCLIDES ...Alpha Particles; Americum; Canidae; Curium; Injury and Shock; Plutonium; Respiratory Irritants, Inhaled; ...5.0449

THE PATHOLOGY OF ACCELERATED AGING IN GERMFREE MICE ...Aging; Bacteria -nonspecific; Muridae; X and Gamma Rays; ...5.0451

BASIC EFFECTS OF MICROWAVES ON BIOCHEMICAL PROCESSES ...Interaction With Matter; Physical Mutagenesis; Radiation Chemistry -biophys.; Radiation Sources -general; Thermodynamics -biophysics; ...5.0454

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLET AND X-IRRADIATION DAMAGE ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Repair Mechanisms; Haemophilus Sp; Mutagenesis - nonspecific; Ultra Violet Radiation; ...5.0455

GENETIC EFFECTS OF X-RAY EXPOSURE ON REPRODUCTION ...Muridae; Physical Mutagenesis; X and Gamma Rays; ...5.0458

TISSUE REACTION TO DISCRETE, HIGH SPECIFIC-ACTIVITY PARTICULATES, WITH EMPHASIS ON TUMOR FORMATION IN THE LUNG ...Cricetus; Epidemiology; Muridae; Radiation Carcinogenesis; Radiologic Health; ...5.0460

BIOLOGICAL RESPONSES TO RADIOFREQUENCY RADIATION ...Microwave and Radiofrequency; Muridae; Radiation Effects - Man; Radiation, Whole Body; ...5.0463

GENETIC EFFECTS OF X-RAY EXPOSURE ON LONGEVITY ...Muridae; Physical Mutagenesis; X and Gamma Rays; ...5.0464

RADIATION INJURY AND RECOVERY IN DOGS AND PRIMATES ...Canidae; Injury -animal; Monkey; ...5.0465

GENETIC EFFECTS OF PROGENITOR X-RAY EXPOSURE ON REPRODUCTION AND DEVELOPMENT IN PROGENY ...Cell Injury and Autolysis; Mammals -nonspecific; X and Gamma Rays; ...5.0469

GENETIC EFFECTS OF X-RAY EXPOSURE ON LONGEVITY ...Muridae; Neutron -see Radiation; X and Gamma Rays; ...5.0470

RADIATION-INDUCED DIVISION DELAY AND RECOVERY ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Cellular Viability; Hypothermal; Radiation; X and Gamma Rays; ...5.0472

PLACENTAL PROGESTERONE SYNTHESIS FEEDBACK CONTROL AND RADIATION SENSITIVITY ...Cellular Biosynthesis; Kinetics; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0473

MECHANISMS OF RADIATION INDUCED PULMONARY EDEMA ...Mammals -nonspecific; Respiratory Disease; ...5.0475

PHASE I. FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS: RADIATION EFFECTS ON REPRODUCTION AND EMBRYOGENESIS ...Cellular Viability; Embryonic Growth Stages; Muridae; Strontium; ...5.0480

RBE OF MONOENERGETIC NEUTRONS ...Bacteria -nonspecific; Invertebrates; Muridae; Radiation; Radiation, Low Level; ...5.0486

FOLLOW-UP STUDY OF IRRADIATED TINEA CAPITIS CASES ...Injury and Shock; Radiation Carcinogenesis; Trichophyton; X and Gamma Rays; ...5.0487

STATISTICAL ANALYSIS OF LONGITUDINAL GROWTH DATA ON ADOLESCENTS EXPOSED IN UTERO TO THE ATOMIC BOMBS, HIROSHIMA & NAGASAKI ...Atomic Bomb; Environmental Effects - Human; Human Developmental Biology; Nuclear Warfare; ...5.0488

INACTIVATION OF ENZYMES BY IONIZING RADIATION ...Hydrogen; Radiation Chemistry -biophys.; X and Gamma Rays; ...5.0490

EFFECT OF RADIATION ON GLUCOSAMINOGLYCANS IN BONE ...Aging; Cellular Biosynthesis; Healing; Mammals -nonspecific; Metabolism & Metab. Diseases; X and Gamma Rays; ...5.0496

MECHANISMS OF PERMANENT AND DELAYED PATHOLOGIC EFFECTS OF RADIATION ...Aging; Muridae; Rabbits; Radiation Carcinogenesis; Radiation Injury Prevention; X and Gamma Rays; ...5.0497

EFFECT OF RADIATION ON PROTEINS AND RELATED COMPOUNDS ...Aging; Hydrogen; Mammals -nonspecific; Radiation Chemistry -biophys.; X and Gamma Rays; ...5.0498

HEMATOPOIESIS IN NORMAL AND IRRADIATED ANIMALS ...Aging; Canidae; ...5.0500

BIOLOGIC AND PHYSICAL ASPECTS OF AIRBORNE AGENTS ...Canidae; Europium; Injury and Shock; Lutecium; Monkey; Respiratory Irritants, Inhaled; Uranium; ...5.0502

DYNAMIC ASPECTS OF SKELETAL METABOLISM ...Active Transport; Gallus Domesticus; Radioisotopes -nonspecific; ...5.0509

BEHAVIORAL AND NEURAL EFFECTS OF RADIATIONS AND TOXINS ...Burns; Digestive System - Human; Mammals -nonspecific; Psychology; Sensory & Perceptual Processes; ...5.0512

OPTIC LENS OF MAN - INCIDENCE OF MINUTE, DISCRETE SUBCAPSULAR OPACITIES WITH AGING OR FOLLOWING IRRADIATION ...Aging; Atomic Bomb; Nuclear Warfare; Occupational Hazards; Radiation, Low Level; Radiologic Health; X and Gamma Rays; ...5.0515

BIOENERGETIC MECHANISMS INVOLVING FREE RADICALS - RADIOMIMETIC MECHANISMS AND IRRADIATION STUDIES RELATED TO AGING ...Chemical Mechanisms & Kinetics; Radiation Chemistry -biophys.; Radiolysis; Spectrographic Techniques; ...5.0516

COMPARATIVE STUDY OF THE EFFECTS OF X-IRRADIATION ON THE ELASMOBRANCH BRAIN ...Chondrichthyes; Felidae; Injury -animal; Injury and Shock; Vertebrate Anatomy; X and Gamma Rays; ...5.0518

PATHOGENESIS OF EARLY AND LATE EFFECTS OF X-IRRADIATION ON THE RAT AND MONKEY FOREBRAIN ...Cercopithecoidea; Muridae; Psychology; X and Gamma Rays; ...5.0519

LYMPHOCYTE MIGRATION AND KINETICS IN EXPERIMENTAL ANIMALS ...Bos; Cancer; Cellular Biosynthesis; Radioisotopes -nonspecific; ...5.0520

MEDICAL STUDIES OF THE PEOPLE OF THE MARSHALL ISLANDS ACCIDENTALLY EXPOSED TO FALLOUT ...Injury and Shock; Iodine; Radiation Carcinogenesis; Radiologic Health; ...5.0523

BIOLOGICAL MECHANISMS OF NATURAL AND RADIATION-INDUCED AGING ...Aging; Muridae; Mutagenesis -nonspecific; Physical Mutagenesis; Radiation; Radiation Carcinogenesis; Somatic Mutation; ...5.0524

INTERACTION OF THERMAL AND RADIATIVE PROCESSES IN BIOLOGICAL SYSTEMS ...Catalysis; Colorimetric Methods; Radiation Chemistry -biophys.; Radiation Dose Studies-general; Thermochemistry -biophysics; X and Gamma Rays; ...5.0527

EXPERIMENTAL RADIATION CARCINOGENESIS ...Metabolism and Biochemistry; Muridae; Radiation; Radiation Carcinogenesis; Radiation Sensitivity -man; ...5.0529

CORRELATION OF RADIORESISTANCE WITH HEMOPOIETIC PARAMETERS IN MICE ...Metabolism and Biochemistry; Muridae; Radiation Sensitivity -man; X and Gamma Rays; ...5.0530

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

THE EFFECT OF RADIATION ON MUCOSAL PHOSPHOLIPASE ACTIVITY ...Digestive System - Human; Muridae; Radiation; ...5.0550

DNA REPAIR IN LYMPHOCYTES ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Ultra Violet Radiation; X and Gamma Rays; ...5.0553

BIOLOGICAL EFFECTS OF LOW VELOCITY ELECTRONS ...Beta Particles; Radiation Chemistry -biophys.; Radiation, Low Level; ...5.0557

STUDIES ON THE MECHANISM OF THE EFFECT OF IONIZING RADIATIONS ON THE OLFACTORY SYSTEM ...Caviidae; Gases; Muridae; Radistion; X and Gamma Rays; ...5.0558

INVESTIGATIONS OF THE BIOLOGICAL EFFECTS OF RADIATION - A MULTI-DISCIPLINE APPROACH ...Dosimetry; Environmental Hazards; Ionizing Radiation -see Rad.; Radioactivity; Ultra Violet Radiation; X and Gamma Rays; ...5.0561

COMPARISON OF RADIATION AND OXYGEN EFFECTS ON CELLS ...Gases; Ionic Effect; Radiation; X and Gamma Rays; ...5.0563

STUDY OF THE LATENT EFFECTS OF GAMMA IRRADIATION ON HUMAN ENAMEL ...Dyes -nonspecific; Phosphorus and Phosphorus Cpds; Sulfur; X and Gamma Rays; ...5.0568

EFFECTS OF PRENATAL AND EARLY POSTNATAL IRRADIATION ...Aviation Medicine; Developmental Physiology; Muridae; Radiation, Whole Body; ...5.0571

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Digestive System - Human; Freezing; Muridae; Photochemical Reactions; Radiation; Urine; ...5.0573

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0574

EFFECTS OF RADIATION ON PERMEABILITY AND ENZYMES OF SKIN ...Cell Injury and Autolysis; Injury and Shock; Permeability; Phagocytosis; Radiation; Ultra Violet Radiation; ...5.0575

RADIATION CHEMISTRY, PHOTOCHEMISTRY AND EXCITED STATES OF A) OXYANIONS, B) D.N.A ...Chemical Mechanisms & Kinetics; Free Radical Reactions; Mechanism Determination, Photochemical Reactions; Radiolysis; X and Gamma Rays; ...5.0576

RADIATION EFFECTS ON NUCLEIC ACIDS AND PROTECTION ...Carbon; Cellular Biosynthesis; Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0579

RADIATION EFFECTS ON ERYTHROCYTE SODIUM AND POTASSIUM ...Cell Injury and Autolysis; Permeability; Radiation; X and Gamma Rays; ...5.0580

EFFECT OF IONIZING RADIATION ON THE DISTRIBUTION OF DEOXYRIBONUCLEASES AND PHOSPHATASES IN SUBCELLULAR FRACTIONS OF GUINEA PIG EPIDERMIS ...Beta Particles; Cell Injury and Autolysis; Cellular Biosynthesis; Injury and Shock; ...5.0582

MECHANISM OF CREATINURIA IN IRRADIATED RATS ...Injury and Shock; Muridae; Urine; ...5.0587

ADAPTIVE SPECIALIZATIONS IN LEARNING AND MEMORY ...Evolution; Injury and Shock; Learning and Retention; Motivation and Instinct; Sensory & Perceptual Processes; Toxicology; ...5.0588

RADIATION CHEMICAL STUDIES ON HEMOCYANINS ...Arachnida; Radiation Chemistry -biophys.; X and Gamma Rays; ...5.0591

CYTOGENETICS OF POST-IRRADIATION AND VIRAL LEUKEMIA ...Muridae; Radiation Carcinogenesis; Viral Carcinogenesis; ...5.0593

PHYSIOLOGICAL AND PATHOLOGICAL STUDIES ON ANIMALS EXPOSED TO EXTRAORDINARILY LOW FREQUENCY (ELF) RADIATION FIELDS ...Mammals -nonspecific; Radiation, Low Level; ...5.0596

EFFECTS OF RADIATION ON MIGRATORY ORIENTATION OF SALAMANDERS ...Amphibians; Animal Behavioral Ecology; Animal Productivity; Ponds; Radiation Resistance -animals; ...5.0603

IONIZING RADIATION, BEHAVIORAL DEVELOPMENT, AND AGING ...Aging; Learning and Retention; Psychology; Radiation Dose Studies-general; Radiation, Low Level; ...5.0605

EFFECT OF X-IRRADIATION ON THE HORMONAL REGULATION OF THE THYMOLYMPHATIC TISSUE AND THE IMMUNE RESPONSE ...Mammals -nonspecific; X and Gamma Rays; ...5.0610

RADIOBIOLOGY AND NEOPLASIA - MORPHOLOGIC ASPECTS - HISTOPATHOLOGIC STUDIES ...Cancer; Gallium; Injury and Shock; Whole Body; ...5.0627

BIOCHEMISTRY OF LIPIDS AND MEMBRANES IN IRRADIATED AND NEOPLASTIC CELLS ...Aging; Digestive System - Human; Radiation Injury Prevention; Tumor Pathology; ...5.0628

THE EFFECT OF PREVIOUS PARITY ON THE INDUCTION OF OVARIAN TUMORS IN IRRADIATED MICE ...Muridae; ...5.0633

CYTOLOGY AND TISSUE CULTURE IN GENETIC AND DEVELOPMENTAL STUDIES ...Lethal Mutation; Muridae; Somatic Mutation; X and Gamma Rays; ...5.0634

COMPARISON OF DOSE FRACTIONATION AND PROTRACTION AND RBE FOR LATE SOMATIC EFFECTS IN MICE IRRADIATED WITH FAST NEUTRONS ...Muridae; Neutron -see Radiation; Radiation, Whole Body; X and Gamma Rays; ...5.0636

LETHAL EFFECTS OF NEUTRONS TO THE MOUSE ZYGOTE AND EARLY EMBRYO ...Muridae; Neutron -see Radiation; Radiation, Lethal Dose; X and Gamma Rays; ...5.0637

MODIFICATION OF LATE SOMATIC EFFECTS OF RADIATION BY HYPOXIA ...Injury -animal; Muridae; X and Gamma Rays; ...5.0638

PATHOGENESIS OF RADIATION INDUCED HEMOPOIETIC DEATH IN GNOTOBIOTIC MICE ...Muridae; Radiation, Lethal Dose; ...5.0650

INFLUENCE OF THE MICROBIAL ENVIRONMENT ON AGING AND LONG TERM EFFECTS OF RADIATION ...Microorganisms -nonspecific; Muridae; ...5.0651

METABOLISM OF TRACE ELEMENTS ...Beta Particles; Bos; Ovis; Radiation, Whole Body; Strontium; X and Gamma Rays; Zinc; ...5.0658

TISSUE CULTURE STUDIES IN LARGE ANIMALS ...Neutron -see Radiation; Somatic Mutation; Sus; ...5.0670

EFFECT OF DOSE RATE AND TOTAL DOSE OF GAMMA IRRADIATION UPON METABOLIC PARAMETERS IN BIRDS ...Calcium; Gallus Domesticus; Injury -animal; Phosphorus; Strontium; X and Gamma Rays; ...5.0672

METABOLIC EFFECTS OF GASTROINTESTINAL AND SKIN RADIATION INJURY ...Beta Particles; Injury -animal; Ovis; X and Gamma Rays; Zinc; ...5.0675

RESPONSE OF SKIN TO MONOCHROMATIC LIGHT ...Radiation -see Specifics; Radiation Carcinogenesis; Ultra Violet Radiation; ...5.0686

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION ...Carbon; Cellular Biosynthesis; Cellular Metabolism - Controls; Radiation; Rate of Reaction: Ultra Violet Radiation; ...5.0687

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION ...Cellular Biosynthesis; Environmental Effects - Human; Injury and Shock; Metabolism & Metab. Diseases; Radiation -see Specifics; Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0688

CYTOGENETIC INJURY IN X-RAY IRRADIATED MICE ...Muridae; Physical Mutagenesis; X and Gamma Rays; ...5.0691

BIOCHEMICAL EFFECTS OF RADIATION ON INTACT HUMAN SKIN INCUBATED IN VITRO ...Carbon; Cellular Biosynthesis; Ultra Violet Radiation; Ultraviolet Spectroscopy; ...5.0692

RADIATION RESPONSE OF IN VITRO MAMMALIAN CELLS ...Cancer; Cellular Model Systems; Cellular Viability; Ionizing Radiation -see Rad.; Radiation; Ultra Violet Radiation; ...5.0693

LONG-TERM EFFECTS OF INTENSE SPECTRAL LIGHT EXPOSURE ON PRIMATES ...Primates -nonspecific; Radiation -see Specifics; ...5.0695

RADIATION EFFECTS ON CREW-TYPE MULTIPLE TASKS ...Environmental Effects - Human; Nuclear Warfare; Primates - nonspecific; X and Gamma Rays; ...5.0699

RADIATION ALTERED AIRCREW TRACKING ABILITY ...Cercopithecoidea; Military Personnel; Performance - Behavioral Study; Psychology; Radiation Sources -general; Sensory & Perceptual Processes; Systems Research; ...5.0700

PATHOLOGICAL RESPONSES TO SELECTED AEROSPACE ENVIRONMENTS ...Altitude; Aviation Medicine; Environmental Effects - Human; Laser Effects -bioeffects; Microorganisms -nonspecific; Toxic Substances; X and Gamma Rays; ...5.0703

RADIATION PRODUCED BRAIN INJURY - AIRCREW PERFORMANCE DECREMENT ...Aviation Medicine; Primates -nonspecific; Psychology; Radiation Sources -general; ...5.0705

THE EFFECTS OF RADIATIONS ON THE GENETIC SYSTEMS OF ORGANISMS IN RELATION TO THEIR PHYSICAL AND BIOCHEMICAL SYSTEMS ...Chemical Mutagenesis; Lethal Mutation; Physical Mutagenesis; X and Gamma Rays; ...5.0707

ELECTROPHYSIOLOGIC AND HISTOCHEMICAL STUDIES ON EFFECTS OF IONIZING RADIATION ON THE CENTRAL NERVOUS SYSTEM ...Rabbits; Radiation Chemistry -biophys.; Radiation Injury Prevention; X and Gamma Rays; ...5.0708

PULSE RADIOLYSIS OF NUCLEIC ACID DERIVATIVES ...Chemical Mechanisms & Kinetics; Detectors and Sensors; Ionizing Radiation -see Rad.; Mechanism Determination; Radiation Chemistry -biophys.; Radiolysis; ...5.0714

241-AM METABOLISM AND EFFECTS IN BEAGLES ...Americium; Canidae; ...5.0722

DEATH FROM AGING, CANCER, IRRADIATION, AND OTHER STRESSES ...Aging; Canidae; Injury and Shock; Stressors, Physiological; ...5.0725

MICROSCOPIC DISTRIBUTION OF 241-AM IN THE BEAGLE ...Americum; Canidae; Injury and Shock; ...5.0726

FATE AND EFFECTS OF RADIONUCLIDES IN ALASKA ...Alaska; Cesium; Lichenes; Radiologic Health; Strontium; ...5.0736

URANIUM MINERS EXFOLIATIVE PATHOLOGY ...Canidae; Occupational Hazards; Plutonium; Radon; Tobacco -cigarettes; Uranium; ...5.0737

RADIATION PHYSICS ...Beta Particles; Ionizing Radiation -see Rad.; Light-catalyzed; Nuclear Radiation; Protons; Radiation Chemistry -biophys.; Radiolysis; ...5.0739

NAVY ENVIRONMENT--PHYSIOLOGICAL, PATHOLOGICAL AND BEHAVIORAL EFFECTS OF MICROWAVE RADIATION ...Microwave and Radiofrequency; Microwave Engineering; Military Personnel; Occupational Hazards; Radiologic Health; ...5.0740

RADIATION AND HUMAN SPERMATOGENESIS ...X and Gamma Rays; ...5.0741

TERRESTRIAL ANIMAL ECOLOGY ...Animal Productivity; Cricetidae -other; Environmental Ecology; Population Dynamics - general; Radiation Sensitivity -man; Rodentia -other; ...5.0743

INHALATION STUDIES - BIOCHEMICAL STUDIES ...Biochemical Analysis - Tissues; Cellular Biosynthesis; Muridae; Radiation; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0749

COMPARATIVE DISPOSITION OF PLUTONIUM AND AMERICIUM AFTER INHALATION ...Americum; Canidae; Plutonium; Respiratory Irritants, Inhaled; ...5.0751

EFFECT OF IONIZING RADIATION ON ISOLATED CELL NUCLEI ...Cell Injury and Autolysis; Permeability; Radiation; Radiation Carcinogenesis; X and Gamma Rays; ...5.0760

EFFECTS OF IRRADIATION, TEMPERATURE AND OTHER ENVIRONMENTAL FACTORS ON SALMONID EMBRYOS ...Embryology -basic; Optical Properties of Water; Temperature (water); X and Gamma Rays; ...5.0763

GENETIC EFFECTS OF CUMULATIVE IRRADIATION IN RATS ...Lethal Mutation; Muridae; Physical Mutagenesis; X and Gamma Rays; ...5.0764

THE EFFECTS OF IRRADIATION ON ERYTHROCYTE CHIMERISM & IMMUNOLOGIC TOLERANCE IN CATTLE TWINS ...Animal Pharmacology; Bos; Experimental Teratology; Immunology; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0766

RADON AND SILICON DIOXIDE TOXICITY ON RATS' LUNGS ...Muridae; Radon; Respiratory Irritants, Inhaled; Toxicology; ...5.0771

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Dosimetry; Ionizing Radiation -see Rad.; Protons; Radiation -see Specifics; Radiation Penetration; X and Gamma Rays; ...5.0777

REPAIR OF RADIATION-DAMAGED DNA IN HUMAN AND OTHER MAMMALIAN CELLS ...Bos; Cellular Biosynthesis; Radiation; Ultra Violet Radiation; ...5.0791

BIOCHEMICAL ASSAYS IN RADIATION RESPONSE ...Biochemical Analysis - Tissues; Cancer; Mammals -nonspecific; ...5.0794

SULPHYDRYL COMPOUNDS AND PROTECTION AGAINST RADIOMIMETIC ALKYLATING AGENTS ...Radiation Injury Prevention; Sulfhydryl Compounds; ...5.0796

U.S. PARTICIPATION IN FOURTH INTERNATIONAL CONGRESS OF RADIATION RESEARCH ...Cancer; Meetings; ...5.0807

VISUAL CELLULAR STIMULATION BY HIGH ENERGY QUANTA ...Bacterial Exotoxins; Mammals -nonspecific; Radiation; X and Gamma Rays; ...5.0812

STUDIES IN THE USE OF IONIZING RADIATION AS STIMULI ...Beta Particles; Learning and Retention; Muridae; Psychology; Sensory & Perceptual Processes; ...5.0814

RELATIVE BIOLOGICAL EFFECTIVENESS ...Invertebrates; Muridae; Plants; Radiation, Lethal Dose; Vertebrates Excl. Man; X and Gamma Rays; ...5.0828

PHYSICAL AND BIOLOGICAL INVESTIGATIONS OF HIGH ENERGY RADIATION DIRECTED MAINLY TOWARD THERAPY ...Beta Particles; Cancer; Computer Methods -general; Facilities; Radiation Shielding; X and Gamma Rays; ...5.0833

THE PHYSICAL BASIS OF IONIZING-RADIATION ACTION ...Nuclear Radiation; Radiation Induced Chem. React.; ...5.0834

MODELS AND MECHANISMS OF THE EFFECTS OF LASER RADIATION ON BIOLOGICAL SYSTEMS ...Cell Injury and Autolysis; Laser Effects -bioeffects; Lasers and Masers; Mathematical Models; Minimum Or Threshold Dose; ...5.0845

TOOTH COLLECTION FOR RADIOACTIVE NUCLIDE STUDY ...Children; Food Contamination; Human Developmental Biology; Radiologic Health; Strontium; ...5.0860

CALIBRATION OF RESPIRABLE DUST SAMPLERS FOR INHALATION HAZARD EVALUATION ...Aerosols; Air Pollution -see Specifics; Dust; Radioactive Hazard; Radioisotopes -nonspecific; Respiratory Irritants, Inhaled; Toxic Substances; ...5.0864

BASAL METABOLIC RATES AND EXCRETION OF RADIONUCLIDES ...Cesium; Muridae; Radiation Injury Prevention; Whole Body; ...5.0865

CHARACTERISTICS OF A WITHIN-STRAIN RADIATION RESISTANCE FACTOR ...Injury -animal; Muridae; ...5.0867

STUDIES OF URANIUM MINER HAZARDS ASSOCIATED WITH RADON ...Bioassays, Feces; Lead; Occupational Hazards; Radon; Urine; ...5.0885

MICROWAVE EXPOSURE SYSTEM AND MICROWAVE DOSIMETRY ...Interaction With Matter; Radiation Chemistry - biophys.; Radiation Sources -general; ...5.0902

ULTRAVIOLET DOSIMETRY ...Cell Injury and Autolysis; Radiation; Ultra Violet Radiation; ...5.0903

ELECTROMAGNETIC POWER ABSORPTION MEASUREMENTS FOR RADAR HAZARDS ASSESSMENT AD SURVEILLANCE SYSTEMS ...Canidae; Electromagnetic Field; Infra Red; Microwave and Radiofrequency; Surveillance, Electronic; ...5.0915

HAIR AS A MEASURE OF INTERNAL CONTAMINATION WITH RADIONUCLIDES ...Radioactive Isotopes; Radioisotopes - nonspecific; ...5.0917

STUDIES IN IODINE METABOLISM ...Australia; British Isles; Digestive System - Human; Iodine; Japan; Radiologic Health; ...5.0920

COMPARATIVE IN VIVO - IN VITRO RADIOSENSITIVITY OF MAMMALIAN PERIPHERAL LYMPHOCYTES ...Ceboidea; Radiation Sensitivity -man; Radiation, Whole Body; ...5.0928

RBE OF 60 MEV-PROTONS FOR LATE SOMATIC EFFECTS IN MICE ...Muridae; Radiation, Whole Body; Somatic Mutation; X and Gamma Rays; ...5.0930

RADIATION-INDUCED MUTATIONS IN MICE ...Muridae; Physical Mutagenesis; ...5.0935

PREDICTION OF AIRCREW PERFORMANCE BY PSYCHOPHYSIOLOGICAL MONITORING ...Performance - Behavioral Study; Primates -nonspecific; Psychology; Stressors, Physiological; ...5.0948

DEVELOPMENT OF PROCEDURES (METHODOLOGY) OF DETERMINATION OF NATURAL URANIUM IN DIFFERENT BODY ORGANS ...Plutonium; Uranium; ...5.0949

EFFECTS OF RADIOSTRONTIUM IN MINIATURE SWINE ...Strontium; Sus; ...5.0955

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Electronic Components; Radiation; Space Medicine - Exobiology; Space Science and Technology; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0066

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Radiation; Space Medicine - Exobiology; Ultrasonic -bioeffects; X and Gamma Rays; ...6.0067

Invertebrates

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; India; Marine Biology - General; Ocean Currents; Radioactivity; Radioecology - Plants; Salinity; Vertebrates Excl. Man; Water Pollution Sources; ...2.0136

RADIOECOLOGY OF DEBRIS RADIONUCLIDES AT INTERMEDIATE DISTANCES FROM NUCLEAR CRATERING EVENTS ...Contamination - Water; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Radioactive Fallout-cf Fallout; Tungsten; Wildlife -nonspecific; ...5.0006

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISM ...Magnetic Fields -bioeffects; Radiation Sensitivity -man; ...5.0125

RADIATION EFFECTS ON DIFFERENTIATION AND TISSUE CONTROL ...Bacteria -nonspecific; Cell Injury and Autolysis; Fungi -nonspecific; Physical Mutagenesis; Radiation Carcinogenesis; Radiation, Low Level; X and Gamma Rays; ...5.0138

X-RAY INDUCED CHANGES IN DROSOPHILA GERM CELLS ...Lethal Mutation; X and Gamma Rays; ...5.0177

THE EFFECTS AND MECHANISMS OF ACTION OF IONIZING RADIATION ON THE HOUSE FLY MUSCA DOMESTICA ...X and Gamma Rays; ...5.0247

RADIATION RESPONSE AND RECOVERY IN SEA URCHIN GAMETES ...Alpha Particles; Cesium; Curium; Echinodermata; Invertebrate Physiology; X and Gamma Rays; ...5.0272

GENETIC EFFECTS OF RADIATION ON BIOMETRICAL TRAITS ...Muridae; Radiation Resistance -animals; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0318

MUTAGENIC EFFECT OF TRANSMUTATION FROM RADIONUCLIDES INCORPORATED INTO DNA OF DROSOPHILA MELANOGASTER ...Beta Particles; Carbon; Lethal Mutation; Phosphorus; ...5.0340

BIOCHEMICAL AND IMMUNOLOGICAL STUDIES OF ENZYMES OF METAZOAN PARASITES ...Mammals -nonspecific; Nematoda; ...5.0418

RBE OF MONOENERGETIC NEUTRONS ...Bacteria -nonspecific; Muridae; Radiation; Radiation, Low Level; ...5.0486

THE GENETIC EFFECTS OF IONIZING RADIATION IN DROSOPHILA MELANOGASTER ...Lethal Mutation; Neutron - see Radiation; X and Gamma Rays; ...5.0526

ENVIRONMENTAL INTERACTIONS ...Algae -nonspecific; Animal Succession; Dose Rate, Dose Fractionation; Invertebrate Physiology; Salinity (water); X and Gamma Rays; ...5.0540

RADIATION-INDUCED MITOTIC DELAY ...Cellular Repair Mechanisms; Echinodermata; Invertebrate Physiology; Puromycin; X and Gamma Rays; ...5.0567

NEURAL DETECTION OF IONIZING RADIATIONS ...Vertebrates Excl. Man; X and Gamma Rays; ...5.0577

A STUDY OF EFFECTS OF RADIATION ON HOST-PARASITE RELATIONSHIPS ...Developmental Physiology, Invertebrate Physiology; X and Gamma Rays; ...5.0617

RESPONSES OF ANIMALS TO IONIZING RADIATION ...Amphibians; Fish; Radiation Effects - Man; X and Gamma Rays; ...5.0640

COLUMBIA RIVER STUDIES, 1970-1971 ...Atomic Plants; Columbia River; Energy Conversion; Ionizing Radiation -see Rad.; Ostreidae (oyster); Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...5.0762

STUDIES ON THE EFFECT OF X-RAYS ON DNA SYNTHESIS IN POLYTENE CHROMOSOMES ...Cellular Biosynthesis; Cellular Metabolism - Controls; Cellular Repair Mechanisms; Hydrogen, Physical Mutagenesis; Ultra Violet Radiation; X and Gamma Rays; ...5.0765

PHOTOBIOLOGICAL STUDIES ON EARLY DEVELOPMENT ...Cell Injury and Autolysis; Echinodermata; Embryology -basic; Radiation; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0768

RELATIVE BIOLOGICAL EFFECTIVENESS ...Muridae; Plants; Radiation Effects - Biological; Radiation, Lethal Dose; Vertebrates Excl. Man; X and Gamma Rays; ...5.0828

A COMPREHENSIVE APPROACH TO MAJOR FACTORS DETERMINING RADIOSENSITIVITY ...Hydrogen; Microorganisms; Plants; Radiation; Radiation Sensitivity -man; Radiation Sources -general; Vertebrates Excl. Man; ...5.0898

Microorganisms

EFFECT OF POLLUTANTS ON AQUATIC MICROORGANISMS ...Chemical Mutagenesis; Microorganisms -nonspecific; Physical Mutagenesis; Physiological Effects; Radiation -see Specifics; Solar Radiation -sunshine; ...2.1469

MICROFLORA IN THE SURROUNDINGS OF REACTORS, IRRADIATION PLANTS, & OTHER AREAS WITH A HIGH LEVEL OF IRRADIATION OVER A LONG DURATION (ABBREV) ...Air Pollution Sampling; Impact on Environment; Microorganisms -nonspecific; Nuclear Reactors; Radiation; Radiation Sensitivity -man; Radiation Sources -general; ...5.0026

ULTRAVIOLET LIGHT EFFECTS ON NUCLEIC ACID FORMATION AND GENETIC EVENTS IN BACTERIA ...Bacteria -nonspecific; Cellular Biosynthesis; Cellular Repair Mechanisms; Physical Mutagenesis; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0067

RADIATION EFFECTS ON DIFFFRENTIATION AND TISSUE CONTROL ...Bacteria -nonspecific; Cell Injury and Autolysis; Fungi -nonspecific; Invertebrates; Physical Mutagenesis; Radiation Carcinogenesis; Radiation, Low Level; X and Gamma Rays; ...5.0138

BIOLOGICAL CONTROL PROCESSES AND RADIATION ...Bacteriophage; Cellular Biosynthesis; Escherichia Coli; Metabolism and Biochemistry; Radiation; ...5.0142

EFFECT OF IONIZING RADIATION ON DIVISION-RELATED MACROMOLECULES Protozoa; ...5.0150

PHOTO- AND RADIOCHEMICAL REACTIONS OF NUCLEIC ACIDS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Kinetics; Radiation; Radiation Chemistry - biophys.; X and Gamma Rays; ...5.0170

MOLECULAR BASIS OF RADIATION LETHALITY ...Bacteria - nonspecific; Bacteriophage; Escherichia Coli; X and Gamma Rays; ...5.0171

STUDIES ON THE EFFECTS OF RADIATIONS ON DNA ...Bacteria -nonspecific; Cell Injury and Autolysis; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0213

ALTERATION INDUCED BY X-RAY & ULTRAVIOLET LIGHT ON THE SYNTHESIS & MAINTENANCE OF MACROMOLECULAR COMPONENTS WITHIN MICROORGANISMS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Viability; Radiation; Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0244

KINETIC MODELS OF PHOTOREACTIVATION IN BACTERIA ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Metabolism and Biochemistry; Poisson Distributions; Radiation -see Specifics; ...5.0295

PHOTODYNAMIC MUTAGENESIS ...Bacteriophage; Escherichia Coli; Radiation; Reversion Mutation; Ultra Violet Radiation; ...5.0297

KINETIC AND BIOCHEMICAL ANALYSIS OF INTERACTING RADIATION RECOVERY SYSTEMS IN ESCHERICHIA COLI ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Escherichia Coli; Radiation; Radiation Sensitivity -man; ...5.0334

GENETICS OF CANDIDA ALBICANS - NUTRITIONAL MUTAGENESIS AND COMPARATIVE SUSCEPTIBILITY TO ULTRAVIOLET IRRADIATION ...Candida; Cellular Repair Mechanisms; Evolution; Hansenula; Physical Mutagenesis; Radiation; Taxonomy -plant; ...5.0335

EFFECT OF PROCESS CONDITIONS ON REDUCING THE MINIMAL RADIATION DOSE OF RATION ITEMS ...Clostridium Botulinum; Radiation Sensitivity -man; ...5.0391

SOME ASPECTS OF THE MECHANISM OF BACTERIOPHAGE REPLICATION ...Bacteriophage; Cell Injury and Autolysis; Escherichia Coli; Physical Mutagenesis; X and Gamma Rays; ...5.0398

THE EFFECT OF THE INHALATION OF RADIONUCLIDES IN 'INSOLUBLE' FORMS ON THE FATE OF INHALED BACTERIA IN MICE ...Aerosols; Bacterial Population Surveys; Proteus -nonspecific; Staphylococcus Aureus; Stressors, Physiological; Yttrium; ...5.0439

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLETAND X-IRRADIATION DAMAGE ...Bacterial Morphology; Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Cellular Viability; Haemophilus Sp; Radiation; ...5.0456

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS ...Bacteriophage; Cell Injury and Autolysis; Cellular Biosynthesis; Escherichia Coli; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0478

RBE OF MONOENERGETIC NEUTRONS ...Bacteria -nonspecific; Invertebrates; Muridae; Radiation; Radiation, Low Level; ...5.0486

THE RELATIONSHIP OF RADIATION SENSITIVITY TO ALTERATIONS IN THE DNA OF B. SUBTILIS ...Bacillus Subtilis; Bacterial Morphology; Cell Membrane Permeability; Cellular Catabolism-see Degrad; Radiation Sensitivity -man; Ultra Violet Radiation; X and Gamma Rays; ...5.0564

TRANSCRIPTION OF RNA & TRANSLATION OF ENZYMES DURING MITOTIC CYCLE OF PHYSARUM POLYCEPHALUM & RADIATION EFFECTS (ABBREV) ...Cell Injury and Autolysis; Cellular Biosynthesis; Myxomycetes; Radiation; Radiation Effects on Fungi; X and Gamma Rays; ...5.0565

RADIATION CHEMISTRY AND RADIOBIOLOGY OF MEDIUM EFFECTS ...Aldehydes -nonspecific; Gas Chromatography; Radiation; Radiation Dose Studies-general; Radiolysis; Thin Layer Chromatography; ...5.0590

GAMMA RAY EFFECTS ON DICTYOSTELIUM DISCOIDEUM ...Cellular Biosynthesis, Cellular Model Systems; Myxomycetes; X and Gamma Rays; ...5.0594

BASIC ASPECTS OF THE ACTION OF RADIATION ON MICROORGANISMS ...Bacillus Subtilis; Bacteriophage; Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation Injury Prevention; Radiation Sources -general; ...5.0595

STRUCTURE OF THE SPORE-TYPE PHOTOPRODUCT ...Bacteria -nonspecific; Bacterial Morphology; Cell Injury and Autolysis; Radiation; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0639

X-RAY-INDUCED DAMAGE TO THE DNA OF HAEMOPHILUS INFLUENZAE AND CELLULAR RESPONSE TO THAT DAMAGE ...Bacterial Population Surveys; Cellular Biosynthesis; Kinetics; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0644

THE CONTROL OF RESPIRATION IN UV-IRRADIATED BACTERIA AND ITS SIGNIFICANCE IN RECOVERY FROM RADIATION DAMAGE ...Bacterial Studies -general; Cell Injury and Autolysis; Cellular Repair Mechanisms; Escherichia Coli; Hyperthermal; Radiation; Ultra Violet Radiation; ...5.0648

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Bacteria -nonspecific; Cell Injury and Autolysis; Gases; Plants; Radiation; Temperature; X and Gamma Rays; ...5.0677

REPAIR MECHANISMS AND VARIATIONS IN RADIOSENSITIVITY WITHIN THE GENERATION CYCLE OF YEAST CELLS ...Cellular Repair Mechanisms; Radiation Sensitivity -man; Yeasts -nonspecific; ...5.0715

COLUMBIA RIVER STUDIES, 1970-1971 ...Atomic Plants; Columbia River; Energy Conversion; Ionizing Radiation -see Rad.; Ostreidae (oyster); Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...5.0762

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Mammals -nonspecific; Picea; Plants; Populus; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0769

THE DETECTION AND ANALYSIS OF MUTAGENS ...Bacteria - nonspecific; Cell Injury and Autolysis; Chemical Mutagenesis; Evolution; Radiation; ...5.0773

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Ionizing Radiation - see Rad.; Protons; Radiation -see Specifics; Radioactive Isotopes; X and Gamma Rays; Yeasts -nonspecific; ...5.0775

CELLULAR PREDICTORS OF RADIOSENSITIVITY ...Animal Productivity; Bioindicators; Plant Food Chains; Radiation; Radiation Sensitivity -man; ...5.0811

RADIOACTIVE TRACER STUDIES OF SOIL AND LITTER ARTHROPOD FOOD CHAINS ...Animal Productivity; Arthropods; Energy Budgets; Pesticide in Food Chains; Radioactive Contamination; ...5.0816

PHYSICAL AND PHYSIOLOGICAL COMPONENTS OF RADIATION EFFECTS IN CELLS ...Bacillus Megaterium; Bacterial Morphology; Cell Injury and Autolysis; Radiation; Staphylococcus Aureus; ...5.0829

RECOVERY PROCESSES IN AN AMEBOID CELL ...Biological Basis; Cellular Viability; Protozoa; Radiation; Ultra Violet Radiation; ...5.0855

CONTROL OF ION CONTENT OF CELLS ...Active Transport; Cell Injury and Autolysis; Cellular Model Systems; Ionic Effect; Potassium; Strontium; Zooplankton; ...5.0886

A COMPREHENSIVE APPROACH TO MAJOR FACTORS DETERMINING RADIOSENSITIVITY ...Hydrogen; Invertebrates; Plants; Radiation; Radiation Sensitivity -man; Radiation Sources -general; Vertebrates Excl. Man; ...5.0898

Plants

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES. I. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE ...Algae - Chlorophyta; Cell Injury and Autolysis; Chemical Mutagenesis; Industrial Wastes; Metabolism of Algacides; Plant Ecology -nonspecific; Radiation Sources - general; X and Gamma Rays; ...2.0027

RADIOECOLOGY OF DEBRIS RADIONUCLIDES AT INTERMEDIATE DISTANCES FROM NUCLEAR CRATERING EVENTS ...Contamination - Water; Radiation Effects -see Rad.; Radioactive Contamination; Radioactive Fallout-cf Fallout; Tungsten; Wildlife -nonspecific; ...5.0006

ECOLOGICAL STUDIES OF RADIONUCLIDES IN ECOSYSTEMS AT NUCLEAR DETONATION SITES ...Hydrogen; Plant Ecology -nonspecific; Pollution Effects -see Water; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioecology - Plants; Transpiration and Evap; ...5.0008

DISTRIBUTION AND INTERRELATIONSHIP OF ELEMENTS IN BIOLOGICAL SYSTEMS ...Deserts, Arid Lands; Emission Spectroscopy; Mineral Nutrition; Plant Physiological Ecology; Radioecology - Plants; Radioisotopes -nonspecific; Translocation; ...5.0012

INFLUENCE OF SOIL HEATING ON THE GROWTH AND ELEMENTAL COMPOSITION OF BEAN PLANTS ...High Temp. - 85f Or Above; Mineral Nutrition; Organic Soils -see Soils; Radioactive Contamination; Soil Chemical Properties; ...5.0013

PHYSIOLOGICAL ECOLOGY STUDIES OF DESERT VEGETATION ...Cobalt; Plant Phenology; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0014

DEVELOP TECHNIQUES FOR DECONTAMINATING SOILS POLLUTED WITH RADIOACTIVE MATERIALS OR HEAVY METALS ...Bioindicators; Lead; Mineral Nutrition; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Zea Mays - Field Corn; ...5.0041

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOCATIVE MATERIALS ...Absorption (incl. Adsorption); Ion Transport and Elect. Pot.; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Soil Tillage; X and Gamma Rays; ...5.0043

TISSUE CULTURE RESEARCH AND PLANS FOR ITS EXTENSION ...Californium; Cellular Repair Mechanisms; Ionic Effect; Radiation Effects - Biological; Radium; ...5.0056

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

THE PHOTOBIOLOGY AND PHOTOCHEMISTRY OF RIBONUCLEIC ACIDS ...Cellular Repair Mechanisms; Nicotiana; Photoactivation and React; Radiation -see Specifics; Ultra Violet Radiation; Viruses - Animal; ...5.0088

EFFECTS OF AGING ON SOME ENERGY-LINKED FUNCTIONS OF PLANT MITOCHONDRIA ...Aging; Phaseolus; Radiation; Radiation Effects -see Rad.; Radiation, Lethal Dose; Seeds; ...5.0090

STUDIES ON THE EFFECTS OF NEUTRON IRRADIATION ON SEEDS ...Bulgaria; Foreign Agriculture; Hordeum Vulgare; Neutron -see Radiation; Temperature - Air; ...5.0102

REMOVING RADIOACTIVE FALLOUT FROM VEGETABLES AND FRUITS DURING PROCESSING ...Cesium; Fragaria; Radioactive Contamination; Solanum; Vegetables; ...5.0105

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Beta Particles; Lactuca; Pisum; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; Triticum; Zea Mays - Field Corn; ...5.0106

STUDY OF RADIONUCLIDE EFFECTS ON PLANT GROWTH - WITH SPECIAL REGARD TO PLANT DAMAGE CAUSED BY IONIZING RADIATION ...Beta Particles; Dosimetry; Lactuca; Radioactive Isotopes; Triticum; Yttrium; ...5.0118

EFFECTS OF BETA RADIATION ON PLANTS ...Beta Particles; Growth; Radioactive Fallout-cf Fallout; ...5.0119

EFFECTS OF NUCLEAR TESTING ON VASCULAR PLANT AND RODENT POPULATIONS, NEVADA TEST SITE, NYE COUNTY, NEVADA ...Nevada; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Rodentia -other; X and Gamma Rays; Zygophyllaceae; ...5.0147

VASCULAR PLANT AND RODENT PARAMETERS IN 68 MOJAVE AND GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, SOUTHERN NEVADA, 1962-70 ...Animal Productivity; Deserts, Arid Lands; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Vertebrates Excl. Man; ...5.0148

A SURVEY OF CHEMICAL AND PHYSICAL PROPERTIES OF SOILS AT THE NEVADA TEST SITE ...Arid and Desert Regions; Nevada; Plant Species Diversity; Soil Chemical Properties; Soil Types -also See Specifics; ...5.0153

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Arid and Desert Regions; Clay Soils; Mineral Nutrition; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Soil Moisture; X and Gamma Rays; ...5.0159

BEHAVIOR OF CERTAIN SYNTHETIC CHELATING AGENTS IN BIOLOGICAL AND SOIL SYSTEMS ...Absorption (incl. Adsorption); Chelation & Complexing; Mineral Nutrition; Radiation Effects -see Rad.; Soil Chemical Properties; Translocation; ...5.0161

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad.; ...5.0162

EFFECTS OF FALLOUT ON AGRICULTURAL ECOSYSTEMS ...Pesticides -nonspecific; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Radioecology - Plants; ...5.0175

ESTIMATING THE GENETIC HAZARDS OF ENVIRONMENTAL AGENTS ...Cell Injury and Autolysis; Environmental Carcinogenesis; Radiation Carcinogenesis; Vicia; ...5.0179

CHROMOSOME STRUCTURE AS REVEALED BY RADIATION STUDIES ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation; Radiation Sources -general; Vicia; ...5.0182

EFFECTS OF BETA AND GAMMA RADIATION ON DESERT VEGETATION ...Artemisia; Deserts, Arid Lands; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; X and Gamma Rays; ...5.0183

EFFECTS OF RADIATION FROM NUCLEAR EXPLOSIONS ON NATURAL VEGETATION ...Geochemical Investigations; Nuclear Detonations; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Seismology; ...5.0203

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic Bomb; Colorado; Grasslands; Ochotonidae; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; X and Gamma Rays; ...5.0211

EXPERIMENTAL EMBRYOGENESIS AND HISTOGENESIS IN PINUS LAMBERTIANA ...Cell Injury and Autolysis; Growth Substances; Microscopic Spectrophotometry; Pinus Lambertiana; Reproductive Physiology; Spectrographic Techniques; Translocation; ...5.0212

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Tropical Regions; ...5.0218

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Mechanism Determination; Photolysis; Pulse Radiolysis; Radiation Chemistry - biophys.; Radiation Sensitivity -man; Radiolysis; ...5.0223

THE ROLE OF STRUCTURE AND ENERGY (OR IONIZATION) TRANSFER IN RADIATION CHEMISTRY AND BIOLOGY ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0224

A STUDY OF THE BIOCHEMICAL EFFECTS OF IONIZING AND NONIONZING RADIATION ON PLANT METABOLISM DURING DEVELOPMENT ...District of Columbia; Light; Radiation; Radiation Effects -see Rad.; ...5.0234

A CYTOLOGICAL STUDY OF RADIATION INDUCED ALTERATIONS IN CYTOPLASMIC FACTORS CONTROLLING MALE STERILITY IN CORN ...Crotalaria; Helminthosporium; Solanaceae; X and Gamma Rays; ...5.0245

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Foreign Agriculture; Germany; Neutron -see Radiation; ...5.0264

FIELD AND PHYTOTRON EXPERIMENTS ON RADIOSTIMULATION OF SOME GRAIN AND VEGETABLE VARIETIES ...Foreign Agriculture; Hungary; Vegetables; ...5.0266

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Neutron -see Radiation; Radiation Effects -see Rad.; Seeds; ...5.0319

EFFECTS OF GAMMA-IRRADIATION ON DNA TRANSCRIPTION AND RNA TRANSLATION IN PLANTS ...Cell Injury and Autolysis; Chenopodiaceae; Nitrogen Metabolism; Radiation Effects -see Rad.; ...5.0322

STUDIES ON NEUTRON IRRADIATION OF SEEDS ...Foreign Agriculture; Italy; Neutron -see Radiation; ...5.0328

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - I. MECHANISMS OF RADIATION

DAMAGE IN PLANT CELLS ...Cell Injury and Autolysis; Growth Substances; Hordeum Vulgare; Phaseolus; Radiation; Radiation Effects -see Rad.; X and Gamma Rays; ...5.0356

THE WRITING OF A CRITICAL CREATIVE REVIEW ON THE TOPIC, RADIATION SENSITIVITY OF PLANT MERISTEMS ...Radiation; Radiation Effects -see Rad.; Radiation Sensitivity - man; Radiation Sources -general; ...5.0395

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Aging; Commelinaceae; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Radiation Sensitivity -man; Somatic Mutation; Temperature - Air; ...5.0408

EFFECTS OF IRRADIATION ON LICHENS AND LICHEN-FORMING FUNGI AND ALGAE ...Algae -nonspecific; Algal Physiology; Ascomycetes -nonspecific; Cell Membrane Permeability; Radiation; Radiation Effects on Fungi; Symbiosis - Plants; ...5.0410

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES ...Albizzia; Cellular Metabolism - Controls; Growth; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Temperature; X and Gamma Rays; ...5.0414

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Foreign Agriculture; Netherlands; Neutron -see Radiation; ...5.0419

CELLULAR PARAMETERS OF RADIOSENSITIVITY ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation Effects - see Rad.; Radiation Sensitivity -man; Vicia; X and Gamma Rays; ...5.0504

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Neutron -see Radiation; Radiation Effects -see Rad.; Seeds; ...5.0532

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS (ABBREV) ...Arabidopsis; Fast Neutrons; Physical Mutagenesis; Radiation Effects -see Rad.; Zea Mays - Field Corn; ...5.0533

RADIATION CYTOGENETICS OF HIGHER PLANTS ...Arabidopsis; Growth; Neutron -see Radiation; Protons; Somatic Mutation; Zea Mays - Field Corn; ...5.0534

RESPONSE OF PLANTS TO DECAYING RADIATION ...Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; ...5.0535

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Growth; Plants - Monocotyledons; Radiation Effects -see Rad.; Radiation Sensitivity -man; Reproductive Physiology; X and Gamma Rays; ...5.0536

RADIATION RECOVERY MECHANISMS OF G1 AND G2 CELLS IN THE MITOTIC CYCLE OF PISUM ROOT MERISTEMS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Growth; Nucleic Acid Compounds; Radiation Effects -see Rad.; Radioisotopes -nonspecific; ...5.0538

ENVIRONMENTAL BIOLOGY - EFFECTS OF IONIZING RADIATION ON TERRESTRIAL ECOSYSTEMS ...Eastern U. S.; Ionizing Radiation -see Rad.; Plant Population Dynamics -gen; Plant Succession; Radiation Resistance; ...5.0539

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Beta Particles; Plant Biomes; Plant Succession; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioecology - Plants; Soil Microbiology; Wisconsin; ...5.0542

RECOVERY OF A PINE FOREST FOLLOWING EXPOSURE TO IONIZING RADIATION ...Beta Particles; Dominant Organisms; Pinus Taeda; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0543

RECOVERY OF A TROPICAL RAIN FOREST FOLLOWING EXPOSURE TO GAMMA RADIATON ...Dominant Organisms; Moraceae; Radiation Resistance; Rain Forests; Soil Cover Crops; X and Gamma Rays; ...5.0544

RECOVERY OF A NATURAL PLANT COMMUNITY FOLLOWING EXPOSURE TO BETA RADIATION FROM SIMULATED FALLOUT PARTICLES ...Compositae; Plant Ecology -nonspecific; Radioactive Fallout-cf Fallout; Range Or Territorial Distr.; Seeds; ...5.0545

GENETIC EFFECTS OF ACUTE BETA IRRADIATION FROM SIMULATED FALLOUT PARTICLES UPON NATURAL POPULATIONS OF VIGUIERA PORTERI ...Beta Particles; Compositae; Radiation Effects -see Rad.; Seeds; ...5.0546

THE NATURE OF RADIATION SENSITIVITY IN PINES ...Literature Search; Pinus -nonspecific; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; X and Gamma Rays; ...5.0547

EFFECTS OF GAMMA RADIATION ON HERBACEOUS SPECIES IN A NORTHERN HARDWOOD FOREST ...Aster; Deciduous Forests; Plant Ecology -nonspecific; Radiation Effects - see Rad.; Radioecology - Plants; X and Gamma Rays; ...5.0548

RADIATION GENETICS AND RADIATION RESISTANCE IN PEANUTS ...Arachis; Physical Mutagenesis; Radiation Resistance; Radiation Sources -general; Temperature - Air; ...5.0554

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Foreign Agriculture; Neutron -see Radiation; Philippines; ...5.0597

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Neutron -see Radiation; Radiation Effects -see Rad.; Seeds; ...5.0601

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...China; Chlorophyll; Foreign Agriculture; Hordeum Vulgare; Neutron -see Radiation; Oryzeae; X and Gamma Rays; ...5.0602

EFFECTS OF ULTRAVIOLET RADIATION ON ALGAE - MECHANISMS OF INACTIVATION AND REPAIR ...Algae - Chlorophyta; Algae - Euglenophyta; Algal Physiology; Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; Ultra Violet Radiation; ...5.0607

EFFECTIVENESS AND EFFICIENCY OF PHYSICAL AND CHEMICAL MUTAGENS ...Chemical Mutagenesis; Hordeum Vulgare; Neutron -see Radiation; Physical Mutagenesis; Radiation Effects -see Rad.; Temperature - Air; ...5.0613

RESPONSE OF HORTICULTURAL PLANTS TO ACUTE GAMMA RADIATION ...Labiatae; Neutron -see Radiation; Physical Mutagenesis; Radiation, Whole Body; Rate of Mutation; X and Gamma Rays; ...5.0614

CELL SPECIALIZATION IN SHOOT APICAL MERISTEMS AS RELATED TO RADIOSENSITIVITY AND HISTOGENESIS ...Caryophyllaceae; Euphorbiaceae; Labiatae; Physical Mutagenesis; Radiation Sensitivity -man; X and Gamma Rays; Zea Mays - Field Corn; ...5.0615

RADIOECOLOGICAL EFFECTS OF FALLOUT ...Cesium; Gramineae -other; Grasslands; Leaching; Radioactive Fallout-cf Fallout; Runoff (water); Water Cycle; ...5.0629

EFFECTS OF FALLOUT RADIATION ON AGRICULTURE ...Livestock -nonspecific; Radioactive Fallout-cf Fallout; Vertebrates Excl. Man; ...5.0657

CONTROL AND MODIFICATION OF SEED RADIOSENSITIVITY ...Allium; Hordeum Vulgare; Neutron -see Radiation; Oryzeae; Physical Mutagenesis; ...5.0664

THE EFFECTS OF FAST NEUTRONS ON PLANT GROWTH AND MUTATIONS ...Mutagenesis -nonspecific; Neutron -see Radiation; ...5.0665

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Bacteria -nonspecific; Cell Injury and Autolysis; Gases; Microorganisms; Radiation; Temperature; X and Gamma Rays; ...5.0677

THE ROLE OF LIGHT AND TEMPERATURE IN THE GROWTH AND DEVELOPMENT OF PLANTS ...Cold Resistance and Hardiness; Growth; Humidity; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; X and Gamma Rays; ...5.0682

PHOTOREPAIR OF UV DAMAGE TO DNA - PURIFICATION & PROPERTIES OF THE DNA-PYRIMIDINE DIMER PHOTOMONOMERASE (ABBREV) ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cyanides; Photochromism; Radiation Injury Prevention; Yeasts -nonspecific; ...5.0685

THE RESPONSE OF HIGHER PLANTS TO ULTRAVIOLET LIGHT AND OTHER STRESS FACTORS ...Alpine Regions; Cold Resistance and Hardiness; Light and Sun Resistance; Radiation Sources -general; Temperature - Air; ...5.0717

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION OF SEEDS ...Foreign Agriculture; Neutron -see Radiation; Venezuela; ...5.0728

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...Neutron -see Radiation; Radiation Effects -see Rad.; Seeds; ...5.0731

THE NATURE, INDUCTION AND REPAIR OF RADIATION-INDUCED GENETIC DAMAGE IN PLANTS ...Chlorophyll; Enzymes; Growth Substances; Hordeum Vulgare; Physical Mutagenesis; Radiation Effects -see Rad.; Respiration; ...5.0732

A STUDY OF FACTORS GOVERNING PLANT RADIOSENSITIVITY ...Chemical Mutagenesis; Physical Mutagenesis; Respiration; X and Gamma Rays; ...5.0733

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Mammals -nonspecific; Microorganisms; Picea; Populus; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0769

RELATIVE BIOLOGICAL EFFECTIVENESS ...Invertebrates; Muridae; Radiation Effects - Biological; Radiation, Lethal Dose; Vertebrates Excl. Man; X and Gamma Rays; ...5.0828

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Commelinaceae; Dosimetry; Ionizing Radiation - see Rad.; Muridae; Plasmas; Radiation; Radiation Sources - general; X and Gamma Rays; ...5.0870

A COMPREHENSIVE APPROACH TO MAJOR FACTORS DETERMINING RADIOSENSITIVITY ...Hydrogen; Invertebrates; Microorganisms; Radiation; Radiation Sensitivity -man; Radiation Sources -general; Vertebrates Excl. Man; ...5.0898

RELATIONSHIP OF PLOIDY, CHROMOSOME SIZE AND RADIOSENSITIVITY ...Cell Injury and Autolysis; Cobalt; Neutron -see Radiation; Pollens -see Air Pollution; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0899

ENVIRONMENTAL BIOLOGY - METABOLISM AND PRODUCTION OF A FOREST ...Carbon; Photosynthesis; Plant Ecology - nonspecific; Quercus; Radioecology - Plants; X and Gamma Rays; ...5.0900

Vertebrates Excl. Man

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; India; Marine Biology - General; Ocean Currents; Radioactivity; Radioecology - Plants; Salinity; Water Pollution Sources; ...2.0136

RADIOECOLOGY OF DEBRIS RADIONUCLIDES AT INTERMEDIATE DISTANCES FROM NUCLEAR CRATERING EVENTS ...Contamination - Water; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Radioactive Fallout-cf Fallout; Tungsten; Wildlife -nonspecific; ...5.0006

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americum; Atomic Plants; Environment; Krypton; Mammals - nonspecific; Radioactive Pollution -ns; River Basins; Water Pollutants - Path of; ...5.0073

MAMMALIAN STUDIES WITH ACCELERATORS - WHOLE SKIN HELIUM ION IRRADIATION STUDY ...Cobalt; Injury - animal; Muridae; Radiation Sensitivity -man; Radiation, Whole Body; ...5.0126

VASCULAR PLANT AND RODENT PARAMETERS IN 68 MOJAVE AND GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, SOUTHERN NEVADA, 1962-70 ...Animal Productivity; Deserts, Arid Lands; Plants; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; ...5.0148

CONTINUOUS GAMMA IRRADIATION OF NATURAL POPULATIONS OF DESERT ANIMALS ...Arid and Desert Regions; Cesium; Radiation, Lethal Dose; Radioactive Fallout-cf Fallout; Reptiles, Rodentia -other; X and Gamma Rays; ...5.0160

CHROMOSOME STRUCTURE AS REVEALED BY RADIATION STUDIES ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation; Radiation Sources -general; Vicia; ...5.0182

RADIATION OF FISH DURING SYNCHRONOUS MITOSIS ...Fish; Radiation; ...5.0188

THE EFFECTS OF LASER IRRADIATION UPON THE VERTEBRATE RETINA ...Laser Effects -bioeffects; ...5.0190

BIOLOGICAL TRANSDUCTION OF INFARED RADIATION BY SNAKES ...Infra Red; Reptiles; ...5.0201

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic Bomb; Colorado; Grasslands; Ochotonidae; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; X and Gamma Rays; ...5.0211

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Bos; Copper; Iodine; Laboratory Animals; Muridae; Radiation Effects; Sus; X and Gamma Rays; ...5.0246

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation; Bos; Cricetidae -other; Felidae; Forest Environment -general; Radioactive Fallout-cf Fallout; Soil Chemical Properties; ...5.0258

SOFT TISSUE RETENTION OF STRONTIUM-90 ...Rodentia - other; Strontium; Yttrium; ...5.0270

CHANGE IN RADIOSENSITIVITY OF INTESTINAL CRYPTS FROM GROUND SQUIRRELS DURING THE FIRST 48 HOURS AFTER AROUSAL FROM HIBERNATION ...Hibernation; Injury -animal; Radiation Sensitivity -man; Radiation, Lethal Dose; Sciuridae; Temperature - Air; X and Gamma Rays; ...5.0279

CORRELATED STATISTICAL AND CYTOPHYSIOLOGICAL STUDIES OF THE RADIATION RESPONSE IN HIGHER VERTEBRATES ...Gallus Domesticus; Injury -animal; Muridae; Radiation, Lethal Dose; X and Gamma Rays; ...5.0290

GENETIC EFFECTS OF RADIATION ON BIOMETRICAL TRAITS ...Invertebrates; Muridae; Radiation Resistance -animals; Radiation Sensitivity -man; X and Gamma Rays; ...5.0318

EXPERIMENTAL POPULATION GENETICS IN THE LABORATORY MOUSE ...Muridae; Radiation, Lethal Dose; Sus; X and Gamma Rays; ...5.0323

RADIATION-INDUCED CHROMOSOMAL INVERSIONS IN MOUSE POPULATIONS ...Muridae; Mutagenesis -nonspecific; X and Gamma Rays; ...5.0346

EFFECTS OF IONIZING RADIATION ON THE ELASMOBRANCH BRAIN ...Injury -animal; Injury and Shock; Selachii; X and Gamma Rays; ...5.0361

BIOLOGY OF THE EASTERN CHIPMUNK, TAMIAS STRIATUS ...Animal Productivity; Elevation Levels, Altitude; Population Dynamics -general; Sciuridae; ...5.0375

CYSTEAMINE AND X-RAYS PRENATALLY - BEHAVIOR OF THE RAT ...Behavior -vertebrate; Muridae; Psychology; X and Gamma Rays; ...5.0405

EFFECTS OF IONIZING RADIATION & OTHER ENVIRONMENTAL FACTORS ON BREEDING BEHAVIOR, ACTIVITY PATTERNS & MOVEMENT OF SELECTED VERTEBRATES ...Animal Behavioral Ecology; Biological Rhythms; Motivation and Instinct; Odocoileus; Procyonidae; Rabbits; Range Or Territorial Distr.; Teal, Green-winged; ...5.0413

AEC ANIMAL INVESTIGATION PROGRAM ...Animal Migration; Bos; Environmental Ecology; Ovis; Reactor Sites & Rad Waste; ...5.0421

COMPARATIVE METABOLISM OF RADIONUCLIDES BY MAMMALS - FACTORS WHICH ALTER NORMAL METABOLIC PARAMETERS ...Canidae; Cesium; Monkey; Rodentia -other; X and Gamma Rays; ...5.0459

INFLUENCE OF HIGH LET RADIATIONS ON DIVISION DELAY AND SURVIVAL OF MAMMALIAN CELLS IN VITRO ...Cancer; Cellular Repair Mechanisms; Cobalt; Ionic Effect; Neutron -see Radiation; X and Gamma Rays; ...5.0461

DOSE-RESPONSE AND RECOVERY KINETICS FROM LOW-INTENSITY CONTINUOUS AND SUBLETHAL ACUTE GAMMA-RAY EXPOSURES WITH DOGS AND PRIMATES ...Canidae; Cercopithecoidea; Radiation, Low Level; X and Gamma Rays; ...5.0468

CONTROL OF FISSION PRODUCTS INGESTED BY LIVESTOCK ...Bos; Cesium; Iodine; Livestock -nonspecific; Strontium; X and Gamma Rays; ...5.0482

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

ENERGY LOSS CHARACTERISTICS OF RADIATION IN MATTER ...Alpha Particles; Medical Physics; Radiation Chemistry -biophys.; ...5.0552

NEURAL DETECTION OF IONIZING RADIATIONS ...Invertebrates, X and Gamma Rays; ...5.0577

PROBLEMS IN RADIATION EMBRYOLOGY ...Developmental Physiology; Muridae; X and Gamma Rays; ...5.0586

RADIOECOLOGY OF SMALL VERTEBRATE SPECIES UNDER NATURAL ENVIRONMENTS ...Population Dynamics -general; Rodentia -other; Sciuridae; X and Gamma Rays; ...5.0592

EFFECT OF WHOLE BODY X- AND GAMMA-IRRADIATION ON THE BIOSYNTHESIS OF CERTAIN SERUM PROTEINS ...Cell Membrane Permeability; Cellular Metabolism - Controls; Permeability; Radiation, Lethal Dose; Stressors, Physiological; X and Gamma Rays; ...5.0606

RADIOTOXICITY OF FISSION PRODUCT ELEMENTS ...Beta Particles; Injury -animal; Radiation Effects; Radioactive Pollution -ns; Yttrium; Zinc; ...5.0612

EVALUATION OF MEAT FROM ANIMALS EXPOSED TO LETHAL RADIATION LEVELS ...Bos; Food Bacteria; Food Contamination; Radiation, Lethal Dose; Sus; X and Gamma Rays; ...5.0616

EFFECTS OF RADIATION ON REPRODUCTIVE PHYSIOLOGY IN FARM ANIMALS ...Developmental Physiology; Muridae; Ovis; Sus; X and Gamma Rays; ...5.0619

EFFECTS OF RADIATION ON LARGE ANIMALS - SOMATIC ...Developmental Physiology; Dose Rate, Dose Fractionation; Muridae; Ovis; Sus; X and Gamma Rays; ...5.0620

IRRADIATION OF MILK COWS ...Bos; Radiation Effects; X and Gamma Rays; ...5.0621

RESPONSES OF ANIMALS TO IONIZING RADIATION ...Amphibians; Fish; Invertebrates; Radiation Effects - Man; X and Gamma Rays; ...5.0640

LATE EFFECTS OF EXPOSURE TO LOW AND MEDIUM LEVELS OF WHOLE BODY IRRADIATON IN MICE ...Muridae; Radiation, Whole Body; X and Gamma Rays; ...5.0647

THE TIME COURSE OF RECOVERY FROM GAMMA RAYS AND FISSION NEUTRONS ...Injury -animal; Muridae; Neutron -see Radiation; X and Gamma Rays; ...5.0653

LATE EFFECTS OF RADIATION AS A FUNCTION OF DOSE RATES BETWEEN 1 R PER DAY AND 1 R PER SECOND ...Injury -animal; Muridae; X and Gamma Rays; ...5.0654

EFFECT OF RADIATION ON TRACE ELEMENT METABOLISM IN CATTLE, SHEEP AND SWINE ...Bos; Ovis; Sus; ...5.0656

EFFECTS OF FALLOUT RADIATION ON AGRICULTURE ...Livestock -nonspecific; Plants; Radioactive Fallout-cf Fallout; ...5.0657

RADIATION STUDIES ON LIVESTOCK UNDER SIMULATED FALLOUT CONDITIONS ...Animal Productivity; Bos; Radiation Effects; Radioactive Fallout-cf Fallout, Sus; X and Gamma Rays; ...5.0659

EARLY EFFECTS OF 14 MEV NEUTRON IRRADIATION IN SWINE ...Cell Injury and Autolysis; Injury and Shock; Neutron -see Radiation; Radiation, Whole Body; ...5.0660

LATE EFFECTS OF WHOLE-BODY GAMMA AND MIXED NEUTRON-GAMMA IRRADIATION ON LARGE ANIMALS ...Equidae; Neutron -see Radiation; Radiation, Lethal Dose; Radiation, Whole Body; X and Gamma Rays; ...5.0661

LATE EFFECTS OF WHOLE-BODY GAMMA IRRADIATION ON THE WORK PERFORMANCE AND RELATED PHYSIOLOGY OF SHETLAND PONIES ...Equidae; Exercise; Radiation, Whole Body; Temperature & Humidity Effects; Temperature - Air; Temperature - Human Body; X and Gamma Rays; ...5.0662

THE EFFECT OF INTENSITY OF 60CO GAMMA RADIATION ON THE EARLY MORTALITY OF SWINE ...Radiation, Lethal Dose; Sus; X and Gamma Rays; ...5.0663

EFFECTS OF RADIATION ON THE REPRODUCTIVE SYSTEM ...Bos; Radiologic Health; Sus; ...5.0666

EFFECTS OF RADIATION ON LIFETIME REPRODUCTION ...Radiation, Whole Body; ...5.0667

PATHOLOGY ...Bos; Ovis; Sus; X and Gamma Rays; ...5.0668

EFFECTS OF PRENATAL IRRADIATION ON GROWTH ...Developmental Physiology; Muridae; ...5.0669

RADIOIODINE AND LARGE ANIMALS ...Bos; Iodine; Radiation Dose Studies-general; Radiation Effects; ...5.0671

THE METABOLISM OF STRONTIUM AND RELATED NUCLIDES IN POULTRY ...Calcium; Gallus Domesticus; Phosphorus; Phosphorus and Phosphorus Cpds; Radiation Effects; Strontium; X and Gamma Rays; ...5.0673

SPECIES COMPARISON OF THE ACUTE IRRADIATION SYNDROME ...Injury -animal; Iron; Ovis; Radiation, Lethal Dose; Sus; ...5.0676

RADIATION EFFECTS ON MATURE CHICKENS ...Cobalt; Gallus Domesticus; Neutron -see Radiation; Radiation, Lethal Dose; Radioactive Pollution -ns; X and Gamma Rays; ...5.0680

EFFECTS OF RADIOIODINE IN SHEEP AND SWINE ...Iodine; Ovis; Sus; ...5.0746

LOW LEVEL CHRONIC IRRADIATION OF SALMON ...Radiation Dose Studies-general; Radiation Effects - Man; Radiation, Low Level; X and Gamma Rays; ...5.0759

THE EFFECTS OF IRRADIATION ON ERYTHROCYTE CHIMERISM & IMMUNOLOGIC TOLERANCE IN CATTLE TWINS ...Animal Pharmacology; Bos; Experimental Teratology; Immunology; Radiation Effects - Biological; Radiation, Whole Body; ...5.0766

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Mammals -nonspecific; Microorganisms; Picea; Plants; Populus; Radiation Sensitivity -man; X and Gamma Rays; ...5.0769

USE OF IONIZING RADIATIONS AS STIMULI ...Beta Particles; Cercopithecoidea; Muridae; Pigeon; X and Gamma Rays; ...5.0815

RELATIVE BIOLOGICAL EFFECTIVENESS ...Invertebrates; Muridae; Plants; Radiation Effects - Biological; Radiation, Lethal Dose; X and Gamma Rays; ...5.0828

A COMPREHENSIVE APPROACH TO MAJOR FACTORS DETERMINING RADIOSENSITIVITY ...Hydrogen; Invertebrates; Microorganisms; Plants; Radiation; Radiation Sensitivity -man; Radiation Sources -general; ...5.0898

CORRELATION OF DEPTH DOSE DISTRIBUTION PATTERNS WITH BIOLOGICAL EFFECTS IN SWINE FOR CO-60 GAMMA RAYS, 14 MEV NEUTRONS AND FISSION NEUTRONS ...Neutron -see Radiation; Sus; X and Gamma Rays; ...5.0941

Radiation Effects - Man

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOCATIVE MATERIALS ...Absorption (incl. Adsorption); Ion Transport and Elect. Pot.; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Soil Tillage; X and Gamma Rays; ...5.0043

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

PROTECTION FROM LONG-TERM EFFECTS OF IRRADIATION ...Cancer; Chemical Carcinogenesis; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0109

NEUTRON AND GAMMA RAY TOXICITY STUDIES EMPLOYING THE JANUS BIOLOGY REACTOR COMPLEX ...Accident; Aging; Digestive System - Human; Occupational Hazards; Radiation Effects - Biological; Radiation, Lethal Dose; Rodentia -other; ...5.0278

ACUTE AND CHRONIC RADIATION EFFECTS IN MAMMALS ...Cricetidae -other; Marsupialia -other; Primates -nonspecific; Radiation, Low Level; X and Gamma Rays; ...5.0287

LATE EFFECTS OF THORIUM DIOXIDE RETENTION IN HUMANS ...Injury and Shock; Radiation Injury Prevention; Radiation Sources -general; Thorium; ...5.0386

EFFECTS OF IRRADIATION ON LICHENS AND LICHEN-FORMING FUNGI AND ALGAE . Algae -nonspecific; Algal Physiology; Ascomycetes -nonspecific; Cell Membrane Permeability; Radiation; Radiation Effects on Fungi; Symbiosis - Plants; ...5.0410

CHROMOSOME ABERRATIONS PRODUCED BY INTERNALLY DEPOSITED RADIOACTIVE MATERIALS IN THE CHINESE HAMSTER ...Alpha Particles; Beta Particles; Cellular Model Systems; Cerium; Digestive System - Human; Radiation Injury Prevention; Strontium; ...5.0433

BIOCHEMISTRY OF PULMONARY CONNECTIVE TISSUE ...Canidae; ...5.0445

IN VIVO MEASUREMENT OF PLUTONIUM LUNG BURDENS IN HUMANS ...Factory Workers; Gas Filled Detectors; Occupational Hazards; Plutonium; Radioactive Isotopes; Radiologic Health; Scintillation Counting; ...5.0457

BIOLOGICAL RESPONSES TO RADIOFREQUENCY RADIATION ...Microwave and Radiofrequency; Muridae; Radiation Effects - Biological; Radiation, Whole Body; ...5.0463

THE LONG-TERM TURNOVER OF RADIONUCLIDES IN MAN ...Cesium; Computer Methods -general; Metabolism & Metab. Diseases; Metabolism and Biochemistry; Radiologic Health; Strontium; Zinc; ...5.0521

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

RESPONSES OF ANIMALS TO IONIZING RADIATION ...Amphibians; Fish; Invertebrates; X and Gamma Rays; ...5.0640

DELAYED SENSORY EFFECTS OF PRENATAL IRRADIATION ...Auditory Physiology; Developmental Physiology; Learning and Retention; Psychology; Radiation, Low Level; Sensory & Perceptual Processes; X and Gamma Rays; ...5.0681

CHRONIC RADIATION EXPOSURE - CORRELATION OF RADIATION EXPOSURE WITH BIOLOGICAL EFFECTS ON MAN ...Injury and Shock; Occupational Hazards; Radiation, Low Level; Radiologic Health; ...5.0757

LOW LEVEL CHRONIC IRRADIATION OF SALMON ...Radiation Dose Studies-general; Radiation, Low Level; Vertebrates Excl. Man; X and Gamma Rays; ...5.0759

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Commelinaceae; Dosimetry; Ionizing Radiation -see Rad.; Muridae; Plasmas; Radiation; Radiation Sources -general; X and Gamma Rays; ...5.0870

IN VIVO MEASUREMENT OF RADIOACTIVE BODY BURDENS IN SELECTED POPULATIONS ...Cesium; Potassium; Radiation, Whole Body; Radiologic Health; X and Gamma Rays; Zinc; ...5.0095

THE VALUE OF RADIOPROTECTIVE COMPOUNDS ...Muridae; Nuclear Radiation; Power Development; Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0965

Radiation Effects on Fungi

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils, Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types - also See Specifics; Tracers; ...5.0063

GENETICS OF CANDIDA ALBICANS - NUTRITIONAL MUTAGENESIS AND COMPARATIVE SUSCEPTIBILITY TO ULTRAVIOLET IRRADIATION ...Candida; Cellular Repair Mechanisms; Evolution; Hansenula; Physical Mutagenesis; Radiation; Taxonomy -plant; ...5.0335

EFFECTS OF IRRADIATION ON LICHENS AND LICHEN-FORMING FUNGI AND ALGAE ...Algae -nonspecific; Algal Physiology; Ascomycetes -nonspecific; Cell Membrane Permeability; Radiation; Symbiosis - Plants; ...5.0410

A GENETIC, CYTOLOGICAL AND BIOCHEMICAL STUDY OF CELL CYCLE DEPENDENT CHANGES IN RADIATION SENSITIVITY IN YEAST ...Radiation; Radiation Resistance; Radiation Sensitivity -man; Yeasts -nonspecific; ...5.0476

TRANSCRIPTION OF RNA & TRANSLATION OF ENZYMES DURING MITOTIC CYCLE OF PHYSARUM POLYCEPHALUM & RADIATION EFFECTS (ABBREV) ...Cell Injury and Autolysis; Cellular Biosynthesis; Microorganisms; Myxomycetes; Radiation; X and Gamma Rays; ...5.0565

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Ionizing Radiation - see Rad.; Microorganisms; Protons; Radiation -see Specifics; Radioactive Isotopes; X and Gamma Rays; Yeasts -nonspecific; ...5.0775

Radiation Induced Chem. React.

CHARACTERISTICS AND PHOTOCHEMICAL REACTIVITY OF FUEL COMPONENTS AND COMBUSTION PRODUCTS ...Air Pollution-chemistry; Combustion; Gas Chromatography; Nitrogen and Nitrogen Cpds.; Photochemical Reactions; Rate of Reaction; ...1.0127

FORMATION OF NONVOLATILE PARTICULATES FROM ORGANIC VAPORS ...Air Pollution-chemistry; Electromagnetic Radiation; Humidity - Water Vapor; Organic Compounds; Particulates and Aerosols; Solar Radiation -sunshine; ...1.0881

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

WEAPONRY--RADIATION DAMAGE BY NUCLEAR BLASTS ...Catalysis, Heterogeneous; Hmx; Nuclear; Nuclear Detonations; Photolysis; Propellants; Radiation Shielding; ...5.0166

RADIATION EFFECTS IN CHEMISTRY AND BIOCHEMISTRY ...Biochemical Analysis - Tissues; Hydrophobic; Kinetics; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Sources -general; ...5.0202

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Mechanism Determination; Photolysis; Pulse Radiolysis; Radiation Chemistry - biophys.; Radiation Sensitivity -man; Radiolysis; ...5.0223

RADIATION INDUCED FREE RADICALS AND RADICAL PAIRS ...Electromagnetic Radiation; Kinetics; Light-catalyzed; Nuclear Radiation; Temperature Effects; ...5.0253

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Hydrogen; Isotope Tracer -see Tracers; Kinetics; Mass Spectroscopy; Polymerization; Ultra Violet Radiation; ...5.0353

EFFECT OF RADIATION ENERGY ON THE ESSENTIAL AROMATIC AMINO ACIDS ...Ionizing Radiation -see Rad.; Oxidation; Photochemical Reactions; Radiation Chemistry -biophys.; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0392

RADIATION CHEMISTRY AND RADIOBIOLOGY OF MEDIUM EFFECTS ...Aldehydes -nonspecific; Gas Chromatography; Microorganisms; Radiation; Radiation Dose Studies-general; Radiolysis; Thin Layer Chromatography; ...5.0590

THE PHYSICAL BASIS OF IONIZING-RADIATION ACTION ...Nuclear Radiation; Radiation Effects - Biological; ...5.0834

SPECIAL PROBLEMS IN NUCLEAR INSTRUMENTATION AND MEASUREMENT OF W IN GASES ...Alpha Particles; Chemical Mechanisms & Kinetics; Ionization Chambers; Kinetic Isotope Effects; Plastics; Radiological Instruments; ...5.0838

Pulse Radiolysis

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Mechanism Determination; Photolysis; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Radiolysis; ...5.0223

THE ROLE OF STRUCTURE AND ENERGY (OR IONIZATION) TRANSFER IN RADIATION CHEMISTRY AND BIOLOGY ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Plants; Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0224

AFRRI RADIATION CHEMISTRY PROGRAM ...Cell Injury and Autolysis; Chemical Mechanisms & Kinetics; Ionizing Radiation - see Rad.; Radiation Chemistry -biophys.; Radiation Injury Prevention; ...5.0242

PULSE RADIOLYSIS IN RADIATION BIOLOGY ...Chemical Mechanisms & Kinetics; Kinetics; Radiation Chemistry -biophys.; Radiation Sources -general; ...5.0298

THE ACTIONS OF RADIATIONS ON SOME BIOLOGICAL MODEL SYSTEMS ...Chemical Mechanisms & Kinetics; Ionizing Radiation -see Rad.; Mechanism Determination; Radiation Chemistry -biophys.; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0327

Radiolysis

GAMMA RADIATION OF TEXTILE WASTE WATER TO REDUCE POLLUTION ...Biochemical Oxygen Demand; Chemical Mechanisms & Kinetics; Detergents -see Surfactants; Industrial Wastes; Temperature; Textile Industry; Waste Water Treatment -general; ...5.1141

CHEMICAL REACTIONS INDUCED BY ULTRAVIOLET AND IONIZING RADIATION ...Kinetics; Mechanism Determination; Nuclear Radiation; Photochemical Reactions; Radiation; ...5.0017

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Mechanism Determination; Photolysis; Pulse Radiolysis; Radiation Chemistry - biophys.; Radiation Sensitivity -man; ...5.0223

AFRRI RADIATION CHEMISTRY PROGRAM ...Cell Injury and Autolysis; Chemical Mechanisms & Kinetics; Ionizing Radiation - see Rad.; Radiation Chemistry -biophys.; Radiation Injury Prevention; ...5.0242

PULSE RADIOLYSIS IN RADIATION BIOLOGY ...Chemical Mechanisms & Kinetics; Kinetics; Pulse Radiolysis; Radiation Chemistry -biophys.; Radiation Sources -general; ...5.0298

RADICAL AND RADIATION CHEMISTRY OF SULFUR COMPOUNDS ...Cell Injury and Autolysis; Free Radical Reactions; Photolysis; Radiation Chemistry -biophys.; ...5.0341

BIOENERGETIC MECHANISMS INVOLVING FREE RADICALS - RADIOMIMETIC MECHANISMS AND IRRADIATION STUDIES RELATED TO AGING ...Chemical Mechanisms & Kinetics; Radiation Chemistry -biophys.; Radiation Effects - Biological; Spectrographic Techniques; ...5.0516

RADIATION CHEMISTRY, PHOTOCHEMISTRY AND EXCITED STATES OF A) OXYANIONS, B) D.N.A ...Chemical Mechanisms & Kinetics; Free Radical Reactions; Mechanism Determination; Photochemical Reactions; Radiation Effects - Biological; X and Gamma Rays; ...5.0576

RADIATION CHEMISTRY AND RADIOBIOLOGY OF MEDIUM EFFECTS ...Aldehydes -nonspecific; Gas Chromatography; Microorganisms; Radiation; Radiation Dose Studies-general; Thin Layer Chromatography; ...5.0590

PULSE RADIOLYSIS OF NUCLEIC ACID DERIVATIVES ...Chemical Mechanisms & Kinetics; Detectors and Sensors; Ionizing Radiation -see Rad.; Mechanism Determination; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0714

RADIATION PHYSICS ...Beta Particles; Ionizing Radiation -see Rad.; Light-catalyzed; Nuclear Radiation; Protons; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0739

CHEMICAL DOSIMETRY ...Detectors and Sensors; Instrumentation; Microwave and Radiofrequency; Polymerization; ...5.0084

Radiation Injury Prevention

LOSS OF ORGANIC AND INORGANIC MATERIALS FROM ABOVE-GROUND PLANT PARTS BY LEACHING ...Absorption (incl. Adsorption); Aging; Dew; Fog, Haze, Mist; Nitrogen Metabolism; Radioactive Fallout-cf Fallout; Rain; Translocation; ...3.0268

ANALYSIS OF RADIONUCLIDE TRANSPORT AND DEPOSITION FOR PREDICTION OF UPTAKE AND DOSES FROM RELEASE OF RADIONUCLIDES ...Air Pollution -see Specifics; Body Isotope Burden; Dose Rate, Dose Fractionation; Food Contamination; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Radiologic Health; ...5.0009

BIOLOGICAL AVAILABILITY TO DAIRY PRODUCTS OF MAN-MADE RADIONUCLIDES ...Bos; Food Contamination; Germanium; Hydrogen; Sodium; ...5.0011

PHASE II PLANNING STUDY FOR EVALUATION OF RADIOACTIVE CONTAMINATION OF THE FOOD CHAIN ...Food Contamination; Plant Tissue Analysis -chem.; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioisotopes - nonspecific; Radiologic Health; ...5.0053

RADIATION PATHWAYS STUDIES ...Environmental Aspects; Hydrogen; Iodine; Nuclear Detonations; Radioactivity; Recovery - Production; Zinc; ...5.0061

IRON-55 AND LEAD IN THE HUMAN POPULATION OF THE WORLD ...Animal Productivity; Food Contamination; Health & Geographic Factors; Lead; Radiologic Health; ...5.0084

THE ROLE OF ENERGY METABOLISM IN REPAIR AND MACROMOLECULE SYNTHESIS AFTER IRRADIATION ...Adenosine Triphosphate; Biological Dosimetry; Cellular Repair Mechanisms; Dose Rate, Dose Fractionation; ...5.0094

REMOVING RADIOACTIVE FALLOUT FROM VEGETABLES AND FRUITS DURING PROCESSING ...Cesium; Fragaria; Plants; Radioactive Contamination; Solanum; Vegetables; ...5.0105

RADIATION STUDIES ON CELL POPULATIONS ...Cancer; Cell Injury and Autolysis; Ionizing Radiation -see Rad.; Radiation; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0107

STUDIES OF TRANSURANIC ELEMENTS AND OTHER RADIOACTIVE BONE-SEEKERS ...Aging; Americum; Astatine; Californium; Muridae; Primates -nonspecific; Strontium; ...5.0108

PROTECTION FROM LONG-TERM EFFECTS OF IRRADIATION ...Cancer; Chemical Carcinogenesis; Muridae; Radiation Carcinogenesis; ...5.0109

BIOCHEMISTRY AND PHYSIOLOGICAL RESPONSE TO IRRADIATION--RADIOSENSITIVITY OF LYMPHOCYTES ...Actinomycin; Cellular Repair Mechanisms; Cellular Viability; Muridae; Radiation; Radiation Sensitivity -man; ...5.0111

METABOLIC WARD ...Biochemical Analysis - Tissues; Carbon; Disaster; Occupational Hazards; Urine; ...5.0112

STUDIES ON HAZARDS OF THE TRANSPLUTONIUM ELEMENTS ...Actinium A C; Body Isotope Burden; Colloids; Gold; Muridae; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0117

GERONTOLOGIC CHANGES IN BEAGLES ...Aging; Antioxidants -nonspecific; Canidae; Potassium; Radiation Carcinogenesis; Stressors, Physiological; Temperature - Human Body; ...5.0130

KINETICS OF HEMATOPOIETIC REPOPULATION FOLLOWING IRRADIATION INJURY ...Bacterial Endotoxins; Kinetics; Radiation; Radiation, Low Level; ...5.0133

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Lead; Manganese; Mercury; Sodium; Thallium; Tungsten; Zinc; ...5.0136

METABOLISM OF HYDROGEN ISOTOPES ...Food Contamination; Hydrogen; Mammals -nonspecific; Radiologic Health; Water Pollution -see Specifics; ...5.0141

NUCLIDE METABOLISM ...Calcium; Cesium; Chlorine; Feces; Iron; Mammals -nonspecific; Sodium; Whole Body; ...5.0155

ESR STUDIES OF FREE RADICALS IN RELATION TO BIOLOGICAL EFFECTS OF RADIATION ...Electron Spin Resonance; Laser Effects -bioeffects; Radiation Chemistry - biophys.; Radiation Effects - Biological; Sulfhydryl Compounds; Ultra Violet Radiation; ...5.0164

GENETICS OF RADIATION AND RADIOMIMETIC AGENTS ...Bacteria -nonspecific; Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Metabolism - Controls; Radiation Resistance; Radiation Sensitivity -man; Radiation Sources -general; ...5.0167

PULSE RADIOLYSIS STUDIES ...Ionizing Radiation -see Rad.; Kinetics; Radiation; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0176

RADIATION EFFECTS ON CAPILLARIES AND STROMAL ELEMENTS ...Actinomycin; Cell Injury and Autolysis; Muridae; Radiation; ...5.0180

EFFECTS OF BETA AND GAMMA RADIATION ON DESERT VEGETATION ...Artemisia; Deserts, Arid Lands; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; X and Gamma Rays; ...5.0183

MECHANISMS INVOLVED IN THE CORRECTION OF RADIATION EFFECTS ...Mammals -nonspecific; Radiation Effects - Biological; Radiation Sources -general; ...5.0191

ETUDE MORPHOLOGIQUE ET CYTOCHIMIQUE ULLRASTRUCTURALE DE L'ACTION DES RADIO PROTECTEURS SUR LE TUBE DIGESTIF ET LE SYSTIME GENITAL ...Digestive System - Human; Mammals -nonspecific; ...5.0193

ABILITY OF ISOLATED KUPFFER CELLS TO POPULATE EXPERIMENTAL GRANULOMAS AND IRRADIATED BONE MARROW ...Antibiotics -nonspecific; Carbon; Colloids; Muridae; Radiation, Whole Body; X and Gamma Rays; ...5.0205

CATECHOLAMINE METABOLISM FOLLOWING X-IRRADIATION OF MAMMALS ...Injury and Shock; Muridae; Radiation Effects - Biological; Radiation, Whole Body; Stressors, Physiological; Urine; ...5.0214

THE ROLE OF STRUCTURE AND ENERGY (OR IONIZATION) TRANSFER IN RADIATION CHEMISTRY AND BIOLOGY ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Plants; Radiation; X and Gamma Rays; ...5.0224

PREVENTION OF RADIATION DAMAGE IN BONE ...Cell Injury and Autolysis; Mammals -nonspecific; Radiation Sensitivity -man; Tetracycline; X and Gamma Rays; ...5.0236

AFRRI RADIATION CHEMISTRY PROGRAM ...Cell Injury and Autolysis; Chemical Mechanisms & Kinetics; Ionizing Radiation - see Rad.; Radiation Chemistry -biophys.; ...5.0242

ISOLATION AND IDENTIFICATION OF THE HEMOPOIETIC STEM CELL ...Bioassays; Muridae; ...5.0252

MECHANISMS OF LOCAL CARCINOGENESIS - RADIATION, PLASTIC FILMS, AND OTHER AGENTS ...Beta Particles; Canidae; Plastics; Radiation Carcinogenesis; Radiation Sensitivity -man; ...5.0269

THERAPY OF POISONING BY RADIOACTIVE AND NON-RADIOACTIVE METALS ...Americum; Digestive System - Human; Muridae; Rabbits; Radiation Carcinogenesis; ...5.0281

PREPARATION AND PROPERTIES OF SUBCELLULAR FRACTIONS ...Muridae; Nitrogen and Nitrogen Cpds.; Radiation; Sulfhydryl Compounds; X and Gamma Rays; ...5.0294

PULSE RADIOLYSIS IN RADIATION BIOLOGY ...Chemical Mechanisms & Kinetics; Kinetics; Pulse Radiolysis; Radiation Chemistry -biophys.; Radiation Sources -general; ...5.0298

RADIOBIOLOGIC STUDIES ON TUMOR TRANSPLANTATION AND IMMUNE PROCESSES ...Cancer Immunology; Dose Rate, Dose Fractionation; Muridae; Radiation Sensitivity -man; ...5.0308

PROTECTION AGAINST RADIATION DAMAGE TO CHROMOSOMES ...Adenosine Triphosphate; Cell Injury and Autolysis; Cellular Repair Mechanisms; Lethal Mutation; Radiation; ...5.0310

STUDIES ON BONE MARROW IMMUNOLOGIC CELL(S) IN VITRO AND IN VIVO ...Muridae; Penicillin; Radiation, Lethal Dose; Streptomycin; X and Gamma Rays; ...5.0312

PREVENTION OF RADIATION-INDUCED LEUKEMIA ...Muridae; Radiation; Radiation Sources -general; ...5.0314

METABOLISM AND REMOVAL OF SR 90 AND RA 226 IN MAN ...Aluminum; Beta Particles; Digestive System - Human; Feces; Muridae; Phosphorus and Phosphorus Cpds; ...5.0316

RADIATION PROTECTION AND RECOVERY IN GERMFREE ANIMALS ...Microorganisms -nonspecific; Muridae; Radiation, Whole Body; X and Gamma Rays; ...5.0325

RADICAL AND RADIATION CHEMISTRY OF SULFUR COMPOUNDS ...Cell Injury and Autolysis; Free Radical Reactions; Photolysis; Radiation Chemistry -biophys.; Radiolysis; ...5.0341

CONTROL OF CELL GROWTH, DIFFERENTIATION AND FUNCTION ...Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Gases; Ionic Effect; Tumor Pathology; Water Movement, Osmosis; X and Gamma Rays; ...5.0347

CURRENT TRENDS IN SURVIVORSHIP OF RADIOLOGISTS ...Aging; Medical, Professional; Occupational Hazards; Radiologic Health; ...5.0351

AIRCREW VISUAL IMPAIRMENT/INJURY THRESHOLDS FROM NUCLEAR WEAPONS ...Cell Injury and Autolysis; Mammals -nonspecific; Nuclear Warfare; Radiation; Radiation Dose Studies-general; Radiologic Health; ...5.0357

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology; Fish; Lead; Muridae; Radiation Carcinogenesis; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

EFFECTS OF THERMAL RADIATION ON PERSONNEL IN NUCLEAR WARFARE ...Burns; Mathematical Models; Military Personnel; Nuclear Warfare; Occupational Hazards; Radiologic Health; Toxic Substances; ...5.0373

OCULO-VISUAL EFFECTS - PHYSICAL STIMULUS IN NUCLEAR WARFARE ...Burns; Military Personnel; Nuclear Warfare; Occupational Hazards; Radiologic Health; ...5.0374

DERMATOLOGIC REACTIONS INDUCED BY SOLAR RADIATION ...Burns; Cellular Repair Mechanisms; Light-catalyzed; Mechanism Determination; Radiation Sources -general; Ultra Violet Radiation; ...5.0381

CAROTENOID PIGMENTS AND PHOTOTOXICITY AND PHOTOPROTECTION IN BACTERIA ...Bacterial Studies - general; Cell Injury and Autolysis; Light; Radiation -see Specifics; Sarcina -nonspecific; ...5.0385

LATE EFFECTS OF THORIUM DIOXIDE RETENTION IN HUMANS ...Injury and Shock; Radiation Effects - Man; Radiation Sources -general; Thorium; ...5.0386

METABOLISM AND DOSIMETRY OF 90SR INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Canidae; Respiratory Irritants, Inhaled; Yttrium; ...5.0427

DISTRIBUTION AND EXCRETION OF 137 CS INHALED IN FUSED CLAY PARTICLES BY THE DOG ...Aerosols; Cerium; Fission Products-see Radioact.; Radioactive Isotopes; Strontium; ...5.0429

CHROMOSOME ABERRATIONS PRODUCED BY INTERNALLY DEPOSITED RADIOACTIVE MATERIALS IN THE CHINESE HAMSTER ...Alpha Particles; Beta Particles; Cellular Model Systems; Cerium; Digestive System - Human; Strontium; ...5.0433

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Biochemical Analysis - Tissues; Fission Products-see Radioact.; Occupational Hazards; Radioactive Isotopes; Respiratory Irritants, Inhaled; ...5.0436

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Aerosols; Canidae; Muridae; Radiation Effects - Biological; Radiologic Health; Respiratory Irritants, Inhaled; Stibium; Thulium; ...5.0440

THERAPY FOR INHALED RADIONUCLIDES ...Canidae; Cerium; Chelation & Complexing; Niobium; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Zirconium; ...5.0443

GENERATION OF MONODISPERSE AEROSOLS OF INSOLUBLE FORMS FOR USE IN INHALATION EXPOSURES ...Aerosols; Body Isotope Burden; Chelation & Complexing; Electrical Phenomena; Fission Products-see Radioact.; Respiratory Irritants, Inhaled; Zirconium; ...5.0448

THE ROLE OF THYMIC-DEPENDENT LYMPHOCYTES IN THE ACUTE RECOVERY FROM RADIATION INJURY ...Healing; Muridae; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0450

INVESTIGATION OF THE EFFECT OF TOPICAL CORTICOSTEROIDS ON THE APPEARANCE AND SEVERITY OF ACUTE RADIODERMATITIS ...Radiation Sources -general; ...5.0477

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS ...Bacteriophage; Cell Injury and Autolysis; Cellular Biosynthesis; Escherichia Coli; Microorganisms; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0478

PHASE III - FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS - NEURAL AND BEHAVIORAL ASPECTS OF RADIATION ...Muridae; Psychology; X and Gamma Rays; ...5.0483

TOXICOLOGICAL STUDIES ON ANTIMALARIALS AND RADIATION COMPOUNDS ...Mammals -nonspecific; ...5.0484

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Gases; Muridae; Radiation; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

SR-90 METABOLIC BALANCE STUDIES ...Cooperative Studies; Digestive System - Human; Strontium; Urine; ...5.0494

MECHANISMS OF PERMANENT AND DELAYED PATHOLOGIC EFFECTS OF RADIATION ...Aging; Muridae; Rabbits; Radiation Carcinogenesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0497

THE CELLULAR AND MOLECULAR BASIS OF RECOVERY FROM RADIATION INJURY ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Metabolism - Controls; Cellular Repair Mechanisms; Radiation; X and Gamma Rays; ...5.0501

ACUTE RADIATION EFFECTS OF WHOLE-BODY X-IRRADIATION IN ANIMALS AND SUITABLE THERAPY ...Biochemical Analysis - Tissues; Digestive System - Human; Radiation, Whole Body; Urine; ...5.0508

RESPONSE OF CELLS TO MAGNETIC FIELDS AND X-RAYS ...Cancer; Magnetic Fields -bioeffects; ...5.0572

RADIATION EFFECTS ON NUCLEIC ACIDS AND PROTECTION ...Carbon; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0579

THE BIOLOGICAL EFFECTS OF ENVIRONMENTAL RADIATION ...Environmental Effects - Human; Mammals -nonspecific; Radiation -see Specifics; Ultra Violet Radiation; ...5.0585

BASIC ASPECTS OF THE ACTION OF RADIATION ON MICROORGANISMS ...Bacillus Subtilis; Bacteriophage; Cell Injury and Autolysis; Cellular Repair Mechanisms; Microorganisms; Radiation Sources -general; ...5.0595

EXPERIMENTAL INVESTIGATIONS ON THE INTERPLAY BETWEEN NATURAL AND ARTIFICAL RADIATION PROTECTION ...Radiation Sources -general; Radioactive Fallout-cf Fallout; ...5.0609

BIOCHEMISTRY OF LIPIDS AND MEMBRANES IN IRRADIATED AND NEOPLASTIC CELLS ...Aging; Digestive System - Human; Radiation Effects - Biological; Tumor Pathology; ...5.0628

PHOTOREPAIR OF UV DAMAGE TO DNA - PURIFICATION & PROPERTIES OF THE DNA-PYRIMIDINE DIMER PHOTOMONOMERASE (ABBREV) ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cyanides; Photochromism; Plants; Yeasts -nonspecific; ...5.0685

IRRADIATION PROTECTION AND HISTOCOMPATIBILITY ...Biological Basis; Immunology; Muridae; Radiation Sources - general; ...5.0689

COMPUTER DATA REDUCTION FOR AIRCREW FLASHBLINDNESS PREDICTION ...Burns; Computer Methods - general; Nuclear Warfare; Occupational Hazards; Radiation -see Specifics; Spectrographic Techniques; ...5.0701

ELECTROPHYSIOLOGIC AND HISTOCHEMICAL STUDIES ON EFFECTS OF IONIZING RADIATION ON THE CENTRAL NERVOUS SYSTEM ...Rabbits; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0708

SOME INTERNAL AND EXTERNAL FACTORS WHICH DECREASE OR INCREASE THE SENSITIVITY AGAINST RADIATION ...Radiation Sensitivity -man; X and Gamma Rays; ...5.0709

239-PU RETENTION IN THE CHINCHILLA ...Body Isotope Burden; Canidae; Digestive System - Human; Metabolism and Biochemistry; Plutonium; Rodentia -other; ...5.0720

PB-210 STUDIES IN BEAGLES ...Body Isotope Burden; Digestive System - Human; Food Contamination; Lead; Polar Oceanic Areas; Radiologic Health; Toxicology; ...5.0721

DISTRIBUTION OF PB-210 IN CANINE BLOOD AFTER INTRAVENOUS INJECTION & ASSOCIATION OF NUCLIDE WITH BLOOD CONSTITUENTS IN DOGS & HUMANS (ABBRE ...Canidae; Cell Membrane Permeability; Lead; ...5.0724

SPACE NUCLEAR SYSTEMS STUDIES ...Aerosols; Body Isotope Burden; Chemical Mechanisms & Kinetics; Plutonium; Radiation Dose Studies-general; Radioactive Hazard; Space Medicine - Exobiology; Sus; ...5.0735

METABOLISM AND EFFECTS OF RADIONUCLIDES IN FETUS AND YOUNG ...Cerium; Developmental Physiology; Muridae; Plutonium; Zinc; ...5.0744

INHALATION STUDIES - AEROSOL TECHNOLOGY STUDIES ...Aerosols; Biochemical Analysis - Tissues; Instrument Services; Mammals -nonspecific; Plutonium; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0747

INHALATION STUDIES - BIOLOGICAL EFFECT STUDIES ...Canidae; Plutonium; Promethium; Radiation; Radiation Carcinogenesis; Respiratory Irritants, Inhaled; ...5.0748

REMOVAL OF INTERNAL EMITTERS ...Chelation & Complexing; Muridae; Plutonium; Promethium; Sus; ...5.0753

U.S. TRANSURANIUM REGISTRY OF AEC, AEC CONTRACTOR AND LICENSEE EMPLOYEES ...Americum; Mammals - nonspecific; Occupational Hazards; Plutonium; Radiation Carcinogenesis; ...5.0756

RADIATION EFFECT ON PROTEIN & NUCLEIC ACID METABOLISM ...Cancer; Cell Injury and Autolysis; Cellular Repair Mechanisms; X and Gamma Rays; ...5.0767

SCINTIGRAPHY USING THE SCINTILLATION CAMERA, POSITRON CAMERA, MARK II WHOLE BODY SCANNER AND MULTIPLANE TOMOGRAPHIC SCANNER (ABBREV) ...Detectors; Positron Camera; Radioactive Isotopes; Video; Whole Body; ...5.0779

DETERMINATION OF UPTAKE RATES, ORGAN SPECIFICITIES, AND BIOLOGICAL LIFETIMES OF RADIOISOTOPES AND ELEMENTAL SPECIES IN THE RAT ...Barium; Chelation & Complexing; Gamma Spectroscopy; Mercury; Tantalum; ...5.0781

ANALYSIS OF RADIONUCLIDE PRODUCTION FOR PREDICTION OF UPTAKE AND DOSES FROM RELEASE OF RADIONUCLIDES ...Food Contamination; Iodine; Radiation, Whole Body; Radiologic Health; ...5.0783

PREDICTION OF BIOLOGICAL FATE AND RADIATION DOSES FROM RADIONUCLIDES RELEASED TO THE BIOSPHERE ...Document & Literature Info; Handbooks; Radiologic Health; ...5.0784

SULPHYDRYL COMPOUNDS AND PROTECTION AGAINST RADIOMIMETIC ALKYLATING AGENTS ...Radiation Effects - Biological; Sulfhydryl Compounds; ...5.0796

DEPTH DOSE PARAMETERS FOR FAST NEUTRONS IN TISSUE ...Cancer; Dosimetry; Fast Neutrons; Mammals -nonspecific; Neutron -see Radiation; Yeasts -nonspecific; ...5.0797

RADON PROGENY EXPOSURE CONTROL IN BUILDINGS ...Building Design; Construction Materials; Radioactive Isotopes; Radon; Respiratory Irritants, Inhaled; ...5.0803

RADIATION PROTECTION AND MEASUREMENT ...Disposal Methods; Food Contamination; Neutron -see Radiation; Particle Accelerators; Radiation Shielding; Radioactive Isotopes; Strontium; X and Gamma Rays; ...5.0808

THEORETICAL DOSIMETRY AND RADIOLOGICAL PHYSICS ...Beta Particles; Dosimetry; Nuclear Structure; Radiation Penetration; Radiation Shielding; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0809

RADIATION LEVELS FROM RADIOISOTOPE THERAPY PATIENTS ...Iodine; ...5.0817

TRACING RADIONUCLIDES IN HUMANS AND ANIMALS BY HELICAL SCANNING ...Body Isotope Burden; Mammals -nonspecific; Radioactive Hazard; X and Gamma Rays; ...5.0818

PHYSICAL AND PHYSIOLOGICAL COMPONENTS OF RADIATION EFFECTS IN CELLS ...Bacillus Megaterium; Bacterial Morphology; Cell Injury and Autolysis; Microorganisms; Radiation; Staphylococcus Aureus; ...5.0829

PHYSICAL AND BIOLOGICAL INVESTIGATIONS OF HIGH ENERGY RADIATION DIRECTED MAINLY TOWARD THERAPY ...Beta Particles; Cancer; Computer Methods -general; Facilities; Radiation Effects - Biological; Radiation Shielding; X and Gamma Rays; ...5.0833

RADIOPROTECTIVE AND TUMORICIDAL EFFECTS OF TWO NEUROTROPIC DRUGS ...Cancer; Cellular Viability; Muridae; Radiation Sensitivity -man; Radiation, Lethal Dose; Radiation, Whole Body; Tumor Pathology; ...5.0836

ISOLATION OF A FACTOR PREVENTING X-RAY INDUCED LEUKEMIA ...X and Gamma Rays; ...5.0841

DISPLACEMENT REACTIONS OF ANTI-RADIATION DRUGS ...Displacement; Radiation; Rapid Reactions; ...5.0842

BIOCHEMICAL EVALUATION OF 'SHIR-KHECHT', NATURAL NON-TOXIC CHEMICAL PROTECTOR ...Radiation; Radiation Chemistry -biophys.; ...5.0843

EVALUATION OF THERMOLUMINESCENT DOSIMETERS AS A HEALTH PHYSICS TOOL ...Cancer; Dosimetry; Occupational Hazards; Radiologic Health; X and Gamma Rays; ...5.0846

STUDIES ON ANTIRADIATION AGENTS ...Radiation; X and Gamma Rays; ...5.0847

DECONTAMINATION TESTING AND PROCEDURES UNDER COLD WEATHER CONDITIONS ...Cold Climates; Radioactive Hazard; ...5.0852

NAVY RADIOLOGICAL CONTROL TEAM ...Accident; Cooperative Studies; Military Personnel; Nuclear Warfare; Occupational Hazards; ...5.0854

MANUAL OF ACCELERATOR RADIATION PROTECTION ...Handbooks; Particle Accelerators; Radioactive Hazard; ...5.0858

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Aircraft; Altitude; Cosmic Rays; ...5.0862

BASAL METABOLIC RATES AND EXCRETION OF RADIONUCLIDES ...Cesium; Muridae; Radiation Effects - Biological; Whole Body; ...5.0865

RADIOACTIVITY STUDIES ...Mammals -nonspecific; Radioisotopes -nonspecific; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0871

RELATIONSHIP BETWEEN THE PHYSICAL PROPERTIES OF INHALED AEROSOLS AND RESPIRATORY DEPOSITION ...Aerosols; Miners; Models (physical) of Anim.&man; Occupational Hazards; Radiologic Health; Radium; Respiratory Irritants, Inhaled; ...5.0874

NUCLEONIC TRANSPORT STUDIES ...Cosmic Radiation; Cosmic Rays; Dosimetry; Radiation Penetration; Radiation Shielding; Radiologic Health; Upper Atmospheric Chemistry; ...5.0880

AN INVESTIGATION INTO THE PHARMACOLOGICAL PROPERTIES OF ANTI-IRRADIATION DRUGS ...Cellular Biosynthesis; Mammals -nonspecific; Sulfhydryl Compounds; ...5.0887

GENERAL STUDIES IN THE TOXICITY OF RADIOELEMENTS ...Air Pollution -see Specifics; Radiologic Health; Water Pollution -see Specifics; ...5.0889

IN-VIVO MEASUREMENT OF RADIONUCLIDES IN MAN ...Calcium; Metabolism and Biochemistry; Potassium; Radiologic Health; X and Gamma Rays; ...5.0894

RELATIONSHIP OF PLOIDY, CHROMOSOME SIZE AND RADIOSENSITIVITY ...Cell Injury and Autolysis; Cobalt; Neutron -see Radiation; Pollens -see Air Pollution; Radiation Sensitivity -man; ...5.0899

ENDOTOXIN EFFECTS ON MOUSE COLONY-FORMING UNITS ...Bacteria -nonspecific; Bacterial Endotoxins; Biological Basis; Muridae; Radiation Sensitivity -man; Radiation Sources - general; Radiation, Whole Body; ...5.0901

MERCAPTOCYCLOPROPYLAMINES RADIATION-PROTECTIVE AGENTS ...Muridae; Radiation; Sulfhydryl Compounds; X and Gamma Rays; ...5.0911

CONCORDE RADIATION WARNING DEVICE TESTS ...Aerospace Studies; Altitude; Aviation Medicine; Cosmic Rays; Warning Systems; ...5.0912

REMOVAL OF AM-241 FROM HUMANS WITH DTPA ...Americum; Occupational Hazards; Plutonium; Radioactive Hazard; Radiologic Health; Scintillation Counting; ...5.0914

HEALTH PHYSICS RESEARCH REACTOR AND MONOENERGETIC RADIATIONS FACILITY ...Dosimetry; Ionizing Radiation -see Rad.; Radioactive Hazard; Spectrographic Techniques; Van De Graaff Accelerator; X and Gamma Rays; ...5.0925

RADIOLOGICAL AND HEALTH PHYSICS INFORMATION CENTER FOR INTERNAL EXPOSURE ...Data & Statistics Info Storage; Mammals -nonspecific; Radiologic Health; ...5.0926

CHEMICAL PROTECTION AGAINST IONIZING RADIATION ...Bioassays; Digestive System - Human; Muridae; Radiation Dose Studies-general; ...5.0931

RADIOLOGICAL AND HEALTH PHYSICS - ESTIMATION OF INTERNAL EXPOSURE ...Beta Particles; Digestive System - Human; Hydrogen; Plutonium; Radium; Respiratory Irritants, Inhaled; ...5.0937

SPECTRAL MEASUREMENT OF NUCLEAR THERMAL OUTPUT FOR HAZARD PREDICTION ...Heat Transmission; Military Sciences; Nuclear Detonations; Radiation -see Specifics; ...5.0944

PERSONNEL EXPOSURE CRITERIA FOR OPERATIONAL RADIOFREQUENCY RADIATION ENVIRONMENTS ...Interaction With Matter; Microwave and Radiofrequency; Occupational Hazards; Radiation Dose Studies-general; Radiologic Health; ...5.0945

RADIATION SAFETY COMMITTEE (U-109) ...Fast Neutrons; Ionizing Radiation -see Rad.; Neutron -see Radiation; Radioactive Hazard; Radioisotopes -nonspecific; Radiologic Health; X and Gamma Rays; ...5.0950

SPECULATED RISK TO BONE AND LIVER FROM 239PU ...Canidae; Digestive System - Human; Models (physical) of Anim.&man; Occupational Hazards; Plutonium; Radiation Carcinogenesis; ...5.0953

INTERNAL DEPOSITIONS OF RADIONUCLIDES IN MAN ...Muridae; Occupational Hazards; Plutonium; Promethium; Radiologic Health; Respiratory Irritants, Inhaled; Samarium; ...5.0957

INHALATION STUDIES - THERAPEUTIC REMOVAL STUDIES ...Canidae; Muridae; Respiratory Irritants, Inhaled; ...5.0960

INHALATION HAZARDS TO URANIUM MINERS - RADIOCHEMICAL STUDIES ...Aerosols; Mammals -nonspecific; Occupational Hazards; Radioactive Isotopes; Radium; Scintillation Counting; Spectrographic Techniques; ...5.0961

THE VALUE OF RADIOPROTECTIVE COMPOUNDS ...Muridae; Nuclear Radiation; Power Development; Radiation; Radiation Effects - Man; X and Gamma Rays; ...5.0965

STUDIES OF PROBLEMS RELATED TO CHEMICAL PROTECTION AGAINST RADIATION ...Muridae; X and Gamma Rays; ...5.0966

Radiation Instruments

DEVELOPMENT OF A WORKING MODEL FOR MEASUREMENT OF SULFUR DIOXIDE IN STACK GASES ...Combustion; Detectors and Sensors; Mercury; Radioactive Isotopes;

Radiation Instruments

Scintillation Counting; Sulfur Dioxide Removal; X and Gamma Rays; ...1.0834

RESEARCH WITHIN THE FRAMEWORK OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY ...Accident; Dosimetry; Instrumentation; Neutron -see Radiation; Radiologic Health; ...5.0839

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution Effects; Energy Conversion; Environmental Hazards; Occupational Hazards; Radioactive Isotopes; Radiologic Health; ...5.0877

PULSED ELECTRON BEAM DOSIMETRY ...Beta Particles; Dosimeters -see Dosimetry; Electrical Phenomena; Radiation Sources -general; ...5.0910

Collimators

WHOLE BODY RETENTION AND DISTRIBUTION MEASUREMENT OF RADIOISOTOPES IN MAN ...Cobalt; Computer Methods -general; Information Systems; Iodine; Models (physical) of Anim.&man; Strontium; ...5.0943

Detectors

SCINTIGRAPHY USING THE SCINTILLATION CAMERA, POSITRON CAMERA, MARK II WHOLE BODY SCANNER AND MULTIPLANE TOMOGRAPHIC SCANNER (ABBREV) ...Positron Camera; Radioactive Isotopes; Video; Whole Body; ...5.0779

TOTAL-BODY COUNTING FACILITY ...Canidae; Rabbits; Selenium; Whole Body; ...5.0832

RADIATION DETECTORS FOR USE IN NUCLEAR/CRITICALITY ACCIDENT DOSIMETRY ...Accident; Dosimetry; Instrumentation; Neutron Detectors; Radioactive Hazard; Sulfur; ...5.0916

P-N JUNCTION DIODE DOSIMETRY WITH TEMPERATURE COMPENSATION ...Dosimeters -see Dosimetry; Dosimetry; Electronic Components; X and Gamma Rays; ...5.0947

Dosimeters -see Dosimetry

HIGH FREQUENCY ELECTROMAGNETIC HAZARD MEASUREMENTS ...Biological Dosimetry; Electromagnetic Field; Instrumentation; Monkey; Radiation Sources -general; ...5.0800

SOLID STATE RADIATION DOSIMETRY ...Dosimetry; Electrooptics; Ionizing Radiation -see Rad.; Lasers and Masers; Solid State Engineering; Thermoluminescent Detectors; ...5.0824

PRACTICAL HIGH SENSITIVITY THERMOLUMINESCENT DOSIMETRY ...Dosimetry; Ionizing Radiation -see Rad.; Plastics; Scintillation, Twinkle; X and Gamma Rays; ...5.0831

BIOLOGICAL AND CLINICAL DOSIMETRY ...Atomic Particle Accelerators; Dosimetry; Fast Neutrons; Monitors and Automatic; Neutron Detectors; ...5.0872

PULSED ELECTRON BEAM DOSIMETRY ...Beta Particles; Electrical Phenomena; Radiation Instruments, Radiation Sources - general; ...5.0910

RADIATION DETECTORS FOR USE IN NUCLEAR/CRITICALITY ACCIDENT DOSIMETRY ...Accident; Detectors; Dosimetry; Instrumentation; Neutron Detectors; Radioactive Hazard; Sulfur; ...5.0916

DOSIMETRY DEVELOPMENT TO SUPPORT CREW PERFORMANCE DECREMENT-SURVIVABILITY/VULNERABILITY STUDIES ...Dosimetry; ...5.0942

P-N JUNCTION DIODE DOSIMETRY WITH TEMPERATURE COMPENSATION ...Detectors; Dosimetry; Electronic Components; X and Gamma Rays; ...5.0947

Image Amplifiers

SCINTIGRAPHY USING THE SCINTILLATION CAMERA, POSITRON CAMERA, MARK II WHOLE BODY SCANNER AND MULTIPLANE TOMOGRAPHIC SCANNER (ABBREV) ...Detectors; Positron Camera; Radioactive Isotopes; Video; Whole Body; ...5.0779

SOMATIC EFFECTS OF LOW-DOSE RADIATION - CHROMOSOME ANALYSIS AND ANALYTICAL METHODOLOGY ...Computer Methods -general; Cybernetics; Data Acquisition Systems; Data Reduction and Analysis; Man Machine Systems; Radiation, Low Level; Research - Development; ...5.0785

Monitors and Automatic

BIOLOGICAL AND CLINICAL DOSIMETRY ...Atomic Particle Accelerators; Dosimetry; Fast Neutrons; Neutron Detectors; ...5.0872

NUCLEAR MEDICINE AND SCANNING - INSTRUMENTATION ...Computer Methods -general; Monitoring Devices; Photography; Radiation, Whole Body; Whole Body; X and Gamma Rays; ...5.0923

Positron Camera

SCINTIGRAPHY USING THE SCINTILLATION CAMERA, POSITRON CAMERA, MARK II WHOLE BODY SCANNER AND MULTIPLANE TOMOGRAPHIC SCANNER (ABBREV) ...Detectors; Radioactive Isotopes; Video; Whole Body; ...5.0779

Radiological Instruments

SPECIAL PROBLEMS IN NUCLEAR INSTRUMENTATION AND MEASUREMENT OF W IN GASES ...Alpha Particles; Chemical Mechanisms & Kinetics; Ionization Chambers; Kinetic Isotope Effects; Plastics; ...5.0838

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Air Occupation - Avocation; Aviation Medicine; Protons; Radioactivity; Spectrographic Techniques; ...5.0863

Radiation Instruments -atmos.

URBAN RADIATION ...Air Pollution-chemistry; Humidity - Water Vapor; Nitrogen and Nitrogen Cpds.; Radiation -terrestrial; Solar Radiation -sunshine; ...1.0103

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Atmosphere Disturbance; Cloud Temperature; Color - Brightness; Computer Models; Cumulus; Microwave Radiation; Radiation Balance -cloud; Simulation Theory; Temperature; ...1.0358

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution; Air Pollution Monitoring, Attenuation; Connecticut; Solar Radiation -sunshine; ...1.0689

CONTINUOUS MEASUREMENT OF EFFECTIVE AIR POLLUTION MIXING DEPTH BY MEANS OF SOLAR RADIATION EQUIPMENT ...Aerosols; Air Pollution Monitoring; Energy-radiation; ...1.0700

URBANIZATION AND ITS EFFECT ON STREAM TEMPERATURE ...Heat Balance - Budget; Mans Pollutional Activities; Thermal Pollution; Urban Research -general; ...2.0407

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Air Occupation - Avocation; Aviation Medicine; Protons; Radioactivity; Spectrographic Techniques; ...5.0863

Radiation Penetration

THE ROLE OF THE GENERAL CIRCULATION OF THE ATMOSPHERE IN RADIOACTIVE DEBRIS TRANSPORT ...Air Motion; Bibliography; Fallout -see Radioactive; Mass Transport; Radioactivity; Tropopause; Upper Atmospheric Circulation; ...1.0032

WEAPONRY RADIATION PENETRATION IN MATTER FOR EVALUATING ATOMIC WEAPONS' EFFECTS ...Fast Neutrons; Nuclear Detonations; Plasmas; X and Gamma Rays; ...5.0368

STUDIES OF RADIATION DAMAGE TO BIOLOGICAL MATERIALS ...Injury and Shock; Lasers and Masers; Radiation; Radiation Effects - Biological; Sulfhydryl Compounds; X and Gamma Rays; ...5.0400

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Cellular Viability; Ionizing Radiation -see Rad., Protons; Radiation -see Specifics; Radiation Sensitivity -man; Radioactive Isotopes; X and Gamma Rays; ...5.0776

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Dosimetry; Ionizing Radiation -see Rad., Protons; Radiation -see Specifics; Radiation Effects - Biological; X and Gamma Rays; ...5.0777

THEORETICAL DOSIMETRY AND RADIOLOGICAL PHYSICS ...Beta Particles; Dosimetry; Nuclear Structure; Radiation Injury Prevention; Radiation Shielding; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0809

DOSIMETRY ...Americum; Fast Neutrons; Ionizing Radiation -see Rad.; Muridae; Plutonium; X and Gamma Rays; ...5.0830

ENERGY LOSS AND RANGES OF HEAVY IONS IN SOLIDS ...Heavy Nuclei; Ionizing Radiation -see Rad.; ...5.0848

THEORETICAL ASPECTS OF MICRODOSIMETRY ...Cybernetics; Distributions; Dosimetry; Mathematical Analysis; Models (physical) of Animals; ...5.0869

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Aerosols; Balloons; Electrical Phenomena; Gamma Radiation; Mineral Processing Industry; Radiation -terrestrial; Radioactivity; Uranium; ...5.0879

NUCLEONIC TRANSPORT STUDIES ...Cosmic Radiation; Cosmic Rays; Dosimetry; Radiation Injury Prevention; Radiation Shielding; Radiologic Health; Upper Atmospheric Chemistry; ...5.0880

THE MEASUREMENT OF BIOLOGICAL DAMAGE AND ITS RELATIONSHIP TO 'IN-TISSUE' ENERGY ABSORPTION ...Dosimetry; Fast Neutrons; Ionizing Radiation -see Rad.; Iron; Muridae; X and Gamma Rays; ...5.0888

NAVY ENVIRONMENT--RADIOISOTOPE STUDIES ...Beta Particles; Nuclear Structure; Radiation Shielding; ...5.0890

RADIOLOGICAL PHYSICS ...Alpha Particles; Cell Injury and Autolysis; Cellular Viability; Dosimetry; Minimum Or Threshold Dose; Radiation, Spectrographic Techniques; ...5.0892

PULSED ELECTRON BEAM DOSIMETRY ...Beta Particles; Dosimeters -see Dosimetry; Electrical Phenomena; Radiation Instruments; Radiation Sources -general; ...5.0910

THEORETICAL RADIATION DOSIMETRY ...Dosimetry; Fast Neutrons; Monte Carlo Methods; Particle Accelerators; Protons; Radiation -see Specifics; Radioactive Hazard; ...5.0939

RADIATION DOSIMETRY ...Calorimetry; Physical Dosimetry; Plastics; Protons; ...5.0956

Radiation Resistance -animals

GENETIC EFFECTS OF RADIATION ON BIOMETRICAL TRAITS ...Invertebrates; Muridae; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0318

EFFECTS OF RADIATION ON MIGRATORY ORIENTATION OF SALAMANDERS ...Amphibians; Animal Behavioral Ecology; Animal Productivity; Ponds; ...5.0603

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Cobalt; Europium; Lichenes; Radiologic Health; Ruthenium; Stibium; Zirconium; ...5.0742

Radiation Sensitivity -man

PHYSIOLOGICAL ECOLOGY STUDIES OF DESERT VEGETATION ...Cobalt; Plant Phenology; Plants; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0014

MICROFLORA IN THE SURROUNDINGS OF REACTORS, IRRADIATION PLANTS, & OTHER AREAS WITH A HIGH LEVEL OF IRRADIATION OVER A LONG DURATION (ABBREV) ...Air Pollution Sampling; Impact on Environment; Microorganisms; Microorganisms -nonspecific; Nuclear Reactors; Radiation; Radiation Sources -general; ...5.0026

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Environmental Hazards; Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

EFFECTS OF AGING ON SOME ENERGY-LINKED FUNCTIONS OF PLANT MITOCHONDRIA ...Aging; Phaseolus; Radiation; Radiation Effects -see Rad.; Radiation, Lethal Dose; Seeds; ...5.0090

RADIOSENSITIVITY OF BIOPOLYMER SYNTHESIS, WITH PARTICULAR EMPHASIS ON THE MITOTIC CYCLE ...Cellular Biosynthesis; Radiation; Radiation Chemistry -biophys.; ...5.0103

RADIATION STUDIES ON CELL POPULATIONS ...Cancer; Cell Injury and Autolysis; Ionizing Radiation -see Rad.; Radiation, Radiation Injury Prevention; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0107

BIOCHEMISTRY AND PHYSIOLOGICAL RESPONSE TO IRRADIATION--RADIOSENSITIVITY OF LYMPHOCYTES ...Actinomycin; Cellular Repair Mechanisms; Cellular Viability; Muridae; Radiation; Radiation Injury Prevention; ...5.0111

ELECTROPHYSIOLOGICAL AND BIOCHEMICAL STUDIES OF THE EFFECTS OF RADIATION ON BRAIN ACTIVITY AND DEVELOPMENT ...Bioelectric Phenomena; Developmental Physiology; Muridae; Radiation; X and Gamma Rays; ...5.0120

MAMMALIAN STUDIES WITH ACCELERATORS: INVESTIGATIONS WITH LARGE ANIMALS ...Ceboidea; Cercopithecoidea; Radiation Effects - Biological; Radiation Sources -general; Radiation, Lethal Dose; ...5.0121

MAMMALIAN STUDIES WITH ACCELERATORS: GERMFREE RESEARCH ...Cell Injury and Autolysis; Cobalt; Digestive System - Human; Muridae; Protons; Radiation; Radiation, Lethal Dose; ...5.0124

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISM ...Invertebrates; Magnetic Fields -bioeffects; ...5.0125

MAMMALIAN STUDIES WITH ACCELERATORS - WHOLE SKIN HELIUM ION IRRADIATION STUDY ...Cobalt; Injury - animal; Muridae; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0126

EFFECTS OF LOW-LEVEL IRRADIATION ON DEVELOPING OVARIES OF DOGS AND MONKEYS ...Canidae; Cercopithecoidea; Radiation Effects - Biological; Radiation, Low Level; X and Gamma Rays; ...5.0133

RADIATION CHEMISTRY OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Kinetics; Radiation Chemistry - biophys.; X and Gamma Rays; ...5.0156

GENETICS OF RADIATION AND RADIOMIMETIC AGENTS ...Bacteria -nonspecific; Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Metabolism - Controls; Radiation Injury Prevention; Radiation Resistance; Radiation Sources -general; ...5.0167

MODIFICATION OF RADIATION RESPONSE IN VITRO ...Anoxia and Hypoxia; Cellular Repair Mechanisms; Cricetus; Mammals -nonspecific; Passive Transport, Diffusion; Radiation; Toxic Substances; ...5.0169

DIFFERENTIAL RADIOSENSITIVITY IN GERM CELLS OF DROSOPHILA ...X and Gamma Rays; ...5.0174

PULSE RADIOLYSIS STUDIES ...Ionizing Radiation -see Rad.; Kinetics; Radiation, Radiation Chemistry -biophys.; Radiation Injury Prevention; Sulfhydryl Compounds; ...5.0176

CELLULAR AND MOLECULAR STUDIES OF RADIATION DAMAGE AND REPAIR IN CULTURED MAMMALIAN CELLS ...Anoxia and Hypoxia; Beta Particles; Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation; X and Gamma Rays; ...5.0185

FACTORS INFLUENCING THE RADIOSENSITIVITY OF ANIMAL TUMOURS ...Cancer; Mammals -nonspecific; ...5.0189

EFFECTS OF WHOLE BODY GAMMA-RADIATION ON THE RESPIRATORY CHAIN OF MITOCHONDRIA AND THE ANAEROBIC GLYCOLYSIS OF NEW BORN CNS ...Adenosine Diphosphate; Adenosine Triphosphate; Developmental Physiology; Muridae; Radiation, Low Level; Radiation, Whole Body; X and Gamma Rays; ...5.0200

CELLULAR RESPONSES TO IRRADIATION ...Biological Basis; Cellular Biosynthesis; Cricetus; X and Gamma Rays; ...5.0208

EFFECTS OF IRRADIATION ON THE IMMATURE MOUSE ...Aging; Developmental Physiology; Muridae; Radiation Effects - Biological; ...5.0210

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout, Tropical Regions; ...5.0218

IDENTIFICATION OF THE RADIOSENSITIVE STAGES DURING THE DIFFERENTIATION OF THE IMMUNOCOMPETENT CELL ...Radiation; Radiation, Lethal Dose; Radiation, Whole Body; Sus; X and Gamma Rays; ...5.0221

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Mechanism Determination; Photolysis; Pulse Radiolysis; Radiation Chemistry - biophys.; Radiolysis; ...5.0223

THE ROLE OF STRUCTURE AND ENERGY (OR IONIZATION) TRANSFER IN RADIATION CHEMISTRY AND BIOLOGY ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Plants; Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0224

PREVENTION OF RADIATION DAMAGE IN BONE ...Cell Injury and Autolysis; Mammals -nonspecific; Radiation Injury Prevention; Tetracycline; X and Gamma Rays; ...5.0236

ALTERATION INDUCED BY X-RAY & ULTRAVIOLET LIGHT ON THE SYNTHESIS & MAINTENANCE OF MACROMOLECULAR COMPONENTS WITHIN MICROORGANISMS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Viability; Radiation; Ultra Violet Radiation; ...5.0244

THE EFFECT OF GAMMA IRRADIATION ON THE LIPID METABOLISM OF RADIOSENSITIVE TISSUES ...Radiation; X and Gamma Rays; ...5.0265

MECHANISMS OF LOCAL CARCINOGENESIS - RADIATION, PLASTIC FILMS, AND OTHER AGENTS ...Beta Particles; Canidae; Plastics; Radiation Carcinogenesis; ...5.0269

CHANGE IN RADIOSENSITIVITY OF INTESTINAL CRYPTS FROM GROUND SQUIRRELS DURING THE FIRST 48 HOURS AFTER AROUSAL FROM HIBERNATION ...Hibernation; Injury -animal; Radiation, Lethal Dose; Sciuridae; Temperature - Air; Vertebrates Excl. Man; X and Gamma Rays; ...5.0279

THEORY OF AGING, MORTALITY AND RADIATION INJURY ...Injury -animal; Lethal Mutation; Mammals -nonspecific; Radiation Effects - Biological; Simulation Theory; Statistics; X and Gamma Rays; ...5.0286

ACUTE AND CHRONIC RADIATION EFFECTS IN MAMMALS ...Cricetidae -other; Marsupialia -other; Primates -nonspecific; Radiation Effects - Man; Radiation, Low Level; X and Gamma Rays; ...5.0287

RADIOSENSITIVITY OF MAMMALIAN CELLS IN TISSUE CULTURES ...Cellular Metabolism - Controls; Radiation, Lethal Dose; Sulfhydryl Compounds; ...5.0289

ULTRASTRUCTURE CHANGES ASSOCIATED WITH CELL DIFFERENTIATION IN NORMAL AND IRRADIATED ORGANISMS ...Antibiotics -nonspecific; Cell Injury and Autolysis; Radiation; X and Gamma Rays; ...5.0292

CELLULAR EFFECTS OF RADIATION AND CHEMOTHERAPY ...Cancer; Muridae; Radiation; ...5.0301

RADIOBIOLOGIC STUDIES ON TUMOR TRANSPLANTATION AND IMMUNE PROCESSES ...Cancer Immunology; Dose Rate, Dose Fractionation; Muridae; Radiation Injury Prevention; ...5.0308

IN VITRO EFFECT OF IMMUNOSUPPRESSIVE AGENTS ON MARROW CELLS ...Cytotoxin, Dyes -nonspecific; X and Gamma Rays; ...5.0313

GENETIC EFFECTS OF RADIATION ON BIOMETRICAL TRAITS ...Invertebrates; Muridae; Radiation Resistance -animals; Vertebrates Excl. Man; X and Gamma Rays; ...5.0318

RADIATION DAMAGE - METABOLISM IN REPRODUCTIVE SYSTEM ...Cellular Biosynthesis; Cellular Repair Mechanisms; Experimental Teratology; Muridae; ...5.0329

KINETIC AND BIOCHEMICAL ANALYSIS OF INTERACTING RADIATION RECOVERY SYSTEMS IN ESCHERICHIA COLI ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Escherichia Coli; Microorganisms; Radiation; ...5.0334

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

EFFECT OF X-IRRADIATION ON THE GERMINAL EPITHELIUM OF THE MALE MOUSE ...Cellular Repair Mechanisms; Muridae; Physical Mutagenesis; X and Gamma Rays; ...5.0345

RADIATION EFFECTS ON MAMMALIAN TUMOR CELLS ...Cancer; Cellular Repair Mechanisms; Neutron -see Radiation; Radiation; Radiation, Lethal Dose; Radiation, Low Level; X and Gamma Rays; ...5.0360

THE MECHANISM OF RADIATION SENSITIZATION BY 5-BROMODEOXYURIDINE IN CULTURED CHINESE HAMSTER CELLS ...Cell Injury and Autolysis; Cricetus; Mammals -nonspecific; Radiation Chemistry -biophys.; Tumor Pathology; ...5.0366

EXPERIMENTAL ELECTROMAGNETIC RADIATION STUDIES ...Canidae; Electromagnetic Field; Escherichia Coli; Microwave and Radiofrequency; Primates -nonspecific; ...5.0370

HUMAN RADIATION STUDIES ...Atomic Bomb; Iodine; Nevada; Radiation Dose Studies-general; Respiratory Disease; ...5.0372

DERMATOLOGIC REACTIONS INDUCED BY SOLAR RADIATION ...Burns; Cellular Repair Mechanisms; Light-catalyzed, Mechanism Determination; Radiation Injury Prevention; Radiation Sources -general; Ultra Violet Radiation; ...5.0381

THE EFFECT OF IRRADIATION ON THE BIOCHEMICAL CHANGES OF MAMMALIAN CELLS IN THE ABSENCE AND PRESENCE OF PARTICULATE MATERIAL ...Aldehydes -nonspecific; Cancer; Cell Injury and Autolysis; Phagocytosis; Radiation, Radiation, Low Level; X and Gamma Rays; ...5.0388

EFFECT OF X-RAY ON RESISTANCE TO LEUKEMIA IN MICE ...Cancer Immunology; Muridae; Radiation, Whole Body; X and Gamma Rays; ...5.0389

EFFECT OF PROCESS CONDITIONS ON REDUCING THE MINIMAL RADIATION DOSE OF RATION ITEMS ...Clostridium Botulinum; Microorganisms; ...5.0391

THE WRITING OF A CRITICAL CREATIVE REVIEW ON THE TOPIC, RADIATION SENSITIVITY OF PLANT MERISTEMS ...Plants; Radiation; Radiation Effects -see Rad.; Radiation Sources -general; ...5.0395

PHYSICAL MECHANISMS IN THE INACTIVATION OF PROTEINS BY RADIATION ...Light-catalyzed; Photosensitizer; Polymerization; Radiation; Radiation Chemistry -biophys.; ...5.0406

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Aging; Commelinaceae; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Somatic Mutation; Temperature - Air; ...5.0408

EFFECTS OF IRRADIATION ON LICHENS AND LICHEN-FORMING FUNGI AND ALGAE ...Algae -nonspecific; Algal Physiology; Ascomycetes -nonspecific; Cell Membrane Permeability; Radiation; Radiation Effects on Fungi; Symbiosis - Plants; ...5.0410

STUDIES ON THE MECHANISM OF ULTRAVIOLET INACTIVATION OF ENZYMES ...Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0415

MATHEMATICAL BIOLOGY OF NEOPLASTIC GROWTH ...Cancer; Population - Growth; Radiation, Lethal Dose; Tumor Pathology; ...5.0417

THE ROLE OF THYMIC-DEPENDENT LYMPHOCYTES IN THE ACUTE RECOVERY FROM RADIATION INJURY ...Healing; Muridae; Radiation Injury Prevention; Radiation, Low Level; X and Gamma Rays; ...5.0450

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLET AND X-IRRADIATION DAMAGE ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Repair Mechanisms; Haemophilus Sp; Mutagenesis - nonspecific; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0455

GENETIC INVOLVEMENT IN RADIATION SENSITIVITY ...Muridae; ...5.0466

THE RELATIONSHIP BETWEEN RADIATION SENSITIVITY AND OTHER PHYSICAL AND PHYSIOLOGICAL CHARACTERISTICS WITHIN ONE STRAIN OF MICE ...Cellular Repair Mechanisms; Injury and Shock; Muridae; Radiation; Radiation Sources -general; ...5.0467

PLACENTAL PROGESTERONE SYNTHESIS FEEDBACK CONTROL AND RADIATION SENSITIVITY ...Cellular Biosynthesis; Kinetics; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0473

A GENETIC, CYTOLOGICAL AND BIOCHEMICAL STUDY OF CELL CYCLE DEPENDENT CHANGES IN RADIATION SENSITIVITY IN YEAST ...Radiation; Radiation Effects on Fungi; Radiation Resistance; Yeasts -nonspecific; ...5.0476

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS ...Bacteriophage; Cell Injury and Autolysis; Cellular Biosynthesis; Escherichia Coli; Microorganisms; Radiation Chemistry -biophys.; Sulfhydryl Compounds; ...5.0478

EFFECTS OF H3 THYMIDINE AS A DNA LABEL IN THE RAT LIVER ...Cellular Biosynthesis; Digestive System - Human; Hydrogen; Muridae; Radiation; ...5.0489

RESPONSE OF LIVING CELLS TO HIGH INTENSITY PULSED ELECTRONS AND EXAMINATION OF OXYGEN DIFFUSION KINETICS IN CELLS ...Anoxia and Hypoxia; Cancer; Metabolism and Biochemistry; Radiation; X and Gamma Rays; ...5.0491

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Gases; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

CELLULAR PARAMETERS OF RADIOSENSITIVITY ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Plants; Radiation Effects -see Rad.; Vicia; X and Gamma Rays; ...5.0504

CLINICAL RADIATION RESEARCH CENTER ...Research Facilities; ...5.0506

EXPERIMENTAL RADIATION CARCINOGENESIS ...Metabolism and Biochemistry; Muridae; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0529

CORRELATION OF RADIORESISTANCE WITH HEMOPOIETIC PARAMETERS IN MICE ...Metabolism and Biochemistry; Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0530

EXPERIMENTAL RADIATION CARCINOGENESIS ...Beta Particles, Chemical Carcinogenesis; Co-carcinogenesis; Muridae; Neutron -see Radiation; Radiation Carcinogenesis; Radiation, Low Level; ...5.0531

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Growth; Plants; Plants - Monocotyledons; Radiation Effects -see Rad.; Reproductive Physiology; X and Gamma Rays; ...5.0536

RADIOSENSITIVITY OF ANTIBODY RESPONSES ELICITED WITH COMPLEXES OF ANTIGEN AND ANTIBODY ...Clostridium Tetani; Cobalt; Muridae; X and Gamma Rays; ...5.0537

RADIATION RECOVERY MECHANISMS OF G1 AND G2 CELLS IN THE MITOTIC CYCLE OF PISUM ROOT MERISTEMS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Growth; Nucleic Acid Compounds; Plants; Radiation Effects -see Rad.; Radioisotopes -nonspecific; ...5.0538

ENVIRONMENTAL BIOLOGY - EFFECTS OF IONIZING RADIATION ON TERRESTRIAL ECOSYSTEMS ...Eastern U. S.; Ionizing Radiation -see Rad.; Plant Population Dynamics -gen, Plant Succession; Radiation Resistance; ...5.0539

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Beta Particles; Plant Biomes; Plant Succession; Radiation Effects -see Rad.; Radioecology - Plants; Soil Microbiology; Wisconsin; ...5.0542

THE RELATIONSHIP OF RADIATION SENSITIVITY TO ALTERATIONS IN THE DNA OF B. SUBTILIS ...Bacillus Subtilis; Bacterial Morphology; Cell Membrane Permeability; Cellular Catabolism-see Degrad; Microorganisms; Ultra Violet Radiation; X and Gamma Rays; ...5.0564

RADIOBIOLOGY RESEARCH PROGRAM ...Biological Basis; Injury and Shock; Radiation Sources -general; ...5.0583

BASIC ASPECTS OF THE ACTION OF RADIATION ON MICROORGANISMS ...Bacillus Subtilis; Bacteriophage; Cell Injury and Autolysis; Cellular Repair Mechanisms; Microorganisms; Radiation Injury Prevention; Radiation Sources -general; ...5.0595

RESPONSE OF PIGMENT CELLS TO X- AND UV-RADIATIONS ...Biological Basis; Radiation; Ultra Violet Radiation; Vertebrates -nonspecific; X and Gamma Rays; ...5.0604

RADIATION SENSITIVITY OF THE MICROBIAL FLORA OF FRESH WHITE (LEAN) FISH ...Microorganisms -nonspecific; Salmonidae; ...5.0608

EFFECTIVENESS AND EFFICIENCY OF PHYSICAL AND CHEMICAL MUTAGENS ...Chemical Mutagenesis; Hordeum Vulgare; Neutron -see Radiation; Physical Mutagenesis; Radiation Effects -see Rad.; Temperature - Air; ...5.0613

CELL SPECIALIZATION IN SHOOT APICAL MERISTEMS AS RELATED TO RADIOSENSITIVITY AND HISTOGENESIS ...Caryophyllaceae; Euphorbiaceae; Labiatae; Physical Mutagenesis; Plants; X and Gamma Rays; Zea Mays - Field Corn; ...5.0615

DOSE-TIME FACTORS INFLUENCING CELLULAR RADIOSENSITIVITY ...Anoxia and Hypoxia; Cell Injury and Autolysis; Mammals -nonspecific; X and Gamma Rays; ...5.0624

RADIATION MUTAGENESIS IN MAMMALIAN CELLS IN VITRO ...Cell Injury and Autolysis; Cellular Viability; Mutation Types -other; Radiation; Reversion Mutation; X and Gamma Rays; ...5.0630

MAINTENANCE OF MEMBRANE INTEGRITY IN MAMMALIAN CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; Radiation, Lethal Dose; Ultraviolet Spectroscopy; ...5.0631

RADIATION RESPONSE OF A SUB S SPERMATOGONIA ...Cell Injury and Autolysis; Kinetics; Radiation; Radiation Sources -general; Rate of Mutation; ...5.0642

RADIOSENSITIVITY OF IMMUNOCOMPETENT CELLS IN STATES OF FLUX ...Aging; Muridae; Radiation; ...5.0643

X-RAY-INDUCED DAMAGE TO THE DNA OF HAEMOPHILUS INFLUENZAE AND CELLULAR RESPONSE TO THAT DAMAGE ...Bacterial Population Surveys; Cellular Biosynthesis; Kinetics; Radiation; X and Gamma Rays; ...5.0644

UV REPAIR IN NORMAL HUMAN CELLS AND CELLS FROM XERODERMA PIGMENTOSUM PATIENTS ...Cellular Repair Mechanisms; Ultra Violet Radiation; ...5.0645

HEMOPOIESIS AND RADIOSENSITIVITY ...Muridae; X and Gamma Rays; ...5.0646

LATE EFFECTS OF LOW DOSE RATE GAMMA RAYS DURING THE PRENATAL PERIOD ...Aging; Developmental Physiology; Experimental Teratology; Mammals -nonspecific; Radiation Carcinogenesis; Radiation, Low Level; X and Gamma Rays; ...5.0655

PHYSICO-CHEMICAL STUDIES ON IRRADIATED CELLS ...Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Physical Mutagenesis; Radiation; Radiation Chemistry -biophys.; Radiation Sources -general; ...5.0678

INFLUENCE OF PHYSICAL STATE OF CHROMATIN ON NUCLEIC ACID & PROTEIN SYNTHESIS & ON RADIATION SENSITIVITY OF CELL DIVISION ...Cellular Biosynthesis; Hydrogen; Radiation; Radiation Sources -general; ...5.0683

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION ...Cellular Biosynthesis; Environmental Effects - Human; Injury and Shock; Metabolism & Metab. Diseases; Radiation -see Specifics; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0688

RADIATION RESPONSE OF IN VITRO MAMMALIAN CELLS ...Cancer; Cellular Model Systems; Cellular Viability; Ionizing Radiation -see Rad.; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0693

RADIATION AND BIOPHYSICAL STUDIES ON VIRUSES AND CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Mammals -nonspecific; Radiation; X and Gamma Rays; ...5.0694

THE RADIOBIOLOGY OF NORMAL TISSUES ...Cancer; Cellular Repair Mechanisms; Healing; Radiation; X and Gamma Rays; ...5.0696

EFFECTS OF IRRADIATION ON COMBAT CREW TASK COMPLEXITY ...Learning and Retention; Performance - Behavioral Study; Primates -nonspecific; Psychology; ...5.0702

SOME INTERNAL AND EXTERNAL FACTORS WHICH DECREASE OR INCREASE THE SENSITIVITY AGAINST RADIATION ...Radiation Injury Prevention; X and Gamma Rays; ...5.0709

THE RADIOSENSITIVITY OF MAMMALIAN GERM CELLS ...Aging; Cellular Physiology- Env. Eff.; Muridae; Mustelidae; Radiation Sources -general; ...5.0710

RADIOSENSITIVITY OF GENETIC STRUCTURES AND MOLECULAR BASIS OF RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIATIONS OF DIFFERENT QUALITIES ...Bacteria -nonspecific; Cell Injury and Autolysis; Physical Mutagenesis; Radiation; Radiation Chemistry -biophys.; Yeasts -nonspecific; ...5.0712

THE AGE FACTOR IN RADIATION SENSITIVITY OF MAMMALS ...Aging; Mammals -nonspecific; Radiation Carcinogenesis; Respiratory Disease; ...5.0713

REPAIR MECHANISMS AND VARIATIONS IN RADIOSENSITIVITY WITHIN THE GENERATION CYCLE OF YEAST CELLS ...Cellular Repair Mechanisms; Microorganisms; Yeasts - nonspecific; ...5.0715

THE EFFECTS OF X-IRRADIATION ON STEROID BIOTRANSFORMATIONS BY TESTICULAR TISSUE ...Cellular Biosynthesis; Mammals -nonspecific; Radiation; Radiation, Whole Body; X and Gamma Rays; ...5.0716

TERRESTRIAL ANIMAL ECOLOGY ...Animal Productivity; Cricetidae -other; Environmental Ecology; Population Dynamics - general; Rodentia -other; ...5.0745

THE STUDY OF IRRADIATION EFFECTS ON THE HUMAN TESTIS - INCLUDING HISTOLOGIC, CHROMOSOMAL, AND HORMONAL ASPECTS ...X and Gamma Rays; ...5.0761

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Mammals -nonspecific; Microorganisms; Picea; Plants; Populus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0769

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Cellular Viability; Ionizing Radiation -see Rad.; Protons; Radiation -see Specifics; Radioactive Isotopes; X and Gamma Rays; ...5.0776

STUDIES OF ENDOGENOUS SULFHYDRYL GROUPS ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation; Sulfhydryl Compounds; X and Gamma Rays; ...5.0792

BIOLOGICAL INDICATORS OF RADIATION INJURY ...Biological Dosimetry; Mammals -nonspecific; Radiation Dose Studies-general; Radiation Sources -general; Urine; ...5.0805

CELLULAR PREDICTORS OF RADIOSENSITIVITY ...Animal Productivity; Bioindicators; Microorganisms; Plant Food Chains; Radiation; ...5.0811

RADIOPROTECTIVE AND TUMORICIDAL EFFECTS OF TWO NEUROTROPIC DRUGS ...Cancer; Cellular Viability; Muridae; Radiation Injury Prevention; Radiation, Lethal Dose; Radiation, Whole Body; Tumor Pathology; ...5.0836

RECOVERY PROCESSES IN AN AMEBOID CELL ...Biological Basis; Cellular Viability; Protozoa; Radiation; Ultra Violet Radiation; ...5.0855

A COMPREHENSIVE APPROACH TO MAJOR FACTORS DETERMINING RADIOSENSITIVITY ...Hydrogen; Invertebrates; Microorganisms; Plants; Radiation; Radiation Sources - general; Vertebrates Excl. Man; ...5.0898

RELATIONSHIP OF PLOIDY, CHROMOSOME SIZE AND RADIOSENSITIVITY ...Cell Injury and Autolysis; Cobalt; Neutron -see Radiation; Pollens -see Air Pollution; Radiation Injury Prevention; ...5.0899

ENDOTOXIN EFFECTS ON MOUSE COLONY-FORMING UNITS ...Bacteria -nonspecific; Bacterial Endotoxins; Biological Basis; Muridae; Radiation Injury Prevention; Radiation Sources - general; Radiation, Whole Body; ...5.0901

ROLE OF 2-DEOXYGLUCOSE AND OTHER METABOLIC INHIBITORS ON THE RADIATION SENSITIVITY OF CULTURED MAMMALIAN CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Ionic Effect; Radiation; X and Gamma Rays; ...5.0909

COMPARATIVE IN VIVO - IN VITRO RADIOSENSITIVITY OF MAMMALIAN PERIPHERAL LYMPHOCYTES ...Ceboidea; Radiation Effects - Biological; Radiation, Whole Body; ...5.0928

Radiation Shielding

WEAPONRY--RADIATION DAMAGE BY NUCLEAR BLASTS ...Catalysis, Heterogeneous; Hmx; Nuclear; Nuclear Detonations; Photolysis; Propellants; Radiation Induced Chem. React.; ...5.0166

EFFECTS OF NUCLEAR ELECTROMAGNETIC PULSE (EMP) ON CIVIL SYSTEMS ...Electromagnetic Field; Electronic Components; Nuclear Detonations; ...5.0641

RADIATION PROTECTION AND MEASUREMENT ...Disposal Methods; Food Contamination; Neutron -see Radiation; Particle Accelerators; Radioactive Isotopes; Strontium; X and Gamma Rays; ...5.0808

THEORETICAL DOSIMETRY AND RADIOLOGICAL PHYSICS ...Beta Particles; Dosimetry; Nuclear Structure; Radiation Injury Prevention; Radiation Penetration; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0809

PHYSICAL AND BIOLOGICAL INVESTIGATIONS OF HIGH ENERGY RADIATION DIRECTED MAINLY TOWARD THERAPY ...Beta Particles, Cancer; Computer Methods -general; Facilities; Radiation Effects - Biological; X and Gamma Rays; ...5.0833

ARMY PULSE RADIATION FACILITY (REACTOR OPERATION) ...Core Reactors; Military Sciences; Nuclear Reactors; ...5.0849

ANALYTICAL INSTRUMENTATION FOR MEASUREMENT OF ENVIRONMENTAL SAMPLES ...Air Pollution Sampling; Analytical Instruments; Radioactive Isotopes; Radioactivity; Scintillation Counting; ...5.0878

NUCLEONIC TRANSPORT STUDIES ...Cosmic Radiation; Cosmic Rays; Dosimetry; Radiation Injury Prevention; Radiation Penetration; Radiologic Health; Upper Atmospheric Chemistry; ...5.0880

NAVY ENVIRONMENT--RADIOISOTOPE STUDIES ...Beta Particles; Nuclear Structure; Radiation Penetration; ...5.0890

HEALTH PHYSICS RESEARCH REACTOR AND MONOENERGETIC RADIATIONS FACILITY ...Dosimetry; Ionizing Radiation -see Rad.; Radiation Injury Prevention; Radioactive Hazard; Spectrographic Techniques; Van De Graaff Accelerator; X and Gamma Rays; ...5.0925

Radiation Sources -general

STUDY OF IRRADIATED AIR POLLUTANTS ON SPREAD FILMS ...Additives; Air Pollution -see Specifics; Antioxidants - nonspecific; Gases; Natural Occurring Membranes; ...1.0370

LAW-RELATED RESEARCH ON SCIENTIFIC UNCERTAINTY AND TECHNOLOGY ASSESSMENT ...Air Pollution -see Specifics; Environmental Effects - Human; Pesticide Toxicity in Humans; Pesticides -nonspecific; Radiation Effects - Biological; Radiologic Health; ...1.0497

THE CLIMATIC RESOURCES OF THE NORTH CENTRAL REGION ...Agricultural Studies -general; Atmospheric Dynamics; North Central U. S.; Weather Data; ...1.0734

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES. I. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE ...Algae - Chlorophyta; Cell Injury and Autolysis; Chemical Mutagenesis; Industrial Wastes; Metabolism of Algicides; Plant Ecology -nonspecific; X and Gamma Rays; ...2.0027

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Anseriformes; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Detergents -see Surfactants; Feces; Poultry -nonspecific; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...3.0220

BIOLOGY AND CONTROL OF THE HELIOTHIS COMPLEX ON COTTON ...Aliphatic Carbamates; Animal Resistance; Biological Control; DDT; Population Dynamics -general; Toxaphene; ...4.0688

NORTHWEST TREE FRUIT INSECTS ...Acaricides -nonspecific; Arachnida; DDT; Insect Resistance; Invertebrate Physiology; Pesticide Action on Animals; Pesticide Residues; ...4.0993

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Solar Light; Water Pollutants - Path of; ...4.1033

EFFECT OF ENVIRONMENTAL PARAMETERS ON PESTICIDAL STABILITY ...Degradation; Environmental Effects - Human; Metabolites From Pesticides; Piperonyl Butoxide; Toxic Substances; ...4.1087

MICROFLORA IN THE SURROUNDINGS OF REACTORS, IRRADIATION PLANTS, & OTHER AREAS WITH A HIGH LEVEL OF IRRADIATION OVER A LONG DURATION (ABBREV) ...Air Pollution Sampling; Impact on Environment; Microorganisms; Microorganisms -nonspecific; Nuclear Reactors; Radiation; Radiation Sensitivity -man; ...5.0026

DIAMOND ORDNANCE RADIATION FACILITY OPERATION ...Research Reactors; Thermal Neutrons; X and Gamma Rays; ...5.0027

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Colorado; Environmental Effects - Human; Miners; Radiation Carcinogenesis; Radon; Respiratory Irritants, Inhaled; Uranium; ...5.0044

MAMMALIAN STUDIES WITH ACCELERATORS: INVESTIGATIONS WITH LARGE ANIMALS ...Ceboidea; Cercopithecoidea; Radiation Effects - Biological; Radiation Sensitivity -man; Radiation, Lethal Dose; ...5.0121

RADIATION STUDIES ON ISOLATED CHROMOSOMES ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0157

GENETICS OF RADIATION AND RADIOMIMETIC AGENTS ...Bacteria -nonspecific; Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Metabolism - Controls; Radiation Injury Prevention; Radiation Resistance; Radiation Sensitivity -man; ...5.0167

CHROMOSOME STRUCTURE AS REVEALED BY RADIATION STUDIES ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation; Vicia; ...5.0182

MECHANISMS INVOLVED IN THE CORRECTION OF RADIATION EFFECTS ...Mammals -nonspecific; Radiation Effects - Biological; Radiation Injury Prevention; ...5.0191

RADIATION EFFECTS IN CHEMISTRY AND BIOCHEMISTRY ...Biochemical Analysis - Tissues; Hydrophobic; Kinetics; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Induced Chem. React.; ...5.0202

THE EFFECTS OF EXTREMELY LOW FREQUENCY (ELF) RADIATION ON MAN ...Psychology; Radiation Effects - Biological; Radiologic Health; ...5.0250

PULSE RADIOLYSIS IN RADIATION BIOLOGY ...Chemical Mechanisms & Kinetics; Kinetics; Pulse Radiolysis; Radiation Chemistry -biophys.; ...5.0298

PREVENTION OF RADIATION-INDUCED LEUKEMIA ...Muridae; Radiation; Radiation Injury Prevention; ...5.0314

ELECTRON MICROSCOPE STUDIES OF IRRADIATED BLOOD LYMPHOCYTES IN VITRO ...Cell Injury and Autolysis; Radiation; ...5.0315

RADIATION AND RADIOBIOLOGY RESEARCH CENTER ...Cancer; Cell Injury and Autolysis; Hyperthermal; Radiation; Radiation Effects - Biological; Research Facilities; X and Gamma Rays; ...5.0354

STUDY OF THE CANCER EXPERIENCE OF NON-URANIUM HARD ROCK MINERS IN THE ROCKY MOUNTAIN AREA ...Environmental Carcinogenesis; Miners; Occupational Hazards; Respiratory Disease; Rocky Mountain System; ...5.0362

DERMATOLOGIC REACTIONS INDUCED BY SOLAR RADIATION ...Burns; Cellular Repair Mechanisms; Light-catalyzed; Mechanism Determination; Radiation Injury Prevention; Ultra Violet Radiation; ...5.0381

LATE EFFECTS OF THORIUM DIOXIDE RETENTION IN HUMANS ...Injury and Shock; Radiation Effects - Man; Radiation Injury Prevention; Thorium; ...5.0386

THE WRITING OF A CRITICAL CREATIVE REVIEW ON THE TOPIC, RADIATION SENSITIVITY OF PLANT MERISTEMS ...Plants; Radiation; Radiation Effects -see Rad.; Radiation Sensitivity -man; ...5.0395

STUDIES ON BIOLOGICALLY ACTIVE AMINES ...Digestive System - Human; Muridae; ...5.0397

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Aging; Commelinaceae; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Radiation Sensitivity -man; Somatic Mutation; Temperature - Air; ...5.0408

MATHEMATICAL BIOLOGY OF NEOPLASTIC GROWTH ...Cancer; Population - Growth; Radiation Sensitivity -man; Radiation, Lethal Dose; Tumor Pathology; ...5.0417

BASIC EFFECTS OF MICROWAVES ON BIOCHEMICAL PROCESSES ...Interaction With Matter; Physical Mutagenesis; Radiation Chemistry -biophys.; Radiation Effects - Biological; Thermodynamics -biophysics; ...5.0454

THE RELATIONSHIP BETWEEN RADIATION SENSITIVITY AND OTHER PHYSICAL AND PHYSIOLOGICAL CHARACTERISTICS WITHIN ONE STRAIN OF MICE ...Cellular Repair Mechanisms; Injury and Shock; Muridae; Radiation; Radiation Sensitivity -man; ...5.0467

RNA SYNTHESIS IN MAMMALIAN CELLS AFTER RADIATION ...Cancer; Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation; ...5.0474

INVESTIGATION OF THE EFFECT OF TOPICAL CORTICOSTEROIDS ON THE APPEARANCE AND SEVERITY OF ACUTE RADIODERMATITIS ...Radiation Injury Prevention; ...5.0477

PHASE I FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS: RADIATION EFFECTS ON REPRODUCTION AND EMBRYOGENESIS ...Cellular Viability; Embryonic Growth Stages; Muridae; Radiation Effects - Biological; Strontium; ...5.0480

MODIFICATION OF RADIATION INDUCED PULMONARY FIBROSIS ...Canidae; Cell Injury and Autolysis; Radiation; Respiratory Disease; ...5.0507

ACUTE RADIATION EFFECTS OF WHOLE-BODY X-IRRADIATION IN ANIMALS AND SUITABLE THERAPY ...Biochemical Analysis - Tissues; Digestive System - Human; Radiation Injury Prevention; Radiation, Whole Body; Urine; ...5.0508

COMPARATIVE EFFECTS OF TWO RADIATION EXPOSURE REGIMES ...Cellular Viability; Muridae; Radiation, Lethal Dose; ...5.0549

RADIATION GENETICS AND RADIATION RESISTANCE IN PEANUTS ...Arachis; Physical Mutagenesis; Plants; Radiation Resistance; Temperature - Air; ...5.0554

RADIOBIOLOGY RESEARCH PROGRAM ...Biological Basis; Injury and Shock; Radiation Sensitivity -man; ...5.0583

CORRELATION OF LIFETIME HEALTH & MORTALITY EXPERIENCE OF AEC & CONTRACTOR EMPLOYEES WITH OCCUPATIONAL RADIATION EXPOSURE (ABBREV) ...Atomic Bomb; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radiologic Health; ...5.0589

BASIC ASPECTS OF THE ACTION OF RADIATION ON MICROORGANISMS ...Bacillus Subtilis; Bacteriophage; Cell Injury and Autolysis; Cellular Repair Mechanisms; Microorganisms; Radiation Injury Prevention; ...5.0595

EXPERIMENTAL INVESTIGATIONS ON THE INTERPLAY BETWEEN NATURAL AND ARTIFICAL RADIATION PROTECTION ...Radiation Injury Prevention; Radioactive Fallout-cf Fallout; ...5.0609

RADIATION RESPONSE OF A SUB S SPERMATOGONIA ...Cell Injury and Autolysis; Kinetics; Radiation; Rate of Mutation; ...5.0642

RESPONSES OF PLANTS AND PLANT COMMUNITIES TO IONIZING RADIATION ...Acer Species; Carbohydrates; Festuca; Magnoliaceae; Radioactive Hazard; Translocation; ...5.0652

PHYSICO-CHEMICAL STUDIES ON IRRADIATED CELLS ...Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Physical Mutagenesis; Radiation; Radiation Chemistry -biophys.; Radiation Sensitivity -man; ...5.0678

INFLUENCE OF PHYSICAL STATE OF CHROMATIN ON NUCLEIC ACID & PROTEIN SYNTHESIS & ON RADIATION SENSITIVITY OF CELL DIVISION ...Cellular Biosynthesis; Hydrogen; Radiation; Radiation Sensitivity -man; ...5.0683

IRRADIATION PROTECTION AND HISTOCOMPATIBILITY ...Biological Basis; Immunology; Muridae; Radiation Injury Prevention; ...5.0689

RADIATION ALTERED AIRCREW TRACKING ABILITY ...Cercopithecoidea; Military Personnel; Performance - Behavioral Study; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; Systems Research; ...5.0700

RADIATION PRODUCED BRAIN INJURY - AIRCREW PERFORMANCE DECREMENT ...Aviation Medicine; Primates -nonspecific; Psychology; Radiation Effects - Biological; ...5.0705

THE RADIOSENSITIVITY OF MAMMALIAN GERM CELLS ...Aging; Cellular Physiology- Env. Eff.; Muridae; Mustelidae; ...5.0710

THE RESPONSE OF HIGHER PLANTS TO ULTRAVIOLET LIGHT AND OTHER STRESS FACTORS ...Alpine Regions; Cold Resistance and Hardiness; Light and Sun Resistance; Plants; Temperature - Air; ...5.0717

WHOLE BODY COUNTING OF POPULATION LIVING IN AREAS OF HIGH NATURAL RADIOACTIVITY ...Brazil; Dosimetry; Radiation -terrestrial; Radiation, Whole Body; Radioactivity, Natural; Radiologic Health; Whole Body; ...5.0772

CHARACTERIZATION OF RADIOPROTECTIVE FACTOR IN ALFALFA ...Bioindicators; Caviidae; Column Chromatography; Medicago; Radiation Resistance; ...5.0774

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Cellular Viability; Ionizing Radiation -see Rad.; Protons; Radiation -see Specifics; Radiation Sensitivity -man; Radioactive Isotopes; X and Gamma Rays; ...5.0776

PERSONNEL SPECIALISE ET ENTRETIEN DES APPAREILS D'IRRADIATION ET DE MESURE DE LA RADIATION SUR GRANDS VOLUMES ...Injury and Shock; Radiologic Health; ...5.0798

HIGH FREQUENCY ELECTROMAGNETIC HAZARD MEASUREMENTS ...Biological Dosimetry; Dosimeters -see Dosimetry; Electromagnetic Field; Instrumentation; Monkey; ...5.0800

BIOLOGICAL INDICATORS OF RADIATION INJURY ...Biological Dosimetry; Mammals -nonspecific; Radiation Dose Studies-general; Radiation Sensitivity -man; Urine; ...5.0805

RADIATION DOSIMETRY ...Beta Particles; Energy Conversion; Neutron -see Radiation; Scintillation Counting; Thermal Neutrons; X and Gamma Rays; ...5.0861

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Commelinaceae; Dosimetry; Ionizing Radiation -see Rad.; Muridae; Plasmas; Radiation; X and Gamma Rays; ...5.0870

A COMPREHENSIVE APPROACH TO MAJOR FACTORS DETERMINING RADIOSENSITIVITY ...Hydrogen; Invertebrates; Microorganisms; Plants; Radiation; Radiation Sensitivity -man; Vertebrates Excl. Man; ...5.0898

ENDOTOXIN EFFECTS ON MOUSE COLONY-FORMING UNITS ...Bacteria -nonspecific; Bacterial Endotoxins; Biological Basis; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation, Whole Body; ...5.0901

MICROWAVE EXPOSURE SYSTEM AND MICROWAVE DOSIMETRY ...Interaction With Matter; Radiation Chemistry - biophys.; Radiation Effects - Biological; ...5.0902

PULSED ELECTRON BEAM DOSIMETRY ...Beta Particles; Dosimeters -see Dosimetry; Electrical Phenomena; Radiation Instruments; ...5.0910

USE OF BINUCLEATE LYMPHOCYTES AS BIOLOGICAL DOSIMETERS ...Radiation Dose Studies-general; ...5.0918

Radiation, Lethal Dose

ULTRAVIOLET LIGHT EFFECTS ON NUCLEIC ACID FORMATION AND GENETIC EVENTS IN BACTERIA ...Bacteria -nonspecific; Cellular Biosynthesis; Cellular Repair Mechanisms; Physical Mutagenesis; Radiation Chemistry -biophys.; Ultra Violet Radiation; ...5.0067

CIVIL DEFENSE IMPLICATIONS OF A NUCLEAR POWER REACTOR IN A THERMONUCLEAR TARGET AREA ...Atomic Plants; Civil Defense; Core Reactors; Fission Products-see Radioact.; Nuclear Detonations; Nuclear Power; X and Gamma Rays; ...5.0070

EFFECTS OF AGING ON SOME ENERGY-LINKED FUNCTIONS OF PLANT MITOCHONDRIA ...Aging; Phaseolus; Radiation; Radiation Effects -see Rad.; Seeds; ...5.0090

MAMMALIAN STUDIES WITH ACCELERATORS: INVESTIGATIONS WITH LARGE ANIMALS ...Ceboidea; Cercopithecoidea; Radiation Effects - Biological; Radiation Sensitivity -man; Radiation Sources -general; ...5.0121

MAMMALIAN STUDIES WITH ACCELERATORS: GERMFREE RESEARCH ...Cell Injury and Autolysis; Cobalt; Digestive System - Human; Muridae; Protons; Radiation; Radiation Sensitivity - man; ...5.0124

LATE EFFECTS OF RADIATION IN MAMMALS ...Iodine; Mammals -nonspecific; Radiation Chemistry -biophys.; Radiation, Whole Body; Radiologic Health; Toxic Substances; X and Gamma Rays; ...5.0149

CONTINUOUS GAMMA IRRADIATION OF NATURAL POPULATIONS OF DESERT ANIMALS ...Arid and Desert Regions; Cesium; Radioactive Fallout-cf Fallout; Reptiles; Rodentia -other; Vertebrates Excl. Man; X and Gamma Rays; ...5.0160

CELLULAR RESPONSES TO IRRADIATION ...Biological Basis; Cellular Biosynthesis; Cricetus; Radiation Sensitivity -man; X and Gamma Rays; ...5.0208

IDENTIFICATION OF THE RADIOSENSITIVE STAGES DURING THE DIFFERENTIATION OF THE IMMUNOCOMPETENT CELL ...Radiation; Radiation Sensitivity -man; Radiation, Whole Body; Sus; X and Gamma Rays; ...5.0221

NEUTRON AND GAMMA RAY TOXICITY STUDIES EMPLOYING THE JANUS BIOLOGY REACTOR COMPLEX ...Accident; Aging; Digestive System - Human; Occupational Hazards; Radiation Effects - Biological; Rodentia -other; ...5.0278

CHANGE IN RADIOSENSITIVITY OF INTESTINAL CRYPTS FROM GROUND SQUIRRELS DURING THE FIRST 48 HOURS AFTER AROUSAL FROM HIBERNATION ...Hibernation; Injury -animal; Radiation Sensitivity -man; Sciuridae; Temperature - Air; Vertebrates Excl. Man; X and Gamma Rays; ...5.0279

RADIOSENSITIVITY OF MAMMALIAN CELLS IN TISSUE CULTURES ...Cellular Metabolism - Controls; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0289

CORRELATED STATISTICAL AND CYTOPHYSIOLOGICAL STUDIES OF THE RADIATION RESPONSE IN HIGHER VERTEBRATES ...Gallus Domesticus; Injury -animal; Muridae; Vertebrates Excl. Man; X and Gamma Rays; ...5.0290

STUDIES ON BONE MARROW IMMUNOLOGIC CELL(S) IN VITRO AND IN VIVO ...Muridae; Penicillin; Radiation Injury Prevention; Streptomycin; X and Gamma Rays; ...5.0312

EXPERIMENTAL POPULATION GENETICS IN THE LABORATORY MOUSE ...Muridae; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0323

RADIATION EFFECTS ON MAMMALIAN TUMOR CELLS ...Cancer; Cellular Repair Mechanisms; Neutron -see Radiation; Radiation; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0360

EFFECTS OF RADIATION ON STATIONARY CELLS ...Cell Injury and Autolysis; Radiation; Tumor Pathology; X and Gamma Rays; ...5.0384

EFFECTS OF X-RAYS ON NORMAL AND MALIGNANT CELLS ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Viability; Radiation; Radiation Effects - Biological; Tumor Pathology; X and Gamma Rays; ...5.0416

MATHEMATICAL BIOLOGY OF NEOPLASTIC GROWTH ...Cancer; Population - Growth; Radiation Sensitivity -man; Tumor Pathology; ...5.0417

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS ...Bacteriophage; Cell Injury and Autolysis; Cellular Biosynthesis; Escherichia Coli; Microorganisms; Radiation Chemistry -biophys.; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0478

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Gases; Muridae; Radiation; Radiation Injury Prevention; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

KINETICS OF HEMATOPOIETIC STEM CELL PROLIFERATION FOLLOWING X-IRRADIATION ...Canidae; Dosimetry; Monkey; Radiation; Radiation, Whole Body; ...5.0517

RECOVERY OF IRRADIATED MAMMALIAN CELLS ...Cancer; Cellular Repair Mechanisms; Cellular Viability; Radiation; ...5.0525

COMPARATIVE EFFECTS OF TWO RADIATION EXPOSURE REGIMES ...Cellular Viability; Muridae; Radiation Sources - general; ...5.0549

EFFECT OF WHOLE BODY X- AND GAMMA-IRRADIATION ON THE BIOSYNTHESIS OF CERTAIN SERUM PROTEINS ...Cell Membrane Permeability; Cellular Metabolism - Controls; Permeability; Stressors, Physiological; X and Gamma Rays; ...5.0606

EVALUATION OF MEAT FROM ANIMALS EXPOSED TO LETHAL RADIATION LEVELS ...Bos; Food Bacteria; Food Contamination; Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0616

MAINTENANCE OF MEMBRANE INTEGRITY IN MAMMALIAN CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; Ultraviolet Spectroscopy; ...5.0631

LETHAL EFFECTS OF NEUTRONS TO THE MOUSE ZYGOTE AND EARLY EMBRYO ...Muridae; Neutron -see Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0637

PATHOGENESIS OF RADIATION INDUCED HEMOPOIETIC DEATH IN GNOTOBIOTIC MICE ...Muridae; Radiation Effects - Biological; ...5.0650

EARLY EFFECTS OF 14 MEV NEUTRON IRRADIATION IN SWINE ...Cell Injury and Autolysis; Injury and Shock; Neutron - see Radiation; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0660

LATE EFFECTS OF WHOLE-BODY GAMMA AND MIXED NEUTRON-GAMMA IRRADIATION ON LARGE ANIMALS ...Equidae; Neutron -see Radiation; Radiation, Whole Body; Vertebrates Excl. Man; X and Gamma Rays; ...5.0661

THE EFFECT OF INTENSITY OF 60CO GAMMA RADIATION ON THE EARLY MORTALITY OF SWINE ...Sus; Vertebrates Excl. Man; X and Gamma Rays; ...5.0663

SPECIES COMPARISON OF THE ACUTE IRRADIATION SYNDROME ...Injury -animal; Iron; Ovis; Sus; Vertebrates Excl. Man; ...5.0676

RADIATION EFFECTS ON MATURE CHICKENS ...Cobalt; Gallus Domesticus; Neutron -see Radiation; Radioactive Pollution - ns; Vertebrates Excl. Man; X and Gamma Rays; ...5.0680

THE RADIOSENSITIVITY OF MAMMALIAN GERM CELLS ...Aging; Cellular Physiology- Env. Eff.; Muridae; Mustelidae; Radiation Sources -general; ...5.0710

RELATIVE BIOLOGICAL EFFECTIVENESS ...Invertebrates; Muridae; Plants; Radiation Effects - Biological; Vertebrates Excl. Man; X and Gamma Rays; ...5.0828

RADIOPROTECTIVE AND TUMORICIDAL EFFECTS OF TWO NEUROTROPIC DRUGS ...Cancer; Cellular Viability; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation, Whole Body; Tumor Pathology; ...5.0836

Radiation, Low Level

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Air Pollution -see Specifics; Food Contamination; Pesticide Toxicity in Humans; Physiological Effects; Residues in Foods; Toxicology; Water Pollution -see Specifics; ...4.0658

DEVELOP TECHNIQUES FOR DECONTAMINATING SOILS POLLUTED WITH RADIOACTIVE MATERIALS OR HEAVY METALS ...Bioindicators; Lead; Mineral Nutrition; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Zea Mays - Field Corn; ...5.0041

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOACTIVE MATERIALS ...Absorption (incl. Adsorption); Ion Transport and Elect. Pot.; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Soil Tillage; X and Gamma Rays; ...5.0043

EXPERIMENTAL RADIONUCLIDE STUDIES ...Hydrogen; Krypton; Plutonium; Radiation Dose Studies-general; Radioactive Fallout-cf Fallout; Strontium; ...5.0045

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Environmental Hazards; Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

BEHAVORIAL EFFECTS OF LOW INTENSITY UHF RADIATION ...Auditory Stress; Electromagnetic Field; Microwave and Radiofrequency; Muridae; Psychology; ...5.0093

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

EFFECT OF PROLONGED LOW DOSE RATE CO60 GAMMA RAY EXPOSURE TO BEAGLES ...Canidae; Cobalt; Radiation Effects - Biological; Radiation, Whole Body; Radium; Strontium; X and Gamma Rays; ...5.0132

EFFECTS OF LOW-LEVEL IRRADIATION ON DEVELOPING OVARIES OF DOGS AND MONKEYS ...Canidae; Cercopithecoidea; Radiation Effects - Biological; Radiation Sensitivity -man; X and Gamma Rays; ...5.0133

KINETICS OF HEMATOPOIETIC REPOPULATION FOLLOWING IRRADIATION INJURY ...Bacterial Endotoxins; Kinetics; Radiation; Radiation Injury Prevention; ...5.0135

RADIATION EFFECTS ON DIFFERENTIATION AND TISSUE CONTROL ...Bacteria -nonspecific; Cell Injury and Autolysis; Fungi -nonspecific; Invertebrates; Physical Mutagenesis; Radiation Carcinogenesis; X and Gamma Rays; ...5.0138

SOMATIC EFFECTS OF LOW DOSE RADIATION: RADIATION, CHROMOSOMES AND HUMAN CANCER ...Radiation; Radiation Carcinogenesis; Tumor Pathology; ...5.0139

EFFECTS OF LOW DOSES OF IONIZING RADIATION ON NUCLEIC ACID STRUCTURE AND FUNCTION ...Hydrogen; Radiation Chemistry -biophys.; Rodentia -other; ...5.0140

THE BIOLOGICAL EFFECTS OF LOW DOSAGE RADIATION ...Air Pollution -see Specifics; Human Developmental Biology; Literature Search; Radiation Carcinogenesis; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0143

LYMPHOCYTE SIZE AND DENSITY DISTRIBUTIONS ...Developmental Physiology; Muridae; Surface Active-other; ...5.0151

RADIATION DAMAGE AND ITS REPAIR IN HUMAN CHROMOSOMES ...Cell Injury and Autolysis; Cellular Metabolism - Controls; Kinetics; Ultra Violet Radiation; ...5.0158

EFFECTS OF WHOLE BODY GAMMA-RADIATION ON THE RESPIRATORY CHAIN OF MITOCHONDRIA AND THE ANAEROBIC GLYCOLYSIS OF NEW BORN CNS ...Adenosine Diphosphate; Adenosine Triphosphate; Developmental Physiology; Muridae; Radiation Sensitivity -man; Radiation, Whole Body; X and Gamma Rays; ...5.0200

EFFECTS OF MICROWAVE RADIATION ON NAVAL PERSONNEL ...Microwave and Radiofrequency; Military Personnel; Radiation Dose Studies-general; ...5.0249

PERFORMANCE IN NONHUMAN PRIMATES AS INFLUENCED BY LOW FREQUENCY ELECTROMAGNETIC FIELDS ...Cercopithecoidea; Electromagnetic Field; ...5.0251

NEUTRON AND GAMMA RAY TOXICITY STUDIES EMPLOYING THE JANUS BIOLOGY REACTOR COMPLEX ...Accident; Aging; Digestive System - Human; Occupational Hazards; Radiation Effects - Biological; Radiation, Lethal Dose; Rodentia -other; ...5.0278

MEASUREMENTS OF RADIOACTIVITY IN VIVO AND APPLICATIONS IN HUMAN RADIOBIOLOGY ...Accident; Occupational Hazards; Promethium; Radiologic Health; Radium; ...5.0285

ACUTE AND CHRONIC RADIATION EFFECTS IN MAMMALS ...Cricetidae -other; Marsupialia -other; Primates -nonspecific; Radiation Effects - Man, X and Gamma Rays; ...5.0287

HISTOPATHOLOGICAL CHANGES IN LABORATORY ANIMALS EXPOSED TO PROTRACTED LOW-LEVEL TOTAL-BODY NEUTRONS AND GAMMA RAYS ...Mammals - nonspecific; Neutron -see Radiation; Radiation, Whole Body; ...5.0306

LONG TERM EFFECTS OF PRENATAL GAMMA-IRRADIATION ON RAT BRAIN ...Muridae; Radiation Dose Studies-general; Radiation, Whole Body; X and Gamma Rays; ...5.0342

RADIATION EFFECTS ON MAMMALIAN TUMOR CELLS ...Cancer; Cellular Repair Mechanisms; Neutron -see Radiation; Radiation; Radiation Sensitivity -man; Radiation, Lethal Dose; X and Gamma Rays; ...5.0360

THE EFFECT OF IRRADIATION ON THE BIOCHEMICAL CHANGES OF MAMMALIAN CELLS IN THE ABSENCE AND PRESENCE OF PARTICULATE MATERIAL ...Aldehydes -nonspecific; Cancer; Cell Injury and Autolysis; Phagocytosis; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0388

THE ROLE OF THYMIC-DEPENDENT LYMPHOCYTES IN THE ACUTE RECOVERY FROM RADIATION INJURY ...Healing; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; X and Gamma Rays; ...5.0450

DOSE-RESPONSE AND RECOVERY KINETICS FROM LOW-INTENSITY CONTINUOUS AND SUBLETHAL ACUTE GAMMA-RAY EXPOSURES WITH DOGS AND PRIMATES ...Canidae; Cercopithecoidea; Vertebrates Excl. Man; X and Gamma Rays; ...5.0468

LOW-INTENSITY GAMMA-RAY EFFECTS AND RESPONSE CAPABILITY OF MOUSE BONE MARROW ...Cobalt; Injury and Shock; Muridae; X and Gamma Rays; ...5.0471

RBE OF MONOENERGETIC NEUTRONS ...Bacteria -nonspecific; Invertebrates; Muridae; Radiation; ...5.0486

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Gases; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

OPTIC LENS OF MAN - INCIDENCE OF MINUTE, DISCRETE SUBCAPSULAR OPACITIES WITH AGING OR FOLLOWING IRRADIATION ...Aging; Atomic Bomb; Nuclear Warfare; Occupational Hazards; Radiation Effects - Biological; Radiologic Health; X and Gamma Rays; ...5.0515

EXPERIMENTAL RADIATION CARCINOGENESIS ...Beta Particles; Chemical Carcinogenesis; Co-carcinogenesis; Muridae; Neutron -see Radiation; Radiation Carcinogenesis; Radiation Sensitivity -man; ...5.0531

ENVIRONMENTAL INTERACTIONS ...Algae -nonspecific; Animal Succession; Dose Rate, Dose Fractionation; Invertebrate Physiology; Invertebrates; Salinity (water); X and Gamma Rays; ...5.0540

BIOLOGICAL EFFECTS OF LOW VELOCITY ELECTRONS ...Beta Particles; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0557

RADIATION EFFECTS ON CELL AND POPULATIONS DYNAMICS OF U-12 FIBROBLASTS ...Cell Injury and Autolysis; Cellular Catabolism-see Degrad; Computer Methods -general; Population - Growth; Radiation; X and Gamma Rays; ...5.0560

EFFECTS OF PRENATAL AND EARLY POSTNATAL IRRADIATION ...Aviation Medicine; Developmental Physiology; Muridae; Radiation Effects - Biological; Radiation, Whole Body; ...5.0571

CORRELATION OF LIFETIME HEALTH & MORTALITY EXPERIENCE OF AEC & CONTRACTOR EMPLOYEES WITH OCCUPATIONAL RADIATION EXPOSURE (ABBREV) ...Atomic Bomb; Occupational Hazards; Radiation Sources - general; Radioactive Hazard; Radiologic Health; ...5.0589

PHYSIOLOGICAL AND PATHOLOGICAL STUDIES ON ANIMALS EXPOSED TO EXTRAORDINARILY LOW FREQUENCY (ELF) RADIATION FIELDS ...Mammals -nonspecific; Radiation Effects - Biological; ...5.0596

IONIZING RADIATION, BEHAVIORAL DEVELOPMENT, AND AGING ...Aging; Learning and Retention; Psychology; Radiation Dose Studies-general; ...5.0605

NEOPLASMS AFTER FISSION NEUTRON IRRADIATION ...Muridae; Neutron -see Radiation; Radiation Carcinogenesis; Radiation, Whole Body; Tumor Pathology; ...5.0623

DOSE-TIME FACTORS INFLUENCING CELLULAR RADIOSENSITIVITY ...Anoxia and Hypoxia; Cell Injury and Autolysis; Mammals -nonspecific; Radiation Sensitivity -man; X and Gamma Rays; ...5.0624

RADIATION RESPONSE OF A SUB S SPERMATOGONIA ...Cell Injury and Autolysis; Kinetics; Radiation; Radiation Sources - general; Rate of Mutation; ...5.0642

LATE EFFECTS OF LOW DOSE RATE GAMMA RAYS DURING THE PRENATAL PERIOD ...Aging; Developmental Physiology; Experimental Teratology; Mammals -nonspecific; Radiation Carcinogenesis; Radiation Sensitivity -man; X and Gamma Rays; ...5.0655

DELAYED SENSORY EFFECTS OF PRENATAL IRRADIATION ...Auditory Physiology; Developmental Physiology; Learning and Retention; Psychology; Sensory & Perceptual Processes; X and Gamma Rays; ...5.0681

BIOLOGICAL EFFECTS OF RADIATION EXPOSURES FROM LONG DURATION FLIGHTS AND REPEATED MISSIONS IN LOW DOSE LEVEL ENVIRONMENTS ...Altitude; Beta Particles; Military Personnel; Nuclear Warfare; Pilots; X and Gamma Rays; ...5.0704

LOW LEVEL PLUTONIUM INHALATION STUDIES IN BEAGLES ...Canidae; Plutonium; ...5.0750

CHRONIC RADIATION EXPOSURE - CORRELATION OF RADIATION EXPOSURE WITH BIOLOGICAL EFFECTS ON MAN ...Injury and Shock; Occupational Hazards; Radiation Effects - Man; Radiologic Health; ...5.0757

LOW LEVEL CHRONIC IRRADIATION OF SALMON ...Radiation Dose Studies-general; Radiation Effects - Man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0759

SOMATIC EFFECTS OF LOW-DOSE RADIATION - CHROMOSOME ANALYSIS AND ANALYTICAL METHODOLOGY ...Computer Methods -general; Cybernetics; Data Acquisition Systems; Data Reduction and Analysis; Image Amplifiers; Man Machine Systems; Research - Development; ...5.0785

PRACTICAL HIGH SENSITIVITY THERMOLUMINESCENT DOSIMETRY ...Dosimeters -see Dosimetry; Dosimetry; Ionizing Radiation -see Rad.; Plastics; Scintillation, Twinkle; X and Gamma Rays; ...5.0831

PERCEPTION OF IONIZING RADIATION BY SENSORY SYSTEMS ...Biological Rhythms; Environmental Effects - Human; Sensory & Perceptual Processes; X and Gamma Rays, ...5.0840

DIRECT INTERNAL RADIATION DOSIMETRY OF RADIOPHARMACEUTICALS BY IMPROVED NEEDLE TYPE FLUOROGLASS DOSIMETER ...Biological Dosimetry; Dosimetry; Radioisotopes -nonspecific; ...5.0844

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate, Dose Fractionation; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radioactive Isotopes; Radioactivity Studies -general; Water Pollution Sources; ...5.0881

DEVELOPMENT STUDIES IN LOW LEVEL RADIOCHEMICAL ANALYSES AND TRACE STABLE ELEMENTS IN BIOLOGICAL AND ENVIRONMENTAL MATERIALS ...Air Pollution -see Specifics; Carbon; Hydrogen; Plutonium; Radiologic Health; Water Pollution -see Specifics; ...5.0883

CLINICAL AND HEMATOLOGIC STUDIES OF IRRADIATION - CLINICAL AND LABORATORY CHANGES AFTER TOTAL-BODY IRRADIATION ...Cancer; Injury and Shock; Radiation, Whole Body; ...5.0922

HUMAN CHROMOSOME ABERRATION YIELDS FOLLOWING CHRONIC RADIATION EXPOSURES ...Cesium; X and Gamma Rays; ...5.0927

A COMPUTER METHOD FOR ANALYSIS OF DATA ON MOUSE REPRODUCTION ...Muridae; ...5.0936

BONE CANCER INDUCTION BY RADIONUCLIDES INCIDENCE VS DOSE ...Alpha Particles; Canidae; Muridae; Plutonium; Strontium; ...5.0954

Radiation, Whole Body

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiologic Health; Strontium; ...5.0030

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies, Aviation Medicine; Environmental Hazards; Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Cesium; Environmental Ecology; Invertebrate Physiology; Plant Ecology -nonspecific; Plant Freshwater Ecology; Productivity of Freshwater; Radioactive Pollution -ns; Ruthenium; ...5.0069

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

MAMMALIAN STUDIES WITH ACCELERATORS - RELATIONSHIP OF CELLULAR CONTROL MECHANISMS TO CARCINOGENIC EFFECT OF ACCELERATED IONS ...Cellular Metabolism - Controls; Ionizing Radiation -see Rad.; Muridae; Radiation Carcinogenesis; ...5.0123

MAMMALIAN STUDIES WITH ACCELERATORS - WHOLE SKIN HELIUM ION IRRADIATION STUDY ...Cobalt; Injury - animal; Muridae; Radiation Sensitivity -man; Vertebrates Excl. Man; ...5.0126

EFFECT OF PROLONGED LOW DOSE RATE CO60 GAMMA RAY EXPOSURE TO BEAGLES ...Canidae; Cobalt; Radiation Effects - Biological; Radiation, Low Level; Radium; Strontium; X and Gamma Rays; ...5.0132

LATE EFFECTS OF RADIATION IN MAMMALS ...Iodine; Mammals -nonspecific; Radiation Chemistry -biophys.; Radiation, Lethal Dose; Radiologic Health; Toxic Substances; X and Gamma Rays; ...5.0149

STUDIES ON REPAIR PROCESSES OCCURRING IN HAEMATOPOIETIC TISSUE FOLLOWING TOTAL-BODY RADIATION ...Healing; Mammals -nonspecific; ...5.0196

EFFECTS OF WHOLE BODY GAMMA-RADIATION ON THE RESPIRATORY CHAIN OF MITOCHONDRIA AND THE ANAEROBIC GLYCOL' 'S OF NEW BORN CNS .. Adenosine Diphosphate; Adenosine Triphosphate; Developmental Physiology; Muridae; Radiation Sensitivity -man; Radiation, Low Level; X and Gamma Rays; ...5.0200

ABILITY OF ISOLATED KUPFFER CELLS TO POPULATE EXPERIMENTAL GRANULOMAS AND IRRADIATED BONE MARROW ...Antibiotics -nonspecific; Carbon; Colloids; Muridae; Radiation Injury Prevention; X and Gamma Rays; ...5.0205

BLOOD FORMATION IN THE EMBRYO (NEWBORN) OPOSSUM ...Developmental Physiology; Didelphidae; Digestive System - Human; Immunology; ...5.0206

CATECHOLAMINE METABOLISM FOLLOWING X-IRRADIATION OF MAMMALS ...Injury and Shock; Muridae; Radiation Effects - Biological; Radiation Injury Prevention; Stressors, Physiological; Urine; ...5.0214

IDENTIFICATION OF THE RADIOSENSITIVE STAGES DURING THE DIFFERENTIATION OF THE IMMUNOCOMPETENT CELL ...Radiation; Radiation Sensitivity -man; Radiation, Lethal Dose; Sus; X and Gamma Rays; ...5.0221

RADIATION AND ENZYMES ...Digestive System - Human; Muridae; X and Gamma Rays; ...5.0273

METABOLISM AND TOXICITY OF FISSION PRODUCTS IN DOGS ...Canidae: Cerium; Cesium; Cobalt; Iodine; Radiation Carcinogenesis; X and Gamma Rays; ...5.0284

HISTOPATHOLOGICAL CHANGES IN LABORATORY ANIMALS EXPOSED TO PROTRACTED LOW-LEVEL TOTAL-BODY NEUTRONS AND GAMMA RAYS ...Mammals - nonspecific; Neutron -see Radiation; Radiation, Low Level; ...5.0306

RADIATION PROTECTION AND RECOVERY IN GERMFREE ANIMALS ...Microorganisms -nonspecific; Muridae; Radiation Injury Prevention; X and Gamma Rays; ...5.0325

LONG TERM EFFECTS OF PRENATAL GAMMA-IRRADIATION ON RAT BRAIN ...Muridae; Radiation Dose Studies-general; Radiation, Low Level; X and Gamma Rays; ...5.0342

EFFECT OF X-RAY ON RESISTANCE TO LEUKEMIA IN MICE ...Cancer Immunology; Muridae; Radiation Sensitivity -man; X and Gamma Rays; ...5.0389

BIOLOGICAL RESPONSES TO RADIOFREQUENCY RADIATION ...Microwave and Radiofrequency; Muridae; Radiation Effects - Biological; Radiation Effects - Man; ...5.0463

ACUTE RADIATION EFFECTS OF WHOLE-BODY X-IRRADIATION IN ANIMALS AND SUITABLE THERAPY ...Biochemical Analysis - Tissues; Digestive System - Human; Radiation Injury Prevention; Urine; ...5.0508

KINETICS OF HEMATOPOIETIC STEM CELL PROLIFERATION FOLLOWING X-IRRADIATION ...Canidae; Dosimetry; Monkey; Radiation; ...5.0517

INFLUENCE OF AGE AND RADIATION EXPOSURE ON HUMAN LYMPHOCYTE RESPONSE TO PHYTOHEMAGGLUTININ (PHA) ...Aging; Atomic Bomb; Radiation, Radiologic Health; X and Gamma Rays; ...5.0522

EFFECTS OF PRENATAL AND EARLY POSTNATAL IRRADIATION ...Aviation Medicine; Developmental Physiology; Muridae; Radiation Effects - Biological; ...5.0571

VIRUS PROJECT ...Arthropods; Muridae; Viruses - Animal; X and Gamma Rays; ...5.0600

EFFECT OF WHOLE BODY X- AND GAMMA-IRRADIATION ON THE BIOSYNTHESIS OF CERTAIN SERUM PROTEINS ...Cell Membrane Permeability; Cellular Metabolism - Controls; Permeability; Radiation, Lethal Dose; Stressors, Physiological; X and Gamma Rays; ...5.0606

RESPONSE OF HORTICULTURAL PLANTS TO ACUTE GAMMA RADIATION ...Labiatae; Neutron -see Radiation; Physical Mutagenesis; Plants; Rate of Mutation; X and Gamma Rays; ...5.0614

METABOLIC PROBLEM IN SECONDARY DISEASE ...Digestive System - Human; Immunology; Muridae; Nitrogen and Nitrogen Cpds.; Primates -nonspecific; X and Gamma Rays; ...5.0618

NEOPLASMS AFTER FISSION NEUTRON IRRADIATION ...Muridae; Neutron -see Radiation; Radiation Carcinogenesis; Radiation, Low Level; Tumor Pathology; ...5.0623

A STUDY OF INFECTIONS IN IRRADIATED PATIENTS ...Aerobic Bacteria; Anaerobic Bacteria; Intestinal Bacteria; Microorganisms -nonspecific; Phagocytosis; Ug-system Bacteria; ...5.0626

COMPARISON OF DOSE FRACTIONATION AND PROTRACTION AND RBE FOR LATE SOMATIC EFFECTS IN MICE IRRADIATED WITH FAST NEUTRONS ...Muridae; Neutron -see Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0636

LATE EFFECTS OF EXPOSURE TO LOW AND MEDIUM LEVELS OF WHOLE BODY IRRADIATON IN MICE ...Muridae; Vertebrates Excl. Man; X and Gamma Rays; ...5.0647

METABOLISM OF TRACE ELEMENTS ...Beta Particles; Bos; Ovis; Radiation Effects - Biological; Strontium; X and Gamma Rays; Zinc; ...5.0658

RADIATION STUDIES ON LIVESTOCK UNDER SIMULATED FALLOUT CONDITIONS ...Animal Productivity; Bos; Radiation Effects; Radioactive Fallout-cf Fallout; Sus; X and Gamma Rays; ...5.0659

EARLY EFFECTS OF 14 MEV NEUTRON IRRADIATION IN SWINE ...Cell Injury and Autolysis; Injury and Shock; Neutron - see Radiation; Vertebrates Excl. Man; ...5.0660

LATE EFFECTS OF WHOLE-BODY GAMMA AND MIXED NEUTRON-GAMMA IRRADIATION ON LARGE ANIMALS ...Equidae; Neutron -see Radiation; Radiation, Lethal Dose; Vertebrates Excl. Man; X and Gamma Rays; ...5.0661

LATE EFFECTS OF WHOLE-BODY GAMMA IRRADIATION ON THE WORK PERFORMANCE AND RELATED PHYSIOLOGY OF SHETLAND PONIES ...Equidae; Exercise; Temperature & Humidity Effects; Temperature - Air; Temperature - Human Body; Vertebrates Excl. Man; X and Gamma Rays; ...5.0662

EFFECTS OF RADIATION ON LIFETIME REPRODUCTION ...Vertebrates Excl. Man; ...5.0667

FACTORS INFLUENCING LD50, LD100 AND PRENATAL RADIATION INJURY ...Developmental Physiology; Injury and Shock; Muridae; ...5.0690

THE EFFECTS OF X-IRRADIATION ON STEROID BIOTRANSFORMATIONS BY TESTICULAR TISSUE ...Cellular Biosynthesis; Mammals -nonspecific; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0716

RADIATION EFFECTS ON CHYLOMICRON SYNTHESIS AND CAPILLARY PERMEABILITY IN MICE ...Cellular Biosynthesis; Digestive System - Human; Muridae; Passive Transport, Diffusion; Permeability; Radiation; ...5.0738

GASTROINTESTINAL IRRADIATION STUDIES ...Caviidae; Digestive System - Human; Muridae; Rabbits; Sus; X and Gamma Rays; ...5.0755

THE EFFECTS OF IRRADIATION ON ERYTHROCYTE CHIMERISM & IMMUNOLOGIC TOLERANCE IN CATTLE TWINS ...Animal Pharmacology; Bos; Experimental Teratology; Immunology; Radiation Effects - Biological; Vertebrates Excl. Man; ...5.0766

WHOLE BODY COUNTING OF POPULATION LIVING IN AREAS OF HIGH NATURAL RADIOACTIVITY ...Brazil; Dosimetry; Radiation -terrestrial; Radiation Sources -general; Radioactivity, Natural; Radiologic Health; Whole Body; ...5.0772

THE APPLICATION OF SOLID-STATE LITHIUM-DRIFTED GERMANIUM DETECTORS TO THE ANALYSIS OF RADIONUCLIDES IN BIOLOGICAL AND ENVIRONMENTAL SAMPLES ...Air Pollution -see Specifics; Dosimetry; Mammals -nonspecific; Radioactive Isotopes; Radiologic Health; Tumor Pathology; ...5.0780

ANALYSIS OF RADIONUCLIDE PRODUCTION FOR PREDICTION OF UPTAKE AND DOSES FROM RELEASE OF RADIONUCLIDES ...Food Contamination; Iodine; Radiation Injury Prevention; Radiologic Health; ...5.0783

DEVELOPMENT AND APPLICATION OF MULTICHANNEL SCANNING ...Canidae; Metabolism & Metab. Diseases; Selenium; Whole Body; X and Gamma Rays; ...5.0835

RADIOPROTECTIVE AND TUMORICIDAL EFFECTS OF TWO NEUROTROPIC DRUGS ...Cancer; Cellular Viability; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation, Lethal Dose; Tumor Pathology; ...5.0836

IN VIVO MEASUREMENT OF RADIOACTIVE BODY BURDENS IN SELECTED POPULATIONS ...Cesium; Potassium; Radiation Effects - Man; Radiologic Health; X and Gamma Rays; Zinc; ...5.0895

IN-VIVO NEUTRON ACTIVATION ...Americum; Calcium; Chlorine; Fast Neutrons; Iodine; Models (physical) of Anim.&man; Neutron Generator; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; ...5.0896

ENDOTOXIN EFFECTS ON MOUSE COLONY-FORMING UNITS ...Bacteria -nonspecific; Bacterial Endotoxins; Biological Basis; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation Sources -general; ...5.0901

CLINICAL AND HEMATOLOGIC STUDIES OF IRRADIATION - CLINICAL AND LABORATORY CHANGES AFTER TOTAL-BODY IRRADIATION ...Cancer; Injury and Shock; Radiation, Low Level; ...5.0922

NUCLEAR MEDICINE AND SCANNING - INSTRUMENTATION ...Computer Methods -general; Monitoring Devices; Monitors and Automatic; Photography; Whole Body; X and Gamma Rays; ...5.0923

COMPARATIVE IN VIVO - IN VITRO RADIOSENSITIVITY OF MAMMALIAN PERIPHERAL LYMPHOCYTES ...Ceboidea; Radiation Effects - Biological; Radiation Sensitivity -man; ...5.0928

RBE OF 60 MEV-PROTONS FOR LATE SOMATIC EFFECTS IN MICE ...Muridae; Radiation Effects - Biological; Somatic Mutation; X and Gamma Rays; ...5.0930

WHOLE BODY RETENTION AND DISTRIBUTION MEASUREMENT OF RADIOISOTOPES IN MAN ...Cobalt; Computer Methods -general; Information Systems; Iodine; Models (physical) of Anim.&man; Strontium; ...5.0943

Radioactive Fallout-cf Fallout

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Contamination - Water; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Isotopes; Seismology; Strontium; ...1.0025

ATMOSPHERIC DIFFUSION, DEPOSITION, AND TRANSPORT PHENOMENA ...Atmospheric Dynamics; Energy Conversion; Particulates - Air Pollution; Radioactivity; Turbulence; ...1.0159

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Activation Analysis; Cesium; Fish; Marine Animals; Radioactive Fallout; Radioactivity; Sea Water Sampling; Zinc; ...2.0051

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Aluminum; Chlorine; Fluorine; Iodine; Precipitation Gages; Rain; Zinc; ...2.0097

LOSS OF ORGANIC AND INORGANIC MATERIALS FROM ABOVE-GROUND PLANT PARTS BY LEACHING ...Absorption (incl. Adsorption); Aging; Dew; Fog, Haze, Mist; Nitrogen Metabolism; Rain; Translocation; ...2.0268

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Estuaries; Fish; Iron; Marine Animals; Pollution Effects -see Water; Statistics; Zinc; ...2.0283

DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN AND BEHAVIOR OF TRACE ELEMENTS IN THE OCEAN AND ORGANISMS (ABBREV) ...Animal Migration; Marine Animals; Scombridae; Silver; ...2.0504

RADIOECOLOGY OF DEBRIS RADIONUCLIDES AT INTERMEDIATE DISTANCES FROM NUCLEAR CRATERING EVENTS ...Contamination - Water; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Tungsten; Wildlife -nonspecific; ...5.0006

CHARACTERIZATION OF RADIOACTIVE PARTICLES PRODUCED BY NUCLEAR DETONATION ...Air Pollution Analysis; Fallout -see Radioactive; Nuclear Detonations; Radiation Effects - Biological; Radioactive Fallout; Radioisotopes -nonspecific; Spectrographic Techniques; ...5.0007

ECOLOGICAL STUDIES OF RADIONUCLIDES IN ECOSYSTEMS AT NUCLEAR DETONATION SITES ...Hydrogen; Plant Ecology -nonspecific; Pollution Effects -see Water; Radioactive Contamination; Radioecology - Plants; Transpiration and Evap; ...5.0008

ANALYSIS OF RADIONUCLIDE TRANSPORT AND DEPOSITION FOR PREDICTION OF UPTAKE AND DOSES FROM RELEASE OF RADIONUCLIDES ...Air Pollution -see Specifics; Body Isotope Burden; Dose Rate, Dose Fractionation; Food Contamination; Radiation Injury Prevention; Radioisotopes -nonspecific; Radiologic Health; ...5.0009

A STUDY OF UNSUPPORTED 210 PO ION EXCHANGE IN SOILS, UPTAKE IN VEGETATION AND COMPARISON WITH DIRECT AERIAL DEPOSITION ...Absorption (incl. Adsorption); Polonium; Soil Microbiology; Soil Types -also See Specifics; Translocation; ...5.0024

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Air - Water - Plant Relations; Cesium; Environmental Ecology; Food Contamination; Pollution Effects -see Water; Radioactive Contamination; Radiologic Health; Soil Chemical Properties; ...5.0031

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

DEVELOP METHOD OF REMOVING RADIO-ACTIVE CONTAMINANTS FROM AGRICULTURAL LAND ...Absorption (incl. Adsorption); Pesticides -other; Soil Cover Crops; Zea Mays - Field Corn; ...5.0040

EXPERIMENTAL RADIONUCLIDE STUDIES ...Hydrogen; Krypton; Plutonium; Radiation Dose Studies-general; Radiation, Low Level; Strontium; ...5.0045

PHASE II PLANNING STUDY FOR EVALUATION OF RADIOACTIVE CONTAMINATION OF THE FOOD CHAIN ...Food Contamination; Plant Tissue Analysis -chem.; Radiation Injury Prevention; Radioactive Contamination; Radioisotopes - nonspecific; Radiologic Health; ...5.0053

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Sodium; ...5.0075

REMOVING RADIOACTIVE FALLOUT FROM VEGETABLES AND FRUITS DURING PROCESSING ...Cesium; Fragaria; Plants; Radioactive Contamination; Solanum; Vegetables; ...5.0105

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Beta Particles; Lactuca; Pisum; Radiation Effects -see Rad.; Strontium; Triticum; Zea Mays - Field Corn; ...5.0106

STUDY OF RADIONUCLIDE EFFECTS ON PLANT GROWTH - WITH SPECIAL REGARD TO PLANT DAMAGE CAUSED BY IONIZING RADIATION ...Beta Particles; Dosimetry; Lactuca; Plants; Radioactive Isotopes; Triticum; Yttrium; ...5.0118

EFFECTS OF BETA RADIATION ON PLANTS ...Beta Particles; Growth; Plants; ...5.0119

ASSESSMENT OF THE HAZARD OF FALLOUT RADIOIODINES ...Fallout -see Radioactive; Iodine; Radioactive Hazard; Radioactive Isotopes; Radiologic Health; ...5.0127

EFFECTS OF NUCLEAR TESTING ON VASCULAR PLANT AND RODENT POPULATIONS, NEVADA TEST SITE, NYE COUNTY, NEVADA ...Nevada; Plants; Radiation Effects -see Rad.; Reactor Sites & Rad Waste; Rodentia -other; X and Gamma Rays; Zygophyllaceae; ...5.0147

VASCULAR PLANT AND RODENT PARAMETERS IN 68 MOJAVE AND GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, SOUTHERN NEVADA, 1962-70 ...Animal Productivity; Deserts, Arid Lands; Plants; Reactor Sites & Rad Waste; Vertebrates Excl. Man; ...5.0148

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Arid and Desert Regions; Clay Soils; Mineral Nutrition; Plants; Radioisotopes -nonspecific; Soil Moisture; X and Gamma Rays; ...5.0159

CONTINUOUS GAMMA IRRADIATION OF NATURAL POPULATIONS OF DESERT ANIMALS ...Arid and Desert Regions; Cesium; Radiation, Lethal Dose; Reptiles; Rodentia -other; Vertebrates Excl. Man; X and Gamma Rays; ...5.0160

EFFECTS OF FALLOUT ON AGRICULTURAL ECOSYSTEMS ...Pesticides -nonspecific; Plants; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0175

EFFECTS OF BETA AND GAMMA RADIATION ON DESERT VEGETATION ...Artemisia; Deserts, Arid Lands; Radiation Effects -see Rad.; X and Gamma Rays; ...5.0183

STUDY OF THE COMBINED EFFECTS OF THERMAL TRAUMA AND SIMULATED FALLOUT IRRADIATION ...Burns; Radiation Effects - Biological; ...5.0194

EFFECTS OF RADIATION FROM NUCLEAR EXPLOSIONS ON NATURAL VEGETATION ...Geochemical Investigations; Nuclear Detonations; Radiation Effects -see Rad.; Seismology; ...5.0203

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic Bomb; Colorado; Grasslands; Ochotonidae; Plants; Radiation Effects -see Rad.; Strontium; X and Gamma Rays; ...5.0211

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radiation Sensitivity -man; Tropical Regions; ...5.0218

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation; Bos; Cricetidae -other; Felidae; Forest Environment -general; Soil Chemical Properties; Vertebrates Excl. Man; ...5.0258

ANIMAL METABOLIC STUDIES OF STRONTIUM AND CALCIUM WITH SPECIAL REFERENCE TO FALLOUT RADIONUCLIDES ...Bos; Calcium; Capra; Strontium; Sus; ...5.0317

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS ...Absorption (incl. Adsorption); Calcium; Cellular Biosynthesis; Ion Transport and Elect. Pot.; Mineral Nutrition; Passive Transport, Diffusion; Soil Temp. - non-specific; Zinc; ...5.0409

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Succession; Radiation Effects -see Rad.; Radioactive Contamination; Radioecology - Plants; Soil - Crop Relationships; Soil Environment -other; Translocation; ...5.0422

RADIATION DAMAGE IN TROPICAL RAIN FOREST TREES ...Forest Environment -general; Radioisotopes -nonspecific; Rain Forests; Tropical Regions; ...5.0513

RESPONSE OF PLANTS TO DECAYING RADIATION ...Plants; Radiation Effects -see Rad.; ...5.0535

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Scombridae; Water Pollution Sources; ...5.0541

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Beta Particles; Plant Biomes; Plant Succession; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioecology - Plants; Soil Microbiology; Wisconsin; ...5.0542

RECOVERY OF A NATURAL PLANT COMMUNITY FOLLOWING EXPOSURE TO BETA RADIATION FROM SIMULATED FALLOUT PARTICLES ...Compositae; Plant Ecology -nonspecific; Plants; Range Or Territorial Distr.; Seeds; ...5.0545

GENETIC EFFECTS OF ACUTE BETA IRRADIATION FROM SIMULATED FALLOUT PARTICLES UPON NATURAL POPULATIONS OF VIGUIERA PORTERI ...Beta Particles; Compositae; Plants; Radiation Effects -see Rad.; Seeds; ...5.0546

THE NATURE OF RADIATION SENSITIVITY IN PINES ...Literature Search; Pinus -nonspecific; Plants; Radiation Effects -see Rad.; X and Gamma Rays; ...5.0547

EFFECTS OF GAMMA RADIATION ON HERBACEOUS SPECIES IN A NORTHERN HARDWOOD FOREST ...Aster; Deciduous Forests; Plant Ecology -nonspecific; Radiation Effects - see Rad.; Radioecology - Plants; X and Gamma Rays; ...5.0548

PHASE I - FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS - FISSION PRODUCT STUDIES ...Bos; Cerium; Cesium; Strontium; ...5.0566

EXPERIMENTAL INVESTIGATIONS ON THE INTERPLAY BETWEEN NATURAL AND ARTIFICAL RADIATION PROTECTION ...Radiation Injury Prevention; Radiation Sources - general; ...5.0609

ANIMAL METABOLISM OF FISSION PRODUCTS AND RELATED NUCLIDES ...Beta Particles; Calcium; Ovis; Rumen Bacteria; Sus; Yttrium; ...5.0611

RADIOTOXICITY OF FISSION PRODUCT ELEMENTS ...Beta Particles; Injury -animal; Radiation Effects; Radioactive Pollution -ns; Vertebrates Excl. Man; Yttrium; Zinc; ...5.0612

RADIOECOLOGICAL EFFECTS OF FALLOUT ...Cesium; Gramineae -other; Grasslands; Leaching; Plants; Runoff (water); Water Cycle; ...5.0629

DISEASE OF WILD SMALL MAMMAL POPULATIONS ON RADIOECOLOGY STUDY AREAS ...Air Pollution -see Specifics; Animal Habitat Studies; Cricetidae -other; Pathology; Reactor Sites & Rad Waste; Soricidae; ...5.0634

RESPONSES OF PLANTS AND PLANT COMMUNITIES TO IONIZING RADIATION ...Acer Species; Carbohydrates; Festuca; Magnoliaceae; Radiation Sources -general; Radioactive Hazard; Translocation; ...5.0652

EFFECTS OF FALLOUT RADIATION ON AGRICULTURE ...Livestock -nonspecific; Plants; Vertebrates Excl. Man; ...5.0657

RADIATION STUDIES ON LIVESTOCK UNDER SIMULATED FALLOUT CONDITIONS ...Animal Productivity; Bos; Radiation Effects; Sus; X and Gamma Rays; ...5.0659

FATE AND EFFECTS OF RADIONUCLIDES IN ALASKA ...Alaska; Cesium; Lichenes; Radiation Effects - Biological; Radiologic Health; Strontium; ...5.0736

STUDIES IN IODINE METABOLISM ...Australia; British Isles; Digestive System - Human; Iodine; Japan; Radiation Effects - Biological; Radiologic Health; ...5.0920

Radioactive Hazard

AEC OFF-SITE RADIOLOGICAL SAFETY PROGRAM ...Atomic Plants; Food Contamination; Nuclear Detonations; Radioactive Fallout; Radioactivity; Thermoluminescent Detectors; ...5.0050

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Environmental Hazards; Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactivity; X and Gamma Rays; ...5.0065

RADIATION INJURY ASSOCIATED WITH HIGH ALTITUDE FLIGHTS AND SPACE OPERATIONS ...Altitude; Beta Particles; Injury and Shock; Mammals -nonspecific; Protons; Radiation Effects - Biological; Radiologic Health; X and Gamma Rays; ...5.0079

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

ASSESSMENT OF THE HAZARD OF FALLOUT RADIOIODINES ...Fallout -see Radioactive; Iodine; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Radiologic Health; ...5.0127

TOXICITY OF TRITIUM-LABELED COMPOUNDS ...Beta Particles; Cell Membrane Permeability; Cellular Catabolism-see Degrad.; Hydrogen; Radiation; Reactor Sites & Rad Waste; ...5.0280

AEC RADIATION EFFECTS PROGRAM ...Animal Productivity; Bos; Food Contamination; Radioactive Isotopes; Radioisotopes - nonspecific; Radiologic Health; ...5.0420

TOXICITY OF 144CE INHALED IN FUSED CLAY BY THE BEAGLE DOG ...Aerosols; Body Isotope Burden; Cerium; Microorganisms -nonspecific; Respiratory Irritants, Inhaled; ...5.0426

DISTRIBUTION AND EXCRETION OF 137 CS INHALED IN FUSED CLAY PARTICLES BY THE DOG ...Aerosols; Cerium; Fission Products-see Radioact.; Radiation Injury Prevention; Radioactive Isotopes; Strontium; ...5.0429

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Biochemical Analysis - Tissues; Fission Products-see Radioact.; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Respiratory Irritants, Inhaled; ...5.0436

THEORETICAL DESCRIPTION OF THE INTERACTIONS THAT OCCUR BETWEEN RADON DECAY PRODUCTS AND AEROSOLS ...Adsorption; Aerosols; Radiation Effects - Biological; Radon; Respiratory Irritants, Inhaled; ...5.0447

GENERATION OF MONODISPERSE AEROSOLS OF INSOLUBLE FORMS FOR USE IN INHALATION EXPOSURES ...Aerosols; Body Isotope Burden; Chelation & Complexing; Electrical Phenomena; Fission Products-see Radioact.; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0448

CORRELATION OF LIFETIME HEALTH & MORTALITY EXPERIENCE OF AEC & CONTRACTOR EMPLOYEES WITH OCCUPATIONAL RADIATION EXPOSURE (ABBREV) ...Atomic Bomb; Occupational Hazards; Radiation Sources - general; Radiation, Low Level; Radiologic Health; ...5.0589

RESPONSES OF PLANTS AND PLANT COMMUNITIES TO IONIZING RADIATION ...Acer Species; Carbohydrates; Festuca; Magnoliaceae; Radiation Sources -general; Translocation; ...5.0652

SPACE NUCLEAR SYSTEMS STUDIES ...Aerosols; Body Isotope Burden; Chemical Mechanisms & Kinetics; Plutonium; Radiation Dose Studies-general; Space Medicine - Exobiology; Sus; ...5.0735

QUANTITATION OF LOW LEVELS OF TRITIUM IN BIOLOGICAL AND ENVIRONMENTAL MATERIAL ...Air Pollution -see Specifics; Electrochemistry; Hydrogen; Radioactive Isotopes; Radiologic Health; Scintillation Counting; ...5.0782

NEUTRON DOSE BELOW 500 KEV IN A CRITICALITY ACCIDENT (PART OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY) (ABBREV) ...Accident; Dosimetry; Energy Conversion; Fast Neutrons; Neutron -see Radiation; Nuclear Reactors; ...5.0793

RADON PROGENY EXPOSURE CONTROL IN BUILDINGS ...Building Design; Construction Materials; Radiation Injury Prevention; Radioactive Isotopes; Radon; Respiratory Irritants, Inhaled; ...5.0803

RADIATION PROTECTION AND MEASUREMENT ...Disposal Methods; Food Contamination; Neutron -see Radiation; Particle Accelerators; Radiation Shielding; Radioactive Isotopes; Strontium; X and Gamma Rays; ...5.0808

TRACING RADIONUCLIDES IN HUMANS AND ANIMALS BY HELICAL SCANNING ...Body Isotope Burden; Mammals -nonspecific; Radiation Injury Prevention; X and Gamma Rays; ...5.0818

RESEARCH WITHIN THE FRAMEWORK OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY ...Accident; Dosimetry; Instrumentation; Neutron -see Radiation; Radiation Instruments; Radiologic Health; ...5.0839

DECONTAMINATION TESTING AND PROCEDURES UNDER COLD WEATHER CONDITIONS ...Cold Climates; Radiation Injury Prevention; ...5.0852

MANUAL OF ACCELERATOR RADIATION PROTECTION ...Handbooks; Particle Accelerators; Radiation Injury Prevention; ...5.0858

CALIBRATION OF RESPIRABLE DUST SAMPLERS FOR INHALATION HAZARD EVALUATION ...Aerosols; Air Pollution -see Specifics; Dust; Radiation Effects - Biological; Radioisotopes -nonspecific; Respiratory Irritants, Inhaled; Toxic Substances; ...5.0864

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution Effects; Energy Conversion; Environmental Hazards; Occupational Hazards; Radiation Instruments; Radioactive Isotopes; Radiologic Health; ...5.0877

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate, Dose Fractionation; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies - general; Water Pollution Sources; ...5.0881

NAVY ENVIRONMENT - MEASUREMENT OF TISSUE DAMAGE IN NAVY PERSONNEL EXPOSED TO IONIZING RADIATION IN THE LINE OF DUTY ...Cell Injury and Autolysis; Ionizing Radiation -see Rad.; Occupational Hazards; X and Gamma Rays; ...5.0913

REMOVAL OF AM-241 FROM HUMANS WITH DTPA ...Americium; Occupational Hazards; Plutonium; Radiation Injury Prevention; Radiologic Health; Scintillation Counting; ...5.0914

RADIATION DETECTORS FOR USE IN NUCLEAR/CRITICALITY ACCIDENT DOSIMETRY ...Accident; Detectors; Dosimetry; Instrumentation; Neutron Detectors; Sulfur; ...5.0916

HEALTH PHYSICS RESEARCH REACTOR AND MONOENERGETIC RADIATIONS FACILITY ...Dosimetry; Ionizing Radiation -see Rad.; Radiation Injury Prevention; Spectrographic Techniques; Van De Graaff Accelerator; X and Gamma Rays; ...5.0925

HASTY RURAL SHELTERS AND IMPROVISED LIFE-SUPPORT EQUIPMENT ...Building Construction; Building Design; Fission Products-see Radioact.; Pumps; Rural Areas ...5.0934

THEORETICAL RADIATION DOSIMETRY ...Dosimetry; Fast Neutrons; Monte Carlo Methods; Particle Accelerators; Protons; Radiation -see Specifics; Radiation Penetration; ...5.0939

NUCLEAR SAFETY INFORMATION CENTER ...Air Pollution - see Specifics; Consultants, Advisory Services; General Information Services; ...5.0940

RADIATION SAFETY COMMITTEE (U-109) ...Fast Neutrons; Ionizing Radiation -see Rad.; Neutron -see Radiation; Radiation Injury Prevention; Radioisotopes -nonspecific; Radiologic Health; X and Gamma Rays; ...5.0950

INHALATION HAZARDS TO URANIUM MINERS - RADIOCHEMICAL STUDIES ...Aerosols; Mammals -nonspecific; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Radium; Scintillation Counting; Spectrographic Techniques; ...5.0961

RADIOISOTOPES AS PARTICLES AND VOLATILES ...Radioisotopes -nonspecific; ...5.0962

Radioactive Isotopes

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Contamination - Water; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Seismology; Strontium; ...1.0025

METEOROLOGY FOR NUCLEAR REACTORS ...Atmospheric Dynamics; Automatic Weather Stations; Fluid Mechanics; Ohio; Radioactivity; Urban Research -general; ...1.0027

CONTUNUOUS MEASUREMENTS OF AIRBORNE AND PRECIPITATION RADIOACTIVITY AND METEOROLOGICAL APPLICATION ...Atmospheric Dynamics; Fallout -see Radioactive; Nuclear Detonations; Radioactive Fallout; Scintillation Counting; Spectrographic Techniques; Tracers; Troposphere; ...1.0044

NUMERICAL STUDIES OF TURBULENT FLOW ...Atmospheric Dynamics; Energy Conversion; Meteorologic Instruments -gen.; Model Studies; Particulates - Air Pollution; Radioactivity; Wind; ...1.0144

RADIOACTIVE FALLOUT RATES AND MECHANISMS ...Chlorine; Cosmic Rays; Fluorine; ...1.0160

TRANSPORT, DEPOSITION, AND METEOROLOGICAL STUDIES OF NUCLEAR DEBRIS IN THE ATMOSPHERE ...Air Pollution Sampling; Atmospheric Dynamics; Atmospheric Structure; Circulation - Patterns; Fission Products-see Radioact.; Radioactivity; Stratosphere; Troposphere; ...1.0713

DEVELOPMENT OF A WORKING MODEL FOR MEASUREMENT OF SULFUR DIOXIDE IN STACK GASES ...Combustion; Detectors and Sensors; Mercury; Radiation Instruments; Scintillation Counting; Sulfur Dioxide Removal; X and Gamma Rays; ...1.0834

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Ocean Circulation -general; Radioactive Fallout; Radioactivity; ...2.0187

RADIOECOLOGY OF THE KUCUK CEKMECE LAGOON ...Aquatic Ecology - Animal; Biological Effects; Contamination - Water; Energy Conversion; Lagoons; Sediments; Water Pollutants - Path of; ...2.0392

GEOCHEMICAL OCEAN SECTION STUDY ...Activation Analysis; Chemical Composition; Gamma Spectroscopy; Marine Geology; Radioactivity; Sea Water Chemistry; Trace Analysis; ...2.0844

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Chemical Analysis -general; Fluid Mechanics; Ion Exchange; Isotope Tracer -see Tracers; Mechanism Determination; Reactors; Sand Filters; Utilization; ...2.0888

REDUCTION OF RADIOISOTOPES IN HANFORD REACTOR EFFLUENTS ...Atomic Plants; Effluents - Waste Water; Energy Conversion; Nuclear Power; Nuclear Reactors; Water Pollution Sources; ...2.1445

STRONTIUM-90 LEVELS ON THE DIETS AND BONES OF CHILDREN ...Metabolism & Metab. Diseases; Radiologic Health; Radium; Strontium; ...5.0001

DETERMINATION OF U-235 ENRICHMENT IN UNIRRADIATED URANIUM BEARING STREAMS ...Uranium; Water Pollution Sources; Water Quality Control -general; X-ray Spectroscopy; ...5.0002

RADIATION PATHWAYS STUDIES ...Environmental Aspects; Hydrogen; Iodine; Nuclear Detonations; Radiation Injury Prevention; Radioactivity; Recovery - Production; Zinc; ...5.0061

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Environmental Hazards; Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Deltas; Electrical Properties; Marine Biology - General; Marine Environments; Temperature; Trace Elements; Xray Diffraction; ...5.0068

CHROMATOGRAPHIC SEPARATION OF URANIUM AND PLUTONIUM FROM REPROCESSING PLANT LIQUID WASTE ...Chromatography; Detectors and Sensors; Energy Conversion; Nuclear Radiation; Photometry; Safety Design - Radioisotopes; Waste Management -see Specific; ...5.0080

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

STUDY OF RADIONUCLIDE EFFECTS ON PLANT GROWTH - WITH SPECIAL REGARD TO PLANT DAMAGE CAUSED BY IONIZING RADIATION ...Beta Particles; Dosimetry; Lactuca; Plants; Triticum; Yttrium; ...5.0118

ASSESSMENT OF THE HAZARD OF FALLOUT RADIOIODINES ...Fallout -see Radioactive; Iodine; Radioactive Fallout-cf Fallout; Radioactive Hazard; Radiologic Health; ...5.0127

RADIATION CARCINOGENESIS ...Digestive System - Human; Muridae; Nuclear Structure; Radiation Carcinogenesis; Radioisotopes -nonspecific; Tumor Pathology; X and Gamma Rays; ...5.0378

AEC RADIATION EFFECTS PROGRAM ...Animal Productivity; Bos; Food Contamination; Radioactive Hazard; Radioisotopes - nonspecific; Radiologic Health; ...5.0420

METABOLISM AND DOSIMETRY OF 90SR INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Canidae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Yttrium; ...5.0427

DISTRIBUTION AND EXCRETION OF 137 CS INHALED IN FUSED CLAY PARTICLES BY THE DOG ...Aerosols; Cerium; Fission Products-see Radioact.; Radiation Injury Prevention; Strontium; ...5.0429

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Biochemical Analysis - Tissues; Fission Products-see Radioact.; Occupational Hazards; Radiation Injury Prevention; Respiratory Irritants, Inhaled; ...5.0436

IN VIVO MEASUREMENT OF PLUTONIUM LUNG BURDENS IN HUMANS ...Factory Workers; Gas Filled Detectors; Occupational Hazards; Plutonium; Radiation Effects - Man; Radiologic Health; Scintillation Counting; ...5.0437

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Ionizing Radiation -see Rad.; Microorganisms; Protons; Radiation -see Specifics; X and Gamma Rays; Yeasts -nonspecific; ...5.0775

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Cellular Viability; Ionizing Radiation -see Rad.; Protons; Radiation -see Specifics; Radiation Sensitivity -man; X and Gamma Rays; ...5.0776

SCINTIGRAPHY USING THE SCINTILLATION CAMERA, POSITRON CAMERA, MARK II WHOLE BODY SCANNER AND MULTIPLANE TOMOGRAPHIC SCANNER (ABBREV) ...Detectors; Positron Camera; Video; Whole Body; ...5.0779

THE APPLICATION OF SOLID-STATE LITHIUM-DRIFTED GERMANIUM DETECTORS TO THE ANALYSIS OF RADIONUCLIDES IN BIOLOGICAL AND ENVIRONMENTAL SAMFLES ...Air Pollution -see Specifics; Dosimetry; Mammals - nonspecific; Radiation, Whole Body; Radiologic Health; Tumor Pathology; ...5.0780

QUANTITATION OF LOW LEVELS OF TRITIUM IN BIOLOGICAL AND ENVIRONMENTAL MATERIAL ...Air Pollution -see Specifics; Electrochemistry; Hydrogen; Radioactive Hazard; Radiologic Health; Scintillation Counting; ...5.0782

RADON PROGENY EXPOSURE CONTROL IN BUILDINGS ...Building Design; Construction Materials; Radiation Injury Prevention; Radon; Respiratory Irritants, Inhaled; ...5.0803

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR PROCESS CONTROL AND POLLUTION ABATEMENT ...Coatings -see Materials; Isotope Tracer -see Tracers; Plating Wastes; Reactors; Zinc; ...5.0804

RADIATION PROTECTION AND MEASUREMENT ...Disposal Methods; Food Contamination; Neutron -see Radiation; Particle Accelerators; Radiation Shielding; Strontium; X and Gamma Rays; ...5.0808

THE DETERMINATION OF PLUTONIUM 239 IN LUNG TISSUE BY ACTIVATION ANALYSIS ...Atomic Bomb; D -v -nonspecific; Fast Neutrons; Plutonium; Radiologic Health; ...5.0819

GROSS ALPHA DETERMINATION IN ENVIRONMENTAL AND BIOLOGICAL SAMPLES ...Alpha Particles; Californium; Feces; Polonium; Reduction Reactions; Urine; ...5.0823

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution Effects; Energy Conversion; Environmental Hazards; Occupational Hazards; Radiation Instruments; Radiologic Health; ...5.0877

ANALYTICAL INSTRUMENTATION FOR MEASUREMENT OF ENVIRONMENTAL SAMPLES ...Air Pollution Sampling; Analytical Instruments; Radiation Shielding; Radioactivity; Scintillation Counting; ...5.0878

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate; Dose Fractionation; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactivity Studies -general; Water Pollution Sources; ...5.0881

ANALYZE SELECTED HI-VOL SAMPLES FOR GROSS-BETA RADIATION ...Atomic Plants; Beta Particles; Particulates - Air Pollution; Radioactivity; ...5.0907

HAIR AS A MEASURE OF INTERNAL CONTAMINATION WITH RADIONUCLIDES ...Radiation Effects - Biological; Radioisotopes -nonspecific; ...5.0917

RADIATION DOSIMETRY RESEARCH ...Alpha Particles; Detectors and Sensors; Fast Neutrons; Human Developmental Biology; Models (physical) of Anim.&man; Radiation Carcinogenesis; Radiologic Health; X and Gamma Rays; ...5.0924

INHALATION HAZARDS TO URANIUM MINERS - RADIOCHEMICAL STUDIES ...Aerosols; Mammals -nonspecific; Occupational Hazards; Radiation Injury Prevention; Radium; Scintillation Counting; Spectrographic Techniques; ...5.0961

Actinium A C

STUDIES ON HAZARDS OF THE TRANSPLUTONIUM ELEMENTS ...Body Isotope Burden; Colloids; Gold; Muridae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0117

SEQUENTIAL RADIOCHEMICAL DETERMINATION OF RADIUM-226, 228, ACTINIUM-227 AND THORIUM-230 IN ENVIRONMENTAL AND PROCESS WASTE SAMPLES ...Dosimetry; Mine Wastes; Radium; Thorium; Uranium; ...5.0820

Americum

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Atomic Plants; Environment; Krypton; Mammals -nonspecific; Radioactive Pollution -ns; River Basins; Water Pollutants - Path of; ...5.0073

STUDIES OF TRANSURANIC ELEMENTS AND OTHER RADIOACTIVE BONE-SEEKERS ...Aging; Astatine; Californium; Muridae; Primates -nonspecific; Radiation Injury Prevention; Strontium; ...5.0108

BEHAVIOR OF CERTAIN SYNTHETIC CHELATING AGENTS IN BIOLOGICAL AND SOIL SYSTEMS ...Absorption (incl. Adsorption); Chelation & Complexing; Mineral Nutrition; Radiation Effects -see Rad.; Soil Chemical Properties; Translocation; ...5.0161

THERAPY OF POISONING BY RADIOACTIVE AND NON-RADIOACTIVE METALS ...Digestive System - Human; Muridae; Rabbits; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0281

CHROMOSOME ABERRATIONS PRODUCED BY INTERNALLY DEPOSITED RADIOACTIVE MATERIALS IN THE CHINESE HAMSTER ...Alpha Particles; Beta Particles; Cellular Model Systems; Cerium; Digestive System - Human; Radiation Injury Prevention; Strontium; ...5.0433

DOSE-RESPONSE RELATIONSHIPS FOR INHALED ALPHA-EMITTING RADIONUCLIDES ...Alpha Particles; Canidae; Curium; Injury and Shock; Plutonium; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0449

THE EFFECT OF INTERNAL EMITTERS ON THE HEMATOPOIETIC SYSTEM ...Canidae; Plutonium; Radium; Strontium; Thorium; ...5.0718

ASSESSMENT, EVALUATION AND CONTROL OF RADIATION EXPOSURE TO MAN AND HIS ENVIRONMENT - EXPOSURE TO EXTERNAL AND INTERNAL RADIATION ...Digestive System - Human; Plutonium; Radiologic Health; Strontium; Tumor Pathology; ...5.0719

241-AM METABOLISM AND EFFECTS IN BEAGLES ...Canidae; Radiation Effects - Biological; ...5.0722

MICROSCOPIC DISTRIBUTION OF 241-AM IN THE BEAGLE ...Canidae; Injury and Shock; Radiation Effects - Biological; ...5.0726

COMPARATIVE DISPOSITION OF PLUTONIUM AND AMERICIUM AFTER INHALATION ...Canidae; Plutonium; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0751

U.S. TRANSURANIUM REGISTRY OF AEC, AEC CONTRACTOR AND LICENSEE EMPLOYEES ...Mammals -nonspecific; Occupational Hazards; Plutonium; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0756

DOSIMETRY ...Fast Neutrons; Ionizing Radiation -see Rad.; Muridae; Plutonium; Radiation Penetration; X and Gamma Rays; ...5.0830

IN-VIVO NEUTRON ACTIVATION ...Calcium; Chlorine; Fast Neutrons; Iodine; Models (physical) of Anim.&man; Neutron Generator; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Radiation, Whole Body; ...5.0896

REMOVAL OF AM-241 FROM HUMANS WITH DTPA ...Occupational Hazards; Plutonium; Radiation Injury Prevention; Radioactive Hazard; Radiologic Health; Scintillation Counting; ...5.0914

RETENTION AND DOSIMETRY OF BONE SEEKING RADIONUCLIDES IN BEAGLES ...Canidae; Lead; Plutonium; Radium; Strontium; Thorium; ...5.0952

INHALATION STUDIES - KINETICS AND DOSIMETRY STUDIES ...Aerosols; Curium; Muridae; Promethium; ...5.0959

Astatine

STUDIES OF TRANSURANIC ELEMENTS AND OTHER RADIOACTIVE BONE-SEEKERS ...Aging; Americum; Californium; Muridae; Primates -nonspecific; Radiation Injury Prevention; Strontium; ...5.0108

Barium

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Aerosols; Cerium; Fission Products-see Radioact.; Praseodymium; Radioactivity; Strontium; Yttrium; ...5.0446

DETERMINATION OF UPTAKE RATES, ORGAN SPECIFICITIES, AND BIOLOGICAL LIFETIMES OF RADIOISOTOPES AND ELEMENTAL SPECIES IN THE RAT ...Chelation & Complexing; Gamma Spectroscopy; Mercury; Radiation Injury Prevention; Tantalum; ...5.0781

Beryllium

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Cesium; Iron; Lead; Manganese; Mercury; Radiation Injury Prevention; Sodium; Thallium; Tungsten; Zinc; ...5.0136

IN-VIVO NEUTRON ACTIVATION ...Americum; Calcium; Chlorine; Fast Neutrons; Iodine; Models (physical) of Anim.&man; Neutron Generator; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Radiation, Whole Body; ...5.0896

Bismuth

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Cobalt; Europium; Lichenes; Radiation Resistance -animals; Radiologic Health; Ruthenium; Stibium; Zirconium; ...5.0742

GROSS ALPHA DETERMINATION IN ENVIRONMENTAL AND BIOLOGICAL SAMPLES ...Alpha Particles; Californium; Feces; Polonium; Radioactive Isotopes; Reduction Reactions; Urine; ...5.0823

Cadmium

DETERMINATION OF UPTAKE RATES, ORGAN SPECIFICITIES, AND BIOLOGICAL LIFETIMES OF RADIOISOTOPES AND ELEMENTAL SPECIES IN THE RAT ...Barium; Chelation & Complexing; Gamma Spectroscopy; Mercury; Radiation Injury Prevention; Tantalum; ...5.0781

Calcium

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Animal Productivity; Aquatic Ecology - Animal; Cesium; Copper; Invertebrate Physiology; Phosphorus; Potassium; Temperature (water); Zinc; ...2.0201

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

NEUTRALIZATION REACTIONS IN ACID SOIL AND CLAY SYSTEMS AND THEIR EFFECT ON PLANT GROWTH ...Atrazine; Clay Soils; Plant Tissue Analysis -chem.; Soil Chemical Properties; Soil pH; ...4.0122

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

NUCLIDE METABOLISM .Cesium; Chlorine; Feces; Iron; Mammals -nonspecific; Radiation Injury Prevention; Sodium; Whole Body; ...5.0155

ANIMAL METABOLIC STUDIES OF STRONTIUM AND CALCIUM WITH SPECIAL REFERENCE TO FALLOUT RADIONUCLIDES ...Bos; Capra; Radioactive Fallout-cf Fallout; Strontium; Sus; ...5.0317

MORPHOLOGICAL AND HISTOCHEMICAL CHANGES IN BONE CELLS AFTER IRRADIATION - A LIGHT AND ELECTRON MICROSCOPIC STUDY ...Cell Injury and Autolysis; Hydrogen; Plutonium; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0350

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS ...Absorption (incl. Adsorption); Cellular Biosynthesis; Ion Transport and Elect. Pot.; Mineral Nutrition; Passive Transport, Diffusion; Radioactive Fallout-cf Fallout; Soil Temp. -non-specific; Zinc; ...5.0409

ANIMAL METABOLISM OF FISSION PRODUCTS AND RELATED NUCLIDES ...Beta Particles; Ovis; Radioactive Fallout-cf Fallout; Rumen Bacteria; Sus; Yttrium; ...5.0411

EFFECT OF DOSE RATE AND TOTAL DOSE OF GAMMA IRRADIATION UPON METABOLIC PARAMETERS IN BIRDS ...Gallus Domesticus; Injury -animal; Phosphorus; Radiation Effects - Biological; Strontium; X and Gamma Rays; ...5.0672

THE METABOLISM OF STRONTIUM AND RELATED NUCLIDES IN POULTRY ...Gallus Domesticus; Phosphorus; Phosphorus and Phosphorus Cpd; Radiation Effects; Strontium; Vertebrates Excl. Man; X and Gamma Rays; ...5.0673

CONTROL OF ION CONTENT OF CELLS ...Active Transport; Cell Injury and Autolysis; Cellular Model Systems; Ionic Effect; Microorganisms; Potassium; Strontium; Zooplankton; ...5.0886

IN-VIVO MEASUREMENT OF RADIONUCLIDES IN MAN ...Metabolism and Biochemistry; Potassium; Radiologic Health; X and Gamma Rays; ...5.0894

IN-VIVO NEUTRON ACTIVATION ...Americium; Chlorine; Fast Neutrons; Iodine; Models (physical) of Anim.&man; Neutron Generator; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Radiation, Whole Body; ...5.0896

Californium

BIOLOGICAL EFFECTS OF IMPLANTED NUCLEAR ENERGY SOURCES FOR ARTIFICIAL HEART DEVICES (ABBREV) ...Canidae; Isotopes Development; Neutron -see Radiation; Protons; Strontium; Yttrium; ...5.0054

TISSUE CULTURE RESEARCH AND PLANS FOR ITS EXTENSION ...Cellular Repair Mechanisms; Ionic Effect; Plants; Radiation Effects - Biological; Radium; ...5.0056

STUDIES OF TRANSURANIC ELEMENTS AND OTHER RADIOACTIVE BONE-SEEKERS ...Aging; Americium; Astatine; Muridae; Primates -nonspecific; Radiation Injury Prevention; Strontium; ...5.0108

STUDIES ON HAZARDS OF THE TRANSPLUTONIUM ELEMENTS ...Actinium A C; Body Isotope Burden; Colloids; Gold; Muridae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0117

GROSS ALPHA DETERMINATION IN ENVIRONMENTAL AND BIOLOGICAL SAMPLES ...Alpha Particles; Feces; Polonium; Radioactive Isotopes; Reduction Reactions; Urine; ...5.0823

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Commelinaceae; Dosimetry; Ionizing Radiation -see Rad.; Muridae; Plasmas; Radiation; Radiation Sources - general; X and Gamma Rays; ...5.0870

COMPUTER APPLICATIONS ...Computer Methods -general; Data & Statistics Info Storage; Data Reduction and Analysis; Dose Rate, Dose Fractionation; Man Machine Systems; Neutron -see Radiation; ...5.0897

Carbon

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Contamination - Water; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Seismology; Strontium; ...1.0025

STUDIES OF ENVIRONMENTAL AIR POLLUTANTS ...Air Pollution -see Specifics; Amphibians; Experimental Teratology; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0198

AIR POLLUTION EFFECTS ON AMINO ACID METABOLISM AND MEMBRANE PERMEABILITY IN CITRUS ...Air Pollution -see Specifics; Citrus; Gossypium; Nitrogen Metabolism; Permeability; ...1.0321

EFFECT OF AIR POLLUTANTS AND OF OTHER ENVIRONMENTAL FACTORS ON PLANT CELL AND TISSUE GROWTH ...Air Pollution -see Specifics; Cellular Biosynthesis; Growth; Nicotiana; Plant Response to Env. -ns; ...1.0323

DISTRIBUTION OF ORGANICS FROM SALMON DECOMPOSITION ...Alaska; Chemical Effects; Estuaries; Nitrogen; Organic Matter; Water Pollutants - Path of; ...2.0011

PRIMARY PRODUCTION AND DECOMPOSITION IN ESTUARINE WATER ...Algae - Phaeophyta; Algal Physiology; Cellular Catabolism-see Degrad; Estuaries; Marine Plants; Organic Properties; ...2.0103

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0314

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Tritium; Water Pollution Sources; ...2.0220

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Cellular Catabolism-see Degrad; Eutrophic Lakes; Kinetics; Water Bacteria; ...2.0323

RADIOCARBON IN THE SEA ...Marine Biology - General; Ocean Mixing; Polar Oceanic Areas; Radioactivity; Ships and Cruises; Wind; ...2.0427

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS ...Biological Water Properties; Circulation (water); Eutrophication; Fish Food Organisms; Nutrients; Phytoplankton; Water Bacteria; Wisconsin; ...2.0443

GEOSECS RADIOCARBON AND TRITIUM MEASUREMENTS ...Animal Productivity; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Plant Productivity -general; Sea Water Chemistry; Sea Water Sampling; ...2.0548

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition; Destratification; Forecasting - Prediction; Lakes; Mathematical Models; Primary Productivity - Plants; Rate Meters; ...2.0612

ORGANIC NUTRIENT FACTORS AFFECTING ALGAL GROWTH ...Algae - Chlorophyta; Algae - Cyanophyta; Algae - nonspecific; Nutrients; Secondary Treatment; ...2.0704

SENSITIVITY OF BENTHIC MICROFLORA TO POLLUTION GRADIENTS ...Atomic; Plants; Energy Conversion; Marine Plants; Rhode Island; Water Pollutant Identification; Water Standards & Baselines; ...2.0773

GEOSECS - C14 FACILITY AND ANALYSIS OF OCEAN WATER SAMPLES ...Animal Productivity; Marine Biology - General; Plant Productivity -general; Radioactivity; ...2.0849

EVALUATION OF C-14 DATING OF GROUND WATER ...Aquifers; Geochemical Analysis (water); Groundwater; Radiologic Warfare; Water Pollution Sources; ...2.0992

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

MICROBIAL MEDIATION IN GENERATION OF ACID MINE WASTES ...Acid Mine Drainage; Biological Water Properties; Cellular Biosynthesis; Chemical Water Properties; Mineralogical Water Properties; ...2.1298

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics - gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1578

RESPONSE OF NATURAL PHYTOPLANKTON POPULATIONS TO THERMAL SHOCK ...Electric Power Plants; Environmental Aspects; Induced Temperature; Phytoplankton; Primary Productivity - Plants; Thermal Pollution; ...2.1657

EFFECT OF NITRILOTRIACETIC ACID (NTA) UPON THE TOXICITY OF METALS TO SELECTED SPECIES OF

ESTUARINE PHYTOPLANKTON ...Chelation & Complexing; Estuaries; Industrial Wastes; Marine Plants; Metabolism of Algacides; Physiological Effects; Phytoplankton; ...2.1702

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; Tracers; ...2.1731

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; D, 2,4-; Dichlobenil; Haloragaceae; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Simazine; ...4.0004

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Mathematical Analysis; Mathematical Models; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0081

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

REACTIONS OF PESTICIDES WITH SOILS ...Deep Plowing; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0088

HERBICIDE EQUILIBRIA OF LATOSOLIC SOIL ...Atrazine; Hawaii; Microorganism-see Cell. Catab.; Pesticide Interaction With Env; Soil Chemical Properties; ...4.0101

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Chemical Analysis; Growth Substances; Metabolism of Algacides; Pesticide Degradation -see Deg; Plant Growth Regulators -se.; Soil Ecology; Soil Microbiology; Triazines -nonspecific; ...4.0139

FATE OF HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); Avena Sativa; Cotoran; D, 2,4-; Environment Accumulation Rates; Hordeum Vulgare; Linuron; Monuron; Pesticide Action on Plants; Pesticides -other; Simazine; Transpiration and Evap; Zea Mays - Field Corn; ...4.0144

TRANSLOCATION AND DEGRADATION OF HERBICIDES IN PLANTS ...Benefin; Bensulide; Diphenamid; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Plant Absorption - other; ...4.0188

MICROBIAL DEGRADATION OF PESTICIDES ...Bacilli -nonspecific; Cyclodiene Cpds. -nonspecific; Dieldrin; Microorganism-see Cell. Catab.; Pesticide Persistance in Soils; Pseudomonas; ...4.0198

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Absorption (incl. Adsorption); D, 2,4-; Herbicides and Other Chem; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Prometone; Zea Mays - Field Corn; ...4.0204

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0205

COMPARATIVE BIOCHEMISTRY OF HERBICIDES ...Enzymes; Herbicides -nonspecific; Herbicides and Other Chem; Pesticide Toxicity in Humans; ...4.0225

PESTICIDE RESIDUES IN PLANTS ANIMALS AND SOILS ...Carbamates -nonspecific; Fungicides -nonspecific; Pesticide Phytotoxicity; Pesticide Residue Analysis; Sulfur; ...4.0298

FATE AND SIGNIFICANCE OF LABELLED PESTICIDES RESIDUES IN RICE ...Fungicides -nonspecific; Metabolites From Pesticides; Oryzeae; Phosphorus; Sulfur; ...4.0313

PHYSIOLOGICAL AND BIOCHEMICAL MECHANISMS OF SELECTIVITY OF HERBICIDES ...Absorption (incl. Adsorption); Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Movement in Soils; Physiological Resistance; Translocation; ...4.0345

TRANSLOCATION OF HERBICIDES IN NUTGRASS AND JOHNSONGRASS ...Dalapon; High Temp. - 85f Or Above; Pesticide Action on Plants; Plant Absorption -other; Surfactants - Wetting Agents; ...4.0377

PESTICIDE INTERACTIONS - INFLUENCE ON PLANT GROWTH AND MECHANISMS OF TOXICITY AND DETOXICATION ...Carbamates -nonspecific; Pesticide Action on Plants; Pesticide Phytotoxicity; Temperature - Air; Urea Cpds. -nonspecific; ...4.0427

INFLUENCE OF PESTICIDE CHEMICALS ON THE APPLE ...Absorption (incl. Adsorption); Captan; Chlorophyll; Dieldrin; Metabolites From Pesticides; Photosynthesis; Respiration; Translocation; ...4.0443

TRANSFORMATION OF INSECTICIDES BY PLANTS ...Chemical Analysis; Dieldrin; Pesticide Action on Plants; Pesticide in Food Chains; Phaseolus; Plant; Sevin; ...4.0467

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Bioassay; IAA; Pesticide Evaluation; Pesticide Interaction With Env; Pesticide Volatility; Plant Absorption - other; ...4.0508

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Aquatic Plants -nonspecific; Endrin; Environmental Physiology; Fish; Pesticide Action on Animals; Soil Types -also See Specifics; ...4.0532

METABOLISM OF CARBAMATE PESTICIDES ...Bayer 44646; Laboratory Animals; Muridae; Pesticide Toxicity in Humans; Zectran; ...4.0560

PHYSIOLOGY OF ESTUARINE ORGANISMS ...Estuaries; Hippolyte; Invertebrate Physiology; Marine Animals; Pesticides -see Pesticide; ...4.0591

STUDY OF HERBICIDES SELECTIVITY USING INTRA-SPECIES PLANT INDICATORS ...Absorption (incl. Adsorption); Mineral Nutrition; Pesticide Phytotoxicity; Photosynthesis; Respiration; Tok; ...4.0614

OXIDATIVE DEALKYLATION OF INSECTICIDES ...Bidrin; Chlorine; Laboratory Animals; Muridae; Pesticide Formulation; ...4.0650

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Animal Productivity; Contamination - Water; DDT; Fish; Pesticide Action on Animals; Pesticide in Food Chains; ...4.0715

2,4-D UPTAKE AND METABOLISM - METABOLISM OF PESTICIDES IN FISH ...Carassius Auratus; D, 2,4-; Ictalurus Punctatus; Laboratory Animals; Salmo Gairdneri; ...4.0728

UPTAKE AND METABOLISM BY FISH OF 2,4-D DIMETHYL AMINE SALT ...D, 2,4-; Ictalurus Punctatus; Pesticide Formulation; Salmo Gairdneri; ...4.0730

METABOLISM OF PESTICIDAL SYNERGISTS ...Feces; Metabolites From Pesticides; Pesticide Action on Animals; Toxicology; ...4.0790

METABOLIC FATE OF AGRICULTURAL CHEMICALS IN POULTRY ...Chemical Analysis; Domestic Animals; Gallus Domesticus; Metabolites From Pesticides; Pesticide Action on Animals; Residues in Foods; Sevin; ...4.0804

METABOLISM OF HEXACHLOROPHENE, A POTENTIAL INTOXICANT ...Canidae; Disinfection; Feces; Hexachlorophene; Muridae; Toxicology; Urine; ...4.0818

ORGANIC MERCURIAL FUNGICIDES AND METABOLISM ...Isotope Tracer -see Tracers; Mercury; Metal Organics -nonspecific; Pesticide Action on Animals; PMA; ...4.0820

SELECTIVITY AND MODE OF ACTION OF HERBICIDAL CHEMICALS ...Atrazine; D, 2,4-; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Absorption -other; ...4.0834

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; Cell Injury and Autolysis; D, 2,4-; Dicamba; Herbicides and Other Chem; Pesticide Action on Plants; Phaseolus; Propachlor; Translocation; ...4.0875

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...DDT; Domestic Animals; Muridae; Pesticide Residues; ...4.0883

OXIDATIVE DEALKYLATION OF PESTICIDES ...Bidrin; Chemical Degradation; Dieldrin; Laboratory Animals; Muridae; Phosphamidon; ...4.0958

BIOASSAY OF SUCKER CONTROL CHEMICALS AND PESTICIDE RESIDUE ON LEAF TOBACCO ...Bioassay; Maleic Hydrazide; Nicotiana; Pesticide Residues; Tobacco Products &/or Smoking; Tween-80 -see Surfactants; ...4.0968

INSECTICIDAL RESIDUES ...Diazinon; Medicago; Methoxychlor; Pesticide Application Rates; Pesticide Persistance in Soils; Plant; Soil Microbiology; ...4.0985

SWEET CLOVER TOXICITY AND CHEMICAL AND PHYSIOLOGICAL STUDIES ON DICUMAROL AND WARFARIN ...Animal Pharmacology; Chemical Analysis; Laboratory Animals; Muridae; Pesticide Action on Animals; Warfarin; ...4.0996

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bioassay; Developmental Physiology; Genetic Resistance; Hydrogen; Organophosphorous Cpds.; Pesticide Action on Plants; Pyrethrum; ...4.0999

DEVELOPMENT OF TECHNIQUES FOR IDENTIFICATION OF PESTICIDES AND THEIR METABOLITES BY MASS SPECTROMETRY ...Chemical Analysis (water); Insecticides -non-specific; Mass Spectroscopy; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.1086

GASTROINTESTINAL ABSORPTION OF AGRICULTURAL CHEMICALS IN ANIMALS ...Animal; Domestic Animals; Mca-600; Sevin; ...4.1098

METABOLIC FATE OF PESTICIDES IN ANIMALS ...Animal; Capra; Feces; Mca-600; Ovis; Pesticide Application Rates; Urine; ...4.1100

EFFECT OF RADIATION ON THYROID PROTEIN BIOSYNTHESIS ...Adenosine Triphosphate; Biochemical Analysis - Tissues; Cellular Biosynthesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0091

METABOLIC WARD ...Biochemical Analysis - Tissues; Disaster; Occupational Hazards; Radiation Injury Prevention; Urine; ...5.0112

AGING OF BIOLOGICAL SYSTEMS IN SPACE MISSIONS ...Aging; Aldehydes -nonspecific; Muridae; Radiation Effects - Biological; Stressors, Physiological; Ultra Violet Radiation; X and Gamma Rays; ...5.0184

ABILITY OF ISOLATED KUPFFER CELLS TO POPULATE EXPERIMENTAL GRANULOMAS AND IRRADIATED BONE MARROW ...Antibiotics -nonspecific; Colloids; Muridae; Radiation Injury Prevention; Radiation, Whole Body; X and Gamma Rays; ...5.0205

A QUANTITATIVE STUDY OF THE MUTAGENIC EFFECT OF TRANSMUTATION IN DROSOPHILA & THE HONEY BEE ...Lethal Mutation; Mutation Types -other; Physical Mutagenesis; Radiologic Health; Rate of Mutation; ...5.0339

MUTAGENIC EFFECT OF TRANSMUTATION FROM RADIONUCLIDES INCORPORATED INTO DNA OF DROSOPHILA MELANOGASTER ...Beta Particles; Invertebrates; Lethal Mutation; Phosphorus; ...5.0340

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Digestive System - Human; Freezing; Muridae; Photochemical Reactions; Radiation; Radiation Effects - Biological; Urine; ...5.0373

RADIATION EFFECTS ON NUCLEIC ACIDS AND PROTECTION ...Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Radiation Injury Prevention; X and Gamma Rays; ...5.0379

BINDING OF RADIOACTIVITY TO RAT LIVER NUCLEIC ACIDS IN VIVO AFTER ADMINISTRATION OF AAF-9-C-14 OR N-HYDROXY-AAF-9-C-14 ...Digestive System - Human; Muridae; ...5.0622

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION ...Cellular Biosynthesis; Cellular Metabolism - Controls; Radiation; Radiation Effects - Biological; Rate of Reaction; Ultra Violet Radiation; ...5.0687

BIOCHEMICAL EFFECTS OF RADIATION ON INTACT HUMAN SKIN INCUBATED IN VITRO ...Cellular Biosynthesis; Radiation Effects - Biological; Ultra Violet Radiation; Ultraviolet Spectroscopy; ...5.0692

DEOXYCYTIDINE LEVELS IN URINE AND PLASMA AS AN INDEX OF IONIZING RADIATION DOSE ...Biochemical Analysis - Tissues; Biological Dosimetry; Hydrogen; Muridae; Urine; ...5.0711

COLUMBIA RIVER STUDIES, 1970-1971 ...Atomic Plants; Columbia River; Energy Conversion; Ionizing Radiation -see Rad.; Ostreidae (oyster); Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...5.0762

DEVELOPMENT STUDIES IN LOW LEVEL RADIOCHEMICAL ANALYSES AND TRACE STABLE ELEMENTS IN BIOLOGICAL AND ENVIRONMENTAL MATERIALS ...Air Pollution - see Specifics; Hydrogen; Plutonium; Radiation, Low Level; Radiologic Health; Water Pollution -see Specifics; ...5.0883

Cerium

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

THE METABOLISM OF THE RARE EARTHS FOLLOWING INHALATION - PATHOLOGIC AND BIOCHEMICAL RESPONSE IN THE LUNG AND OTHER ORGANS ...Aerosols; Environmental Effects - Human; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Thulium; Ytterbium; ...5.0049

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

METABOLISM AND TOXICITY OF FISSION PRODUCTS IN DOGS ...Canidae; Cesium; Cobalt; Iodine; Radiation Carcinogenesis; Radiation, Whole Body; X and Gamma Rays; ...5.0284

BIOLOGY OF THE EASTERN CHIPMUNK, TAMIAS STRIATUS ...Animal Productivity; Elevation Levels, Altitude; Population Dynamics -general; Sciuridae; Vertebrates Excl. Man; ...5.0375

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS ...Absorption (incl. Adsorption); Calcium; Cellular Biosynthesis; Ion Transport and Elect. Pot.; Mineral Nutrition; Passive Transport, Diffusion; Radioactive Fallout-cf Fallout; Soil Temp. -non-specific; Zinc; ...5.0409

TOXICITY OF 144CE INHALED IN FUSED CLAY BY THE BEAGLE DOG ...Aerosols; Body Isotope Burden; Microorganisms -nonspecific; Respiratory Irritants, Inhaled; ...5.0426

DISTRIBUTION AND EXCRETION OF 137 CS INHALED IN FUSED CLAY PARTICLES BY THE DOG ...Aerosols; Fission Products-see Radioact.; Radiation Injury Prevention; Radioactive Isotopes; Strontium; ...5.0429

TOXICITY OF INHALED CE144 CHLORIDE TO THE BEAGLE DOG ...Canidae; Digestive System - Human; Respiratory Irritants, Inhaled; ...5.0431

CHROMOSOME ABERRATIONS PRODUCED BY INTERNALLY DEPOSITED RADIOACTIVE MATERIALS IN THE CHINESE HAMSTER ...Alpha Particles; Beta Particles; Cellular Model Systems; Digestive System - Human; Radiation Injury Prevention; Strontium; ...5.0433

INITIAL DEPOSITION OF RADIONUCLIDE-CONTAINING PARTICLES IN THE LUNGS OF BEAGLE DOGS ...Aerosols; Ceramics; Inspection and Control, Medical, Dental Materials; Yttrium; ...5.0434

THE EFFECT OF THE INHALATION OF RADIONUCLIDES IN 'INSOLUBLE' FORMS ON THE FATE OF INHALED BACTERIA IN MICE ...Aerosols; Bacterial Population Surveys; Microorganisms; Proteus -nonspecific; Staphylococcus Aureus; Stressors, Physiological; Yttrium; ...5.0439

METABOLISM AND DOSIMETRY OF Y91 INHALED AS FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Canidae; Feces; Respiratory Irritants, Inhaled; Yttrium; ...5.0441

THERAPY FOR INHALED RADIONUCLIDES ...Canidae; Chelation & Complexing; Niobium; Radiation Effects - Biological; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0443

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Aerosols; Barium; Fission Products-see Radioact.; Praseodymium; Radioactivity; Strontium; Yttrium; ...5.0446

GENERATION OF MONODISPERSE AEROSOLS OF INSOLUBLE FORMS FOR USE IN INHALATION EXPOSURES ...Aerosols; Body Isotope Burden; Chelation & Complexing; Electrical Phenomena; Fission Products-see Radioact.; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0448

PHASE I - FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS - FISSION PRODUCT STUDIES ...Bos; Cesium; Radioactive Fallout-cf Fallout; Strontium; ...5.0566

METABOLISM AND EFFECTS OF RADIONUCLIDES IN FETUS AND YOUNG ...Developmental Physiology; Muridae; Plutonium; Radiation Injury Prevention; Zinc; ...5.0744

Cesium

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - SUBPROJECT I - DETAILED EXPLORATION OF CS-137 AND CS-133 IN THE OCEAN ...Atmospheric Dynamics; Marine Environments; Ocean Circulation -general; Pacific Ocean; Radioactivity; Sea Water Mass & Ocean Fronts; Trace Elements; ...2.0050

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Activation Analysis; Fish; Marine Animals; Radioactive Fallout; Radioactivity; Sea Water Sampling; Zinc; ...2.0051

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Animal Productivity; Aquatic Ecology - Animal; Copper; Invertebrate Physiology; Phosphorus; Potassium; Temperature (water); Zinc; ...2.0201

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water, Radioactivity; Zinc; ...2.0705

TERRESTRIAL ECOLOGY ...Plant Food Chains; Radioisotopes - nonspecific; Rain; Rain Forests, Soil Chemical Properties; ...2.0768

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Energy Conversion; Flume Studies; Model Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

EFFECTS OF LIMNOLOGICAL FACTORS ON UPTAKE OF 137CS BY FISH ...Acidity (water); Analysis of Variance; Aquatic Ecology - Animal; Chemical Analysis (water); Lakes; Organic Water Properties; Regression Analysis; ...2.1593

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds, Polar Regions; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Adsorption Capacity; Composition Controls; Diffraction; Ion Exchange; Mineralogy; Soil Chemical Properties; Soil Chemistry; X-ray Spectroscopy; ...5.0025

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Air - Water - Plant Relations; Environmental Ecology; Food Contamination, Pollution Effects -see Water, Radioactive Contamination; Radiologic Health; Soil Chemical Properties; ...5.0031

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Contamination - Water; Cyprinidae; Energy Budgets; Plant Ecology - nonspecific; Radioactive Fallout; Reactor Sites & Rad Waste; Strontium; ...5.0038

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - II. MOVEMENT OF RADIONUCLIDE IONS IN SOILS ...Absorption (incl. Adsorption); Mathematical Models; Radioisotopes; Soil Chemical Properties; Strontium; ...5.0039

PREDICTION OF TOTAL CONSUMPTION OF FALLOUT RADIONUCLIDES BY HUMANS FROM MILK (ABBREV) ...Food Contamination; Iodine; Mathematical Models; Nuclear Warfare; Radiologic Health; Radiologic Warfare; Strontium; ...5.0055

RADIOACTIVITY AND TRACE ELEMENTS IN HUMAN BONE AND DIET ...Food Contamination; Radiation Effects - Biological; Radiologic Health; Radium; Strontium; ...5.0057

UPTAKE OF RADIACTIVE MATERIALS THROUGH FOOD CHAINS ...Animal Productivity; Food Contamination; Iodine; Strontium; Yttrium; ...5.0066

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Environmental Ecology; Invertebrate Physiology; Plant Ecology -nonspecific; Plant Freshwater Ecology, Productivity of Freshwater; Radioactive Pollution -ns; Ruthenium; ...5.0069

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropoda; Calcium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

ENVIRONMENTAL EFFECTS ON THE CONTENT OF CS137 IN MILK ...Air Pollution -see Specifics, Deposition-general; Food Contamination; Lakes; Radioactive Fallout; Reservoirs and Impoundments; Strontium; ...5.0081

REMOVING RADIOACTIVE FALLOUT FROM VEGETABLES AND FRUITS DURING PROCESSING ...Fragaria; Plants; Radioactive Contamination; Solanum; Vegetables; ...5.0105

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Beta Particles; Lactuca; Pinus; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; Triticum; Zea Mays - Field Corn; ...5.0106

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Iron; Lead; Manganese; Mercury; Radiation Injury Prevention; Sodium; Thallium; Tungsten; Zinc; ...5.0136

NUCLIDE METABOLISM ...Calcium; Chlorine; Feces; Iron; Mammals -nonspecific; Radiation Injury Prevention; Sodium; Whole Body; ...5.0155

CONTINUOUS GAMMA IRRADIATION OF NATURAL POPULATIONS OF DESERT ANIMALS ...Arid and Desert Regions; Radiation, Lethal Dose; Radioactive Fallout-cf Fallout; Reptiles; Rodentia -other; Vertebrates Excl. Man; X and Gamma Rays; ...5.0160

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic Bomb; Colorado; Grasslands; Ochotonidae; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; X and Gamma Rays; ...5.0211

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Tropical Regions; ...5.0218

AN EVALUATION OF THE FACTORS INVOLVED IN BIOACCUMULATION OF GAMMA EMITTING RADIONUCLIDES IN WILD DEER ...Animal Habitat Studies; Animal Productivity; Canidae; Cricetidae -other; Odocoileus; Passeriformes; X and Gamma Rays; ...5.0257

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation; Bos; Cricetidae -other; Felidae; Forest Environment -general; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Vertebrates Excl. Man; ...5.0258

ECOLOGICAL AND RADIO-ECOLOGICAL INVESTIGATIONS AT THE AEC SAVANNAH RIVER PLANT ...Amphibians; Animal Migration; Aquatic Ecology - Animal; Energy Budgets; Mammals -nonspecific; Radiation Effects - Biological; Reptiles; ...5.0260

RADIATION RESPONSE AND RECOVERY IN SEA URCHIN GAMETES ...Alpha Particles; Cerium; Echinodermata; Invertebrate Physiology; Invertebrates; X and Gamma Rays; ...5.0272

METABOLISM AND TOXICITY OF FISSION PRODUCTS IN DOGS ...Canidae; Cerium; Cobalt; Iodine; Radiation Carcinogenesis; Radiation, Whole Body; X and Gamma Rays; ...5.0284

DISTRIBUTION AND EXCRETION OF 137 CS INHALED IN FUSED CLAY PARTICLES BY THE DOG ...Aerosols; Cerium; Fission Products-see Radioact.; Radiation Injury Prevention; Radioactive Isotopes; Strontium; ...5.0429

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Aerosols; Barium; Cerium; Fission Products-see Radioact.; Praseodymium; Radioactivity - Strontium; Yttrium; ...5.0446

COMPARATIVE METABOLISM OF RADIONUCLIDES BY MAMMALS - FACTORS WHICH ALTER NORMAL METABOLIC PARAMETERS ...Canidae; Monkey; Rodentia - other; Vertebrates Excl. Man; X and Gamma Rays; ...5.0459

FALLOUT CESIUM-137 IN A NORMAL POPULATION ...Food Contamination; Gamma Spectroscopy; Metabolism and Biochemistry; Monitoring Devices; Potassium; Radiologic Health; Whole Body; ...5.0462

CONTROL OF FISSION PRODUCTS INGESTED BY LIVESTOCK ...Bos; Iodine; Livestock -nonspecific; Strontium; Vertebrates Excl. Man; X and Gamma Rays; ...5.0482

THE LONG-TERM TURNOVER OF RADIONUCLIDES IN MAN ...Computer Methods -general; Metabolism & Metab. Diseases; Metabolism and Biochemistry; Radiation Effects - Man; Radiologic Health; Strontium; Zinc; ...5.0521

RECOVERY OF A PINE FOREST FOLLOWING EXPOSURE TO IONIZING RADIATION ...Beta Particles; Dominant Organisms; Pinus Taeda; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0543

PHASE I - FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS - FISSION PRODUCT STUDIES ...Bos; Cerium; Radioactive Fallout-cf Fallout; Strontium; ...5.0566

RENAL PHARMACOLOGY AND TOXICOLOGY OF FALLOUT NUCLIDES ...Arsenic; Lead; Radiologic Health; Toxicology; Zirconium; ...5.0625

RADIOECOLOGICAL EFFECTS OF FALLOUT ...Gramineae - other; Grasslands; Leaching; Plants; Radioactive Fallout-cf Fallout; Runoff (water); Water Cycle; ...5.0629

FATE AND EFFECTS OF RADIONUCLIDES IN ALASKA ...Alaska; Lichenes; Radiation Effects - Biological; Radiologic Health; Strontium; ...5.0736

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Cobalt; Europium; Lichenes; Radiation Resistance -animals; Radiologic Health; Ruthenium; Stibium; Zirconium; ...5.0742

METABOLISM AND EFFECTS OF RADIONUCLIDES IN FETUS AND YOUNG ...Cerium; Developmental Physiology; Muridae; Plutonium; Radiation Injury Prevention; Zinc; ...5.0744

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Mammals -nonspecific; Microorganisms; Picea; Plants; Populus; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0769

RADIOACTIVE TRACER STUDIES OF SOIL AND LITTER ARTHROPOD FOOD CHAINS ...Animal Productivity; Arthropods; Energy Budgets; Pesticide in Food Chains; Radioactive Contamination; ...5.0816

BASAL METABOLIC RATES AND EXCRETION OF RADIONUCLIDES ...Muridae; Radiation Effects - Biological; Radiation Injury Prevention; Whole Body; ...5.0865

FALLOUT CESIUM-137 IN A NORMAL POPULATION ...Body Isotope Burden; Gamma Spectroscopy; Mathematical Models; Radiologic Health; Whole Body; ...5.0666

CONTROL OF ION CONTENT OF CELLS ...Active Transport; Cell Injury and Autolysis; Cellular Model Systems; Ionic Effect; Microorganisms; Potassium; Strontium; Zooplankton; ...5.0886

IN-VIVO MEASUREMENT OF RADIONUCLIDES IN MAN ...Calcium; Metabolism and Biochemistry; Potassium; Radiologic Health; X and Gamma Rays; ...5.0894

IN VIVO MEASUREMENT OF RADIOACTIVE BODY BURDENS IN SELECTED POPULATIONS ...Potassium; Radiation Effects - Man; Radiation, Whole Body; Radiologic Health; X and Gamma Rays; Zinc; ...5.0895

RELATIONSHIP OF PLOIDY, CHROMOSOME SIZE AND RADIOSENSITIVITY ...Cell Injury and Autolysis; Cobalt; Neutron -see Radiation; Pollens -see Air Pollution; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0899

HUMAN CHROMOSOME ABERRATION YIELDS FOLLOWING CHRONIC RADIATION EXPOSURES ...Radiation, Low Level; X and Gamma Rays; ...5.0927

RADIOLOGICAL AND HEALTH PHYSICS - ESTIMATION OF INTERNAL EXPOSURE ...Beta Particles; Digestive System - Human; Hydrogen; Plutonium; Radium; Respiratory Irritants, Inhaled; ...5.0937

Chlorine

BIOCHEMISTRY AND PHYSIOLOGY OF ADIPOSE TISSUE OF MEAT ANIMALS ...Aging; Chemical Analysis; Gamma Spectroscopy; Ovis; Petroleum Cpds. -nonspecific; Sus; ...4.0837

THE CYCLING OF CL-36 LABELED DDT IN NATURAL ECOSYSTEMS ...Contamination -see Air & Water; DDT, Pesticide Residues; Radioisotopes; Tissue Accumulation Rates; ...4.0974

PREPARATION OF CHLORINE-36 LABELED ORGANOCHLORINE PESTICIDES AND RELATED COMPOUNDS (PCB'S) ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Radioisotopes; ...4.1057

CYCLING AND EFFECTS OF CL36 LABELED DDT ON SOIL INVERTEBRATES IN AN OLD FIELD COMMUNITY ...Chemical Analysis; DDT; Invertebrates -nonspecific; Pesticide in Food Chains; Soil Environment -other; ...4.1085

THE ANALYSIS OF NATURAL SYSTEMS ...Absorption (incl. Adsorption); Growth; Mathematical Models; Pesticide in Food Chains; Primary Productivity - Plants; ...5.0082

NUCLIDE METABOLISM ...Calcium; Cesium; Feces; Iron; Mammals -nonspecific; Radiation Injury Prevention; Sodium; Whole Body; ...5.0155

RADIATION DOSE FROM DIAGNOSTIC ISOTOPE PROCEDURES ...Beta Particles; Committee Support; Iodine; Mercury; Selenium; Technetium; ...5.0873

Chromium

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

RADIONUCLIDE CYCLING IN NATURAL POPULATIONS OF AMPHIBIANS ...Amphibians; Aquatic Ecology - Animal; Contamination - Water; Iodine; Manganese; Water Cycle; Zinc; ...2.0331

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Atomic Plants; Columbia River; Energy Conversion; Fish; Periphyton; Phosphorus and Phosphorus Cpds; Water Pollution Sources; Zinc; ...2.0420

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Dieldrin; Iodine; Ms-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

Cobalt

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Activation Analysis; Cesium; Fish; Marine Animals; Radioactive Fallout; Radioactivity; Sea Water Sampling; Zinc; ...2.0051

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Energy Conversion; Flume Studies; Model Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

PESTICIDAL RESIDUES IN FOODS ...Food Contamination; Home Economics; Pesticide in Food Chains; Residues in Foods; ...4.0951

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Carbamates -nonspecific; DDE; Diazinon; Home Economics; Organophosphorous Cpds.; Pesticide Residues; Physical Degradation; TDE; ...4.0963

PHYSIOLOGICAL ECOLOGY STUDIES OF DESERT VEGETATION ...Plant Phenology; Plants; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0014

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Cesium; Environmental Ecology; Invertebrate Physiology; Plant Ecology -nonspecific; Plant Freshwater Ecology; Productivity of Freshwater; Radioactive Pollution -ns; Ruthenium; ...5.0069

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

MAMMALIAN STUDIES WITH ACCELERATORS: GERMFREE RESEARCH ...Cell Injury and Autolysis; Digestive System - Human; Muridae; Protons; Radiation, Radiation Sensitivity -man; Radiation, Lethal Dose; ...5.0124

MAMMALIAN STUDIES WITH ACCELERATORS - WHOLE SKIN HELIUM ION IRRADIATION STUDY ...Injury -animal; Muridae; Radiation Sensitivity -man; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0126

EFFECT OF PROLONGED LOW DOSE RATE CO60 GAMMA RAY EXPOSURE TO BEAGLES ...Canidae; Radiation Effects - Biological; Radiation, Low Level; Radiation, Whole Body; Radium; Strontium; X and Gamma Rays; ...5.0132

XYLEM EXUDATE COMPOSITION AND ITS RELATIONSHIP TO SOLUTE ACCUMULATION AND TRANSPORT ...Absorption (incl. Adsorption); Biological Rhythms; Cell Membrane Permeability; Cellular Metabolism - Controls; Enzymes; Hypothermal; Ionic Effect; Nicotiana; Nucleic Acid Compounds; Phosphorus and Phosphorus Cpds; Radiation Effects -see Rad., ...5.0162

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Bos; Copper; Iodine; Laboratory Animals; Muridae; Radiation Effects; Sus; X and Gamma Rays; ...5.0246

MECHANISM OF DIVALENT ION ABSORPTION ...Arsenic; Gallus Domesticus; Iron; Mercury, Whole Body; Zinc; ...5.0256

METABOLISM AND TOXICITY OF FISSION PRODUCTS IN DOGS ...Canidae; Cerium; Cesium; Iodine; Radiation Carcinogenesis; Radiation, Whole Body; X and Gamma Rays; ...5.0284

EFFECT OF IONIZING RADIATION ON BIOLOGIC HALF-LIFE OF 57COBALT IN THE MOUSE ...Colloids; Muridae; Radiation Dose Studies-general; Technetium; X and Gamma Rays; ...5.0401

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Aerosols; Canidae; Muridae; Radiation Effects - Biological; Radiologic Health; Respiratory Irritants, Inhaled; Stibium; Thulium; ...5.0440

GENERATION OF MONODISPERSE AEROSOLS OF INSOLUBLE FORMS FOR USE IN INHALATION EXPOSURES ...Aerosols; Body Isotope Burden; Chelation & Complexing, Electrical Phenomena, Fission Products-see Radioact.; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0448

INFLUENCE OF HIGH LET RADIATIONS ON DIVISION DELAY AND SURVIVAL OF MAMMALIAN CELLS IN VITRO ...Cancer; Cellular Repair Mechanisms; Ionic Effect; Neutron -see Radiation; Vertebrates Excl. Man; X and Gamma Rays; ...5.0461

LOW-INTENSITY GAMMA-RAY EFFECTS AND RESPONSE CAPABILITY OF MOUSE BONE MARROW ...Injury and Shock; Muridae; Radiation, Low Level; X and Gamma Rays; ...5.0471

IRRADIATION EFFECTS ON DENTAL AND ORAL PROCEDURES ...Healing; Mammals -nonspecific; X and Gamma Rays; ...5.0495

RADIOSENSITIVITY OF ANTIBODY RESPONSES ELICITED WITH COMPLEXES OF ANTIGEN AND ANTIBODY ...Clostridium Tetani; Muridae; Radiation Sensitivity -man; X and Gamma Rays; ...5.0537

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Environmental Ecology; Ionizing Radiation -see Rad., Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

EARLY EFFECTS OF 14 MEV NEUTRON IRRADIATION IN SWINE ...Cell Injury and Autolysis; Injury and Shock; Neutron -see Radiation; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0660

THE EFFECT OF RADIATION ON PRENATAL DEVELOPMENT ...Developmental Physiology; Experimental Teratology; Muridae; Ovis; Sus; X and Gamma Rays; ...5.0674

RADIATION EFFECTS ON MATURE CHICKENS ...Gallus Domesticus; Neutron -see Radiation; Radiation, Lethal Dose; Radioactive Pollution -ns; Vertebrates Excl. Man; X and Gamma Rays; ...5.0680

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Europium; Lichenes; Radiation Resistance -animals; Radiologic Health; Ruthenium; Stibium; Zirconium; ...5.0742

PHYSICAL AND BIOLOGICAL INVESTIGATIONS OF HIGH ENERGY RADIATION DIRECTED MAINLY TOWARD THERAPY ...Beta Particles; Cancer; Computer Methods -general; Facilities; Radiation Effects - Biological; Radiation Shielding; X and Gamma Rays; ...5.0833

EVALUATION OF THERMOLUMINESCENT DOSIMETERS AS A HEALTH PHYSICS TOOL ...Cancer; Dosimetry; Occupational Hazards; Radiologic Health; X and Gamma Rays; ...5.0846

RELATIONSHIP OF PLOIDY, CHROMOSOME SIZE AND RADIOSENSITIVITY ...Cell Injury and Autolysis; Neutron -see Radiation; Pollens -see Air Pollution; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0899

WHOLE BODY RETENTION AND DISTRIBUTION MEASUREMENT OF RADIOISOTOPES IN MAN ...Computer Methods - general; Information Systems; Iodine; Models (physical) of Anim.&man; Strontium; ...5.0943

Copper

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Animal Productivity; Aquatic Ecology - Animal; Cesium; Invertebrate Physiology; Phosphorus; Potassium; Temperature (water); Zinc; ...2.0201

NUCLIDE METABOLISM ...Calcium; Cesium; Chlorine; Feces; Iron; Mammals -nonspecific; Radiation Injury Prevention; Sodium; Whole Body; ...5.0155

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Bos; Iodine; Laboratory Animals; Muridae; Radiation Effects; Sus; X and Gamma Rays; ...5.0246

Curium

RADIATION RESPONSE AND RECOVERY IN SEA URCHIN GAMETES ...Alpha Particles; Cesium; Echinodermata; Invertebrate Physiology; Invertebrates; X and Gamma Rays; ...5.0272

RADIATION DOSE PATTERNS ASSOCIATED WITH INHALATION OF ALPHA-EMITTING RADIONUCLIDES BY THE BEAGLE DOG ...Aerosols; Canidae; Digestive System - Human; Occupational Hazards; Radiologic Health; ...5.0432

DOSE-RESPONSE RELATIONSHIPS FOR INHALED ALPHA-EMITTING RADIONUCLIDES ...Alpha Particles; Americum; Canidae; Injury and Shock; Plutonium; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0449

INHALATION STUDIES - KINETICS AND DOSIMETRY STUDIES ...Aerosols; Americum; Muridae; Promethium; ...5.0959

Europium

THE METABOLISM OF THE RARE EARTHS FOLLOWING INHALATION - PATHOLOGIC AND BIOCHEMICAL RESPONSE IN THE LUNG AND OTHER ORGANS ...Aerosols; Environmental Effects - Human; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Thulium; Ytterbium; ...5.0049

BIOLOGIC AND PHYSICAL ASPECTS OF AIRBORNE AGENTS ...Canidae; Injury and Shock; Lutecium; Monkey; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Uranium; ...5.0502

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Cobalt; Lichenes; Radiation Resistance -animals; Radiologic Health; Ruthenium; Stibium; Zirconium; ...5.0742

Gallium

RADIOBIOLOGY AND NEOPLASIA - MORPHOLOGIC ASPECTS - HISTOPATHOLOGIC STUDIES ...Cancer; Injury and Shock; Radiation Effects - Biological; Whole Body; ...5.0627

Germanium

BIOLOGICAL AVAILABILITY TO DAIRY PRODUCTS OF MAN-MADE RADIONUCLIDES ...Bos; Food Contamination; Hydrogen; Radiation Injury Prevention; Sodium; ...5.0011

Gold

STUDIES ON HAZARDS OF THE TRANSPLUTONIUM ELEMENTS ...Actinium A C; Body Isotope Burden; Colloids; Muridae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0117

Hydrogen

DYNAMICS OF THE NITROGEN CYCLE IN LAKES ...Algal Physiology, Analysis and Detection; Denitrification -see Nitrogen; Eutrophication; Nitrogen and Nitrogen Cpds.; Nitrogen Cycle -see Denitrif.; Plant Productivity -general; Sub - Polar Regions; ...2.0009

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering -geologic; ...2.0566

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Freezing & Below; Low Temp. - But Above 32f; Pinus -nonspecific; Radioisotopes; Soil Moisture; Sprinkler Irrigation; Transpiration and Evap; ...2.1001

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

MECHANISMS OF PLANT GROWTH REGULATION ...Avena Sativa; Growth Substances; Pesticide Phytotoxicity; Respiration; Ultra Violet Radiation; ...4.0461

SELECTIVITY AND MODE OF ACTION OF HERBICIDAL CHEMICALS ...Atrazine; D, 2,4-; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Absorption -other; ...4.0834

DEVELOPMENT AND APPLICATION OF QUANTITATIVE CELL CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Bioassays; Cellular Viability; Physiological Effects; Water Pollutant Identification; Zinc; ...4.0840

FUNDAMENTAL BIOCHEMICAL AND BIOPHYSICAL MECHANISMS INVOLVED IN HERBICIDAL ACTION ...Allium; Cell Injury and Autolysis; D, 2,4-; Dicamba; Herbicides and Other Chem; Pesticide Action on Plants; Phaseolus; Propachlor; Translocation; ...4.0875

RADIOTRACER STUDIES ON THE MECHANISM OF INSECTICIDAL TOXICITY ...Bioassay; Carbon; Developmental Physiology; Genetic Resistance; Organophosphorous Cpds.; Pesticide Action on Plants; Pyrethrum; ...4.0999

DEVELOP MICROANALYSES FOR DETECTION OF HERBICIDES AND METABOLITES IN PLANT TISSUE ...Atrazine; Chemical Analysis; D, 2,4-; Diuron; Pesticide Action on Plants; Phaseolus; Plant; ...4.1105

ECOLOGICAL STUDIES OF RADIONUCLIDES IN ECOSYSTEMS AT NUCLEAR DETONATION SITES ...Plant Ecology -nonspecific; Pollution Effects -see Water; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioecology - Plants; Transpiration and Evap; ...5.0008

THE STUDY OF THE LIFE HISTORY OF RADIONUCLIDES RELEASED INTO A MARINE AND TERRESTRIAL ECOSYSTEM AT THE SITE OF A SMALL BOILING-WATER REACTOR ...Atomic Plants; Marine Biology - General; Model Studies; Reactor Sites & Rad Waste; Water Cycle; ...5.0010

BIOLOGICAL AVAILABILITY TO DAIRY PRODUCTS OF MAN-MADE RADIONUCLIDES ...Food Contamination; Germanium; Radiation Injury Prevent...; Sodium; ...5.0011

BIO-ENVIRONMENTAL STUDIES ...Water Analysis; Animal Productivity; Contamination - Water; Food Contamination; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

EXPERIMENTAL RADIONUCLIDE STUDIES ...Krypton; Plutonium; Radiation Dose Studies-general; Radiation, Low Level; Radioactive Fallout-cf Fallout; Strontium ...5.0045

RADIATION PATHWAYS STUDIES ...Environmental Aspects; Iodine; Nuclear Detonations; Radiation Injury Prevention; Radioactivity, Recovery - Production; Zinc; ...5.0061

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americum; Atomic Plants; Environment; Krypton; Mammals - nonspecific; Radioactive Pollution -ns; River Basins; Water Pollutants - Path of; ...5.0073

THE MOVEMENT OF TRITIUM IN SOIL-WATER SYSTEMS ...Iodine; Soil Analysis; Soil Moisture; Water Pollution Sources; ...5.0078

EFFECTS OF LOW DOSES OF IONIZING RADIATION ON NUCLEIC ACID STRUCTURE AND FUNCTION ...Radiation Chemistry -biophys.; Radiation, Low Level; Rodentia -other; ...5.0140

METABOLISM OF HYDROGEN ISOTOPES ...Food Contamination; Mammals -nonspecific; Radiation Injury Prevention; Radiologic Health; Water Pollution -see Specifics; ...5.0141

SEQUENTIAL STUDY OF ULTRASTRUCTURAL CHANGES IN EXPERIMENTAL RADIATION HEART DISEASE ...Injury and Shock; Rabbits; Radiation Effects - Biological; X and Gamma Rays; ...5.0172

ULTRA-HIGH DOSE RATE RADIOBIOLOGY ...Animal Productivity; Muridae; Pollution Effects -see Water; Radioactive Pollution -ns; Radioecology - Plants; ...5.0181

TOXICITY OF TRITIUM-LABELED COMPOUNDS ...Beta Particles; Cell Membrane Permeability; Cellular Catabolism-see Degrad; Radiation; Reactor Sites & Rad Waste; ...5.0280

LOW-LEVEL X-IRRADIATION OF THE BRAIN DURING DEVELOPMENT - MORPHOLOGICAL, PHYSIOLOGICAL AND BEHAVIORAL CONSEQUENCES ...Exercise; Muridae; Psychology; ...5.0320

RADIONUCLIDES IN THE STUDY OF BODY COMPOSITION AND THYROID DISEASE ...Beta Particles; Iodine; ...5.0326

MORPHOLOGICAL AND HISTOCHEMICAL CHANGES IN BONE CELLS AFTER IRRADIATION - A LIGHT AND ELECTRON MICROSCOPIC STUDY ...Calcium; Cell Injury and Autolysis; Plutonium; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0350

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Isotope Tracer -see Tracers; Kinetics; Mass Spectroscopy; Polymerization; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0353

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology; Fish; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLET AND X-IRRADIATION DAMAGE ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Repair Mechanisms; Haemophilus Sp; Mutagenesis - nonspecific; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0455

CELL KINETICS OF IRRADIATED SKIN ...Biological Basis; Radiation; X and Gamma Rays; ...5.0479

EFFECTS OF H3 THYMIDINE AS A DNA LABEL IN THE RAT LIVER ...Cellular Biosynthesis; Digestive System - Human; Muridae; Radiation; Radiation Sensitivity -man; ...5.0489

INACTIVATION OF ENZYMES BY IONIZING RADIATION ...Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0490

EFFECT OF RADIATION ON PROTEINS AND RELATED COMPOUNDS ...Aging; Mammals -nonspecific; Radiation Chemistry - biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0498

INFLUENCE OF PHYSICAL STATE OF CHROMATIN ON NUCLEIC ACID & PROTEIN SYNTHESIS & ON RADIATION SENSITIVITY OF CELL DIVISION ...Cellular Biosynthesis; Radiation; Radiation Sensitivity -man; Radiation Sources -general; ...5.0683

RADIATION RESPONSE OF IN VITRO MAMMALIAN CELLS ...Cancer; Cellular Model Systems; Cellular Viability; Ionizing Radiation -see Rad.; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0693

DEOXYCYTIDINE LEVELS IN URINE AND PLASMA AS AN INDEX OF IONIZING RADIATION DOSE ...Biochemical Analysis - Tissues; Biological Dosimetry; Carbon; Muridae; Urine; ...5.0711

STUDIES ON THE EFFECT OF X-RAYS ON DNA SYNTHESIS IN POLYTENE CHROMOSOMES ...Cellular Biosynthesis; Cellular Metabolism - Controls; Cellular Repair Mechanisms; Invertebrates; Physical Mutagenesis; Ultra Violet Radiation; X and Gamma Rays; ...5.0765

QUANTITATION OF LOW LEVELS OF TRITIUM IN BIOLOGICAL AND ENVIRONMENTAL MATERIAL ...Air Pollution -see Specifics; Electrochemistry; Radioactive Hazard; Radioactive Isotopes; Radiologic Health; Scintillation Counting; ...5.0782

DEVELOPMENT STUDIES IN LOW LEVEL RADIOCHEMICAL ANALYSES AND TRACE STABLE ELEMENTS IN BIOLOGICAL AND ENVIRONMENTAL MATERIALS ...Air Pollution - see Specifics; Carbon; Plutonium; Radiation, Low Level; Radiologic Health; Water Pollution -see Specifics; ...5.0883

A COMPREHENSIVE APPROACH TO MAJOR FACTORS DETERMINING RADIOSENSITIVITY ...Invertebrates; Microorganisms; Plants; Radiation; Radiation Sensitivity -man; Radiation Sources -general; Vertebrates Excl. Man; ...5.0898

RADIOLOGICAL AND HEALTH PHYSICS - ESTIMATION OF INTERNAL EXPOSURE ...Beta Particles; Digestive System - Human; Plutonium; Radium; Respiratory Irritants Inhaled; ...5.0937

Iodine

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects -see Water; Water Pollution Sources; Zinc; ...2.0280

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Ms-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

72-HR THYROIDAL I125 UPTAKE IN IMMATURE CHANNEL CATFISH FOLLOWING EXPOSURE TO 5 DOSES OF SELECTED TOXICANTS (ABBREV.) ...Chlorinated Hydrocarbons; Ictalurus Punctatus; Pesticide Evaluation; Polychlorinated Biphenyl Cpds.; ...4.0700

CONTROLLED ENVIRONMENTAL RELEASE TEST (CERT) PROGRAM ...Air Pollution -see Specifics; Animal Productivity; Food Contamination; Radiologic Health; ...5.0035

PREDICTION OF TOTAL CONSUMPTION OF FALLOUT RADIONUCLIDES BY HUMANS FROM MILK (ABBREV) ...Cesium; Food Contamination; Mathematical Models; Nuclear Warfare; Radiologic Health; Radiologic Warfare; Strontium; ...5.0055

RADIATION PATHWAYS STUDIES ...Environmental Aspects; Hydrogen; Nuclear Detonations; Radiation Injury Prevention; Radioactivity; Recovery - Production; Zinc; ...5.0061

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

ASSESSMENT OF THE HAZARD OF FALLOUT RADIOIODINES ...Fallout -see Radioactive; Radioactive Fallout-cf Fallout; Radioactive Hazard; Radioactive Isotopes; Radiologic Health; ...5.0127

RELATIVE EFFECTIVENESS OF X-IRRADIATION AND RADIOIODINES ON THYROID FUNCTION ...Canidae; X and Gamma Rays; ...5.0129

METABOLISM OF NUCLEAR DEBRIS IN THE DOG AND THE PIG ...Capra; Molybdenum; Radiologic Health; Ruthenium; Sus; Tellurium; Tungsten, ...5.0137

LATE EFFECTS OF RADIATION IN MAMMALS ...Mammals - nonspecific; Radiation Chemistry -biophys.; Radiation, Lethal Dose; Radiation, Whole Body; Radiologic Health; Toxic Substances; X and Gamma Rays; ...5.0149

NUCLIDE METABOLISM ...Calcium; Cesium; Chlorine; Feces; Iron; Mammals -nonspecific; Radiation Injury Prevention; Sodium; Whole Body; ...5.0155

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic Bomb; Colorado; Grasslands; Ochotonidae; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; X and Gamma Rays; ...5.0211

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Bos; Copper; Laboratory Animals; Muridae; Radiation Effects; Sus; X and Gamma Rays; ...5.0246

METABOLISM AND TOXICITY OF FISSION PRODUCTS IN DOGS ...Canidae; Cerium; Cesium; Cobalt; Radiation Carcinogenesis; Radiation, Whole Body; X and Gamma Rays; ...5.0284

RADIONUCLIDES IN THE STUDY OF BODY COMPOSITION AND THYROID DISEASE ...Beta Particles; Hydrogen; ...5.0326

HUMAN RADIATION STUDIES ...Atomic Bomb; Nevada; Radiation Dose Studies-general; Radiation Sensitivity -man; Respiratory Disease; ...5.0372

CONTROL OF FISSION PRODUCTS INGESTED BY LIVESTOCK ...Bos; Cesium; Livestock -nonspecific; Strontium; Vertebrates Excl. Man; X and Gamma Rays; ...5.0482

PHYSIOLOGIC DECREMENTS OF ELECTROMAGNETIC RADIATION EXPOSURE ...Bioassays; Biochemical Analysis - Tissues; Canidae; Muridae; Radiation Carcinogenesis; X and Gamma Rays; ...5.0503

MEDICAL STUDIES OF THE PEOPLE OF THE MARSHALL ISLANDS ACCIDENTALLY EXPOSED TO FALLOUT ...Injury and Shock; Radiation Carcinogenesis; Radiation Effects - Biological; Radiologic Health; ...5.0523

RADIOIODINE AND LARGE ANIMALS ...Bos; Radiation Dose Studies-general; Radiation Effects; Vertebrates Excl. Man; ...5.0671

METABOLISM AND EFFECTS OF RADIONUCLIDES IN FETUS AND YOUNG ...Cerium; Developmental Physiology; Muridae; Plutonium; Radiation Injury Prevention; Zinc; ...5.0744

EFFECTS OF RADIOIODINE IN SHEEP AND SWINE ...Ovis; Sus; Vertebrates Excl. Man; ...5.0746

ANALYSIS OF RADIONUCLIDE PRODUCTION FOR PREDICTION OF UPTAKE AND DOSES FROM RELEASE OF RADIONUCLIDES ...Food Contamination; Radiation Injury Prevention; Radiation, Whole Body; Radiologic Health; ...5.0783

RADIATION LEVELS FROM RADIOISOTOPE THERAPY PATIENTS ...Radiation Injury Prevention; ...5.0817

RADIATION DOSE FROM DIAGNOSTIC ISOTOPE PROCEDURES ...Beta Particles; Chlorine; Committee Support; Mercury; Selenium; Technetium; ...5.0873

STUDIES IN IODINE METABOLISM ...Australia; British Isles; Digestive System - Human; Japan; Radiation Effects - Biological; Radiologic Health; ...5.0920

RADIOLOGICAL AND HEALTH PHYSICS - ESTIMATION OF INTERNAL EXPOSURE ...Beta Particles; Digestive System - Human; Hydrogen; Plutonium; Radium; Respiratory Irritants, Inhaled; ...5.0937

WHOLE BODY RETENTION AND DISTRIBUTION MEASUREMENT OF RADIOISOTOPES IN MAN ...Cobalt; Computer Methods -general; Information Systems; Models (physical) of Anim.&man; Strontium; ...5.0943

Iron

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Animal Productivity; Aquatic Ecology - Animal; Cesium; Copper; Invertebrate Physiology; Phosphorus; Potassium; Temperature (water); Zinc; ...2.0201

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Marine Biology - General; Ostreidae (oyster); Pollution Effects - see Water; Water Pollution Sources; Zinc; ...2.0280

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Estuaries; Fish; Marine Animals; Pollution Effects - see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

RADIONUCLIDE CYCLING IN NATURAL POPULATIONS OF AMPHIBIANS ...Amphibians; Aquatic Ecology - Animal; Contamination - Water; Iodine; Manganese; Water Cycle; Zinc; ...2.0331

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

WASTE COMPOSTS AS CHELATING AGENTS IN PLANT NUTRITION ...Absorption (incl. Adsorption); Chromatography; Mineral Nutrition; Soil - Crop Relationships; Waste Disposal on Soils; Zinc; ...3.0091

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Environmental Effects - Human; Finland; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

RADIATION PATHWAYS STUDIES ...Environmental Aspects; Hydrogen; Iodine; Nuclear Detonations; Radiation Injury Prevention; Radioactivity; Recovery - Production; Zinc; ...5.0061

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

IRON-55 AND LEAD IN THE HUMAN POPULATION OF THE WORLD ...Animal Productivity; Food Contamination; Health & Geographic Factors; Lead; Radiologic Health; ...5.0084

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Lead; Manganese; Mercury; Radiation Injury Prevention; Sodium; Thallium; Tungsten; Zinc; ...5.0136

NUCLIDE METABOLISM ...Calcium; Cesium; Chlorine; Feces; Mammals -nonspecific; Radiation Injury Prevention; Sodium; Whole Body; ...5.0155

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS

...Bos; Copper; Iodine; Laboratory Animals; Muridae; Radiation Effects; Sus; X and Gamma Rays; ...5.0246

MECHANISM OF DIVALENT ION ABSORPTION ...Arsenic; Cobalt; Gallus Domesticus; Mercury; Whole Body; Zinc; ...5.0256

SPECIES COMPARISON OF THE ACUTE IRRADIATION SYNDROME ...Injury -animal; Ovis; Radiation, Lethal Dose; Sus; Vertebrates Excl. Man; .. 5.0676

BIOMEDICAL RESEARCH USING HUMAN WHOLE-BODY COUNTER ...Potassium; Whole Body; Zinc; ...5.0778

THE MEASUREMENT OF BIOLOGICAL DAMAGE AND ITS RELATIONSHIP TO 'IN-TISSUE' ENERGY ABSORPTION ...Dosimetry; Fast Neutrons; Ionizing Radiation -see Rad.; Muridae; Radiation Penetration; X and Gamma Rays; ...5.0888

Krypton

EXPERIMENTAL RADIONUCLIDE STUDIES ...Hydrogen; Plutonium; Radiation Dose Studies-general; Radiation, Low Level; Radioactive Fallout-cf Fallout; Strontium; ...5.0045

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americum; Atomic Plants; Environment; Mammals -nonspecific; Radioactive Pollution -ns; River Basins; Water Pollutants - Path of; ...5.0073

THE RADIOBIOLOGY AND TOXICOLOGY OF RADON AND OTHER RADIOACTIVE GASES ...Canidae; Miners; Muridae; Radon; Respiratory Irritants, Inhaled; Uranium; X and Gamma Rays; ...5.0505

Lanthanum

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Disturbance; Erosion; Iowa; Location; Methods; Sediment Yield; Sediments; Soil Chemical Properties; ...2.0145

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

INITIAL DEPOSITION OF RADIONUCLIDE-CONTAINING PARTICLES IN THE LUNGS OF BEAGLE DOGS ...Aerosols; Ceramics; Inspection and Control; Medical, Dental Materials; Yttrium; ...5.0434

GENERATION OF MONODISPERSE AEROSOLS OF INSOLUBLE FORMS FOR USE IN INHALATION EXPOSURES ...Aerosols; Body Isotope Burden; Chelation & Complexing; Electrical Phenomena; Fission Products-see Radioact.; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0448

Lead

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD ...Atmospheric Dynamics; Environment Accumulation Rates; Environmental Hazards; Mercury; Pesticides - nonspecific; Seismology; Toxicology; Water Pollutants - Path of; ...1.0189

ENVIRONMENTAL RADIOACTIVITY AND TRACE ELEMENTS IN MAN ...Air Pollution -see Specifics, Mineralization; Puerto Rico; Radium; ...1.0196

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

RADON PROGENY INHALATION EXPOSURES TO URANIUM MINERS ...Environmental Carcinogenesis; Polonium; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0023

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Environmental Effects - Human; Finland; Iron; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

LEVELS OF NATURAL RADIOACTIVITY IN MAN AND HIS ENVIRONMENT ...Food Contamination; Radiologic Health; Radium; Uranium; ...5.0058

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Manganese; Mercury; Radiation Injury Prevention; Sodium; Thallium; Tungsten; Zinc; ...5.0136

METABOLISM AND DISTRIBUTION OF BONE-SEEKING NUCLIDES BY MAN ...Alpha Particles; Feces; Polonium; Radium; Urine; ...5.0282

FATE OF RADIUM AND OTHER RADIONUCLIDES IN LIVING ORGANISMS ...Body Isotope Burden; Canidae; Occupational Hazards; Radium; Tungsten; ...5.0499

PB-210 STUDIES IN BEAGLES ...Body Isotope Burden; Digestive System - Human; Food Contamination; Polar Oceanic Areas; Radiologic Health; Toxicology; ...5.0721

DISTRIBUTION OF PB-210 IN CANINE BLOOD AFTER INTRAVENOUS INJECTION & ASSOCIATION OF NUCLIDE WITH BLOOD CONSTITUENTS IN DOGS & HUMANS (ABBRE ...Canidae; Cell Membrane Permeability; Radiation Injury Prevention; ...5.0724

STUDIES OF URANIUM MINER HAZARDS ASSOCIATED WITH RADON ...Bioassays; Feces; Occupational Hazards; Radiation Effects - Biological; Radon; Urine; ...5.0885

RETENTION AND DOSIMETRY OF BONE SEEKING RADIONUCLIDES IN BEAGLES ...Americum; Canidae; Plutonium; Radium; Strontium; Thorium; ...5.0952

Lutecium

BIOLOGIC AND PHYSICAL ASPECTS OF AIRBORNE AGENTS ...Canidae; Europium; Injury and Shock; Monkey; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Uranium; ...5.0502

Magnesium

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Lead; Manganese; Mercury; Radiation Injury Prevention; Sodium; Thallium; Tungsten; Zinc; ...5.0136

NUCLIDE METABOLISM ...Calcium; Cesium; Chlorine; Feces; Iron; Mammals -nonspecific; Radiation Injury Prevention; Sodium; Whole Body; ...5.0155

Manganese

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Estuaries; Fish; Iron; Marine Animals; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

RADIONUCLIDE CYCLING IN NATURAL POPULATIONS OF AMPHIBIANS ...Amphibians; Aquatic Ecology - Animal; Contamination - Water; Iodine; Water Cycle; Zinc; ...2.0331

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Lead; Mercury; Radiation Injury Prevention; Sodium; Thallium; Tungsten; Zinc; ...5.0136

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Bos; Copper; Iodine; Laboratory Animals; Muridae; Radiation Effects; Sus; X and Gamma Rays; ...5.0246

MECHANISM OF DIVALENT ION ABSORPTION ...Arsenic; Cobalt; Gallus Domesticus; Iron; Mercury; Whole Body; Zinc; ...5.0256

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Cobalt; Europium; Lichenes; Radiation Resistance -animals; Radiologic Health; Ruthenium; Stibium; Zirconium; ...5.0742

Mercury

INTERACTIONS OF MERCURY WITH AQUATIC AND EDAPHIC ENVIRONMENTS ...Analysis and Detection; Environment; Ion Exchange; Photosynthesis; Submerged Plants; ...2.0595

ORGANIC MERCURIAL FUNGICIDES AND METABOLISM ...Carbon; Isotope Tracer -see Tracers; Metal Organics -nonspecific; Pesticide Action on Animals; PMA; ...4.0820

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Lead; Manganese; Radiation Injury Prevention; Sodium; Thallium; Tungsten; Zinc; ...5.0136

DETERMINATION OF UPTAKE RATES, ORGAN SPECIFICITIES, AND BIOLOGICAL LIFETIMES OF RADIOISOTOPES AND ELEMENTAL SPECIES IN THE RAT ...Barium; Chelation & Complexing; Gamma Spectroscopy; Radiation Injury Prevention; Tantalum; ...5.0781

RADIATION DOSE FROM DIAGNOSTIC ISOTOPE PROCEDURES ...Beta Particles; Chlorine; Committee Support; Iodine; Selenium; Technetium; ...5.0873

Molybdenum

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Lead; Manganese; Mercury; Radiation Injury Prevention; Sodium; Thallium; Tungsten; Zinc; ...5.0136

METABOLISM OF NUCLEAR DEBRIS IN THE DOG AND THE PIG ...Capra; Iodine; Radiologic Health; Ruthenium; Sus; Tellurium; Tungsten; ...5.0137

Niobium

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Radiologic Health; Stibium; Zirconium; ...5.0051

PHYSICO-CHEMICAL NATURE OF 95NB(V) OXALATE IN THE BEAGLE DOG BLOOD AFTER INJECTION OR INHALATION OF 95NB(V) OXALATE ...Body Isotope Burden; Canidae; Respiratory Irritants, Inhaled; ...5.0438

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Aerosols; Canidae; Muridae; Radiation Effects - Biological; Radiologic Health; Respiratory Irritants, Inhaled; Stibium; Thulium; ...5.0440

THERAPY FOR INHALED RADIONUCLIDES ...Canidae; Cerium; Chelation & Complexing; Radiation Effects - Biological; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0443

RENAL PHARMACOLOGY AND TOXICOLOGY OF FALLOUT NUCLIDES ...Arsenic; Lead; Radiologic Health; Toxicology; Zirconium; ...5.0625

Nitrogen

DISTRIBUTION OF ORGANICS FROM SALMON DECOMPOSITION ...Alaska; Carbon; Chemical Effects; Estuaries; Organic Matter; Water Pollutants - Path of; ...2.0011

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

Phosphorus

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Bacterial Population Surveys; Column Chromatography; Electrophoresis; Isotope Tracer -see Tracers; Sewage; Sewage Bacteria; ...2.0020

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Eutrophic Lakes; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Animal Productivity; Density; Dystrophic Lakes; Nutrients; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Productivity -general; Stratification (water); ...2.0195

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Animal Productivity; Aquatic Ecology - Animal; Cesium; Copper; Invertebrate Physiology; Potassium; Temperature (water); Zinc; ...2.0201

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Atomic Plants; Columbia River; Energy Conversion; Fish; Periphyton; Phosphorus and Phosphorus Cpds; Water Pollution Sources; Zinc; ...2.0420

PLANT-AVAILABLE PHOSPHORUS STATUS OF LAKES ...Algae -nonspecific; Chemical Analysis (water); Deposits; Eutrophication; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; ...2.0436

NUTRIENT ENRICHMENT OF RUN-OFF WATERS BY SOILS. ENRICHMENT POTENTIAL OF URBAN SOILS IN THE CITY OF MADISON ...Forecasting - Prediction; Nutrients; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Urban Environment; Wisconsin; ...2.0454

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

FATE AND SIGNIFICANCE OF LABELLED PESTICIDES RESIDUES IN RICE ...Carbon; Fungicides -nonspecific; Metabolites From Pesticides; Oryzeae; Sulfur; ...4.0312

MALATHION RESIDUES IN POULTRY MEAT AND EGGS ...Animal; Feces; Malaoxon; Metabolites From Pesticides; Pesticide Residues Removal; Residues in Foods; ...4.1028

USE OF INSECTICIDES LABELLED WITH PHOSPHORUS-32 AND TRITIUM FOR THE DETERMINATION OF PESTICIDE RESIDUES ...Foreign Agriculture; Insecticides -nonspecific; Pesticide Residue Analysis; Spain; ...4.1112

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties; Eastern U. S.; Gramineae; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; Water Cycle; ...5.0032

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Beta Particles; Lactuca; Pisum; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; Triticum; Zea Mays - Field Corn; ...5.0106

MUTAGENIC EFFECT OF TRANSMUTATION FROM RADIONUCLIDES INCORPORATED INTO DNA OF DROSOPHILA MELANOGASTER ...Beta Particles; Carbon; Invertebrates; Lethal Mutation; ...5.0340

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLET AND X-IRRADIATION DAMAGE ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Repair Mechanisms; Haemophilus Sp; Mutagenesis -nonspecific; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0455

RADIATION EFFECTS ON NUCLEIC ACIDS AND PROTECTION ...Carbon; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Radiation Injury Prevention: X and Gamma Rays; ...5.0579

EFFECT OF DOSE RATE AND TOTAL DOSE OF GAMMA IRRADIATION UPON METABOLIC PARAMETERS IN BIRDS ...Calcium; Gallus Domesticus; Injury -animal; Radiation Effects - Biological; Strontium; X and Gamma Rays; ...5.0672

THE METABOLISM OF STRONTIUM AND RELATED NUCLIDES IN POULTRY ...Calcium; Gallus Domesticus; Phosphorus and Phosphorus Cpds; Radiation Effects; Strontium; Vertebrates Excl. Man; X and Gamma Rays; ...5.0673

METABOLISM AND EFFECTS OF RADIONUCLIDES IN FETUS AND YOUNG ...Cerium; Developmental Physiology; Muridae; Plutonium; Radiation Injury Prevention; Zinc; ...5.0744

Plutonium

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Ocean Circulation -general; Radioactive Fallout; Radioactivity; ...2.0187

EXPERIMENTAL RADIONUCLIDE STUDIES ...Hydrogen; Krypton; Radiation Dose Studies-general; Radiation, Low Level; Radioactive Fallout-cf Fallout; Strontium; ...5.0045

BIOLOGICAL RESPONSE TO SMALL, DISCRETE, HIGHLY RADIOACTIVE PARTICLES ...Environmental Effects - Human; Injury and Shock; Muridae; Radiation; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0052

RADIATION PATHWAYS STUDIES ...Environmental Aspects; Hydrogen; Iodine; Nuclear Detonations; Radiation Injury Prevention; Radioactivity; Recovery - Production; Zinc; ...5.0061

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americum; Atomic Plants; Environment; Krypton; Mammals - nonspecific; Radioactive Pollution -ns; River Basins; Water Pollutants - Path of; ...5.0073

STUDIES ON HAZARDS OF THE TRANSPLUTONIUM ELEMENTS ...Actinium A C; Body Isotope Burden; Colloids; Gold; Muridae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0117

MECHANISMS OF LOCAL CARCINOGENESIS - RADIATION; PLASTIC FILMS, AND OTHER AGENTS ...Beta Particles; Canidae; Plastics; Radiation Carcinogenesis; Radiation Sensitivity -man; ...5.0269

THERAPY OF POISONING BY RADIOACTIVE AND NON-RADIOACTIVE METALS ...Americum; Digestive System - Human; Muridae; Rabbits; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0281

MORPHOLOGICAL AND HISTOCHEMICAL CHANGES IN BONE CELLS AFTER IRRADIATION - A LIGHT AND ELECTRON MICROSCOPIC STUDY ...Calcium; Cell Injury and Autolysis; Hydrogen; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0350

RADIATION DOSE PATTERNS ASSOCIATED WITH INHALATION OF ALPHA-EMITTING RADIONUCLIDES BY THE BEAGLE DOG ...Aerosols; Canidae; Digestive System - Human; Occupational Hazards; Radiologic Health; ...5.0432

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Aerosols; Barium; Cerium; Fission Products-see Radioact.; Praseodymium; Radioactivity; Strontium; Yttrium; ...5.0446

DOSE-RESPONSE RELATIONSHIPS FOR INHALED ALPHA-EMITTING RADIONUCLIDES ...Alpha Particles; Americum; Canidae; Curium; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0449

IN VIVO MEASUREMENT OF PLUTONIUM LUNG BURDENS IN HUMANS ...Factory Workers; Gas Filled Detectors; Occupational Hazards; Radiation Effects - Man; Radioactive Isotopes; Radiologic Health; Scintillation Counting; ...5.0457

TISSUE REACTION TO DISCRETE, HIGH SPECIFIC-ACTIVITY PARTICULATES, WITH EMPHASIS ON TUMOR FORMATION IN THE LUNG ...Cricetus; Epidemiology; Muridae; Radiation Carcinogenesis; Radiologic Health; ...5.0460

MORPHOLOGICAL AND CYTOLOGICAL STUDIES OF LUNG RESPONSES TO INHALATION AND IRRADIATION ...Aerosols; Monkey; Radiation Dose Studies-general; Respiratory Irritants, Inhaled; Tumor Pathology; X and Gamma Rays; ...5.0510

THE EFFECT OF INTERNAL EMITTERS ON THE HEMATOPOIETIC SYSTEM ...Americum; Canidae; Radium; Strontium; Thorium; ...5.0718

ASSESSMENT, EVALUATION AND CONTROL OF RADIATION EXPOSURE TO MAN AND HIS ENVIRONMENT - EXPOSURE TO EXTERNAL AND INTERNAL RADIATION ...Americum; Digestive System - Human; Radiologic Health; Strontium; Tumor Pathology; ...5.0719

239-PU RETENTION IN THE CHINCHILLA ...Body Isotope Burden; Canidae; Digestive System - Human; Metabolism and Biochemistry; Radiation Injury Prevention; Rodentia -other; ...5.0720

RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIONUCLIDES IN THE BEAGLE SKELETON ...Alpha Particles; Canidae; Injury and Shock; Radiation Carcinogenesis; Strontium; ...5.0723

RADIUM INDUCED EYE TUMORS ...Canidae; Radiation Carcinogenesis; Radiation Dose Studies-general; Radium; Strontium; Thorium; ...5.0727

SPACE NUCLEAR SYSTEMS STUDIES ...Aerosols; Body Isotope Burden; Chemical Mechanisms & Kinetics; Radiation Dose Studies-general; Radioactive Hazard; Space Medicine - Exobiology; Sus; ...5.0735

URANIUM MINERS EXFOLIATIVE PATHOLOGY ...Canidae; Occupational Hazards; Radiation Effects - Biological; Radon; Tobacco -cigarettes; Uranium; ...5.0737

METABOLISM AND EFFECTS OF RADIONUCLIDES IN FETUS AND YOUNG ...Cerium; Developmental Physiology; Muridae; Radiation Injury Prevention, Zinc; ...5.0744

INHALATION STUDIES - AEROSOL TECHNOLOGY STUDIES ...Aerosols; Biochemical Analysis - Tissues; Instrument Services; Mammals -nonspecific; Radiation Injury Prevention; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0747

INHALATION STUDIES - BIOLOGICAL EFFECT STUDIES ...Canidae; Promethium; Radiation; Radiation Carcinogenesis; Radiation Injury Prevention; Respiratory Irritants, Inhaled; ...5.0748

LOW LEVEL PLUTONIUM INHALATION STUDIES IN BEAGLES ...Canidae; Radiation, Low Level; ...5.0750

COMPARATIVE DISPOSITION OF PLUTONIUM AND AMERICIUM AFTER INHALATION ...Americum; Canidae; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0751

REMOVAL OF INTERNAL EMITTERS ...Chelation & Complexing; Muridae; Promethium; Radiation Injury Prevention; Sus; ...5.0753

U.S. TRANSURANIUM REGISTRY OF AEC, AEC CONTRACTOR AND LICENSEE EMPLOYEES ...Americum; Mammals - nonspecific; Occupational Hazards; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0756

THE DETERMINATION OF PLUTONIUM 239 IN LUNG TISSUE BY ACTIVATION ANALYSIS ...Atomic Bomb; Deer -nonspecific; Fast Neutrons; Radiologic Health; ...5.0819

THE DETERMINATION OF PLUTONIUM IN SOIL ...Burial; Soil Radiation Emission; Waste Disposal, Underground; ...5.0821

INSTRUMENTATION FOR IN VIVO DETERMINATION OF INSOLUBLE PLUTONIUM IN THE LUNG ...Alpha Particles; Instrumentation; Occupational Hazards; Radiologic Health; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0822

DOSIMETRY ...Americum; Fast Neutrons; Ionizing Radiation -see Rad.; Muridae; Radiation Penetration; X and Gamma Rays; ...5.0830

DEVELOPMENT STUDIES IN LOW LEVEL RADIOCHEMICAL ANALYSES AND TRACE STABLE ELEMENTS IN BIOLOGICAL AND ENVIRONMENTAL MATERIALS ...Air Pollution - see Specifics; Carbon; Hydrogen; Radiation, Low Level; Radiologic Health; Water Pollution -see Specifics; ...5.0883

REMOVAL OF AM-241 FROM HUMANS WITH DTPA ...Americum; Occupational Hazards; Radiation Injury Prevention; Radioactive Hazard; Radiologic Health; Scintillation Counting; ...5.0914

RADIOLOGICAL AND HEALTH PHYSICS - ESTIMATION OF INTERNAL EXPOSURE ...Beta Particles; Digestive System - Human; Hydrogen; Radium; Respiratory Irritants, Inhaled; ...5.0937

DEVELOPMENT OF PROCEDURES (METHODOLOGY) OF DETERMINATION OF NATURAL URANIUM IN DIFFERENT BODY ORGANS ...Radiation Effects - Biological; Uranium; ...5.0949

RETENTION AND DOSIMETRY OF BONE SEEKING RADIONUCLIDES IN BEAGLES ...Americum; Canidae; Lead; Radium; Strontium; Thorium; ...5.0952

SPECULATED RISK TO BONE AND LIVER FROM 239PU ...Canidae; Digestive System - Human; Models (physical) of Anim.&man; Occupational Hazards; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0953

BONE CANCER INDUCTION BY RADIONUCLIDES INCIDENCE VS DOSE ...Alpha Particles; Canidae; Muridae; Radiation, Low Level; Strontium; ...5.0954

INTERNAL DEPOSITIONS OF RADIONUCLIDES IN MAN ...Muridae; Occupational Hazards; Promethium; Radiation Injury Prevention; Radiologic Health; Respiratory Irritants, Inhaled; Samarium; ...5.0957

INHALATION STUDIES - KINETICS AND DOSIMETRY STUDIES ...Aerosols; Americum; Curium; Muridae; Promethium; ...5.0959

Polonium

ENVIRONMENTAL RADIOACTIVITY AND TRACE ELEMENTS IN MAN ...Air Pollution -see Specifics; Lead; Mineralization; Puerto Rico; Radium; ...1.0196

RADON PROGENY INHALATION EXPOSURES TO URANIUM MINERS ...Environmental Carcinogenesis; Lead; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0023

A STUDY OF UNSUPPORTED 210 PO ION EXCHANGE IN SOILS, UPTAKE IN VEGETATION AND COMPARISON WITH DIRECT AERIAL DEPOSITION ...Absorption (incl. Adsorption); Radioactive Fallout-cf Fallout; Soil Microbiology; Soil Types -also See Specifics; Translocation; ...5.0024

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

METABOLISM AND DISTRIBUTION OF BONE-SEEKING NUCLIDES BY MAN ...Alpha Particles; Feces; Lead; Radium; Urine; ...5.0282

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology; Fish; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects, Viral Pollutant Sources; Viruses - Animal; ...5.0371

GROSS ALPHA DETERMINATION IN ENVIRONMENTAL AND BIOLOGICAL SAMPLES ...Alpha Particles; Californium; Feces; Radioactive Isotopes; Reduction Reactions; Urine; ...5.0823

DOSIMETRY ...Americum; Fast Neutrons; Ionizing Radiation -see Rad.; Muridae; Plutonium; Radiation Penetration; X and Gamma Rays; ...5.0830

STUDIES OF URANIUM MINER HAZARDS ASSOCIATED WITH RADON ...Bioassays; Feces; Lead; Occupational Hazards; Radiation Effects - Biological; Radon; Urine; ...5.0885

IN-VIVO NEUTRON ACTIVATION ...Americum; Calcium; Chlorine; Fast Neutrons; Iodine; Models (physical) of Anim &man; Neutron Generator; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Radiation, Whole Body; ...5.0896

INHALATION HAZARDS TO URANIUM MINERS - RADIOCHEMICAL STUDIES ...Aerosols; Mammals -nonspecific; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Radium; Scintillation Counting; Spectrographic Techniques; ...5.0961

Potassium

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Animal Productivity; Aquatic Ecology - Animal; Cesium; Copper; Invertebrate Physiology; Phosphorus; Temperature (water); Zinc; ...2.0201

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

GERONTOLOGIC CHANGES IN BEAGLES ...Aging; Antioxidants -nonspecific; Canidae; Radiation Carcinogenesis; Radiation Injury Prevention; Stressors, Physiological; Temperature - Human Body; ...5.0130

NUCLIDE METABOLISM ...Calcium; Cesium; Chlorine; Feces; Iron; Mammals -nonspecific; Radiation Injury Prevention; Sodium; Whole Body; ...5.0155

FALLOUT CESIUM-137 IN A NORMAL POPULATION ...Cesium; Food Contamination; Gamma Spectroscopy; Metabolism and Biochemistry; Monitoring Devices; Radiologic Health; Whole Body; ...5.0462

BIOMEDICAL RESEARCH USING HUMAN WHOLE-BODY COUNTER ...Iron; Whole Body; Zinc; ...5.0778

CONTROL OF ION CONTENT OF CELLS ...Active Transport; Cell Injury and Autolysis; Cellular Model Systems; Ionic Effect; Microorganisms; Strontium; Zooplankton; ...5.0886

IN-VIVO MEASUREMENT OF RADIONUCLIDES IN MAN ...Calcium; Metabolism and Biochemistry; Radiologic Health; X and Gamma Rays; ...5.0894

IN VIVO MEASUREMENT OF RADIOACTIVE BODY BURDENS IN SELECTED POPULATIONS ...Cesium; Radiation Effects - Man; Radiation, Whole Body; Radiologic Health; X and Gamma Rays; Zinc; ...5.0895

Praseodymium

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Aerosols; Barium; Cerium; Fission Products-see Radioact.; Radioactivity; Strontium; Yttrium; ...5.0446

Promethium

MEASUREMENTS OF RADIOACTIVITY IN VIVO AND APPLICATIONS IN HUMAN RADIOBIOLOGY ...Accident; Occupational Hazards; Radiation, Low Level; Radiologic Health; Radium; ...5.0285

INHALATION STUDIES - BIOLOGICAL EFFECT STUDIES ...Canidae; Plutonium; Radiation; Radiation Carcinogenesis; Radiation Injury Prevention; Respiratory Irritants, Inhaled; ...5.0748

REMOVAL OF INTERNAL EMITTERS ...Chelation & Complexing; Muridae; Plutonium; Radiation Injury Prevention; Sus; ...5.0753

INTERNAL DEPOSITIONS OF RADIONUCLIDES IN MAN ...Muridae; Occupational Hazards; Plutonium; Radiation Injury Prevention; Radiologic Health; Respiratory Irritants, Inhaled; Samarium; ...5.0957

INHALATION STUDIES - KINETICS AND DOSIMETRY STUDIES ...Aerosols; Americum; Curium; Muridae; ...5.0959

Radioisotopes -nonspecific

O3 & NO2 TOXICITY IN NORMAL & ANTIOXIDANT-FED ANIMALS ...Air Pollution -see Specifics; Muridae; Nitrogen and Nitrogen Cpds.; ...1.0202

EFFECT OF SO2 ON METABOLIC PATHWAYS IN HIGHER PLANTS ...Arachis; Industrial Pollution -general; Nitrogen Metabolism; Sulfur Dioxide; ...1.0311

SHADE TREE IMPROVEMENT THROUGH BREEDING AND SELECTION ...Air Pollution -see Specifics; Contamination - Soil; Ornamentals; Virus Resistance; ...1.0413

DUST DEPOSITION AND RETENTION ...Aerosols; Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0598

FATE OF HARMFUL METALS IN SOIL AND WATER SYSTEMS ...Absorption (incl. Adsorption); Chemical Effects; Formation Principles; Soil Microbiology; Water Pollutant Identification; Water Pollution Sources; ...2.0005

RADIONUCLIDE METABOLISM IN AQUATIC ANIMALS ...Animal Habitat Studies; Clams; Crayfish; Invertebrate Physiology; Marine Animals; Radiation Effects - Biological; Temperature (water); ...2.0036

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Poliutants - Path of; Water Standards & Baselines; ...2.0132

MICROBIAL DEGRADATION OF ORGANIC POLLUTANTS OF INDUSTRIAL ORIGIN ...Bacterial Population Surveys; Industrial Wastes; Pilot Plants; Toxic Substances; Waste Water Treatment - general; ...2.0176

LOSS OF ORGANIC AND INORGANIC MATERIALS FROM ABOVE-GROUND PLANT PARTS BY LEACHING ...Absorption (incl. Adsorption); Aging; Dew; Fog; Haze; Mist; Nitrogen Metabolism; Radioactive Fallout-cf Fallout; Rain; Translocation; ...2.0268

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases; Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Chlorine; Forecasting - Prediction; Lakes; Mineralogical Water Properties; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; Water Pollution Sources; ...2.0359

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS ...Amphibious Plants; Biological Water Properties; Mineralogical Water Properties; Pesticides -nonspecific; Plant Freshwater Ecology; Radioisotopes; Springs; Washington; ...2.0414

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Beta Particles; Canals; Dredging; Gamma Spectroscopy; Harbors; Marine Geology; Ocean Meteorological Studies; Radioactivity; Seismology; ...2.0424

PHYSICO-CHEMICAL PROCESSES AND IONIC STATES OF MICROCONSTITUENTS IN SEA WATER AND THEIR RELATION TO RADIOECOLOGY OF NORTH ADRIATIC ...Chelation & Complexing; Kinetics; Marine Environments; Mediterranean Sea; Radioactivity; Sea Water Chemistry; Water Chemistry; ...2.0460

INTERACTION OF RADIO-LABELLED BIOCIDES AND HEAVY METALS WITH MICROBIAL ECOSYSTEMS ...Activated Sludge; Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Microorganisms -nonspecific; Pesticide Degradation -see Deg; Pesticides -nonspecific; Waste Water Treatment -general; ...2.0666

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

TERRESTRIAL ECOLOGY ...Cesium; Plant Food Chains; Rain; Rain Forests; Soil Chemical Properties; ...2.0768

INTERCEPTION AND DEGRADATION OF PESTICIDES BY AQUATIC ALGAE ...Algae - Cyanophyta; Cellular Catabolism-see Degrad; DDT; Dieldrin; Metabolism of Algacides; Microorganism-see Cell. Catab.; Pesticides -see Pesticide; ...2.0779

IMPROVING WATER QUALITY BY REMOVAL OF PESTICIDE POLLUTANTS WITH AQUATIC PLANTS ...Degradation -see Pesticide Deg; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -nonspecific; Plant; ...2.1118

MICROBIOLOGY OF THERMALLY POLLUTED ENVIRONMENTS ...Acidity (water); Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Hyperthermal; Thermophilic Bacteria; Water Pollutant Identification; ...2.1550

CHRONIC EFFECTS OF HEAVY METALS ON FISH ...Animal Pharmacology; Contamination - Water; Lepomis Macrochirus; Percidae; Pollution Effects -see Water; Zinc; ...2.1597

INTEGRATED WASTE MANAGEMENT - WATER SYSTEM USING RADIOISOTOPES FOR THERMAL ENERGY ...Biological Waste Recycling; Feces; Isotope Effects; Radioisotopes; Urine; Waste Treatment - Radiation; Water Supply Facilities; ...3.0290

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (Incl. Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Low Temp. - But Above 32f; Pesticide Action on Plants; Pesticide Residues; Plant Resistance; Soil Microbiology; Translocation; ...4.0032

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Aerosols - Smokes, Fogs, Steam; Climates -general; DDE; Endrin; Monitoring Systems; Pesticide Phytotoxicity; ...4.0033

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

REACTIONS OF TRIAZINE-HERBICIDES WITH SOIL COMPONENTS ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil - Calcareous; Soil Organic Content; ...4.0082

RESIDUES OF SELECTED PESTICIDES - NATURE, DISTRIBUTION, PERSISTENCE IN PLANTS, ANIMALS & PHYSICAL ENVIRONMENTS ...Arid and Desert Regions; DDT; Environment Accumulation Rates; Monitoring Systems; Pesticide Application Rates; Plant; TDE; ...4.0083

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Loam -see Soil Types; Pesticide Persistance in Soils; Silty Soils; Soil Moisture; Soil Temp. -non-specific; ...4.0084

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Aroclor; DDT; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticides -see Pesticide; Soil Chemical Properties; Soil Organic Content; ...4.0087

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticide Absorption Rates; Pesticides -nonspecific; Rate of Reaction; Soil Chemical Properties; Soil Profile; Surfactants - Wetting Agents; Tension and Measurement; ...4.0094

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Soil Chemical Properties; Vernolate; ...4.0118

RESEARCH IN WEED SCIENCE AND WEED CONTROL ...Alachlor; Bioassay; Cyperaceae; Environment Accumulation Rates; Herbicides and Other Chem; Medicago; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Picloram; 2,4-db; ...4.0130

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Carduus; Cotoran; Gossypium; Herbicides and Other Chem; Malvaceae; Pesticide Formulation; Prometryne; Respiration; Seeds; ...4.0190

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0212

DEVELOPMENT OF SAFE & EFFECTIVE MATERIALS FOR MANAGEMENT OF WESTERN FOREST INSECT POPULATIONS ...Aerosols - Smokes, Fogs, Steam; Bioassay; Methomyl; Pesticide Evaluation; Pesticide Residues; Population Dynamics - general; Translocation; ...4.0220

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban; Betanal; Butachlor; Cyperaceae; Graminease; Igran; Pesticide Interaction With Env; Sorghum; Temperature - Air; Trifolium; ...4.0227

PESTICIDE RESIDUE METABOLITES ...Caricaceae; Herbicides and Other Chem; Microorganisms -nonspecific; Organophosphorous Cpds.; Pesticide Residues; ...4.0299

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS ...Bioassay; Carya; Fruit, Nut, and Berry Crops; Growth Substances; Herbicides and Other Chem; Photosynthesis; Tiba; ...4.0315

FATE OF MALATHION RESIDUES ON GRAIN SORGHUMS ...Bioassay; Chemical Degradation; Degradation; Malathion; Pesticide Evaluation; Pesticide Residues; Sorghum; ...4.0318

MECHANISMS OF HERBICIDE ACTION ...Adenosine Triphosphate; Cellular Biosynthesis; Diuron; Herbicides and Other Chem; Nitrogen Metabolism; Pesticide Action on Plants; Photosynthesis; Triazines -nonspecific; ...4.0340

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -non-liquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

TRANSFORMATIONS OF INSECTICIDES BY PLANTS ...Animal Pests, Degradation; Enzymes; Pesticide Residues; Plant; ...4.0349

EFFECTS OF BIOLOGICALLY ACTIVE CHEMICALS ON PLANT GROWTH AND DEVELOPMENT ...Herbicides and Other Chem; Pesticide Action on Plants; Plant; Plant Absorption - other; Plant Growth Regulators -ns.; ...4.0356

ABSORPTION, TRANSLOCATION, AND METABOLISM OF HERBICIDES BY CROP AND WEED SPECIES ...Absorption (incl. Adsorption); Amiben; Gramineae -other; Herbicides and Other Chem; Mississippi; ...4.0374

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Bensulide; Environment Accumulation Rates; Pesticide Action on Plants; Pesticide Residues; Plant Ecology -nonspecific; Triazines -nonspecific; ...4.0404

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl. Adsorption); Chemical Analysis; Cyclic Organic Cpds. -(1 Or ; Diphenamid ; Lycopersicum; Pesticide Organoleptic Prop.; Solanum; Vegetables; ...4.0437

MICROANALYSIS TECHNIQUE TO DETECT HERBICIDES AND THEIR DEGRADATION ...Atrazine; Chemical Analysis; D, 2,4-; Pesticide Action on Plants; Plant; ...4.0460

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Gossypium; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; Temperature - Air; ...4.0487

USE OF LABELLED PESTICIDES FOR STUDYING TERMINAL PESTICIDES RESIDUES IN CERTAIN TROPICAL PRODUCTS

...Baygon; British Isles; Foreign Agriculture; Metabolites From Pesticides; Methyl Bromide; Residues in Foods; ...4.0493

LABELLED PESTICIDES FOR STUDIES OF RECOVERY OF PESTICIDE RESIDUES BY SOLVENT EXTRACTION OF SPIKED & AGED CEREAL SAMPLES (ABBREV) ...British Isles; Chemical Analysis; Ddvp; Foreign Agriculture; Malathion; Pesticide Residues in Feeds; ...4.0494

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Chromatography; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Spectrographic Techniques; Surfactants - Wetting Agents; ...4.0502

PHYSIOLOGICAL AND ANATOMICAL REACTIONS IN LEAVES TO ABSCISSION STIMULATING CHEMICALS ...Abscission; Caprifoliaceae; Ethrel; Leaf Analysis; Plant Resistance; Pyrus -general; Pyrus Malus; Respiration; Translocation; ...4.0505

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Dicamba; Pesticide Action on Plants; Pesticide Phytotoxicity; Triazines -nonspecific; ...4.0509

METABOLISM AND SELECTIVITY OF ORGANOPHOSPHATES ...Bioassay; Carbamates -see Pesticides; Chemical Analysis; Gallus Domesticus; Laboratory Animals; Mammals -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; ...4.0548

ENZYMIC MECHANISMS OF INSECTICIDE METABOLISM ...Animal; Catalysts; Mechanism Determination; Organophosphorous Cpds.; Pesticide Action on Animals; Rabbits; ...4.0853

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Biodegradation; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Action on Plants; Toxicology; ...4.0861

THE METABOLIC FATE OF AN ORGANIC PHOSPHATE INSECTICIDE (GS-13005) WHEN FED TO DAIRY CATTLE ...Animal; Domestic Animals; Microorganism-see Cell. Catab.; Pesticide Residues; ...4.0884

CHEMISTRY AND TOXICOLOGY OF INSECTICIDES ...Animal Resistance; Chemical Degradation; Insecticides -nonspecific; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Residues; Sevin; ...4.0922

PESTICIDE RESIDUES ON ARIZONA CROPS ...Air - Water - Plant Relations; DDT; Medicago; Pesticide Toxicity to Microorg; Toxaphene; ...4.0925

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS AND THE PHYSICAL ENVIRONMENT ...Animal; Furadan; Muridae; Pesticide Residues Removal; Plant; Residues in Foods; ...4.0932

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cassia; Cotoran; Foliar Absorption; Leaf Analysis; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; Root Absorption; ...4.1018

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENT ...Chemical Analysis; Gas Chromatography; Pesticide Persistance in Soils; Pesticides -nonspecific; Soil Chemical Properties; ...4.1034

BIOLOGICAL DEGRADATION OF AGRICULTURAL INSECTICIDES ...Azodrin; Biodegradation; Chemical Analysis; Metabolites From Pesticides; Phosphamidon; ...4.1042

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...4.1055

DEVELOPMENT OF ANALYTICAL METHODS FOR SELECTED HERBICIDES ...Chemical Analysis; Chemical Analysis (water); Gas Chromatography; Handbooks; Herbicides -nonspecific; Literature Search; Pesticides -see Pesticide; ...4.1060

METABOLITE FORMATION IN METABOLISM OF TRIAZINE HERBICIDES BY THE ANIMAL ...Animal; Capra; Metabolites From Pesticides; Ovis; Pesticide Formulation; Prometone; ...4.1096

METABOLISM OF CHLORINATED HYDROCARBON INSECTICIDES IN LIVESTOCK ...Animal; Domestic Animals, Gallus Domesticus; Pesticide Action on Animals; Urine; ...4.1097

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Saccharum; Tropical Regions; ...4.1107

CHARACTERIZATION OF RADIOACTIVE PARTICLES PRODUCED BY NUCLEAR DETONATION ...Air Pollution Analysis; Fallout -see Radioactive; Nuclear Detonations; Radiation Effects - Biological; Radioactive Fallout; Radioactive Fallout-cf Fallout; Spectrographic Techniques; ...5.0007

ANALYSIS OF RADIONUCLIDE TRANSPORT AND DEPOSITION FOR PREDICTION OF UPTAKE AND DOSES FROM RELEASE OF RADIONUCLIDES ...Air Pollution -see Specifics; Body Isotope Burden; Dose Rate, Dose Fractionation; Food Contamination; Radiation Injury Prevention; Radioactive Fallout-cf Fallout; Radiologic Health; ...5.0009

DISTRIBUTION AND INTERRELATIONSHIP OF ELEMENTS IN BIOLOGICAL SYSTEMS ...Deserts, Arid Lands; Emission Spectroscopy; Mineral Nutrition; Plant Physiological Ecology; Plants; Radioecology - Plants; Translocation; ...5.0012

INFLUENCE OF SOIL HEATING ON THE GROWTH AND ELEMENTAL COMPOSITION OF BEAN PLANTS ...High Temp. - 85f Or Above; Mineral Nutrition; Organic Soils -see Soils; Plants; Radioactive Contamination; Soil Chemical Properties; ...5.0013

DEVELOP METHOD OF REMOVING RADIO-ACTIVE CONTAMINANTS FROM AGRICULTURAL LAND ...Absorption (incl. Adsorption); Pesticides -other; Radioactive Fallout-cf Fallout; Soil Cover Crops; Zea Mays - Field Corn; ...5.0040

PHASE II PLANNING STUDY FOR EVALUATION OF RADIOACTIVE CONTAMINATION OF THE FOOD CHAIN ...Food Contamination; Plant Tissue Analysis -chem.; Radiation Injury Prevention; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radiologic Health; ...5.0053

SYSTEMS ECOLOGY ...Animal Predation; Computer Methods - general; Energy Budgets; Environmental Ecology; Plant Ecology - nonspecific; Plant Productivity -general; Radioactive Pollution -ns; Reactor Sites & Rad Waste; Systems Analysis; ...5.0074

ENVIRONMENTAL RADIATION STUDIES - EVALUATION OF NUTRIENT AND FISSION PRODUCT DISTRIBUTION AND MOVEMENT IN TERRESTRIAL ENVIRONMENTS ...Ponds; Radioactive Contamination; Radioecology - Plants; Soil Chemical Properties; ...5.0076

FIXATION REACTIONS ...Radiation Effects - Biological; Radioactive Contamination; Soil Chemical Properties; ...5.0077

STUDIES OF THE NATURAL ALPHA-EMITTING RADIOISOTOPES IN MARINE ORGANISMS ...Alpha Particles; Marine Biology - General; Radiation Effects - Biological; ...5.0087

ON THE CORRELATION OF INTERNAL RADIATION DOSES FROM INCORPORATED ISOTOPES AND CHROMOSOME ABERRATIONS ...Radiation Dose Studies-general; ...5.0104

RADIATION STUDIES ON CELL POPULATIONS ...Cancer; Cell Injury and Autolysis; Ionizing Radiation -see Rad.; Radiation; Radiation Injury Prevention; Radiation Sensitivity -man; X and Gamma Rays; ...5.0107

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Arid and Desert Regions; Clay Soils; Mineral Nutrition; Plants; Radioactive Fallout-cf Fallout; Soil Moisture; X and Gamma Rays; ...5.0159

BASIC STUDIES OF THE IMMUNE RESPONSE AND THE EFFECT OF RADIATION ON THIS RESPONSE ...Cell Injury and Autolysis; Mammals -nonspecific; Radiation Effects - Biological; Urine; Viruses - Animal; ...5.0178

EFFECTS OF RADIATION FROM NUCLEAR EXPLOSIONS ON NATURAL VEGETATION ...Geochemical Investigations; Nuclear Detonations; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Seismology; ...5.0203

ALTERATION INDUCED BY X-RAY & ULTRAVIOLET LIGHT ON THE SYNTHESIS & MAINTENANCE OF MACROMOLECULAR COMPONENTS WITHIN MICROORGANISMS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Viability; Radiation, Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0244

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Systems Analysis - Water Mgmt; ...5.0261

MECHANISMS AND MODELS OF SKELETAL METABOLISM--THEORETICAL ...Canidae; Metabolism and Biochemistry; Radiation Effects - Biological; Radiologic Health; Radium; ...5.0283

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Contamination

- Water; Developmental Biology -general; Japan; Marine Biology - General; Radioactivity; Water Pollution Sources; ...5.0331

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity -man; X and Gamma Rays; ...5.0338

TISSUE CULTURE STUDIES OF HUMAN LYMPHOCYTES ...Cellular Metabolism - Controls, Cellular Repair Mechanisms; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0365

RADIATION CARCINOGENESIS ...Digestive System - Human; Muridae; Nuclear Structure; Radiation Carcinogenesis; Radioactive Isotopes; Tumor Pathology; X and Gamma Rays; ...5.0378

AEC RADIATION EFFECTS PROGRAM ...Animal Productivity; Bos; Food Contamination; Radioactive Hazard; Radioactive Isotopes; Radiologic Health; ...5.0420

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Succession; Radiation Effects -see Rad.; Radioactive Contamination; Radioecology - Plants; Soil - Crop Relationships; Soil Environment -other; Translocation; ...5.0422

BIOMEDICAL EFFECTS OF EXPLOSIONS ...Atomic Bomb; Civil Defense; Injury and Shock; Nuclear Warfare; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0437

LIPID COMPOSITION OF PULMONARY SURFACTANT, EXFOLIATED LINING CELLS AND TISSUE FROM BEAGLE DOGS ...Canidae; Respiratory Irritants, Inhaled; Surface Active-other; ...5.0444

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Gases; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Tumor Pathology; ...5.0493

DYNAMIC ASPECTS OF SKELETAL METABOLISM ...Active Transport; Gallus Domesticus; Radiation Effects - Biological; ...5.0509

RADIATION DAMAGE IN TROPICAL RAIN FOREST TREES ...Forest Environment -general; Radioactive Fallout-cf Fallout; Rain Forests; Tropical Regions; ...5.0513

LYMPHOCYTE MIGRATION AND KINETICS IN EXPERIMENTAL ANIMALS ...Bos; Cancer; Cellular Biosynthesis; Radiation Effects - Biological; ...5.0520

RADIATION RECOVERY MECHANISMS OF G1 AND G2 CELLS IN THE MITOTIC CYCLE OF PISUM ROOT MERISTEMS ...Cell Injury and Autolysis, Cellular Repair Mechanisms; Growth; Nucleic Acid Compounds; Plants; Radiation Effects -see Rad.; ...5.0538

TIME-RADIATION DOSE RELATIONSHIPS TO BIOLOGIC DAMAGE ...Dosimetry; Injury and Shock; ...5.0556

RESPONSES OF PLANTS AND PLANT COMMUNITIES TO IONIZING RADIATION ...Acer Species; Carbohydrates, Festuca; Magnoliaceae; Radiation Sources -general; Radioactive Hazard; Translocation; ...5.0652

TERRESTRIAL PLANT ECOLOGY ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Phenology; Plant Succession; Soil Minerals -natural; Soil Water Plant Relationships; ...5.0752

THEORETICAL DOSIMETRY AND RADIOLOGICAL PHYSICS ...Beta Particles; Dosimetry; Nuclear Structure; Radiation Injury Prevention; Radiation Penetration; Radiation Shielding; X and Gamma Rays; ...5.0809

SERUM OSMOLALITY AND INTRACRANIAL PRESSURE ...Cancer; Whole Body; ...5.0837

DIRECT INTERNAL RADIATION DOSIMETRY OF RADIOPHARMACEUTICALS BY IMPROVED NEEDLE TYPE FLUOROGLASS DOSIMETER ...Biological Dosimetry; Dosimetry; Radiation, Low Level; ...5.0844

RADIOLOGICAL PHYSICS ...Cancer; Radiologic Health; ...5.0851

ABSORBED DOSE DUE TO INTERNAL RADIATION EMITTERS ...Mammals -nonspecific; Monte Carlo Methods; ...5.0856

CALIBRATION OF RESPIRABLE DUST SAMPLERS FOR INHALATION HAZARD EVALUATION ...Aerosols; Air Pollution -see Specifics; Dust; Radiation Effects - Biological; Radioactive Hazard; Respiratory Irritants, Inhaled; Toxic Substances; ...5.0864

RADIOACTIVITY STUDIES ...Mammals -nonspecific; Radiation Injury Prevention; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0871

RADIOCHEMICAL METHODS AND MEASUREMENTS ...Atomic Plants; Contamination - Water; Radioactive Contamination; Radiologic Health; Reactor Sites & Rad Waste; Water Pollution Sources; ...5.0908

HAIR AS A MEASURE OF INTERNAL CONTAMINATION WITH RADIONUCLIDES ...Radiation Effects - Biological; Radioactive Isotopes; ...5.0917

RADIATION SAFETY COMMITTEE (U-109) ...Fast Neutrons; Ionizing Radiation -see Rad.; Neutron -see Radiation; Radiation Injury Prevention; Radioactive Hazard; Radiologic Health; X and Gamma Rays; ...5.0950

RADIOISOTOPES AS PARTICLES AND VOLATILES ...Radioactive Hazard; ...5.0962

Radium

ENVIRONMENTAL RADIOACTIVITY AND TRACE ELEMENTS IN MAN ...Air Pollution -see Specifics; Lead; Mineralization; Puerto Rico; ...1.0196

STRONTIUM-90 LEVELS ON THE DIETS AND BONES OF CHILDREN ...Metabolism & Metab. Diseases; Radioactive Isotopes; Radiologic Health; Strontium; ...5.0001

TISSUE CULTURE RESEARCH AND PLANS FOR ITS EXTENSION ...Californium; Cellular Repair Mechanisms; Ionic Effect; Plants; Radiation Effects - Biological; ...5.0056

RADIOACTIVITY AND TRACE ELEMENTS IN HUMAN BONE AND DIET ...Cesium; Food Contamination; Radiation Effects - Biological; Radiologic Health; Strontium; ...5.0057

LEVELS OF NATURAL RADIOACTIVITY IN MAN AND HIS ENVIRONMENT ...Food Contamination; Lead; Radiologic Health; Uranium; ...5.0058

EFFECT OF PROLONGED LOW DOSE RATE CO60 GAMMA RAY EXPOSURE TO BEAGLES ...Canidae; Cobalt; Radiation Effects - Biological; Radiation, Low Level; Radiation, Whole Body; Strontium; X and Gamma Rays; ...5.0132

COMPARATIVE TOXICITY OF SR90 AND RA226 IN BEAGLES ...Body Isotope Burden; Canidae; Food Contamination; Radiologic Health; Strontium; ...5.0134

STUDY OF INTERNAL CONTAMINATION WITH STRONTIUM-90 AND RADIUM-226 IN MAN IN RELATION TO CLINICAL FINDINGS ...Radiation Effects - Biological; Strontium; ...5.0222

METABOLISM AND DISTRIBUTION OF BONE-SEEKING NUCLIDES BY MAN ...Alpha Particles; Feces; Lead; Polonium; Urine; ...5.0282

MECHANISMS AND MODELS OF SKELETAL METABOLISM--THEORETICAL ...Canidae; Metabolism and Biochemistry; Radiation Effects - Biological; Radioisotopes -nonspecific; Radiologic Health; ...5.0283

MEASUREMENTS OF RADIOACTIVITY IN VIVO AND APPLICATIONS IN HUMAN RADIOBIOLOGY ...Accident; Occupational Hazards; Promethium; Radiation, Low Level; Radiologic Health; ...5.0285

THE EFFECT OF RADIUM IN HUMAN BONE ...Radiation Dose Studies-general; ...5.0288

RADIATION DAMAGE TO RADIUM-BURDENED HUMANS ...Factory Workers, Occupational Hazards; Radiation Carcinogenesis; ...5.0291

THE LATE EFFECTS AND METABOLISM OF THE BONE SEEKING RADIOELEMENTS ...Muridae; Radiation; Radiation Carcinogenesis; ...5.0303

FATE OF RADIUM AND OTHER RADIONUCLIDES IN LIVING ORGANISMS ...Body Isotope Burden; Canidae; Lead; Occupational Hazards; Tungsten; ...5.0499

THE EFFECT OF INTERNAL EMITTERS ON THE HEMATOPOIETIC SYSTEM ...Americum; Canidae; Plutonium; Strontium, Thorium; ...5.0718

ASSESSMENT, EVALUATION AND CONTROL OF RADIATION EXPOSURE TO MAN AND HIS ENVIRONMENT - EXPOSURE TO EXTERNAL AND INTERNAL RADIATION ...Americum; Digestive System - Human; Plutonium; Radiologic Health; Strontium; Tumor Pathology; ...5.0719

RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIONUCLIDES IN THE BEAGLE SKELETON ...Alpha Particles; Canidae; Injury and Shock; Radiation Carcinogenesis; Strontium; ...5.0723

RADIUM INDUCED EYE TUMORS ...Canidae; Plutonium; Radiation Carcinogenesis; Radiation Dose Studies-general; Strontium; Thorium; ...5.0727

RADIATION PROTECTION AND MEASUREMENT ...Disposal Methods; Food Contamination; Neutron -see Radiation; Particle Accelerators; Radiation Shielding; Radioactive Isotopes; Strontium; X and Gamma Rays; ...5.0800

SEQUENTIAL RADIOCHEMICAL DETERMINATION OF RADIUM-226, 228, ACTINIUM-227 AND THORIUM-230 IN ENVIRONMENTAL AND PROCESS WASTE SAMPLES ...Actinium A C; Dosimetry; Mine Wastes; Thorium; Uranium; ...5.0820

GROSS ALPHA DETERMINATION IN ENVIRONMENTAL AND BIOLOGICAL SAMPLES ...Alpha Particles; Californium; Feces; Polonium; Radioactive Isotopes; Reduction Reactions; Urine; ...5.0823

SINUS DOSIMETRY IN RADIUM POISONING CASES ...Alpha Particles; Occupational Hazards; Radiation Carcinogenesis; ...5.0827

RELATIONSHIP BETWEEN THE PHYSICAL PROPERTIES OF INHALED AEROSOLS AND RESPIRATORY DEPOSITION ...Aerosols; Miners; Models (physical) of Anim.&man; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0874

INVESTIGATION OF THE THICKNESS OF BRONCHIAL EPITHELIUM ...Alpha Particles; ...5.0905

RADIOLOGICAL AND HEALTH PHYSICS - ESTIMATION OF INTERNAL EXPOSURE ...Beta Particles; Digestive System - Human; Hydrogen; Plutonium; Respiratory Irritants, Inhaled; ...5.0937

RELATIONSHIP OF LOCAL RADIATION DOSE OF BONE-SEEKING RADIONUCLIDES TO DAMAGE ...Aging; Canidae; Cell Injury and Autolysis; Radiation Carcinogenesis; ...5.0951

RETENTION AND DOSIMETRY OF BONE SEEKING RADIONUCLIDES IN BEAGLES ...Americum; Canidae; Lead; Plutonium; Strontium; Thorium; ...5.0952

BONE CANCER INDUCTION BY RADIONUCLIDES INCIDENCE VS DOSE ...Alpha Particles; Canidae; Muridae; Plutonium; Radiation, Low Level; Strontium; ...5.0954

INHALATION HAZARDS TO URANIUM MINERS - RADIOCHEMICAL STUDIES ...Aerosols; Mammals -nonspecific; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Scintillation Counting; Spectrographic Techniques; ...5.0961

Radon

CHARACTERIZATION OF EXPOSURE AEROSOLS ...Aerosols; Air Pollution -see Specifics; Data & Statistics Info Storage; Electrostatic; Respiratory Irritants, Inhaled; Toxicology; ...1.0236

RADON PROGENY INHALATION EXPOSURES TO URANIUM MINERS ...Environmental Carcinogenesis; Lead; Polonium; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0023

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Colorado; Environmental Effects - Human; Miners; Radiation Carcinogenesis; Radiation Sources - general; Respiratory Irritants, Inhaled; Uranium; ...5.0044

CHROMOSOME ABERRATIONS IN PERIPHERAL BLOOD LYMPHOCYTES IN AREAS OF HIGHER ATMOSPHERIC CONCENTRATIONS OF NATURAL RADON-222 ...Environmental Effects - Human; Radiation Effects - Biological; Radiologic Health; ...5.0098

THE CYTOGENETICS OF URANIUM MINERS EXPOSED TO RADON 222 ...Bioassays; Body Isotope Burden; Occupational Hazards; Radiation Carcinogenesis; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0207

THEORETICAL DESCRIPTION OF THE INTERACTIONS THAT OCCUR BETWEEN RADON DECAY PRODUCTS AND AEROSOLS ...Adsorption; Aerosols; Radiation Effects - Biological; Radioactive Hazard; Respiratory Irritants, Inhaled; ...5.0447

THE RADIOBIOLOGY AND TOXICOLOGY OF RADON AND OTHER RADIOACTIVE GASES ...Canidae; Krypton; Miners; Muridae; Respiratory Irritants, Inhaled; Uranium; X and Gamma Rays; ...5.0505

PB-210 STUDIES IN BEAGLES ...Body Isotope Burden; Digestive System - Human; Food Contamination; Lead; Polar Oceanic Areas; Radiologic Health; Toxicology; ...5.0721

URANIUM MINERS EXFOLIATIVE PATHOLOGY ...Canidae; Occupational Hazards; Plutonium; Radiation Effects - Biological; Tobacco -cigarettes; Uranium; ...5.0737

INHALATION HAZARDS TO URANIUM MINERS, BIOLOGICAL STUDIES ...Air Pollution -see Specifics; Canidae; Co-carcinogenesis; Miners; Radiation Carcinogenesis; Tobacco - cigarettes; ...5.0754

RADON AND SILICON DIOXIDE TOXICITY ON RATS' LUNGS ...Muridae; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Toxicology; ...5.0771

RADON PROGENY INHALATION STUDY ...Air Pollution -see Specifics; Miners; Occupational Hazards; Radiologic Health; Respiratory Irritants, Inhaled; Whole Body; ...5.0802

RADON PROGENY EXPOSURE CONTROL IN BUILDINGS ...Building Design; Construction Materials; Radiation Injury Prevention; Radioactive Isotopes; Respiratory Irritants, Inhaled; ...5.0803

STUDIES OF URANIUM MINER HAZARDS ASSOCIATED WITH RADON ...Bioassays; Feces; Lead; Occupational Hazards; Radiation Effects - Biological; Urine; ...5.0885

RESPIRATORY TRACT DOSE MODEL FOR URANIUM MINERS ...Alpha Particles; Mathematical Models; Models (physical) of Anim.&man; Respiratory Irritants, Inhaled; ...5.0904

INHALATION HAZARDS TO URANIUM MINERS - RADIOCHEMICAL STUDIES ...Aerosols; Mammals -nonspecific; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Radium; Scintillation Counting; Spectrographic Techniques; ...5.0961

Rubidium

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Energy Conversion; Flume Studies; Model Studies; Turbidity (water); Water Pollution Sources; ...2.0813

Ruthenium

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Salinity (water); Water Cycle; Zinc; ...2.0281

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Cesium; Environmental Ecology; Invertebrate Physiology; Plant Ecology -nonspecific; Plant Freshwater Ecology; Productivity of Freshwater; Radioactive Pollution -as; ...5.0069

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Beta Particles; Lactuca; Pisum; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; Triticum; Zea Mays - Field Corn; ...5.0106

METABOLISM OF NUCLEAR DEBRIS IN THE DOG AND THE PIG ...Capra; Iodine; Molybdenum; Radiologic Health; Sus; Tellurium; Tungsten; ...5.0137

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Aerosols; Canidae; Muridae; Radiation Effects - Biological; Radiologic Health; Respiratory Irritants, Inhaled; Stibium; Thulium; ...5.0440

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Cobalt; Europium; Lichenes; Radiation Resistance -animals; Radiologic Health; Stibium; Zirconium; ...5.0742

Samadium

INTERNAL DEPOSITIONS OF RADIONUCLIDES IN MAN ...Muridae; Occupational Hazards; Plutonium; Promethium; Radiation Injury Prevention; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0957

Scandium

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Trace Elements; Water Analysis; Zinc; ...2.0320

THE METABOLISM OF THE RARE EARTHS FOLLOWING INHALATION - PATHOLOGIC AND BIOCHEMICAL RESPONSE IN THE LUNG AND OTHER ORGANS ...Aerosols; Environmental Effects - Human; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Thulium; Ytterbium; ...5.0049

Selenium

TOTAL-BODY COUNTING FACILITY ...Canidae; Detectors; Rabbits; Whole Body; ...5.0832

DEVELOPMENT AND APPLICATION OF MULTICHANNEL SCANNING ...Canidae; Metabolism & Metab. Diseases; Radiation, Whole Body; Whole Body; X and Gamma Rays; ...5.0835

RADIATION DOSE FROM DIAGNOSTIC ISOTOPE PROCEDURES ...Beta Particles; Chlorine; Committee Support; Iodine; Mercury; Technetium; ...5.0873

Silver

DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN AND BEHAVIOR OF TRACE ELEMENTS IN THE OCEAN AND ORGANISMS (ABBREV) ...Animal Migration; Marine Animals; Radioactive Fallout-cf Fallout; Scombridae; ...2.0504

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Cobalt; Europium; Lichenes; Radiation Resistance -animals; Radiologic Health; Ruthenium; Stibium; Zirconium; ...5.0742

Sodium

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Iodine; Ms-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

BIOLOGICAL AVAILABILITY TO DAIRY PRODUCTS OF MAN-MADE RADIONUCLIDES ...Bos; Food Contamination; Germanium; Hydrogen; Radiation Injury Prevention; ...5.0011

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; ...5.0075

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Lead; Manganese; Mercury; Radiation Injury Prevention; Thallium; Tungsten; Zinc; ...5.0136

NUCLIDE METABOLISM ...Calcium; Cesium; Chlorine; Feces; Iron; Mammals -nonspecific; Radiation Injury Prevention; Whole Body; ...5.0155

RADIATION DETECTORS FOR USE IN NUCLEAR/CRITICALITY ACCIDENT DOSIMETRY ...Accident; Detectors; Dosimetry; Instrumentation; Neutron Detectors; Radioactive Hazard; Sulfur; ...5.0916

Stibium

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Zirconium; ...5.0051

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Aerosols; Canidae; Muridae; Radiation Effects - Biological; Radiologic Health; Respiratory Irritants, Inhaled; Thulium; ...5.0440

GENERATION OF MONODISPERSE AEROSOLS OF INSOLUBLE FORMS FOR USE IN INHALATION EXPOSURES ...Aerosols; Body Isotope Burden; Chelation & Complexing; Electrical Phenomena; Fission Products-see Radioact.; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Zirconium; ...5.0448

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Cobalt; Europium; Lichenes; Radiation Resistance -animals; Radiologic Health; Ruthenium; Zirconium; ...5.0742

Strontium

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Contamination - Water; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Seismology; ...1.0025

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Atlantic Ocean; Contamination - Water; Italy; Marine Environments; Plankton; Radioactivity; Radioecology - Plants, Trace Elements; ...2.0154

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Animal Productivity; Aquatic Ecology - Animal; Cesium; Copper; Invertebrate Physiology; Phosphorus; Potassium; Temperature (water); Zinc; ...2.0201

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Energy Conversion; Flume Studies; Model Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Residues in Foods; Sub - Polar Regions; ...4.1008

STRONTIUM-90 LEVELS ON THE DIETS AND BONES OF CHILDREN ...Metabolism & Metab. Diseases; Radioactive Isotopes; Radiologic Health; Radium; ...5.0001

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; ...5.0030

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Cesium; Contamination - Water; Cyprinidae; Energy Budgets; Plant Ecology -nonspecific; Radioactive Fallout; Reactor Sites & Rad Waste; ...5.0038

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - II. MOVEMENT OF RADIONUCLIDE IONS IN SOILS ...Absorption (incl. Adsorption); Mathematical Models; Radioisotopes; Soil Chemical Properties; ...5.0039

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOCATIVE MATERIALS ...Absorption (incl. Adsorption); Ion Transport and Elect. Pot.; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Soil Tillage; X and Gamma Rays; ...5.0043

EXPERIMENTAL RADIONUCLIDE STUDIES ...Hydrogen; Krypton; Plutonium; Radiation Dose Studies-general; Radiation, Low Level; Radioactive Fallout-cf Fallout; ...5.0045

BIOLOGICAL EFFECTS OF IMPLANTED NUCLEAR ENERGY SOURCES FOR ARTIFICIAL HEART DEVICES (ABBREV) ...Californium; Canidae; Isotopes Development; Neutron -see Radiation; Protons; Yttrium; ...5.0054

PREDICTION OF TOTAL CONSUMPTION OF FALLOUT RADIONUCLIDES BY HUMANS FROM MILK (ABBREV) ...Cesium; Food Contamination; Iodine; Mathematical Models; Nuclear Warfare; Radiologic Health; Radiologic Warfare; ...5.0055

RADIOACTIVITY AND TRACE ELEMENTS IN HUMAN BONE AND DIET ...Cesium; Food Contamination; Radiation Effects - Biological; Radiologic Health; Radium; ...5.0057

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing, Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

UPTAKE OF RADIACTIVE MATERIALS THROUGH FOOD CHAINS ...Animal Productivity; Cesium; Food Contamination; Iodine; Yttrium; ...5.0066

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Cesium; Environmental Ecology; Invertebrate Physiology; Plant Ecology -nonspecific; Plant Freshwater Ecology; Productivity of Freshwater; Radioactive Pollution -ns; Ruthenium; ...5.0069

ENVIRONMENTAL EFFECTS ON THE CONTENT OF CS137 IN MILK ...Air Pollution -see Specifics; Deposition-general; Food Contamination; Lakes; Radioactive Fallout; Reservoirs and Impoundments; ...5.0081

REMOVING RADIOACTIVE FALLOUT FROM VEGETABLES AND FRUITS DURING PROCESSING ...Cesium; Fragaria; Plants; Radioactive Contamination; Solanum; Vegetables; ...5.0105

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Beta Particles; Lactuca; Pisum; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Triticum; Zea Mays - Field Corn; ...5.0106

STUDIES OF TRANSURANIC ELEMENTS AND OTHER RADIOACTIVE BONE-SEEKERS ...Aging; Americum; Astatine; Californium; Muridae; Primates -nonspecific; Radiation Injury Prevention; ...5.0108

STUDY OF RADIONUCLIDE EFFECTS ON PLANT GROWTH - WITH SPECIAL REGARD TO PLANT DAMAGE CAUSED BY IONIZING RADIATION ...Beta Particles; Dosimetry; Lactuca; Plants; Radioactive Isotopes; Triticum; Yttrium; ...5.0118

CELLULAR AND CYTOGENETIC EVALUATION OF RADIATION EFFECT ...Canidae; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Sciuridae; X and Gamma Rays; ...5.0131

EFFECT OF PROLONGED LOW DOSE RATE CO60 GAMMA RAY EXPOSURE TO BEAGLES ...Canidae; Cobalt; Radiation Effects - Biological; Radiation, Low Level; Radiation, Whole Body; Radium; X and Gamma Rays; ...5.0132

COMPARATIVE TOXICITY OF SR90 AND RA226 IN BEAGLES ...Body Isotope Burden; Canidae; Food Contamination; Radiologic Health; Radium; ...5.0134

FISSION PRODUCT CYCLES IN AN AGRICULTURAL SYSTEM - VALIDATION OF MODEL ...Lycopersicum; Models of Biological Systems; Radioactive Contamination; Soil Chemical Properties; Vegetables; ...5.0154

NUCLIDE METABOLISM ...Calcium; Cesium; Chlorine; Feces; Iron; Mammals -nonspecific; Radiation Injury Prevention; Sodium; Whole Body; ...5.0155

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic Bomb; Colorado; Grasslands; Ochotonidae; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; X and Gamma Rays; ...5.0211

STUDY OF INTERNAL CONTAMINATION WITH STRONTIUM-90 AND RADIUM-226 IN MAN IN RELATION TO CLINICAL FINDINGS ...Radiation Effects - Biological; Radium; ...5.0222

SOFT TISSUE RETENTION OF STRONTIUM-90 ...Rodentia - other; Vertebrates Excl. Man; Yttrium; ...5.0270

TOXICITY OF RADIOSTRONTIUM IN DOGS ...Canidae; Developmental Physiology; Radiation Carcinogenesis; Radiation Effects - Biological; Tumor Pathology; ...5.0274

INTERACTION OF SR90 WITH ONCOGENIC AND NON-ONCOGENIC VIRUS IN PRODUCING BONE CANCER IN MICE ...Co-carcinogenesis; Muridae; Radiation Carcinogenesis; Radiation Effects - Biological; Tumor Pathology; Viral Carcinogenesis; Viruses - Animal; ...5.0275

LATENT PERIOD TO THE INDUCTION OF BONE CANCER BY SR90 IN MICE ...Muridae; Radiation Carcinogenesis; Tumor Pathology; ...5.0276

ANIMAL METABOLIC STUDIES OF STRONTIUM AND CALCIUM WITH SPECIAL REFERENCE TO FALLOUT RADIONUCLIDES ...Bos; Calcium; Capra; Radioactive Fallout-cf Fallout; Sus; ...5.0317

STEM CELL PROLIFERATION AND DIFFERENTIATION ...Anoxia and Hypoxia; Biochemical Analysis - Tissues; Muridae; ...5.0332

METABOLISM AND DOSIMETRY OF 90SR INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Canidae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Yttrium; ...5.0427

TOXICITY OF INHALED 90SR CHLORIDE IN THE BEAGLE DOG ...Aerosols; Canidae; Nuclear Warfare; Respiratory Irritants, Inhaled; Urine; ...5.0428

DISTRIBUTION AND EXCRETION OF 137 CS INHALED IN FUSED CLAY PARTICLES BY THE DOG ...Aerosols; Cerium; Fission Products-see Radioact.; Radiation Injury Prevention; Radioactive Isotopes; ...5.0429

CHROMOSOME ABERRATIONS PRODUCED BY INTERNALLY DEPOSITED RADIOACTIVE MATERIALS IN THE CHINESE HAMSTER ...Alpha Particles; Beta Particles; Cellular Model Systems; Cerium; Digestive System - Human; Radiation Injury Prevention; ...5.0433

TOXICITY OF INHALED 90Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Canidae; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0435

METABOLISM AND DOSIMETRY OF Y91 INHALED AS FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Canidae; Feces; Respiratory Irritants, Inhaled; Yttrium; ...5.0441

TOXICITY OF SR90 IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Canidae; Radiation Dose Studies-general, Respiratory Irritants, Inhaled; ...5.0442

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Aerosols; Barium; Cerium; Fission Products-see Radioact.; Praseodymium; Radioactivity, Yttrium; ...5.0446

PHASE I. FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS: RADIATION EFFECTS ON REPRODUCTION AND EMBRYOGENESIS ...Cellular Viability; Embryonic Growth Stages; Muridae; Radiation Effects - Biological; ...5.0480

PHASE I FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS - SOME ASPECTS OF STRONTIUM METABOLISM ...Metabolism & Metab. Diseases; Muridae; Radiation Carcinogenesis; Sus; ...5.0481

CONTROL OF FISSION PRODUCTS INGESTED BY LIVESTOCK ...Bos; Cesium; Iodine; Livestock -nonspecific; Vertebrates Excl. Man; X and Gamma Rays; ...5.0482

SR-90 METABOLIC BALANCE STUDIES ...Cooperative Studies; Digestive System - Human; Radiation Injury Prevention; Urine; ...5.0494

THE LONG-TERM TURNOVER OF RADIONUCLIDES IN MAN ...Cesium; Computer Methods -general; Metabolism & Metab. Diseases; Metabolism and Biochemistry; Radiation Effects - Man; Radiologic Health; Zinc; ...5.0521

PHASE I - FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS - FISSION PRODUCT STUDIES ...Bos; Cerium; Cesium; Radioactive Fallout-cf Fallout; ...5.0566

CHARACTERIZATION OF SOIL & VEGETATION TO SERVE AS A BASIS FOR FUTURE EVALUATIONS OF RADIOACTIVE CONTAMINATION EFFECTS (ABBREV) ...Absorption (incl. Adsorption); Chemical Extraction; Diquat; Paraquat; Radioactive Fallout; Soil Water Plant Relationships; Water Pollutants - Path of; ...5.0570

ANIMAL METABOLISM OF FISSION PRODUCTS AND RELATED NUCLIDES ...Beta Particles; Calcium; Ovis; Radioactive Fallout-cf Fallout; Rumen Bacteria; Sus; Yttrium; ...5.0611

RADIOTOXICITY OF FISSION PRODUCT ELEMENTS ...Beta Particles; Injury -animal; Radiation Effects; Radioactive Pollution -ns; Vertebrates Excl. Man; Yttrium; Zinc; ...5.0612

RENAL PHARMACOLOGY AND TOXICOLOGY OF FALLOUT NUCLIDES ...Arsenic; Lead; Radiologic Health; Toxicology; Zirconium; ...5.0625

METABOLISM OF TRACE ELEMENTS ...Beta Particles; Bos; Ovis; Radiation Effects - Biological; Radiation, Whole Body; X and Gamma Rays; Zinc; ...5.0658

RADIATION STUDIES ON LIVESTOCK UNDER SIMULATED FALLOUT CONDITIONS ...Animal Productivity; Bos; Radiation Effects; Radioactive Fallout-cf Fallout; Sus; X and Gamma Rays; ...5.0659

EFFECT OF DOSE RATE AND TOTAL DOSE OF GAMMA IRRADIATION UPON METABOLIC PARAMETERS IN BIRDS ...Calcium; Gallus Domesticus; Injury -animal; Phosphorus; Radiation Effects - Biological; X and Gamma Rays; ...5.0672

THE METABOLISM OF STRONTIUM AND RELATED NUCLIDES IN POULTRY ...Calcium; Gallus Domesticus; Phosphorus; Phosphorus and Phosphorus Cpds; Radiation Effects; Vertebrates Excl. Man; X and Gamma Rays; ...5.0673

THE EFFECT OF INTERNAL EMITTERS ON THE HEMATOPOIETIC SYSTEM ...Americum; Canidae; Plutonium; Radium; Thorium; ...5.0718

ASSESSMENT, EVALUATION AND CONTROL OF RADIATION EXPOSURE TO MAN AND HIS ENVIRONMENT - EXPOSURE TO EXTERNAL AND INTERNAL RADIATION ...Americum; Digestive System - Human; Plutonium; Radiologic Health; Tumor Pathology; ...5.0719

RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIONUCLIDES IN THE BEAGLE SKELETON ...Alpha Particles; Canidae; Injury and Shock; Radiation Carcinogenesis; ...5.0723

RADIUM INDUCED EYE TUMORS ...Canidae; Plutonium; Radiation Carcinogenesis; Radiation Dose Studies-general; Radium; Thorium; ...5.0727

FATE AND EFFECTS OF RADIONUCLIDES IN ALASKA ...Alaska; Cesium; Lichenes; Radiation Effects - Biological; Radiologic Health; ...5.0736

RADIATION PROTECTION AND MEASUREMENT ...Disposal Methods; Food Contamination; Neutron -see Radiation; Particle Accelerators; Radiation Shielding; Radioactive Isotopes; X and Gamma Rays; ...5.0808

TOOTH COLLECTION FOR RADIOACTIVE NUCLIDE STUDY ...Children; Food Contamination; Human Developmental Biology; Radiation Effects - Biological; Radiologic Health; ...5.0860

CONTROL OF ION CONTENT OF CELLS ...Active Transport; Cell Injury and Autolysis; Cellular Model Systems; Ionic Effect; Microorganisms; Potassium; Zooplankton; ...5.0886

IN-VIVO MEASUREMENT OF RADIONUCLIDES IN MAN ...Calcium; Metabolism and Biochemistry; Potassium; Radiologic Health; X and Gamma Rays; ...5.0894

RADIOLOGICAL AND HEALTH PHYSICS - ESTIMATION OF INTERNAL EXPOSURE ...Beta Particles; Digestive System - Human; Hydrogen; Plutonium; Radium; Respiratory Irritants, Inhaled; ...5.0937

WHOLE BODY RETENTION AND DISTRIBUTION MEASUREMENT OF RADIOISOTOPES IN MAN ...Cobalt; Computer Methods -general; Information Systems; Iodine; Models (physical) of Anim.&man; ...5.0943

RETENTION AND DOSIMETRY OF BONE SEEKING RADIONUCLIDES IN BEAGLES ...Americum; Canidae; Lead; Plutonium; Radium; Thorium; ...5.0952

BONE CANCER INDUCTION BY RADIONUCLIDES INCIDENCE VS DOSE ...Alpha Particles; Canidae; Muridae; Plutonium; Radiation, Low Level; ...5.0954

EFFECTS OF RADIOSTRONTIUM IN MINIATURE SWINE ...Radiation Effects - Biological; Sus; ...5.0955

Sulfur

PESTICIDE RESIDUES IN PLANTS ANIMALS AND SOILS ...Carbamates -nonspecific; Carbon; Fungicides -nonspecific; Pesticide Phytotoxicity; Pesticide Residue Analysis; ...4.0298

FATE AND SIGNIFICANCE OF LABELLED PESTICIDES RESIDUES IN RICE ...Carbon; Fungicides -nonspecific; Metabolites From Pesticides; Oryzeae; Phosphorus; ...4.0312

STUDY OF THE LATENT EFFECTS OF GAMMA IRRADIATION ON HUMAN ENAMEL ...Dyes -nonspecific; Phosphorus and Phosphorus Cpds; Radiation Effects - Biological; X and Gamma Rays; ...5.0568

EFFECT OF PH ON CALCIUM AND PHOSPHORUS DEMINERALIZATION OF IRRADIATED TOOTH ENAMEL ...Dyes -nonspecific; Phosphorus and Phosphorus Cpds, X and Gamma Rays; ...5.0569

RADIATION DETECTORS FOR USE IN NUCLEAR/CRITICALITY ACCIDENT DOSIMETRY ...Accident; Detectors; Dosimetry; Instrumentation; Neutron Detectors; Radioactive Hazard; ...5.0916

Tantalum

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Lead; Manganese; Mercury; Radiation Injury Prevention; Sodium; Thallium; Tungsten; Zinc; ...5.0136

DETERMINATION OF UPTAKE RATES, ORGAN SPECIFICITIES, AND BIOLOGICAL LIFETIMES OF RADIOISOTOPES AND ELEMENTAL SPECIES IN THE RAT ...Barium; Chelation & Complexing; Gamma Spectroscopy; Mercury; Radiation Injury Prevention; ...5.0781

Technetium

EFFECT OF IONIZING RADIATION ON BIOLOGIC HALF-LIFE OF 57COBALT IN THE MOUSE ...Cobalt; Colloids; Muridae; Radiation Dose Studies-general; X and Gamma Rays; ...5.0401

RADIATION DOSE FROM DIAGNOSTIC ISOTOPE PROCEDURES ...Beta Particles; Chlorine; Committee Support; Iodine; Mercury; Selenium; ...5.0873

Tellurium

METABOLISM OF NUCLEAR DEBRIS IN THE DOG AND THE PIG ...Capra; Iodine; Molybdenum; Radiologic Health; Ruthenium; Sus; Tungsten; ...5.0137

Thallium

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Lead; Manganese; Mercury; Radiation Injury Prevention; Sodium; Tungsten; Zinc; ...5.0136

Thorium

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; ...5.0100

HUMAN RADIATION STUDIES ...Atomic Bomb; Iodine; Nevada; Radiation Dose Studies-general; Radiation Sensitivity man; Respiratory Disease; ...5.0372

LATE EFFFCTS OF THORIUM DIOXIDE RETENTION IN HUMANS ...Injury and Shock; Radiation Effects - Man; Radiation Injury Prevention; Radiation Sources -general; ...5.0386

FOLLOW-UP STUDY OF THOROTRAST PATIENTS ...Epidemiology; Miners; Respiratory Disease; ...5.0599

THE EFFECT OF INTERNAL EMITTERS ON THE HEMATOPOIETIC SYSTEM ...Americum; Canidae; Plutonium; Radium; Strontium; ...5.0718

ASSESSMENT, EVALUATION AND CONTROL OF RADIATION EXPOSURE TO MAN AND HIS ENVIRONMENT - EXPOSURE TO EXTERNAL AND INTERNAL RADIATION ...Americum; Digestive System - Human; Plutonium; Radiologic Health; Strontium; Tumor Pathology; ...5.0719

RELATIVE BIOLOGICAL EFFECTIVENESS OF RADIONUCLIDES IN THE BEAGLE SKELETON ...Alpha Particles; Canidae; Injury and Shock; Radiation Carcinogenesis; Strontium; ...5.0723

RADIUM INDUCED EYE TUMORS ...Canidae; Plutonium; Radiation Carcinogenesis; Radiation Dose Studies-general; Radium; Strontium; ...5.0727

SEQUENTIAL RADIOCHEMICAL DETERMINATION OF RADIUM-226, 228, ACTINIUM-227 AND THORIUM-230 IN ENVIRONMENTAL AND PROCESS WASTE SAMPLES ...Actinium A C; Dosimetry; Mine Wastes; Radium; Uranium; ...5.0820

RETENTION AND DOSIMETRY OF BONE SEEKING RADIONUCLIDES IN BEAGLES ...Americum; Canidae; Lead; Plutonium; Radium; Strontium; ...5.0952

BONE CANCER INDUCTION BY RADIONUCLIDES INCIDENCE VS DOSE ...Alpha Particles; Canidae; Muridae; Plutonium; Radiation, Low Level; Strontium; ...5.0954

Thulium

THE METABOLISM OF THE RARE EARTHS FOLLOWING INHALATION - PATHOLOGIC AND BIOCHEMICAL RESPONSE IN THE LUNG AND OTHER ORGANS ...Aerosols; Environmental Effects - Human; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Ytterbium; ...5.0049

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Aerosols; Canidae; Muridae; Radiation Effects - Biological; Radiologic Health; Respiratory Irritants, Inhaled; Stibium; ...5.0440

Tin

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Lead; Manganese; Mercury; Radiation Injury Prevention; Sodium; Thallium; Tungsten; Zinc; ...5.0136

Tungsten

RADIONUCLIDE CYCLING IN NATURAL POPULATIONS OF AMPHIBIANS ...Amphibians; Aquatic Ecology - Animal; Contamination - Water; Iodine; Manganese; Water Cycle; Zinc; ...2.0331

RADIOECOLOGY OF DEBRIS RADIONUCLIDES AT INTERMEDIATE DISTANCES FROM NUCLEAR CRATERING EVENTS ...Contamination - Water; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Radioactive Fallout-cf Fallout; Wildlife -nonspecific; ...5.0006

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Lead; Manganese; Mercury; Radiation Injury Prevention; Sodium; Thallium; Zinc; ...5.0136

METABOLISM OF NUCLEAR DEBRIS IN THE DOG AND THE PIG ...Capra; Iodine; Molybdenum; Radiologic Health; Ruthenium; Sus; Tellurium; ...5.0137

FATE OF RADIUM AND OTHER RADIONUCLIDES IN LIVING ORGANISMS ...Body Isotope Burden; Canidae; Lead; Occupational Hazards; Radium; ...5.0499

Uranium

TREATMENT OF TAILINGS TO ENHANCE PLANT GROWTH AND PROMOTE STABILIZATION OF TAILINGS ...Bibliography; Lead; Mine Wastes; Mining Industry; Soil Amendments; Toxic Minerals; Zinc; ...3.0043

DETERMINATION OF U-235 ENRICHMENT IN UNIRRADIATED URANIUM BEARING STREAMS ...Radioactive Isotopes; Water Pollution Sources; Water Quality Control - general; X-ray Spectroscopy; ...5.0002

RADON PROGENY INHALATION EXPOSURES TO URANIUM MINERS ...Environmental Carcinogenesis; Lead; Polonium; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0023

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Colorado; Environmental Effects - Human; Miners; Radiation Carcinogenesis; Radiation Sources - general; Radon; Respiratory Irritants, Inhaled; ...5.0044

BIOLOGICAL RESPONSE TO SMALL, DISCRETE, HIGHLY RADIOACTIVE PARTICLES ...Environmental Effects - Human; Injury and Shock; Muridae; Radiation; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0052

LEVELS OF NATURAL RADIOACTIVITY IN MAN AND HIS ENVIRONMENT ...Food Contamination; Lead; Radiologic Health; Radium; ...5.0058

INTERAGENCY REVIEW OF THE HEALTH HAZARDS OF URANIUM MINING - COMPARISON OF EXPERIMENTAL TO EMPIRICAL RESULTS ...Epidemiology; Miners; Radiation Carcinogenesis; Radiologic Health; Tumor Pathology; ...5.0060

THE CYTOGENETICS OF URANIUM MINERS EXPOSED TO RADON 222 ...Bioassays; Body Isotope Burden; Occupational Hazards; Radiation Carcinogenesis; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0207

EFFECT OF URANIUM ON THE TRACHEOBRONCHIAL TREE ...Colorado; Meetings; Occupational Hazards; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0423

BIOLOGIC AND PHYSICAL ASPECTS OF AIRBORNE AGENTS ...Canidae; Europium; Injury and Shock; Lutecium; Monkey; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0502

THE RADIOBIOLOGY AND TOXICOLOGY OF RADON AND OTHER RADIOACTIVE GASES ...Canidae; Krypton; Miners; Muridae; Radon; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0505

MORPHOLOGICAL AND CYTOLOGICAL STUDIES OF LUNG RESPONSES TO INHALATION AND IRRADIATION ...Aerosols; Monkey; Plutonium; Radiation Dose Studies-general; Respiratory Irritants, Inhaled; Tumor Pathology; X and Gamma Rays; ...5.0510

PB-210 STUDIES IN BEAGLES ...Body Isotope Burden; Digestive System - Human; Food Contamination; Lead; Polar Oceanic Areas; Radiologic Health; Toxicology; ...5.0721

URANIUM MINERS EXFOLIATIVE PATHOLOGY ...Canidae; Occupational Hazards; Plutonium; Radiation Effects - Biological; Radon; Tobacco -cigarettes; ...5.0737

INHALATION HAZARDS TO URANIUM MINERS, BIOLOGICAL STUDIES ...Air Pollution -see Specifics; Canidae; Co-carcinogenesis; Miners; Radiation Carcinogenesis; Radon; Tobacco - cigarettes; ...5.0754

STUDIES ON THE EFFECTS (BIOCHEMICAL, MORBIDITY AND MORTALITY) OF RADIOACTIVE CONSTITUENTS OF URANIUM ORE ON HEALTH OF WORKERS ...Air Pollution - see Specifics; Miners; Occupational Hazards; Radiation Carcinogenesis; Respiratory Disease; Tobacco -cigarettes; ...5.0770

SEQUENTIAL RADIOCHEMICAL DETERMINATION OF RADIUM-226, 228, ACTINIUM-227 AND THORIUM-230 IN ENVIRONMENTAL AND PROCESS WASTE SAMPLES ...Actinium A C; Dosimetry; Mine Wastes; Radium; Thorium; ...5.0820

DEVELOPMENT OF PROCEDURES (METHODOLOGY) OF DETERMINATION OF NATURAL URANIUM IN DIFFERENT BODY ORGANS ...Plutonium; Radiation Effects - Biological; ...5.0949

Ytterbium

THE METABOLISM OF THE RARE EARTHS FOLLOWING INHALATION - PATHOLOGIC AND BIOCHEMICAL RESPONSE IN THE LUNG AND OTHER ORGANS ...Aerosols; Environmental Effects - Human; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Thulium; ...5.0049

Yttrium

THE METABOLISM OF THE RARE EARTHS FOLLOWING INHALATION - PATHOLOGIC AND BIOCHEMICAL RESPONSE IN THE LUNG AND OTHER ORGANS ...Aerosols; Environmental Effects - Human; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Thulium; Ytterbium; ...5.0049

BIOLOGICAL EFFECTS OF IMPLANTED NUCLEAR ENERGY SOURCES FOR ARTIFICIAL HEART DEVICES (ABBREV) ...Californium; Canidae; Isotopes Development; Neutron -see Radiation; Protons; Strontium; ...5.0054

UPTAKE OF RADIACTIVE MATERIALS THROUGH FOOD CHAINS ...Animal Productivity; Cesium; Food Contamination; Iodine; Strontium; ...5.0066

BEHAVIOR AND EFFECTS OF RADIONUCLIDES IN SOILS AND PLANTS (NEW TITLE) ...Beta Particles; Lactuca; Pisum; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; Triticum; Zea Mays - Field Corn; ...5.0106

STUDY OF RADIONUCLIDE EFFECTS ON PLANT GROWTH - WITH SPECIAL REGARD TO PLANT DAMAGE CAUSED BY IONIZING RADIATION ...Beta Particles; Dosimetry; Lactuca; Plants; Radioactive Isotopes; Triticum; ...5.0118

BEHAVIOR OF CERTAIN SYNTHETIC CHELATING AGENTS IN BIOLOGICAL AND SOIL SYSTEMS ...Absorption (incl. Adsorption); Chelation & Complexing; Mineral Nutrition; Radiation Effects -see Rad.; Soil Chemical Properties; Translocation; ...5.0161

SOFT TISSUE RETENTION OF STRONTIUM-90 ...Rodentia - other; Strontium; Vertebrates Excl. Man; ...5.0270

METABOLISM AND DOSIMETRY OF 90Y INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Beta Particles; Body Isotope Burden, Canidae; Feces; Respiratory Irritants, Inhaled; ...5.0425

METABOLISM AND DOSIMETRY OF 90SR INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Canidae; Radiation Injury Prevention; Respiratory Irritants, Inhaled, ...5.0427

DISTRIBUTION AND EXCRETION OF 137 CS INHALED IN FUSED CLAY PARTICLES BY THE DOG ...Aerosols; Cerium; Fission Products-see Radioact.; Radiation Injury Prevention; Radioactive Isotopes; Strontium; ...5.0429

TOXICITY OF INHALED 91Y CHLORIDE IN THE BEAGLE DOG ...Canidae; Feces; Microorganisms -nonspecific; Respiratory Irritants, Inhaled; Urine; ...5.0430

INITIAL DEPOSITION OF RADIONUCLIDE-CONTAINING PARTICLES IN THE LUNGS OF BEAGLE DOGS ...Aerosols; Ceramics; Inspection and Control; Medical, Dental Materials; ...5.0434

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols, Beta Particles; Biochemical Analysis - Tissues; Fission Products-see Radioact.; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Respiratory Irritants, Inhaled; ...5.0436

THE EFFECT OF THE INHALATION OF RADIONUCLIDES IN 'INSOLUBLE' FORMS ON THE FATE OF INHALED BACTERIA IN MICE ...Aerosols; Bacterial Population Surveys; Microorganisms; Proteus -nonspecific; Staphylococcus Aureus; Stressors, Physiological; ...5.0439

METABOLISM AND DOSIMETRY OF Y91 INHALED AS FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Canidae; Feces; Respiratory Irritants, Inhaled; ...5.0441

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Aerosols; Barium; Cerium; Fission Products-see Radioact.; Praseodymium; Radioactivity; Strontium; ...5.0446

PHASE I. FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS: RADIATION EFFECTS ON REPRODUCTION AND EMBRYOGENESIS ...Cellular Viability; Embryonic Growth Stages; Muridae; Radiation Effects - Biological; Strontium; ...5.0480

GENETIC EFFECTS OF ACUTE BETA IRRADIATION FROM SIMULATED FALLOUT PARTICLES UPON NATURAL POPULATIONS OF VIGUIERA PORTERI ...Beta Particles; Compositae, Plants; Radiation Effects -see Rad., Seeds; ...5.0546

ANIMAL METABOLISM OF FISSION PRODUCTS AND RELATED NUCLIDES ...Beta Particles; Calcium; Ovis; Radioactive Fallout-cf Fallout; Rumen Bacteria; Sus; ...5.0611

RADIOTOXICITY OF FISSION PRODUCT ELEMENTS ...Beta Particles; Injury -animal; Radiation Effects; Radioactive Pollution -ns; Vertebrates Excl. Man; Zinc; ...5.0612

RADIATION STUDIES ON LIVESTOCK UNDER SIMULATED FALLOUT CONDITIONS ...Animal Productivity; Bos; Radiation Effects; Radioactive Fallout-cf Fallout; Sus; X and Gamma Rays; ...5.0659

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Cobalt; Europium; Lichenes; Radiation Resistance -animals; Radiologic Health; Ruthenium; Stibium; Zirconium; ...5.0742

Zinc

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Activation Analysis; Cesium; Fish; Marine Animals; Radioactive Fallout; Radioactivity; Sea Water Sampling; ...2.0051

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Animal Productivity; Aquatic Ecology - Animal; Cesium; Copper; Invertebrate Physiology; Phosphorus; Potassium; Temperature (water); ...2.0201

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects - see Water; Water Pollution Sources; ...2.0280

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; ...2.0281

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Estuaries; Fish; Iron; Marine Animals; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; ...2.0283

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; ...2.0320

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Atomic Plants; Columbia River; Energy Conversion; Fish; Periphyton; Phosphorus and Phosphorus Cpds; Water Pollution Sources; ...2.0420

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; ...2.0705

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Energy Conversion; Flume Studies; Model Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

WASTE COMPOSTS AS CHELATING AGENTS IN PLANT NUTRITION ...Absorption (incl. Adsorption); Chromatography; Mineral Nutrition; Soil - Crop Relationships; Waste Disposal on Soils; ...3.0091

RADIATION PATHWAYS STUDIES ...Environmental Aspects; Hydrogen; Iodine; Nuclear Detonations; Radiation Injury Prevention; Radioactivity, Recovery - Production; ...5.0061

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Lead; Manganese; Mercury; Radiation Injury Prevention; Sodium; Thallium; Tungsten; ...5.0136

MECHANISM OF DIVALENT ION ABSORPTION ...Arsenic; Cobalt; Gallus Domesticus; Iron; Mercury; Whole Body; ...5.0256

THE LONG-TERM TURNOVER OF RADIONUCLIDES IN MAN ...Cesium; Computer Methods -general; Metabolism & Metab. Diseases; Metabolism and Biochemistry; Radiation Effects - Man; Radiologic Health; Strontium; ...5.0521

RADIOTOXICITY OF FISSION PRODUCT ELEMENTS ...Beta Particles; Injury -animal; Radiation Effects; Radioactive Pollution -ns; Vertebrates Excl. Man; Yttrium; ...5.0612

METABOLISM OF TRACE ELEMENTS ...Beta Particles; Ovis; Ovis; Radiation Effects - Biological; Radiation, Whole Body; Strontium; X and Gamma Rays; ...5.0658

METABOLIC EFFECTS OF GASTROINTESTINAL AND SKIN RADIATION INJURY ...Beta Particles; Injury -animal; Ovis; Radiation Effects - Biological; X and Gamma Rays; ...5.0675

METABOLISM AND EFFECTS OF RADIONUCLIDES IN FETUS AND YOUNG ...Cerium; Developmental Physiology; Muridae; Plutonium; Radiation Injury Prevention; ...5.0744

COLUMBIA RIVER STUDIES, 1970-1971 ...Atomic Plants; Columbia River; Energy Conversion; Ionizing Radiation -see Rad.; Ostreidae (oyster); Pollution Effects -see Water; Temperature (water); Water Pollution Sources; ...5.0762

IN VIVO MEASUREMENT OF RADIOACTIVE BODY BURDENS IN SELECTED POPULATIONS ...Cesium; Potassium; Radiation Effects - Man; Radiation, Whole Body; Radiologic Health; X and Gamma Rays; ...5.0895

MECHANISMS OF ENVIRONMENTAL EXPOSURE ...Atomic Plants; Columbia River; Environmental Effects - Human; Radiologic Health; Washington; ...5.0958

Zirconium

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; ...5.0051

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Aerosols; Canidae; Muridae; Radiation Effects - Biological; Radiologic Health; Respiratory Irritants, Inhaled; Stibium; Thulium; ...5.0440

THERAPY FOR INHALED RADIONUCLIDES ...Canidae; Cerium; Chelation & Complexing; Niobium Radiation Effects - Biological; Radiation Injury Prevention; Respiratory Irritants, Inhaled; ...5.0443

GENERATION OF MONODISPERSE AEROSOLS OF INSOLUBLE FORMS FOR USE IN INHALATION EXPOSURES ...Aerosols; Body Isotope Burden; Chelation & Complexing; Electrical Phenomena; Fission Products-see Radioact.; Radiation Injury Prevention; Respiratory Irritants, Inhaled; ...5.0448

RENAL PHARMACOLOGY AND TOXICOLOGY OF FALLOUT NUCLIDES ...Arsenic; Lead; Radiologic Health; Toxicology; ...5.0625

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Cobalt; Europium; Lichenes; Radiation Resistance -animals; Radiologic Health; Ruthenium; Stibium; ...5.0742

Radioactive Waste

Disposal Methods

RADIATION PROTECTION AND MEASUREMENT ...Food Contamination; Neutron -see Radiation; Particle Accelerators; Radiation Shielding; Radioactive Isotopes, Strontium; X and Gamma Rays; ...5.0808

Burial

UNDERSTANDING OF THE INFILTRATION OF RAIN INTO BURIED WASTE ...Leaching; Soil Moisture; Waste Disposal; Water Pollution Sources; ...2.0357

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Borehole Geophysics; Groundwater; Idaho; Isotope Tracer -see Tracers; Radioisotopes; Waste Water -general; Water Pollution Sources; ...2.0569

FEASIBILITY OF THE USE OF LOCAL SOILS AS ION EXCHANGE MATERIALS FOR DISPOSAL OF LIQUID RADIOACTIVE WASTE INTO THE GROUND ...Energy Conversion; Ion Exchange; United Arab Republic; Waste Disposal, Underground; Water Pollution Sources; ...2.1110

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Geochemical Analysis (water); Idaho; Quaternary Period; Structural Analysis - Geology; Tertiary Period; Water Cycle; Water Pollution Sources; Water Storage; ...2.1240

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Cooperative Studies; Ecological Effects; Estuaries; Marine Biology - General; Marine Environments; Radioactive Fallout; Water Pollution Sources; ...5.0059

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

THE DETERMINATION OF PLUTONIUM IN SOIL ...Plutonium; Soil Radiation Emission; Waste Disposal, Underground; ...5.0821

Dilution

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Energy Conversion; Flume Studies; Model Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

Radioactivity Studies -general

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Borehole Geophysics; Burial; Groundwater; Idaho; Isotope Tracer -see Tracers, Radioisotopes; Waste Water - general; Water Pollution Sources; ...2.0569

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Sandy Soils -see Soil Type; Thorium; ...5.0160

RADIOCHEMICAL AND RADIOECOLOGICAL STUDIES ON BRAZILIAN AREAS OF HIGH NATURAL RADIATION - CHROMOSOMAL ABERRATIONS SURVEY ...Brazil; Environmental Effects - Human; Radiation Effects - Biological; Radiologic Health; ...5.0101

PRECIPITATION, AIR TEMPERATURES, SOIL MOISTURE, & GAMMA RADIATION, IN 68 MOJAVE & GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, 1962-70 (ABBREV) ...Air Pollution Sampling; Nevada; Population Dynamics -general; Precipitation Amount; Radioactive Pollution -ns; Soil Moisture; Temperature; ...5.0787

FLUX AND SPECTRUM OF FAST NEURTONS IN NATURAL ENVIRONMENT ...Fast Neutrons; Scintillation Counting; Soil Moisture; ...5.0826

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate; Dose Fractionation; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Water Pollution Sources; ...5.0881

Radiochemical Analysis

USE OF SOLID-STATE DETECTORS FOR DETECTING ALPHA PARTICLE TRACKS - APPLICATION TO MEASUREMENT OF AIRBORNE CONTAMINATION ...Air Pollution Analysis; Air Pollution-chemistry; Detectors and Sensors; ...1.0698

INFRARED REMOTE SENSING OF AIR POLLUTANTS AND FOREST FIRES ...Air Pollution Monitoring; Detectors and Sensors; Gases; Infrared Spectroscopy; ...1.0742

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Soil Chemical Properties; Water Pollutants - Path of; Water Quality -general; ...2.0314

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Fertilizers; Gulf of Mexico; Lead; Marine Geology; Nuclear Radiation; Runoff (water); Streams; ...2.0380

COLUMBIA RIVER SEDIMENT STUDIES ...Adsorption Capacity; Estuaries; Nuclear Geochemistry; Sediments; Water Pollution Sources; ...2.0416

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Em Radiation; Marine Biology - General; Monolayers; Polarimetry; Reflectance; Survey Studies (water); Water Pollutant Identification; ...2.0499

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF WATER QUALITY ...Aircraft Remote Sensing; Data Reduction and Analysis; Internal Reflection; Legislation - Zoning; Water Pollutant Identification; Water Resources Planning; Wisconsin; ...2.0857

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment - general; ...2.1775

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Element Ratios; Environmental Geology; Evolution; Genetic Relationships; Geochemical Investigations; Lead; Petrology; Uranium; ...5.0016

PRIMARY PROCESSES IN RADIATION CHEMISTRY OF LIQUIDS AND INTERACTION OF RADIATION WITH BIOLOGICALLY IMPORTANT CHEMICAL SYSTEMS ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Mechanism Determination; Photolysis; Pulse Radiolysis; Radiation Chemistry - biophys.; Radiation Sensitivity -man; Radiolysis; ...5.0223

RADIOLYSIS OF HETEROGENEOUS SYSTEMS ...Adsorption; Chemical Mechanisms & Kinetics; Colloidal Phenomena; Conductrometry; Light Scattering Analysis; Radiation; Spectrographic Techniques; ...5.0259

RADIATION CHEMISTRY, PHOTOCHEMISTRY AND EXCITED STATES OF A) OXYANIONS, B) D.N.A ...Chemical Mechanisms & Kinetics; Free Radical Reactions; Mechanism Determination; Photochemical Reactions; Radiation Effects - Biological; Radiolysis; X and Gamma Rays; ...5.0576

MEASUREMENTS OF NATURAL RADIOCARBON AND TRITIUM ...Carbon - 14 Dating; Dendrochronology; Marine Environments; Precipitation; Radioactivity, Natural; Sea Water Mass & Ocean Fronts; ...5.0790

Radioecology - Plants

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; India; Marine Biology - General; Ocean Currents; Radioactivity; Salinity; Vertebrates Excl. Man; Water Pollution Sources; ...2.0136

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Atlantic Ocean; Contamination - Water; Italy; Marine Environments; Plankton; Radioactivity; Trace Elements; ...2.0154

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Triticum; Water Pollution Sources; ...2.0220

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

RADIONUCLIDE UPTAKE BY MARINE ORGANISMS IN ARTIFICIAL POOL AND ELIMINATION OF RADIOACTIVITY ...Adsorption Capacity; Marine Biology - General; Pollution Effects -see Water; Primary Productivity - Plants; Radioactivity; ...2.0368

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

RADIOECOLOGY OF DEBRIS RADIONUCLIDES AT INTERMEDIATE DISTANCES FROM NUCLEAR CRATERING EVENTS ...Contamination - Water; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Radioactive Fallout-cf Fallout; Tungsten; Wildlife -nonspecific; ...5.0006

ECOLOGICAL STUDIES OF RADIONUCLIDES IN ECOSYSTEMS AT NUCLEAR DETONATION SITES ...Hydrogen; Plant Ecology -nonspecific; Pollution Effects -see Water; Radioactive Contamination; Radioactive Fallout-cf Fallout; Transpiration and Evap; ...5.0008

DISTRIBUTION AND INTERRELATIONSHIP OF ELEMENTS IN BIOLOGICAL SYSTEMS ...Deserts, Arid Lands; Emission Spectroscopy; Mineral Nutrition; Plant Physiological Ecology; Plants; Radioisotopes -nonspecific; Translocation; ...5.0012

PHYSIOLOGICAL ECOLOGY STUDIES OF DESERT VEGETATION ...Cobalt; Plant Phenology; Plants; Radiation Effects -see Rad.; ...5.0014

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties, Eastern U. S.; Gramineae; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; Water Cycle; ...5.0032

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Cesium; Contamination - Water; Cyprinidae; Energy Budgets; Plant Ecology -nonspecific; Radioactive Fallout; Reactor Sites & Rad Waste; Strontium; ...5.0038

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropoda; Calcium; Cesium; Deciduous Forests; Festuca; Grasslands; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Sodium; ...5.0075

ENVIRONMENTAL RADIATION STUDIES - EVALUATION OF NUTRIENT AND FISSION PRODUCT DISTRIBUTION AND MOVEMENT IN TERRESTRIAL ENVIRONMENTS ...Ponds; Radioactive Contamination; Radioisotopes -nonspecific; Soil Chemical Properties; ...5.0076

VASCULAR PLANT AND RODENT PARAMETERS IN 68 MOJAVE AND GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, SOUTHERN NEVADA, 1962-70 ...Animal Productivity; Deserts, Arid Lands; Plants; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Vertebrates Excl. Man; ...5.0148

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Arid and Desert Regions; Clay Soils; Mineral Nutrition; Plants; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Soil Moisture; X and Gamma Rays; ...5.0159

EFFECTS OF FALLOUT ON AGRICULTURAL ECOSYSTEMS ...Pesticides -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; ...5.0175

ULTRA-HIGH DOSE RATE RADIOBIOLOGY ...Animal Productivity; Hydrogen; Muridae; Pollution Effects -see Water; Radioactive Pollution -ns; ...5.0181

EFFECTS OF BETA AND GAMMA RADIATION ON DESERT VEGETATION ...Artemisia; Deserts, Arid Lands; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; X and Gamma Rays; ...5.0183

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic Bomb; Colorado; Grasslands; Ochotonidae; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; X and Gamma Rays; ...5.0211

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0338

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Succession; Radiation Effects -see Rad.; Radioactive Contamination; Soil - Crop Relationships; Soil Environment -other; Translocation; ...5.0422

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Beta Particles; Plant Biomes; Plant Succession; Radiation Effects -see Rad.; Radiation Sensitivity -man; Soil Microbiology; Wisconsin; ...5.0542

RECOVERY OF A PINE FOREST FOLLOWING EXPOSURE TO IONIZING RADIATION ...Beta Particles; Dominant Organisms; Pinus Taeda; Radiation Effects -see Rad.; ...5.0543

RECOVERY OF A TROPICAL RAIN FOREST FOLLOWING EXPOSURE TO GAMMA RADIATON ...Dominant Organisms; Moraceae; Plants; Radiation Resistance; Rain Forests; Soil Cover Crops; X and Gamma Rays; ...5.0544

RECOVERY OF A NATURAL PLANT COMMUNITY FOLLOWING EXPOSURE TO BETA RADIATION FROM SIMULATED FALLOUT PARTICLES ...Compositae; Plant Ecology -nonspecific; Plants; Radioactive Fallout-cf Fallout; Range Or Territorial Distr.; Seeds; ...5.0545

EFFECTS OF GAMMA RADIATION ON HERBACEOUS SPECIES IN A NORTHERN HARDWOOD FOREST ...Aster; Deciduous Forests; Plant Ecology -nonspecific; Radiation Effects -see Rad.; X and Gamma Rays; ...5.0548

CHARACTERIZATION OF SOIL & VEGETATION TO SERVE AS A BASIS FOR FUTURE EVALUATIONS OF RADIOACTIVE CONTAMINATION EFFECTS (ABBREV) - Absorption (incl. Adsorption); Chemical Extraction; Diquat; Paraquat; Radioactive Fallout; Soil Water Plant Relationships; Water Pollutants - Path of; ...5.0570

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Mammals -nonspecific; Microorganisms; Picea; Plants; Populus; Radiation Sensitivity -man; Vertebrates Excl. Man; X and Gamma Rays; ...5.0769

THERMOLUNINESCENCE OF GAMMA- AND NEUTRON-IRRADIATED SOILS ...Dosimetry; ...5.0788

ENVIRONMENTAL BIOLOGY - METABOLISM AND PRODUCTION OF A FOREST ...Carbon; Photosynthesis; Plant Ecology - nonspecific; Plants; Quercus; X and Gamma Rays; ...5.0900

Radiologic Health

CHEMICAL ELEMENTS OF BIOLOGICAL FLUIDS AND TISSUES ...Air Pollution -see Specifics; Digestive System - Human; ...1.0176

ENVIRONMENTAL RADIOACTIVITY AND TRACE ELEMENTS IN MAN ...Air Pollution -see Specifics; Lead; Mineralization; Puerto Rico; Radium; ...1.0196

LAW-RELATED RESEARCH ON SCIENTIFIC UNCERTAINTY AND TECHNOLOGY ASSESSMENT ...Air Pollution -see Specifics; Environmental Effects - Human; Pesticide Toxicity in Humans; Pesticides -nonspecific; Radiation Effects - Biological; Radiation Sources -general; ...1.0497

STUDIES OF AIRBORNE PARTICULATES OF SUBMICRON SIZE ...Aerosols; Gases; Model Studies; Particulates - Air Pollution; ...1.0899

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Air Pollution -see Specifics; Food Contamination; Pesticide Toxicity in Humans; Physiological Effects; Radiation, Low Level; Residues in Foods; Toxicology; Water Pollution -see Specifics; ...4.0658

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions; Residues in Foods; Sub - Polar Regions; ...4.1008

STRONTIUM-90 LEVELS ON THE DIETS AND BONES OF CHILDREN ...Metabolism & Metab. Diseases; Radioactive Isotopes; Radium; Strontium; ...5.0001

ANALYSIS OF RADIONUCLIDE TRANSPORT AND DEPOSITION FOR PREDICTION OF UPTAKE AND DOSES FROM RELEASE OF RADIONUCLIDES ...Air Pollution -see Specifics; Body Isotope Burden; Dose Rate, Dose Fractionation; Food Contamination; Radiation Injury Prevention; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; ...5.0009

RADON PROGENY INHALATION EXPOSURES TO URANIUM MINERS ...Environmental Carcinogenesis; Lead; Polonium; Respiratory Irritants, Inhaled; ...5.0023

NAVY ENVIRONMENT--EPIDEMIOLOGICAL STUDY OF MICROWAVE INJURY IN NAVAL PERSONNEL ...Human Developmental Biology; Interaction With Matter; Microwave and Radiofrequency; Occupational Hazards; Radiation Effects - Biological; ...5.0028

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Strontium; ...5.0030

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Air - Water - Plant Relations; Cesium; Environmental Ecology; Food Contamination; Pollution Effects -see Water; Radioactive Contamination; Soil Chemical Properties; ...5.0031

CONTROLLED ENVIRONMENTAL RELEASE TEST (CERT) PROGRAM ...Air Pollution -see Specifics; Animal Productivity; Food Contamination; Iodine; ...5.0035

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Colorado; Environmental Effects - Human; Miners; Radiation Carcinogenesis; Radiation Sources - general; Radon; Respiratory Irritants, Inhaled; Uranium; ...5.0044

THE METABOLISM OF THE RARE EARTHS FOLLOWING INHALATION - PATHOLOGIC AND BIOCHEMICAL RESPONSE IN THE LUNG AND OTHER ORGANS ...Aerosols; Environmental Effects - Human; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Thulium; Ytterbium; ...5.0049

AEC OFF-SITE RADIOLOGICAL SAFETY PROGRAM ...Atomic Plants; Food Contamination; Nuclear Detonations; Radioactive Fallout; Radioactivity; Thermoluminescent Detectors; ...5.0050

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation &

Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Stibium; Zirconium; ...5.0051

BIOLOGICAL RESPONSE TO SMALL, DISCRETE, HIGHLY RADIOACTIVE PARTICLES ...Environmental Effects - Human; Injury and Shock; Muridae; Radiation; Respiratory Irritants, Inhaled; ...5.0052

PHASE II PLANNING STUDY FOR EVALUATION OF RADIOACTIVE CONTAMINATION OF THE FOOD CHAIN ...Food Contamination; Plant Tissue Analysis -chem.; Radiation Injury Prevention; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; ...5.0053

PREDICTION OF TOTAL CONSUMPTION OF FALLOUT RADIONUCLIDES BY HUMANS FROM MILK (ABBREV) ...Cesium; Food Contamination; Iodine; Mathematical Models; Nuclear Warfare; Radiologic Warfare; Strontium; ...5.0055

RADIOACTIVITY AND TRACE ELEMENTS IN HUMAN BONE AND DIET ...Cesium; Food Contamination; Radiation Effects - Biological; Radium; Strontium; ...5.0057

LEVELS OF NATURAL RADIOACTIVITY IN MAN AND HIS ENVIRONMENT ...Food Contamination; Lead; Radium; Uranium; ...5.0058

INTERAGENCY REVIEW OF THE HEALTH HAZARDS OF URANIUM MINING - COMPARISON OF EXPERIMENTAL TO EMPIRICAL RESULTS ...Epidemiology; Miners; Radiation Carcinogenesis; Tumor Pathology; ...5.0060

RADIATION PATHWAYS STUDIES ...Environmental Aspects; Hydrogen; Iodine; Nuclear Detonations; Radiation Injury Prevention; Radioactivity, Recovery - Production; Zinc; ...5.0061

BIOENVIRONMENTAL AND ECOLOGICAL DATA AND INFORMATION CENTER IN SUPPORT OF BIOENVIRONMENTAL AND RADIOLOGICAL SAFETY FEASIBILITY STUDIES ...Aquatic Ecology - Animal; Critically Evaluated Info; Data & Statistics Info Storage; Information Science; Plant Ecology -nonspecific; Tropical Regions; ...5.0062

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americium; Atomic Plants; Environment; Krypton; Mammals - nonspecific; Radioactive Pollution -ns; River Basins; Water Pollutants - Path of; ...5.0073

RADIATION INJURY ASSOCIATED WITH HIGH ALTITUDE FLIGHTS AND SPACE OPERATIONS ...Altitude; Beta Particles; Injury and Shock; Mammals -nonspecific; Protons; Radiation Effects - Biological; X and Gamma Rays; ...5.0079

ENVIRONMENTAL EFFECTS ON THE CONTENT OF CS137 IN MILK ...Air Pollution -see Specifics; Deposition-general; Food Contamination; Lakes; Radioactive Fallout; Reservoirs and Impoundments; Strontium; ...5.0081

NAVY ENVIRONMENT--EVALUATION OF THE SAFETY EXPOSURE LIMITS OF RADAR USED BY NAVAL PERSONNEL ...Interaction With Matter; Microwave and Radiofrequency; Military Personnel; Occupational Hazards; Radar; Radiation Effects - Biological; ...5.0083

IRON-55 AND LEAD IN THE HUMAN POPULATION OF THE WORLD ...Animal Productivity; Food Contamination; Health & Geographic Factors; Lead; ...5.0084

CHROMOSOME ABERRATIONS IN PERIPHERAL BLOOD LYMPHOCYTES IN AREAS OF HIGHER ATMOSPHERIC CONCENTRATIONS OF NATURAL RADON-222 ...Environmental Effects - Human; Radiation Effects - Biological; Radon; ...5.0098

WHOLE BODY COUNTING OF POPULATION LIVING IN AREAS OF HIGH NATURAL RADIOACTIVITY ...Whole Body; X and Gamma Rays; ...5.0099

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

RADIOCHEMICAL AND RADIOECOLOGICAL STUDIES ON BRAZILIAN AREAS OF HIGH NATURAL RADIATION - CHROMOSOMAL ABERRATIONS SURVEY ...Brazil; Environmental Effects - Human; Radiation Effects - Biological; Radioactivity Studies -general; ...5.0101

PROTECTION FROM LONG-TERM EFFECTS OF IRRADIATION ...Cancer; Chemical Carcinogenesis; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0109

ELECTRICAL AND RADIATION STUDIES ON NEURAL ACTIVITIES IN CULTURE AND IN THE INTACT ORGANISM ...Radiation Dose Studies-general; ...5.0114

ASSESSMENT OF THE HAZARD OF FALLOUT RADIOIODINES ...Fallout -see Radioactive; Iodine; Radioactive Fallout-cf Fallout; Radioactive Hazard; Radioactive Isotopes; ...5.0127

COMPARATIVE TOXICITY OF SR90 AND RA226 IN BEAGLES ...Body Isotope Burden; Canidae; Food Contamination; Radium; Strontium; ...5.0134

METABOLISM OF NUCLEAR DEBRIS IN THE DOG AND THE PIG ...Capra; Iodine; Molybdenum; Ruthenium; Sus; Tellurium; Tungsten; ...5.0137

RADIATION EFFECTS ON DIFFERENTIATION AND TISSUE CONTROL ...Bacteria -nonspecific; Cell Injury and Autolysis; Fungi -nonspecific; Invertebrates; Physical Mutagenesis; Radiation Carcinogenesis, Radiation, Low Level; X and Gamma Rays; ...5.0138

METABOLISM OF HYDROGEN ISOTOPES ...Food Contamination; Hydrogen; Mammals -nonspecific; Radiation Injury Prevention; Water Pollution -see Specifics; ...5.0141

THE BIOLOGICAL EFFECTS OF LOW DOSAGE RADIATION ...Air Pollution -see Specifics; Human Developmental Biology; Literature Search; Radiation Carcinogenesis; Radiation, Low Level; Respiratory Irritants, Inhaled; ...5.0143

LATE EFFECTS OF RADIATION IN MAMMALS ...Iodine; Mammals -nonspecific; Radiation Chemistry -biophys.; Radiation, Lethal Dose; Radiation, Whole Body; Toxic Substances; X and Gamma Rays; ...5.0149

NUCLIDE METABOLISM ...Calcium; Cesium; Chlorine; Feces; Iron; Mammals -nonspecific; Radiation Injury Prevention; Sodium; Whole Body; ...5.0155

ESTIMATING THE GENETIC HAZARDS OF ENVIRONMENTAL AGENTS ...Cell Injury and Autolysis; Environmental Carcinogenesis; Plants; Radiation Carcinogenesis; Vicia; ...5.0179

ULTRA-HIGH DOSE RATE RADIOBIOLOGY ...Animal Productivity; Hydrogen; Muridae; Pollution Effects -see Water; Radioactive Pollution -ns; Radioecology - Plants; ...5.0181

THE CYTOGENETICS OF URANIUM MINERS EXPOSED TO RADON 222 ...Bioassays; Body Isotope Burden; Occupational Hazards; Radiation Carcinogenesis, Respiratory Irritants, Inhaled; ...5.0207

NAVY ENVIRONMENT - NONTHERMAL HAZARDS OF EXPOSURE TO RADIOFREQUENCY AND MICROWAVE FIELDS ...Environmental Effects - Human; Interaction With Matter; Microwave and Radiofrequency; Military Personnel; Mutagenesis -nonspecific; Occupational Hazards; Radiation Effects - Biological; ...5.0216

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - BASIC RADIATION ESTIMATES ...Atomic Bomb; Japan; Nuclear Warfare; X and Gamma Rays; ...5.0227

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - POPULATION STUDIES ...Atomic Bomb; Demography; Nuclear Warfare; Radiation Effects - Biological; X and Gamma Rays; ...5.0228

RESPONSE OF CELLS DERIVED FROM SJTS INJURED BY PHYSICAL TRAUMA, RADIATION OR INFECTIOUS AGT EXPOSURE ...Biological Dosimetry; Cell Injury and Autolysis; Cercopithecoidea; Military Personnel; Occupational Hazards; Radiation; Trauma; ...5.0241

THE EFFECTS OF EXTREMELY LOW FREQUENCY (ELF) RADIATION ON MAN ...Psychology; Radiation Effects - Biological; Radiation Sources -general; ...5.0250

NAVY ENVIRONMENT - EFFECTS OF MICROWAVE RADIATION ON NAVAL PERSONNEL ...Interaction With Matter; Microwave and Radiofrequency; Military Personnel; Occupational Hazards; Radiation Effects - Biological; ...5.0262

MECHANISMS AND MODELS OF SKELETAL METABOLISM--THEORETICAL ...Canidae; Metabolism and Biochemistry; Radiation Effects - Biological; Radioisotopes -nonspecific; Radium; ...5.0283

MEASUREMENTS OF RADIOACTIVITY IN VIVO AND APPLICATIONS IN HUMAN RADIOBIOLOGY ...Accident; Occupational Hazards; Promethium; Radiation, Low Level; Radium; ...5.0285

A QUANTITATIVE STUDY OF THE MUTAGENIC EFFECT OF TRANSMUTATION IN DROSOPHILA & THE HONEY BEE ...Carbon; Lethal Mutation; Mutation Types -other; Physical Mutagenesis; Rate of Mutation; ...5.0339

CURRENT TRENDS IN SURVIVORSHIP OF RADIOLOGISTS ...Aging; Medical, Professional; Occupational Hazards: Radiation Injury Prevention; ...5.0351

AIRCREW VISUAL IMPAIRMENT/INJURY THRESHOLDS FROM NUCLEAR WEAPONS ...Cell Injury and Autolysis; Mammals -nonspecific; Nuclear Warfare; Radiation; Radiation Dose Studies-general; ...5.0357

HUMAN RADIATION STUDIES ...Atomic Bomb; Iodine; Nevada; Radiation Dose Studies-general; Radiation Sensitivity -man; Respiratory Disease; ...5.0372

EFFECTS OF THERMAL RADIATION ON PERSONNEL IN NUCLEAR WARFARE ...Burns; Mathematical Models; Military Personnel; Nuclear Warfare; Occupational Hazards; Radiation Injury Prevention; Toxic Substances; ...5.0373

OCULO-VISUAL EFFECTS - PHYSICAL STIMULUS IN NUCLEAR WARFARE ...Burns; Military Personnel; Nuclear Warfare; Occupational Hazards; Radiation Injury Prevention; ...5.0374

AEC RADIATION EFFECTS PROGRAM ...Animal Productivity; Bos; Food Contamination; Radioactive Hazard; Radioactive Isotopes; Radioisotopes -nonspecific; ...5.0420

EFFECT OF URANIUM ON THE TRACHEOBRONCHIAL TREE ...Colorado; Meetings; Occupational Hazards; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0423

RADIATION DOSE PATTERNS ASSOCIATED WITH INHALATION OF ALPHA-EMITTING RADIONUCLIDES BY THE BEAGLE DOG ...Aerosols; Canidae; Digestive System - Human; Occupational Hazards; ...5.0432

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Biochemical Analysis - Tissues; Fission Products-see Radioact.; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Respiratory Irritants, Inhaled; ...5.0436

BIOMEDICAL EFFECTS OF EXPLOSIONS ...Atomic Bomb; Civil Defense; Injury and Shock; Nuclear Warfare; Radioisotopes -nonspecific; Respiratory Irritants, Inhaled; ...5.0437

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Aerosols; Canidae; Muridae; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Stibium; Thulium; ...5.0440

IN VIVO MEASUREMENT OF PLUTONIUM LUNG BURDENS IN HUMANS ...Factory Workers; Gas Filled Detectors; Occupational Hazards; Plutonium; Radiation Effects - Man; Radioactive Isotopes; Scintillation Counting; ...5.0457

TISSUE REACTION TO DISCRETE, HIGH SPECIFIC-ACTIVITY PARTICULATES, WITH EMPHASIS ON TUMOR FORMATION IN THE LUNG ...Cricetus; Epidemiology; Muridae; Radiation Carcinogenesis; ...5.0460

FALLOUT CESIUM-137 IN A NORMAL POPULATION ...Cesium; Food Contamination; Gamma Spectroscopy; Metabolism and Biochemistry; Monitoring Devices; Potassium; Whole Body; ...5.0462

MORPHOLOGICAL AND CYTOLOGICAL STUDIES OF LUNG RESPONSES TO INHALATION AND IRRADIATION ...Aerosols; Monkey; Plutonium; Radiation Dose Studies-general; Respiratory Irritants, Inhaled; Tumor Pathology; X and Gamma Rays; ...5.0510

OPTIC LENS OF MAN - INCIDENCE OF MINUTE, DISCRETE SUBCAPSULAR OPACITIES WITH AGING OR FOLLOWING IRRADIATION ...Aging; Atomic Bomb; Nuclear Warfare; Occupational Hazards; Radiation Effects - Biological; Radiation, Low Level; X and Gamma Rays; ...5.0515

THE LONG-TERM TURNOVER OF RADIONUCLIDES IN MAN ...Cesium; Computer Methods -general; Metabolism & Metab. Diseases; Metabolism and Biochemistry; Radiation Effects - Man; Strontium; Zinc; ...5.0521

INFLUENCE OF AGE AND RADIATION EXPOSURE ON HUMAN LYMPHOCYTE RESPONSE TO PHYTOHEMAGGLUTININ (PHA) ...Aging; Atomic Bomb; Radiation; Radiation, Whole Body; X and Gamma Rays; ...5.0522

MEDICAL STUDIES OF THE PEOPLE OF THE MARSHALL ISLANDS ACCIDENTALLY EXPOSED TO FALLOUT ...Injury and Shock; Iodine; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0523

CORRELATION OF LIFETIME HEALTH & MORTALITY EXPERIENCE OF AEC & CONTRACTOR EMPLOYEES WITH OCCUPATIONAL RADIATION EXPOSURE (ABBREV) ...Atomic Bomb; Occupational Hazards; Radiation Sources - general; Radiation, Low Level; Radioactive Hazard; ...5.0589

RENAL PHARMACOLOGY AND TOXICOLOGY OF FALLOUT NUCLIDES ...Arsenic; Lead; Toxicology; Zirconium; ...5.0625

EFFECTS OF RADIATION ON THE REPRODUCTIVE SYSTEM ...Bos; Sus; Vertebrates Excl. Man; ...5.0666

EFFECTS OF IRRADIATION UPON AIRCREW EQUILIBRIUM ...Aviation Medicine; Environmental Effects - Human; Nuclear Warfare; Pilots; ...5.0698

BIOLOGICAL EFFECTS OF RADIATION EXPOSURES FROM LONG DURATION FLIGHTS AND REPEATED MISSIONS IN LOW DOSE LEVEL ENVIRONMENTS ...Altitude; Beta Particles; Military Personnel; Nuclear Warfare; Pilots; Radiation, Low Level; X and Gamma Rays; ...5.0704

ASSESSMENT, EVALUATION AND CONTROL OF RADIATION EXPOSURE TO MAN AND HIS ENVIRONMENT - EXPOSURE TO EXTERNAL AND INTERNAL RADIATION ...Americium; Digestive System - Human; Plutonium; Strontium; Tumor Pathology; ...5.0719

PB-210 STUDIES IN BEAGLES ...Body Isotope Burden; Digestive System - Human; Food Contamination; Lead; Polar Oceanic Areas; Toxicology; ...5.0721

FATE AND EFFECTS OF RADIONUCLIDES IN ALASKA ...Alaska; Cesium; Lichenes; Radiation Effects - Biological; Strontium; ...5.0736

URANIUM MINERS EXFOLIATIVE PATHOLOGY ...Canidae; Occupational Hazards; Plutonium; Radiation Effects - Biological; Radon; Tobacco -cigarettes; Uranium; ...5.0737

NAVY ENVIRONMENT--PHYSIOLOGICAL, PATHOLOGICAL AND BEHAVIORAL EFFECTS OF MICROWAVE RADIATION ...Microwave and Radiofrequency; Microwave Engineering; Military Personnel; Occupational Hazards; Radiation Effects - Biological; ...5.0740

RATES OF DEPOSITION OF AIRBORNE RADIONUCLIDES IN THE ALASKAN ENVIRONMENT ...Alaska; Canidae; Cobalt, Europium; Lichenes; Radiation Resistance -animals; Ruthenium, Stibium; Zirconium; ...5.0742

INHALATION STUDIES - AEROSOL TECHNOLOGY STUDIES ...Aerosols; Biochemical Analysis - Tissues; Instrument Services; Mammals -nonspecific; Plutonium; Radiation Injury Prevention; Respiratory Irritants, Inhaled; ...5.0747

INHALATION HAZARDS TO URANIUM MINERS, BIOLOGICAL STUDIES ...Air Pollution -see Specifics; Canidae; Co-carcinogenesis; Miners; Radiation Carcinogenesis; Radon; Tobacco - cigarettes; ...5.0754

CHRONIC RADIATION EXPOSURE - CORRELATION OF RADIATION EXPOSURE WITH BIOLOGICAL EFFECTS ON MAN ...Injury and Shock; Occupational Hazards; Radiation Effects - Man; Radiation, Low Level; ...5.0757

WHOLE BODY COUNTING OF POPULATION LIVING IN AREAS OF HIGH NATURAL RADIOACTIVITY ...Brazil; Dosimetry; Radiation -terrestrial; Radiation Sources -general; Radiation, Whole Body; Radioactivity, Natural; Whole Body; ...5.0772

THE APPLICATION OF SOLID-STATE LITHIUM-DRIFTED GERMANIUM DETECTORS TO THE ANALYSIS OF RADIONUCLIDES IN BIOLOGICAL AND ENVIRONMENTAL SAMPLES ...Air Pollution -see Specifics; Dosimetry; Mammals - nonspecific; Radiation, Whole Body; Radioactive Isotopes; Tumor Pathology; ...5.0780

QUANTITATION OF LOW LEVELS OF TRITIUM IN BIOLOGICAL AND ENVIRONMENTAL MATERIAL ...Air Pollution -see Specifics; Electrochemistry; Hydrogen; Radioactive Hazard; Radioactive Isotopes; Scintillation Counting; ...5.0782

ANALYSIS OF RADIONUCLIDE PRODUCTION FOR PREDICTION OF UPTAKE AND DOSES FROM RELEASE OF RADIONUCLIDES ...Food Contamination; Iodine; Radiation Injury Prevention; Radiation, Whole Body; ...5.0783

PREDICTION OF BIOLOGICAL FATE AND RADIATION DOSES FROM RADIONUCLIDES RELEASED TO THE BIOSPHERE ...Document & Literature Info; Handbooks; Radiation Injury Prevention; ...5.0784

CALCULATION OF BETA DOSES FROM FALLOUT ...Beta Particles; Civil Defense; Radiation Dose Studies-general; ...5.0789

PERSONNEL SPECIALISE ET ENTRETIEN DES APPAREILS D'IRRADIATION ET DE MESURE DE LA RADIATION SUR GRANDS VOLUMES ...Injury and Shock; Radiation Sources - general; ...5.0798

HIGH FREQUENCY ELECTROMAGNETIC HAZARD MEASUREMENTS ...Biological Dosimetry; Dosimeters -see Dosimetry; Electromagnetic Field, Instrumentation; Monkey; Radiation Sources -general; ...5.0800

RADON PROGENY INHALATION STUDY ...Air Pollution -see Specifics; Miners; Occupational Hazards; Radon; Respiratory Irritants, Inhaled; Whole Body; ...5.0802

RADON PROGENY EXPOSURE CONTROL IN BUILDINGS ...Building Design; Construction Materials; Radiation Injury Prevention; Radioactive Isotopes; Radon; Respiratory Irritants, Inhaled; ...5.0803

THE DETERMINATION OF PLUTONIUM 239 IN LUNG TISSUE BY ACTIVATION ANALYSIS ...Atomic Bomb; Dose -nonspecific; Fast Neutrons; Plutonium; ...5.0819

SEQUENTIAL RADIOCHEMICAL DETERMINATION OF RADIUM-226, 228, ACTINIUM-227 AND THORIUM-230 IN ENVIRONMENTAL AND PROCESS WASTE SAMPLES ...Actinium A C; Dosimetry; Mine Wastes; Radium; Thorium; Uranium; ...5.0820

INSTRUMENTATION FOR IN VIVO DETERMINATION OF INSOLUBLE PLUTONIUM IN THE LUNG ...Alpha Particles; Instrumentation; Occupational Hazards; Plutonium; Respiratory Irritants, Inhaled; X and Gamma Rays; ...5.0822

RESEARCH WITHIN THE FRAMEWORK OF A COORDINATED PROGRAMME ON NUCLEAR ACCIDENT DOSIMETRY ...Accident; Dosimetry; Instrumentation; Neutron -see Radiation; Radiation Instruments; ...5.0839

EVALUATION OF THERMOLUMINESCENT DOSIMETERS AS A HEALTH PHYSICS TOOL ...Cancer; Dosimetry; Occupational Hazards; X and Gamma Rays; ...5.0846

RADIOLOGICAL PHYSICS ...Cancer; Radioisotopes -nonspecific; ...5.0851

TOOTH COLLECTION FOR RADIOACTIVE NUCLIDE STUDY ...Children; Food Contamination; Human Developmental Biology; Radiation Effects - Biological; Strontium; ...5.0860

FALLOUT CESIUM-137 IN A NORMAL POPULATION ...Body Isotope Burden; Cesium; Gamma Spectroscopy; Mathematical Models; Whole Body; ...5.0866

RADIOACTIVITY STUDIES ...Mammals -nonspecific; Radiation Injury Prevention; Radioisotopes -nonspecific; Respiratory Irritants, Inhaled; ...5.0871

RELATIONSHIP BETWEEN THE PHYSICAL PROPERTIES OF INHALED AEROSOLS AND RESPIRATORY DEPOSITION ...Aerosols; Miners; Models (physical) of Anim.&man; Occupational Hazards; Radiation Injury Prevention; Radium; Respiratory Irritants, Inhaled; ...5.0874

MONITORING OCCUPATIONAL EXPOSURES TO RADIOACTIVE AIR CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution Effects; Energy Conversion; Environmental Hazards; Occupational Hazards; Radiation Instruments; Radioactive Isotopes; ...5.0877

NUCLEONIC TRANSPORT STUDIES ...Cosmic Radiation; Cosmic Rays; Dosimetry; Radiation Injury Prevention; Radiation Penetration; Radiation Shielding; Upper Atmospheric Chemistry; ...5.0880

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate, Dose Fractionation; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies - general; Water Pollution Sources; ...5.0881

DEVELOPMENT STUDIES IN LOW LEVEL RADIOCHEMICAL ANALYSES AND TRACE STABLE ELEMENTS IN BIOLOGICAL AND ENVIRONMENTAL MATERIALS ...Air Pollution - see Specifics; Carbon; Hydrogen; Plutonium; Radiation, Low Level; Water Pollution -see Specifics; ...5.0883

STUDIES OF URANIUM MINER HAZARDS ASSOCIATED WITH RADON ...Bioassays; Feces; Lead; Occupational Hazards; Radiation Effects - Biological; Radon; Urine; ...5.0885

GENERAL STUDIES IN THE TOXICITY OF RADIOELEMENTS ...Air Pollution -see Specifics; Radiation Injury Prevention; Water Pollution -see Specifics; ...5.0889

IN-VIVO MEASUREMENT OF RADIONUCLIDES IN MAN ...Calcium; Metabolism and Biochemistry; Potassium; X and Gamma Rays; ...5.0894

IN VIVO MEASUREMENT OF RADIOACTIVE BODY BURDENS IN SELECTED POPULATIONS ...Cesium; Potassium; Radiation Effects - Man; Radiation, Whole Body; X and Gamma Rays; Zinc; ...5.0895

OPERATE A RADIATION ALERT NETWORK ...Air Pollution Sampling; Automatic Weather Stations; Beta Particles; Instrumentation; Radioactivity; ...5.0906

RADIOCHEMICAL METHODS AND MEASUREMENTS ...Atomic Plants; Contamination - Water; Radioactive Contamination; Radioisotopes -nonspecific; Reactor Sites & Rad Waste; Water Pollution Sources; ...5.0908

NAVY ENVIRONMENT - MEASUREMENT OF TISSUE DAMAGE IN NAVY PERSONNEL EXPOSED TO IONIZING RADIATION IN THE LINE OF DUTY ...Cell Injury and Autolysis; Ionizing Radiation -see Rad.; Occupational Hazards; Radioactive Hazard; X and Gamma Rays; ...5.0913

REMOVAL OF AM-241 FROM HUMANS WITH DTPA ...Americum; Occupational Hazards; Plutonium; Radiation Injury Prevention; Radioactive Hazard; Scintillation Counting; ...5.0914

STUDIES IN IODINE METABOLISM ...Australia; British Isles; Digestive System - Human; Iodine; Japan; Radiation Effects - Biological; ...5.0920

RADIATION DOSIMETRY RESEARCH ...Alpha Particles; Detectors and Sensors; Fast Neutrons; Human Developmental Biology; Models (physical) of Anim.&man; Radiation Carcinogenesis; X and Gamma Rays; ...5.0924

RADIOLOGICAL AND HEALTH PHYSICS INFORMATION CENTER FOR INTERNAL EXPOSURE ...Data & Statistics Info Storage; Mammals -nonspecific; Radiation Injury Prevention; ...5.0926

PERSONNEL EXPOSURE CRITERIA FOR OPERATIONAL RADIOFREQUENCY RADIATION ENVIRONMENTS ...Interaction With Matter; Microwave and Radiofrequency; Occupational Hazards; Radiation Dose Studies-general; Radiation Injury Prevention; ...5.0945

RADIATION SAFETY COMMITTEE (U-109) ...Fast Neutrons; Ionizing Radiation -see Rad.; Neutron -see Radiation; Radiation Injury Prevention; Radioactive Hazard; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0950

INTERNAL DEPOSITIONS OF RADIONUCLIDES IN MAN ...Muridae; Occupational Hazards; Plutonium; Promethium; Radiation Injury Prevention; Respiratory Irritants, Inhaled; Samarium; ...5.0957

MECHANISMS OF ENVIRONMENTAL EXPOSURE ...Atomic Plants; Columbia River; Environmental Effects - Human; Washington; Zinc; ...5.0958

INHALATION HAZARDS TO URANIUM MINERS - RADIOCHEMICAL STUDIES ...Aerosols; Mammals -nonspecific; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Radium; Scintillation Counting; Spectrographic Techniques; ...5.0961

RADIATION INSTRUMENTATION - RADIOLOGICAL CHEMISTRY ...Spectrographic Techniques; Water Pollution Sources; ...5.0963

Radiologic Warfare

EVALUATION OF C-14 DATING OF GROUND WATER ...Aquifers; Carbon; Geochemical Analysis (water); Groundwater; Water Pollution Sources; ...2.0992

PREDICTION OF TOTAL CONSUMPTION OF FALLOUT RADIONUCLIDES BY HUMANS FROM MILK (ABBREV) ...Cesium; Food Contamination; Iodine; Mathematical Models; Nuclear Warfare; Radiologic Health; Strontium; ...5.0055

IRON-55 AND LEAD IN THE HUMAN POPULATION OF THE WORLD ...Animal Productivity; Food Contamination; Health & Geographic Factors; Lead; Radiologic Health; ...5.0084

STUDIES IN IODINE METABOLISM ...Australia; British Isles; Digestive System - Human; Iodine; Japan; Radiation Effects - Biological; Radiologic Health; ...5.0920

Radiotracers -see Tracers

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Nuclear Detonations; Radioactive Fallout; Snow; Troposphere; ...1.0002

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Precipitation Gages; Tracers; ...2.0133

NAVY ENVIRONMENT--TURBULENT DIFFUSION AND EXCHANGE PROCESSES IN ESTUARINE, COASTAL AND OCEAN WATERS ...Estuaries; Forecasting - Prediction; Marine Environments; Ocean Turbulence; Radioactivity; ...2.1034

FUNDAMENTAL STUDIES IN FALLOUT FORMATION PROCESSES ...Chemical Mechanisms & Kinetics; Electrochemistry; Fission Products-see Radioact.; Plasmas; ...5.0048

Railroads -see Transportation

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Sludge; Trucks; Urban Research - general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

A STUDY FOR RESEARCH AND REPORTING ON MASS TRANSPORTATION SYSTEMS (SUBWAYS) ACOUSTICAL ENVIRONMENT ...Mass Transit; Noise; ...6.0038

CONCRETE BASE FOR RAILWAY TRACKS ...Engineering Mechanics; Mathematical Models; Noise; Pavement; Structural Mechanics; Tunnels; ...6.0043

SPECIALIZED ENGINEERING RESEARCH EQUIPMENT - ACOUSTIC NOISE STUDIES ...Building Acoustics -see Noise; Noise; Structural Mechanics; ...6.0113

Rainfall Simulators

FATE OF SURFACE-APPLIED NITROGEN FERTILIZERS ...Agricultural Runoff; Fertilizer Losses; Microorganisms non-specific; Non-symbiotic N-fixation; Soil Microbiology; Water Pollutants - Path of; ...2.0141

RELATION OF AGRICULTURAL PRACTICES AND NATURAL VEGETATION TO NUTRIENT CONTENT OF WATERS ...Agricultural Runoff; Management (water); Plant Residues, Humus, Compost; Water Pollutants - Path of; ...2.0209

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

STRIP-MINING AND WATER QUALITY ...Acidity (water); Chemical Analysis (water); Coal; Erosion; Mine Wastes; Spoil Banks; Thermal Poll. -see Water Poll.; ...2.0309

STABILIZATION OF ORGANIC WASTES FROM CATTLE FEEDLOTS IN SEMI-ARID CLIMATES BY COMPOSTING TECHNIQUES ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Bos; Farm Animal Wastes; Semi - Arid Regions; ...3.0012

Range Management

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Animal Wastes - Feed Lots; Contamination - Soil; Fertilizers; Nutrients; Percolation (water); Soil Analysis; Soil Minerals -natural; Water Pollutants - Path of; ...2.0081

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Freezing & Below; Leaching; Nutrients; Soil Chemical Properties; ...2.0082

WATERSHED RANGE CONDITIONS AND THEIR EFFECTS ON WATER QUALITY ...Agricultural Watersheds; Bacterial Pollutant Sources; Chemical Water Properties; Water Bacteria; Water Quality -general; ...2.1140

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

RESPROUTING OF CHAPARRAL ...D, 2,4-; Granules, Capsules; Pesticide Evaluation; Pesticides -see Pesticide; Plant Phenology; Quercus; T, 2,4,5-; ...4.0234

Rapid Transit

HYBRID 14-COMPUTER OPTIMIZATION OF DISTRIBUTED PARAMETER SYSTEMS ...Communication Systems-other; Mathematical Analysis; Prediction; Stochastic Processes; Urban Research -general; ...1.0008

RAPID TRANSIT DESIGN & OPERATION STUDIES ...Engineering Mechanics; Noise; ...6.0025

Reactor Sites & Rad Waste

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Acidity (water); Arkansas; Biological Water Properties; Chemical Water Properties; Energy Conversion; Plankton; Thermal Pollution; ...2.0023

RADIONUCLIDE METABOLISM IN AQUATIC ANIMALS ...Animal Habitat Studies; Clams; Crayfish; Invertebrate Physiology; Marine Animals; Radiation Effects - Biological; Radioisotopes -nonspecific; Temperature (water); ...2.0036

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity, Contamination - Water; India; Marine Biology - General; Ocean Currents; Radioactivity; Radioecology - Plants; Salinity; Vertebrates Excl. Man; Water Pollution Sources; ...2.0126

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Biomass; Contamination - Water; Environmental Physiology; Fish; Temperature (water); ...2.0306

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; Californ - Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Water Pollutant Identification; ...2.0388

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Aquatic Ecology - Animal; Contamination - Water; Ecological Effects; Fish; Pollution Effects -see Water; Survey Studies (water); Thermal Pollution; ...2.0800

GREAT LAKES ECOLOGY STUDY ...Aquatic Ecology - Animal; Chemical Analysis (water); Ecological Effects; Environmental Ecology; Lakes; Thermal Pollution; Water Standards & Baselines; ...2.1546

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Benthic Fauna; Energy Conversion; Estuaries; Fish & Shellfish Biology; Maine; Physical Water Properties; Thermal Pollution; ...2.1568

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Aquatic Ecology - Animal; Electro-fishing; Ictalurus Punctatus; Nets; Temperature (water); ...2.1634

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants, Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants; Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...3.1707

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies, Atomic Plants; Effluents - Waste Water; Environmental Physiology; Invertebrate Physiology; Nuclear Reactors; Thermal Pollution; Water Standards & Baselines; ...2.1708

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

EFFECTS OF MODIFICATIONS ON THE COLUMBIA RIVER ...Animal Productivity; Benthic Fauna; Commercial Fishing; Electric Power Plants; Environmental Ecology; Salmo Gairdneri; Thermal Pollution; ...2.1758

THE AQUATIC ENVIRONMENT AND ELECTRICAL POWER GENERATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Great Lakes -see Specific Lake; Temperature (water); ...2.1781

THE STUDY OF THE LIFE HISTORY OF RADIONUCLIDES RELEASED INTO A MARINE AND TERRESTRIAL ECOSYSTEM AT THE SITE OF A SMALL BOILING-WATER REACTOR ...Atomic Plants, Hydrogen; Marine Biology - General; Model Studies; Water Cycle; ...5.0010

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Air - Water - Plant Relations; Cesium; Environmental Ecology; Food Contamination; Pollution Effects -see Water; Radioactive Contamination; Radiologic Health; Soil Chemical Properties; ...5.0031

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Cesium; Contamination - Water; Cyprinidae; Energy Budgets; Plant Ecology -nonspecific; Radioactive Fallout; Strontium; ...5.0038

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Burial; Cooperative Studies; Ecological Effects; Estuaries; Marine Biology - General; Marine Environments; Radioactive Fallout; Water Pollution Sources; ...5.0059

SYSTEMS ECOLOGY ...Animal Predation; Computer Methods - general; Energy Budgets; Environmental Ecology; Plant Ecology - nonspecific; Plant Productivity -general; Radioactive Pollution -no; Systems Analysis; ...5.0074

CHARACTERISTICS OF HANFORD PROJECT SOILS ...Arid and Desert Regions; Disease Resistance; Microorganisms -nonspecific; Soil Amendments; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; ...5.0085

MACRO-NEKTON INVESTIGATIONS OFF THE COLUMBIA RIVER MOUTH ...Aquatic Ecology - Animal; Engraulidae; Gadidae; Gemeridae; Vertical Distribution; ...5.0086

EFFECTS OF NUCLEAR TESTING ON VASCULAR PLANT AND RODENT POPULATIONS, NEVADA TEST SITE, NYE COUNTY, NEVADA ...Nevada; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Rodentia -other; X and Gamma Rays; Zygophyllaceae; ...5.0147

VASCULAR PLANT AND RODENT PARAMETERS IN 68 MOJAVE AND GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, SOUTHERN NEVADA, 1962-70 ...Animal Productivity; Deserts, Arid Lands; Plants; Radioactive Fallout-cf Fallout; Vertebrates Excl. Man; ...5.0148

TOXICITY OF TRITIUM-LABELED COMPOUNDS ...Beta Particles; Cell Membrane Permeability; Cellular Catabolism-see Degrad; Hydrogen; Radiation; ...5.0280

AEC ANIMAL INVESTIGATION PROGRAM ...Animal Migration; Bos; Environmental Ecology; Cvis; ...5.0421

DISEASE OF WILD SMALL MAMMAL POPULATIONS ON RADIOECOLOGY STUDY AREAS ...Air Pollution -see Specifics; Animal Habitat Studies; Cricetidae -other; Pathology; Radioactive Fallout-cf Fallout; Soricidae; ...5.0634

TERRESTRIAL ANIMAL ECOLOGY ...Animal Productivity; Cricetidae -other; Environmental Ecology; Population Dynamics - general; Radiation Sensitivity -man; Rodentia -other; ...5.0745

RADIOCHEMICAL METHODS AND MEASUREMENTS ...Atomic Plants; Contamination - Water; Radioactive Contamination; Radioisotopes -nonspecific; Radiologic Health; Water Pollution Sources; ...5.0908

Reactors

RESEARCH INITIATION - PHOTOOXIDATION IN HYDROCARBON-NITROGEN OXIDE SYSTEMS A CHARCTERIZATION OF REACTOR WALL EFFECTS ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Radiation; Temperature; Wall Effects; ...1.0129

INTERDISCIPLINARY STUDIES - QUANTUM ELECTRONICS IN LIFE SCIENCES ...Industrial Pollution -general; Lasers and Masers; Photosynthesis; Rapid Reactions; ...1.0348

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption, Chemical Regeneration, Combustion; Nitrogen and Nitrogen Cpds.; Reduction Reactions; Thermal Regeneration; ...1.0633

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Combustion; Furnace and Incinerator Design; Packed Bed Reactor; Process Waste Recovery; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0661

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Chemical Analysis -general; Fluid Mechanics; Ion Exchange; Isotope Tracer -see Tracers; Mechanism Determination; Sand Filters; Utilization; ...2.0888

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Model Studies; Optimization, Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR PROCESS CONTROL AND POLLUTION ABATEMENT ...Coatings -see Materials; Isotope Tracer -see Tracers; Plating Wastes; Radioactive Isotopes; Zinc; ...5.0804

Fixed Bed Reactor

SULFATION KINETICS IN SO2 ABSORPTION FROM FLUE GAS ...Absorption - Chemistry; Air Pollution-chemistry; Costs - see Economics Entries; Furnaces; Sulfur Dioxide Removal; ...1.0536

SORPTION AND MOVEMENT OF POLLUTED WATER IN SOIL ...Filtration; Groundwater; Pesticide Movement in Soils; Pesticides -nonspecific; Soil Chemical Properties; Soil Types -also See Specifics; Water Chemistry; ...2.0030

Flow Reactor

PHOTOCHEMICAL REACTIONS IN A FLOW REACTOR ...Aerosols; Infrared Spectroscopy; Light-catalyzed; Photochemical Reactions; ...1.0871

Fluidized Bed Reactor

INFRARED SPECTROSCOPIC ANALYSIS OF TRACE POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Combustion; Infrared Spectroscopy; Power Plants; Trace Analysis; ...1.0165

REDUCTION OF ATMOSPHERIC POLLUTION BY THE APPLICATION OF FLUIDIZED-BED COMBUSTION ...Coal; Combustion Air Pollution-gen.; Gases; Mechanism Determination; Oil and Natural Gas - Sulfur; ...1.0550

CONTROL OF PARTICULATE EMISSIONS FROM GASOLINE ENGINES ...Air Cleaning Devices; Combustion; Engine; Particulates - Air Pollution; ...1.0552

EVALUATION OF METAL OXIDES AS SORBENTS FOR SO2 IN POWER PLANT GASES ...Adsorption; Energy Conversion; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0622

FLUIDIZED-BED COMBUSTION ...Boilers; Combustion; Combustion Air Pollution-gen; Fossil Fuels; Furnaces; Heat Transmission; ...1.0660

ADSORPTION FROM AQUEOUS SOLUTION ...Adsorption; Chemical Mechanisms & Kinetics; Fluid Mechanics; Organic Matter; Organics; Waste Water Treatment -general; ...2.0914

REMOVAL OF TRACE ORGANICS FROM WATER BY ADSORPTION ON COAL ...Adsorption; Coal; Kinetics; Organics; Utilization; Waste Water Treatment -general; Water Chemistry; ...2.1120

POWDERED CARBON TREATMENT OF WASTEWATER ...Activated Sludge; Electrochemistry; Organics; Process Design; Thermal Regeneration; Turbidity; Waste Treatment Economics; ...2.1369

DEVELOPMENT OF MATHEMATICAL MODEL OF SEWAGE SLUDGE FLUIDIZED BED INCINERATORS ...Burning; Development of Models; Model Studies; ...3.0128

Nuclear Reactor

APPLICATIONS OF CRYOGENIC TECHNIQUES TO PROBLEMS IN AIR POLLUTION ...Air Pollution Monitoring; Atomic Plants; Combustion; Detectors and Sensors, Gases, Temperature Effects; ...1.0624

TREATMENT AND DISPOSAL OF CONDENSATE WASTES FROM HIGH LEVEL WASTE SOLIDIFICATION PROCESSES ...Atomic Plants; Crystallization; Distillation; Fuel; Nuclear Reactors; Temperature Effects; Waste Management -see Specific; ...3.0339

Packed Bed Reactor

ADSORPTION RATE STUDIES - AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Gases; Sulfur Dioxide Removal; ...1.0569

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Combustion; Furnace and Incinerator Design; Process Waste Recovery; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0661

Recharge (water)

THE TRANSIENT BEHAVIOR OF RECHARGE-DISCHARGE AREAS IN REGIONAL GROUND WATER SYSTEMS ...Aquifers; Groundwater Basins; Industrial Wastes; Mathematical Analysis; Water Pollution Sources; ...2.0173

POLLUTION STUDIES OF THE REGIONAL OGALLALA AQUIFER AT PORTALES, NEW MEXICO ...Aquifers; Bacterial Pollutant Sources; Coliforms -nonspecific; New Mexico; Pseudomonas; Sewage Bacteria; ...2.0254

UNSTEADY FLOW OF GROUNDWATER--DISPERSION AND SALT WATER INTRUSION IN NON-HOMOGENEOUS MEDIA

...Aquifers, Dispersion (water); Fluid Mechanics; Physical Models; Recharge Pits - Wells (water); Saline Water Intrusion; Water Wells; ...2.0459

RADIOCARBON AS A TRACER IN GROUND WATER PROBLEMS ...Aquifers; Carbon - 14 Dating; Groundwater Movement; Permeability; Radioisotopes; Waste Disposal-see Solid Waste; ...2.0475

UTILIZATION OF THE STORAGE POTENTIAL OF RIVER VALLEY AQUIFERS ...Aquifers; Data Reduction and Analysis; Infiltration; Nebraska; River Basins; Water Quality -general; Water Storage; ...2.0665

WATER RESOURCES OF SOUTHEASTERN WISCONSIN - RACINE AND KENOSHA COUNTIES ...Chemical Water Properties; Groundwater; Hydrographs; Water Quality -general; Water Table; Water Wells; ...2.0856

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacteria; Pollutant Sources; Coliforms -nonspecific; Filtration; Foreign Agriculture; Hydrolysis, Esterification; Pilot Plants; Sediments; Turbidity (water); ...2.1023

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Sewage, Turf; Water Quality -general; Water Wells; ...2.1158

FURTHER STUDIES OF INFILTRATION ...Disposal; Drainage; Groundwater; Infiltration; Saturated- Unsaturated Soils; Subsurface Runoff; Waste Water Treatment -general; ...2.1183

ENVIRONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT ...Aquifers; Erosion; Landfills - see Water Pollution; Septic Tanks; Surficial Geology Studies; Vermont; Water Table; ...2.1437

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Groundwater; Infiltration; Pesticide Residues Removal; Pesticides -see Pesticide; Sewage; Soil Organic Content; Waste Water Treatment -general; ...2.1540

BACTERIAL ADSORPTION ON SOILS ...Adsorption; Bacterial Pollutant Sources; Forecasting - Prediction; Soil Moisture; Water Pollutants - Path of; Water Wells; ...2.1737

EVALUATION OF GROUNDWATER RESOURCES, LIVERMORE VALLEY, CALIFORNIA ...California; Flow Characteristics (water); Management (water); Model Studies; Soil Tilage; Water Quality -general; ...2.1789

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal, Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

EFFECT OF WATER MANAGEMENT ON QUALITY OF GROUND WATER AND SURFACE RECHARGE IN LAS VEGAS VALLEY ...Groundwater; Management (water); Nevada; Water Pollutants - Path of; Water Resources Planning; ...2.1866

Artificial Recharge

SALT POLLUTION OF GROUNDWATER ...Fluid Mechanics; Fresh Water; Groundwater Movement; Management (water); Saline Water Intrusion; ...2.0225

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE-SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Pliocene Epoch; Silting (water) -see Sediment; Water Bacteria; Water Pollution Sources; ...2.0386

SAND AND GRAVEL AQUIFERS OF NORTHEASTERN ILLINOIS ...Aquifers; Illinois; Size; Surficial Geology Studies; Water Resources Development; ...2.0579

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Flood Irrigation; Groundwater; Potable Water; Recreation; Water Resources; Septic Tanks; Sewage - Domestic; Water Wells; ...2.0883

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

ANALYSIS OF MOUND GEOMETRY UNDER A RECHARGE BASIN ...Aquifers; Groundwater Recharge-see Rechg; Ponds; Rain Amount; Water Table; ...2.0974

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Drainage; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Irrigation Engineering; Recharge Pits - Wells (water); Soil Profile; ...2.1026

RECLAMATION OF POLLUTED FRESHWATER AQUIFERS BY PURGING ...Aquifers; Computer Models; Mapping; Simulation Theory; Water Pollutant Identification; ...2.1083

SPREADING TREATED SEWAGE FOR GROUND WATER RECHARGE ...Activated; Arizona; Disposal; Groundwater; Sewage; Waste Management -see Specific; ...2.1151

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated; Chemical Water Properties; Hawaii; Land Use; Primary Treatment; Storm Water; Urban Runoff; Water Standards & Baselines; ...2.1239

PILOT SCALE INVESTIGATIONS OF WELL RECHARGE USING CORED SAMPLES ...Aquifers; Cambrian Period; Effluents - Waste Water; Injection Wells; Sandstones; Sewage; Waste Water Treatment -general; ...2.1254

UNDERGROUND DISPOSAL OF LIQUID WASTES IN BRACKISH WATER FORMATIONS, MARYLAND ...Chemical Water Properties; Cooperative Studies; Government -see Federal Gov.; Maryland; Soil Tillage; Waste Disposal, Underground; Water Resources Planning; ...2.1286

TREATMENT NEEDED BY SEWAGE BEFORE INJECTION WELL RECHARGE ...Chlorination; Filters-filtration; Rapid Filters; Sand Filters; Tertiary Treatment; Waste Disposal, Underground; ...2.1343

ADVANCED WASTE TREATMENT FOR WATER RECLAMATION AND REUSE BY INJECTION ...Aquifers; Effluent-standards; Groundwater; Optimization, Economic; Water Reuse; ...2.1347

ADSORPTION OF VIRUS-SIZED PARTICLES IN POROUS MEDIA ...Forecasting - Prediction; Groundwater Recharge-see Rechg; Viral Pollutant Sources; Water Pollution -see Specifics; Water Supply Augmentation; ...2.1387

DEVELOPMENT OF SYSTEMS FOR GROUND WATER RECHARGE INTO THE OGALLALA FORMATION ...Agricultural Runoff; Filtration; Playas; Ponds; Specific Rock Unit; Texas; ...2.1430

ACID EMULSION BREAKING - ACTIVATED SLUDGE FOR BAKERY WASTE ...Activated Sludge; Disposal; Groundwater; New York; Waste Water Treatment -general; ...3.0230

FATE OF POLLUTANTS IN GROUND WATER ...Aquifers; Groundwater; Pesticides -see Pesticide; Texas; Water Wells; ...4.0062

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

Natural Recharge

TRACE AND TRACER ELEMENTS IN GROUND WATER: PHASE III ...Arizona; Chemical Analysis (water); Groundwater; Industrial Wastes; Lead; Soil Chemical Properties; Water Pollution Sources; Zinc; ...2.0017

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Georgia; Groundwater Movement; Lithology; Petrology; Specific Rock Unit; Water Table; ...2.0112

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff, Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers, Loam -see Soil Types, Pesticide Aquatic Cycling, Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

GROUNDWATER QUALITY AND THE HYDROLOGIC BUDGET IN A VALLEY UNDERLAIN BY CARBONATE ROCKS ...Carbonates; Groundwater; Mineralogy; Soil Tillage; Water Quality -general; ...2.0330

AN INVESTIGATION OF FACTORS RELATIVE TO GROUNDWATER RECHARGE IN IDAHO ...Groundwater; Idaho; Waste Disposal-see Solid Waste; Water Purification; ...2.0373

INVESTIGATION OF PERMEABILITY OF FINE GRAINED GLACIAL SEDIMENTS IN RELATION TO WASTE DISPOSAL IN ILLINOIS ...Aquifers; Drainage; Illinois; Land Use; Permeability; Till; Water Quality Control -general; ...2.1006

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation; Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Groundwater; Infiltration; Pesticide Residues Removal; Pesticides -see Pesticide; Sewage; Soil Organic Content; Waste Water Treatment -general; ...2.1540

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0299

Recharge Pits - Wells (water)

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

UNSTEADY FLOW OF GROUNDWATER--DISPERSION AND SALT WATER INTRUSION IN NON-HOMOGENEOUS MEDIA ...Aquifers; Dispersion (water); Fluid Mechanics; Physical Models; Recharge (water); Saline Water Intrusion; Water Wells; ...2.0450

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo; Chemical Analysis (water); Environmental Geology; Hydrographs; Land Use; Soil Tillage; Water Quality -general; Water Table; Water Wells; ...2.0570

INVESTIGATION OF PERMEABILITY OF FINE GRAINED GLACIAL SEDIMENTS IN RELATION TO WASTE DISPOSAL IN ILLINOIS ...Aquifers; Drainage; Illinois; Land Use; Permeability; Till; Water Quality Control -general; ...2.1006

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Irrigation Engineering; Soil Profile; ...2.1026

TREATMENT NEEDED BY SEWAGE BEFORE INJECTION-WELL RECHARGE ...Artificial Recharge; Chlorination; Filters-filtration; Rapid Filters; Sand Filters; Tertiary Treatment; Waste Disposal, Underground; ...2.1543

Recreation, Outdoor

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Agricultural Economics; Alaska; Cost-benefit Analysis; Equipment & Machinery; Forest Fires -see Fire; Helicopters; Types of Resources; ...1.0656

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Combustion; Environment; Loss Damages - Recreation; Recreation; Water Resources; Ship Wastes; Waste Management -see Specific; Water Chemistry; Water Pollutant Identification; ...2.0906

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Arkansas; Copepoda; Environmental Ecology; Micropterus Dolomieui; Pathology; Water Depth; Water Levels; ...2.1481

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST. CROIX (ABBREV) ...Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Fishing; Loss Damages - Recreation; Population Dynamics -general; Temperature (water); Water Pollution Effects; ...2.1603

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Florida; Legal Studies; Mississippi; Recreation; Water Resources; South Carolina; State Government; Water Pollution Sources; ...2.1815

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING ...Benefit-cost Analysis; Demand and Use -recreation; Fishing; Recreation; Water Resources; Survey - Recreation; Urban Environment; User Expenditures; ...2.1877

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Cost-benefit Analysis; Land Use; Optimization, Economic; Texas; User Characteristics - res.; Water Resources Planning; Water Resources Protection; ...2.1920

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Attitudes & Attitude Change; Economics -recreation; Environmental Effects - Human; Recreation; Water Resources; Safety - Recreation; Seasonal Homes; Water Pollution -see Specific; ...2.1931

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Generators; Harbors; Legal Studies; Power Plants -see Specific; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Coastlines - Shorelines; Economics of Natural Resources; Lake Superior; Regional Economics; Solid Waste; Tectonics; Water Quality Control -general; ...2.1937

Boating

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Combustion; Environment; Loss Damages - Recreation; Recreation; Water Resources; Ship Wastes; Waste Management -see Specific; Water Chemistry; Water Pollutant Identification; ...2.0906

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Algae -nonspecific; Fish; Fishing; Molluscs; Recreation; Water Resources; Sewage Lagoons; Waste Water Treatment -general; ...2.1159

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation; Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

HYDROLOGY OF RIVER-BASED RECREATION ...Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING ...Benefit-cost Analysis; Demand and Use -recreation; Fishing; Recreation, Outdoor; Recreation, Water Resources; Survey - Recreation; Urban Environment; User Expenditures; ...2.1877

Camping

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

MANAGEMENT GUIDES UNDER ACCELERATED RECREATION DEMANDS AND INTENSIVE LAND USE ...Air Pollution -see Specifics; Demand and Use -recreation; Forest Management, Landscaping; Recreation; Water Resources; Skiing; ...2.1788

Demand and Use -recreation

OPTIMAL RECREATIONAL DEVELOPMENT IN URBAN RIVERINE AREAS ...Costs -see Economics Entries; Industrial Wastes; Optimization, Economic; Reservoirs and Impoundments; Savings and Investment; Urban Environment; Urban Research - general; ...2.0346

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

EVALUATION OF WETLAND IMPOUNDMENTS ON STATE-OWNED WILDLIFE AREAS ...Amphibious Plants; Management (water); Recreation, Water Resources; Submerged Plants; Water Depth, Water Levels; Wetlands; Wildlife -nonspecific; ...2.0435

PREIMPOUNDMENT STUDY OF WATER QUALITY, SAYLORVILLE RESERVOIR DES MOINES RIVER, IOWA ...Data Networks; Iowa; Recreation, Water Resources; Types of Resources; Water Properties -general; Water Standards & Baselines; ...2.0585

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Economic Impact; Lakes; Pollution Effects -see Water; Regional Economics; Urban Environment; Waste Water Treatment -general; Water Quality -general; ...2.0721

THE DEVELOPMENT OF DATA FOR BATHING BEACH CRITERIA ...Bacterial Pollutant Sources; Recreation, Water Resources; Water Bacteria; Water Pollution -see Specifics; ...2.0781

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Columbia River; Electric Power Plants; Fishing; Heat Flow (water); Nitrogen and Nitrogen Cpds; Recreation, Water Resources; Types of Resources; Water Storage; ...2.0841

MANAGEMENT GUIDES UNDER ACCELERATED RECREATION DEMANDS AND INTENSIVE LAND USE ...Air Pollution -see Specifics; Forest Management; Landscaping; Recreation, Water Resources; Skiing; ...2.1788

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Air Pollution -see Specifics; Cost-benefit Analysis; Economics of Natural Resources; Northeast U. S.; Types of Resources; ...2.1837

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING ...Benefit-cost Analysis; Fishing; Recreation, Outdoor; Recreation, Water Resources; Survey - Recreation; Urban Environment; User Expenditures; ...2.1877

PUBLIC INVESTMENT CRITERIA FOR WATER-ORIENTED RECREATION IN THE LAKE ERIE BASIN ...Benefit-cost Analysis; Costs -see Economics Entries; Finance -see Economics Entries; Lake Erie; User Expenditures; Water Quality -general; Water Standards & Baselines; ...2.1896

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Economic Efficiency; Eutrophication; Oregon; Recreation, Water Resources; Types of Resources; Water Quality Control -general; ...2.1898

ECONOMIC EVALUATION OF WATER POLLUTION CONTROL ...Benefit-cost Analysis; Economics -recreation; Management (water); Model Studies; Recreation, Water Resources; Water Quality Control -general; Welfare Economics; ...2.1899

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Benefit-cost Analysis; Economics -recreation; Oregon; Regional Economics; Water Demand; Welfare Economics; ...2.1900

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Benefit-cost Analysis; Estuaries; Land Use; Oceanography -general; Rhode Island; Survey Studies (water); Water Quality Control -general; ...2.1911

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Electric Power Plants; Estuaries; Generators; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Annual Productivity; Fish; Forecasting - Prediction; Population Dynamics - general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

Economics -recreation

A STUDY OF THE EFFECTS OF ISLAND DEVELOPMENT ON LAKE WATER QUALITY ...Acidity (water); Lakes; Nitrogen and Nitrogen Cpds; Plankton; Recreation, Water Resources; Types of Resources; ...2.0115

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Combustion; Environment; Loss Damages - Recreation; Recreation, Water Resources; Ship Wastes; Waste Management -see Specific; Water Chemistry; Water Pollutant Identification; ...2.0906

IDENTIFYING ENVIRONMENTAL QUALITY ATTRIBUTES IN WATER RESOURCES ...Aquatic Ecology - Animal; Environment; Land Use; Modification Effects; Recreation, Water Resources; Social Aspects; Water Resources Development; Wilderness Recreation; ...2.1741

MANAGEMENT GUIDES UNDER ACCELERATED RECREATION DEMANDS AND INTENSIVE LAND USE ...Air Pollution -see Specifics; Demand and Use -recreation; Forest Management; Landscaping; Recreation, Water Resources; Skiing; ...2.1788

ECONOMIC EVALUATION OF WATER POLLUTION CONTROL ...Benefit-cost Analysis; Demand and Use -recreation; Management (water); Model Studies; Recreation, Water Resources; Water Quality Control -general; Welfare Economics; ...2.1899

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Benefit-cost Analysis; Demand and Use -recreation; Oregon; Regional Economics; Water Demand; Welfare Economics; ...2.1900

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Attitudes & Attitude Change; Environmental Effects - Human; Recreation, Outdoor; Recreation, Water Resources; Safety - Recreation; Seasonal Homes; Water Pollution -see Specifics; ...2.1921

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization - general; ...2.1936

Fishing

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Fish Food Organisms; Lake Stages; Pathology; Plankton; Reservoirs and Impoundments; ...2.0021

INSHORE FISHERIES HABITAT EVALUATION AND MONITORING ...Animal Habitat Studies; Ecological Effects; Mans Pollutional Activities; Marine Plants; Scuba; Types of Resources; ...2.0491

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Degradation - see Pesticide Deg; Land Use; Relief; South Dakota; Water Pollution Sources; Water Supply -general; ...2.0799

WATER COLUMN TESTING OF FERTILIZERS ...Chemical Analysis (water); Fish; Lakes; Phytoplankton; Recreation, Water Resources; Warm Temperature -natural; ...2.0832

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Columbia River; Electric Power Plants; Heat Flow (water); Nitrogen and Nitrogen Cpds; Recreation, Water Resources; Types of Resources; Water Storage; ...2.0841

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Algae -nonspecific; Boating; Fish; Mollusca; Recreation, Water Resources; Sewage Lagoons; Waste Water Treatment -general; ...2.1159

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks, Recreation, Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS

WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Aquatic Plants -nonspecific; Fish; Pollution Effects - see Water; Recreation, Water Resources; Spawn Or Nesting Sites; Water Pollution Effects; ...3.1471

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Arkansas; Copepoda; Environmental Ecology; Micropterus Dolomieui; Pathology; Recreation, Outdoor; Water Depth, Water Levels; ...2.1481

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST. CROIX (ABBREV) ...Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Loss Damages - Recreation; Population Dynamics -general; Temperature (water); Water Pollution Effects; ...3.1603

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Creel Census; Environment; Fish; Lakes; Performance; Power Reservoirs; Temperature (water); Temperature - Air; User Patterns; ...3.1620

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Fishery Development - other; Lake Ontario; Pesticides -see Pesticide; Residues in Foods; Water Depth, Water Levels; Water Resources Planning; ...3.1876

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING ...Benefit-cost Analysis; Demand and Use -recreation; Recreation, Outdoor; Recreation, Water Resources; Survey - Recreation, Urban Environment; User Expenditures; ...3.1877

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Benefit-cost Analysis; Demand and Use -recreation; Estuaries; Land Use; Oceanography -general; Rhode Island; Survey Studies (water); Water Quality Control -general; ...3.1911

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...3.1940

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Physical Water Properties; Population Dynamics -general; Recreation, Water Resources; Survey Studies (water); Vertical Distribution, Water Resources Protection; ...3.0013

General Recreation Studies

EUTROPHICATION OF SMALL RESERVOIRS IN THE GREAT PLAINS ...Algae -nonspecific; Chemical Water Properties; Flood Control Reservoirs; Great Plains Province; Nebraska; Physical Water Properties; Temporal Distribution; ...2.0238

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Coastal Engineering -general; Eutrophic Lakes; Eutrophication; New York; Plant Productivity -general; Turbidity (water); Waves -see Ocean Waves; ...2.0271

IDENTIFICATION OF INDICATOR ORGANISMS FOR EVALUATION OF WATER QUALITY ...Bacterial Pollutant Sources; Bottom Sampling; Sanitation; Water Pollutant Identification; Water Quality -general; ...2.0716

ON SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Flood Irrigation; Groundwater; Potable Water; Recreation, Water Resources; Septic Tanks; Sewage - Domestic; Water Wells; ...2.0883

DISINFECTION OF RENOVATED WASTEWATER ...Chlorination; Disinfection; Ozonization; Sewage - Domestic; Water Reuse; ...2.0931

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries; Long Island Sound; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Resources Planning; ...2.1880

PUBLIC INVESTMENT CRITERIA FOR WATER-ORIENTED RECREATION IN THE LAKE ERIE BASIN ...Benefit-cost Analysis; Costs -see Economics Entries; Finance -see Economics Entries; Lake Erie; User Expenditures; Water Quality -general; Water Standards & Baselines; ...2.1896

FLOWING BIOLOGICAL SYSTEM IN AQUACULTURE, SEWAGE TREATMENT AND POLLUTION ASSAY ...Coastlines - Shorelines; Effluents - Waste Water; Recreation, Water Resources; Sewage; Waste Water Treatment -general; ...3.0178

DISSIPATION RATES OF SELECTED NOISE LEVELS ENCOUNTERED IN OUTDOOR RECREATION ENVIRONMENTS ...Noise; ...6.0099

Golfing

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff, Arizona; Impaired Water Use; Irrigation, Parks; Runoff (water); Turf; Waste Disposal on Soils; ...3.1156

Hunting

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...3.1940

Loss Damages - Recreation

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation; Handbooks; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; ...1.0071

GLACIER NATIONAL PARK ABATEMENT STUDY - ASSESSMENT OF VEGETATION EFFECTS ...Air Pollution -see Specifics, Air Pollution-chemistry; Fluorine; Monitoring; Parks; ...1.0389

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Agricultural Economics; Air Pollution-chemistry; Forest Environment -general; Land Use; Losses Due to Pollution; Recreation, Water Resources; Remote Sensing; Smog; Value; ...1.0456

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...3.0351

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

INSHORE FISHERIES HABITAT EVALUATION AND MONITORING ...Animal Habitat Studies; Ecological Effects; Fishing; Mans Pollutional Activities; Marine Plants; Scuba; Types of Resources; ...3.0491

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Analysis and Detection; Fuels; Lakes; Lead; Mineralization; Recreation, Water Resources; Types of Resources; Water Pollutant Identification; ...3.0807

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Combustion; Environment; Recreation, Water Resources; Ship Wastes; Waste Management -see Specific, Water Chemistry; Water Pollutant Identification; ...3.0906

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Nutrients; Population Dynamics - general; Reservoirs and Impoundments; Wisconsin; ...3.1133

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST CROIX (ABBREV) ...Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Fishing; Popula-

tion Dynamics -general; Temperature (water); Water Pollution Effects; ...2.1603

Methods - Recreation

ECONOMICS OF ENVIRONMENTAL EFFECTS ON SEASONAL HOMES ...Access; Cost-benefit Analysis; Environmental Effects - Human; Landscaping; Recreation, Water Resources; Water Pollution -see Specifics; ...1.0441

ECONOMIC EVALUATION OF WATER POLLUTION CONTROL ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Management (water); Model Studies; Recreation, Water Resources; Water Quality Control -general; Welfare Economics; ...2.1899

Parks

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation; Handbooks; Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; ...1.0071

GLACIER NATIONAL PARK ABATEMENT STUDY - ASSESSMENT OF VEGETATION EFFECTS ...Air Pollution -see Specifics; Air Pollution-chemistry; Fluorine; Loss Damages - Recreation; Monitoring; ...1.0389

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff; Arizona; Impaired Water Use; Irrigation; Runoff (water); Turf; Waste Disposal on Soils; ...2.1156

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Recreation Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Floods; Inventories; Minnesota; Recreation, Water Resources; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1859

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation, Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

Resources - Recreation

Access

ECONOMICS OF ENVIRONMENTAL EFFECTS ON SEASONAL HOMES ...Cost-benefit Analysis; Environmental Effects - Human; Landscaping; Methods - Recreation; Recreation, Water Resources; Water Pollution -see Specifics; ...1.0441

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Degradation -see Pesticide Deg; Fishing; Land Use; Relief; South Dakota; Water Pollution Sources; Water Supply -general; ...2.0799

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation, Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

Acquisition

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation, Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

Inventories

WATER AND THE CITIES ...Architecture and Design; Recreation, Water Resources; Urban Environment; Water Cycle; Water Pollution Abatement; ...2.1846

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Floods; Minnesota; Recreation, Water Resources; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1859

Types of Resources

IMPACT OF AIR POLLUTANTS ON ECOSYSTEMS ...Air Pollution; Air Pollution -see Specifics; Air Pollution Monitoring; Bioindicators; Fumigants -nonspecific; Great Salt Lake; Plant Succession; Reproductive Physiology; ...1.0429

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Agricultural Economics; Alaska; Cost-benefit Analysis; Equipment & Machinery; Forest Fires -see Fire; Helicopters; Recreation, Outdoor; ...1.0656

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Baseflow; Forecasting - Prediction; Model Studies; Reservoirs and Impoundments; Rural Areas; Soil Chemical Properties; Waste Disposal on Soils; Water Table; ...2.0046

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

A STUDY OF THE EFFECTS OF ISLAND DEVELOPMENT ON LAKE WATER QUALITY ...Acidity (water); Economics -recreation; Lakes; Nitrogen and Nitrogen Cpds.; Plankton; Recreation, Water Resources; ...2.0115

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

OPTIMAL RECREATIONAL DEVELOPMENT IN URBAN RIVERINE AREAS ...Costs -see Economics Entries; Industrial Wastes; Optimization, Economic; Reservoirs and Impoundments; Savings and Investment; Urban Environment; Urban Research - general; ...2.0346

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

EVALUATION OF WETLAND IMPOUNDMENTS ON STATE-OWNED WILDLIFE AREAS ...Amphibious Plants; Demand and Use -recreation; Management (water); Recreation, Water Resources; Submerged Plants; Water Depth, Water Levels; Wetlands; Wildlife -nonspecific; ...2.0435

VIROLOGICAL METHODS RESEARCH IN WATERS ...Estuaries; Food Contamination; Safety - Recreation; Viral Pollutant Sources; Water Pollution -see Specifics; ...2.0463

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Sampling; Urban Research - general; Water Pollution Sources; ...2.0479

INSHORE FISHERIES HABITAT EVALUATION AND MONITORING ...Animal Habitat Studies; Ecological Effects; Fishing; Mans Pollutional Activities; Marine Plants; Scuba; ...2.0491

PREIMPOUNDMENT STUDY OF WATER QUALITY, TAYLORVILLE RESERVOIR DES MOINES RIVER, IOWA ...Data Networks; Iowa; Recreation, Water Resources; Water Properties - general; Water Standards & Baselines; ...2.0585

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling; Water Quality -general; ...2.0703

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Analysis and Detection; Fuels; Lakes; Lead; Mineralization; Recreation, Water Resources; Water Pollutant Identification; ...2.0867

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Columbia River; Electric Power Plants; Fishing; Heat Flow (water); Nitrogen and Nitrogen Cpds.; Recreation, Water Resources; Water Storage; ...2.0841

THE REMOVAL OF IMPURITIES IN TRICKLING FILTER EFFLUENTS ...Coagulation; Electrophoresis; Pond; Tertiary Treatment; Zeta Potential; ...2.0944

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis; Management (water); Multiple Purpose Reservoirs; Potable Water; Regional Economics; Social Aspects; Waste Water Treatment -general; Water Resources Planning; ...2.0967

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff; Arizona; Impaired Water Use; Irrigation; Parks; Runoff (water); Turf; Waste Disposal on Soils; ...2.1156

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Algae -nonspecific; Boating; Fish; Fishing; Mollusca; Recreation, Water Resources; Sewage Lagoons; Waste Water Treatment -general; ...2.1159

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

THERMAL WATER DEMONSTRATION PROJECT ...Agricultural Studies -general; Benefit-cost Analysis; Heat Recovery, Industrial; Pilot Plants; Technology - Social Impact; Thermal Pollution; Water Utilization -animal; Welfare Economics; ...2.1389

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Arkansas; Copepoda; Environmental Ecology; Micropterus Dolomieui; Pathology; Recreation, Outdoor; Water Depth, Water Levels; ...2.1481

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

MANAGEMENT GUIDES UNDER ACCELERATED RECREATION DEMANDS AND INTENSIVE LAND USE ...Air Pollution -see Specifics; Demand and Use -recreation; Forest Management; Landscaping; Recreation, Water Resources; Skiing; ...2.1788

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Florida; Legal Studies; Mississippi; Recreation, Water Resources, South Carolina; State Government; Water Pollution Sources; ...2.1815

WATER QUALITY CRITERIA FOR SELECTED RECREATION USES ...Attitudes & Attitude Change; Multivariate Analysis; Recreation, Water Resources; Social Aspects; Survey Studies (water); Water Pollutant Identification; Water Quality -general; ...2.1827

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Air Pollution -see Specifics; Cost-benefit Analysis; Economics of Natural Resources; Northeast U. S.; ...2.1837

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Floods; Inventories; Minnesota; Recreation, Water Resources; Regional Or State Studies; Waste Treatment Economics; ...2.1859

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

ENVIRONMENTAL CONSIDERATIONS IN LAND AND WATER USE PLANNING IN RIVER BASINS ...Land Use; North Carolina; Plant Ecology -nonspecific; Recreation, Water Resources; River Basins; Urban Environment; Water Resources Planning; ...2.1887

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Demand and Use -recreation; Economic Efficiency; Eutrophication; Oregon; Recreation, Water Resources; Water Quality Control -general; ...2.1898

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Oregon; Regional Economics; Water Demand; Welfare Economics; ...2.1900

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Groundwater; Land Use; Percolation (water); Primary Treatment; Secondary Treatment; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1907

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Cost-benefit Analysis; Land Use; Optimization, Economic; Recreation, Outdoor; Texas; User Characteristics -rec.; Water Resources Planning; Water Resources Protection; ...2.1920

ATTITUDES, OPINIONS AND GOALS CONCERNING REGIONAL RESOURCE PLANNING AND DEVELOPMENT ...Attitudes & Attitude Change; Computer Methods -general; Economic Planning; Government -see Federal Gov.; Regional Economics; River Basins; Vermont; ...2.1922

A NEW LOOK AT THE OCEAN RECREATION MARKET ...Coastlines - Shorelines; Environment; Erosion; Ocean Waves - see Waves; Recreation, Water Resources; Shoreline Structures; Water Resources Planning; ...2.1924

ANALYSIS OF WATER RESOURCES ADMINISTRATIVE AGENCIES ...Administration and Management; Management (water); Recreation, Water Resources; Water Quality -general; Water Resources Planning; ...2.1926

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization - general; ...2.1936

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Coastlines - Shorelines; Economics of Natural Resources; Lake Superior; Recreation, Outdoor; Regional Economics; Solid Waste; Tectonics; Water Quality Control - general; ...2.1937

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Water Quality Control -general; Wisconsin; ...2.1938

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Recreation, Water Resources; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

Safety - Recreation

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation; Handbooks; Loss Damages - Recreation; Pseudotsuga; Wildlife -nonspecific; ...1.0071

ENTERIC VIRUS SURVIVAL IN ESTUARINE WATERS ...Estuaries; Food Contamination; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.0002

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Acid Mine Drainage; Aquatic Plants - nonspecific; Biological Effects; Iowa; Lakes; Oklahoma; Population Dynamics -general; Strip Mines; ...2.0024

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

VIROLOGICAL METHODS RESEARCH IN WATERS ...Estuaries; Food Contamination; Viral Pollutant Sources; Water Pollution -see Specifics; ...2.0463

VIROLOGICAL METHODS RESEARCH IN WATERS ...Food Contamination; Recreation, Water Resources; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; Water Reuse; ...2.0467

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Analysis and Detection; Fuels; Lakes; Lead; Mineralization; Recreation, Water Resources; Types of Resources; Water Pollutant Identification; ...2.0807

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Adsorption; Electrochemistry; Filtration; Pilot Plants; Precipitation; Viruses - Animal; Water Pollution -see Specifics; ...2.0836

SURVIVAL OF INTESTINAL BACTERIA IN PRISTINE WATERS ...Bacterial Ecology; Bacterial Pollutant Sources; Recreation, Water Resources; Sewage; Water Bacteria; ...2.0843

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Combustion; Environment; Loss Damages - Recreation; Recreation, Water Resources; Ship Wastes; Waste Management -see Specific; Water Chemistry; Water Pollutant Identification; ...2.0906

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis; Management (water); Multiple Purpose Reservoirs; Potable Water; Regional Economics; Social Aspects; Waste Water Treatment -general; Water Resources Planning; ...2.0967

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EFFLUENT PRIOR TO A MAJOR FLOW INCREASE ...Arthropods; Biological Water Properties; Chemical Water Properties; Estuaries; Recreation, Water Resources Secondary Treatment; Sewage Treatment Plant; Water Pollutant Identification; ...2.0987

ENTERIC VIRUS SURVIVAL IN AQUEOUS ENVIRONMENTS ...Estuaries; Food Contamination; Potable Water; Recreation, Water Resources; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.1145

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation; Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

NATIONAL AND ENVIRONMENTAL HAZARDS, DISORDERS, ENVIRONMENTAL QUALITY ...Drought - Meteorologic; Floods; Glaciology; Recreation, Water Resources; Seismology; Urban Environment; Urban Research -general; Water Pollution Sources; ...2.1799

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Attitudes & Attitude Change; Economics -recreation; Environmental Effects - Human; Recreation, Outdoor; Recreation, Water Resources; Seasonal Homes; Water Pollution -see Specifics; ...2.1921

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Recreation, Water Resources; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

Seasonal Homes

ECONOMICS OF ENVIRONMENTAL EFFECTS ON SEASONAL HOMES ...Access; Cost-benefit Analysis; Environmental Effects - Human; Landscaping; Methods - Recreation; Recreation, Water Resources; Water Pollution -see Specifics; ...1.0441

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Air Pollution -see Specifics; Cost-benefit Analysis; Economics of Natural Resources; Northeast U. S.; Types of Resources; ...2.1837

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Attitudes & Attitude Change; Economics -recreation; Environmental Effects - Human; Recreation, Outdoor; Recreation, Water Resources; Safety - Recreation; Water Pollution -see Specifics; ...2.1921

Skiing

MANAGEMENT GUIDES UNDER ACCELERATED RECREATION DEMANDS AND INTENSIVE LAND USE ...Air Pollution -see Specifics; Demand and Use -recreation; Forest Management; Landscaping; Recreation, Water Resources; ...2.1788

Standards - Recreation

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Combustion; Environment; Loss Damages - Recreation; Recreation, Water Resources; Ship Wastes; Waste Management -see Specific; Water Chemistry; Water Pollutant Identification; ...2.0906

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

Survey - Recreation

WATER QUALITY CRITERIA FOR SELECTED RECREATION USES ...Attitudes & Attitude Change; Multivariate Analysis; Recreation, Water Resources; Social Aspects; Survey Studies (water); Water Pollutant Identification; Water Quality -general; ...2.1827

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING ...Benefit-cost Analysis; Demand and Use -recreation; Fishing; Recreation, Outdoor; Recreation, Water Resources; Urban Environment; User Expenditures; ...2.1877

Swimming

THE DEVELOPMENT OF DATA FOR BATHING BEACH CRITERIA ...Bacterial Pollutant Sources; Demand and Use - recreation; Recreation, Water Resources; Water Bacteria; Water Pollution -see Specifics; ...2.0781

DIRECT METHODS FOR THE ENUMERATION OF SALMONELLA IN WATER ...Bacterial Pollutant Sources; Marine Biology - General; Recreation, Water Resources; Water Pollution -see Specifics; ...2.0940

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

NATIONAL AND ENVIRONMENTAL HAZARDS, DISORDERS, ENVIRONMENTAL QUALITY ...Drought - Meteorologic; Floods; Glaciology; Recreation, Water Resources; Seismology; Urban Environment; Urban Research -general; Water Pollution Sources; ...2.1799

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Benefit-cost Analysis; Demand and Use -recreation; Estuaries; Land Use; Oceanography -general; Rhode Island; Survey Studies (water); Water Quality Control -general; ...2.1911

Touring

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Aquifers; Cultural Control; Eutrophication; Landfill; Nutrients; Sanitary Landfills; Waste Disposal-see Solid Waste; ...2.1047

User Characteristics -rec.

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Cost-benefit Analysis; Land Use; Optimization, Economic; Recreation, Outdoor; Texas; Water Resources Planning; Water Resources Protection; ...2.1920

Performance

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Creel Census; Environment; Fish; Lakes; Power Reservoirs; Temperature (water); Temperature - Air; User Patterns; ...2.1620

WATER QUALITY CRITERIA FOR SELECTED RECREATION USES ...Attitudes & Attitude Change; Multivariate Analysis;

Recreation, Water Resources; Social Aspects; Survey Studies (water); Water Pollutant Identification; Water Quality -general; ...2.1827

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Recreation, Water Resources; Regression Analysis; River Basins, Water Costs; Water Rights; Water Utilization -general, ...2.1936

Residence

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Baseflow; Forecasting - Prediction; Model Studies; Reservoirs and Impoundments; Rural Areas; Soil Chemical Properties; Waste Disposal on Soils; Water Table; ...2.0046

User Expenditures

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING ...Benefit-cost Analysis; Demand and Use -recreation; Fishing; Recreation, Outdoor; Recreation, Water Resources; Survey - Recreation; Urban Environment, ...2.1877

PUBLIC INVESTMENT CRITERIA FOR WATER-ORIENTED RECREATION IN THE LAKE ERIE BASIN ...Benefit-cost Analysis; Costs -see Economics Entries; Finance -see Economics Entries; Lake Erie; Water Quality -general; Water Standards & Baselines; ...2.1896

User Patterns

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Creel Census, Environment; Fish; Lakes; Performance; Power Reservoirs; Temperature (water); Temperature - Air; ...2.1620

Wilderness Recreation

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation, Handbooks; Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; ...1.0071

EVALUATION OF WETLAND IMPOUNDMENTS ON STATE-OWNED WILDLIFE AREAS ...Amphibious Plants; Demand and Use -recreation; Management (water); Recreation, Water Resources; Submerged Plants; Water Depth, Water Levels; Wetlands; Wildlife -nonspecific; ...2.0435

IDENTIFYING ENVIRONMENTAL QUALITY ATTRIBUTES IN WATER RESOURCES ...Aquatic Ecology - Animal; Economics - recreation; Environment; Land Use, Modification Effects; Recreation, Water Resources; Social Aspects; Water Resources Development; ...2.1741

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

Recreation, Water Resources

IMPACT OF AIR POLLUTANTS ON ECOSYSTEMS ...Air Pollution; Air Pollution -see Specifics; Air Pollution Monitoring; Bioindicators; Fumigants -nonspecific; Great Salt Lake; Plant Succession; Reproductive Physiology; ...1.0429

ECONOMICS OF ENVIRONMENTAL EFFECTS ON SEASONAL HOMES ...Access; Cost-benefit Analysis; Environmental Effects - Human; Landscaping; Methods - Recreation; Water Pollution -see Specifics; ...1.0441

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Agricultural Economics; Air Pollution-chemistry; Forest Environment -general; Land Use; Losses Due to Pollution; Remote Sensing, Smog; Value; ...1.0456

ENVIRONMENT AND HUMAN RESPONSE ...Air Pollution -see Specifics; Economics of Natural Resources; Regional Economics; Rural Sociology; Urban Planning; ...1.0495

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Fish Food Organisms; Lake Stages; Pathology; Plankton; Reservoirs and Impoundments; ...2.0021

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Elevation Levels, Altitude; Erosion; Forest Watersheds; Mineralogical Water Properties; Oligotrophic Lakes; Optical Properties of Water; Temperature Or Heat Budgets; Turbidity (water); ...2.0032

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

A STUDY OF THE EFFECTS OF ISLAND DEVELOPMENT ON LAKE WATER QUALITY ...Acidity (water); Economics -recreation; Lakes; Nitrogen and Nitrogen Cpds.; Plankton; Types of Resources; ...2.0115

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Urban Research -general; ...2.0180

EUTROPHICATION OF SMALL RESERVOIRS IN THE GREAT PLAINS ...Algae -nonspecific; Chemical Water Properties; Flood Control Reservoirs; Great Plains Province; Nebraska; Physical Water Properties; Temporal Distribution; ...2.0238

MOSQUITO CONTROL - TIDAL MARSHES ...Chemical Analysis; Land Use, Modification Effects; Pesticide Action on Animals; Physical Control; Swamps - Marshes; ...2.0252

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Coastal Engineering -general; Eutrophic Lakes; Eutrophication; General Recreation Studies, New York; Plant Productivity -general; Turbidity (water); Waves -see Ocean Waves; ...2.0271

OPTIMAL RECREATIONAL DEVELOPMENT IN URBAN RIVERINE AREAS ...Costs -see Economics Entries; Industrial Wastes; Optimization, Economic; Reservoirs and Impoundments; Savings and Investment; Urban Environment; Urban Research - general; ...2.0346

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

EVALUATION OF WETLAND IMPOUNDMENTS ON STATE-OWNED WILDLIFE AREAS ...Amphibious Plants; Demand and Use -recreation; Management (water); Submerged Plants; Water Depth, Water Levels; Wetlands; Wildlife -nonspecific; ...2.0435

VIROLOGICAL METHODS RESEARCH IN WATERS ...Estuaries; Food Contamination; Safety - Recreation; Viral Pollutant Sources; Water Pollution -see Specifics; ...2.0463

VIROLOGICAL METHODS RESEARCH IN WATERS ...Food Contamination; Safety - Recreation; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; Water Reuse; ...2.0467

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sampling; Types of Resources; Urban Research -general; Water Pollution Sources; ...2.0479

PREIMPOUNDMENT STUDY OF WATER QUALITY, SAYLORVILLE RESERVOIR DES MOINES RIVER, IOWA ...Data Networks; Iowa; Types of Resources; Water Properties -general; Water Standards & Baselines; ...2.0585

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

POLLUTION OF A MARINA AREA BY WATERCRAFT USE AS INDICATED BY COLIFORM AND CHEMICAL CONCENTRATIONS ...Bacterial Pollutant Sources; Bottom Sampling; Coliforms -nonspecific; Marinas; Ship Wastes; Water Pollutant Identification; ...2.0635

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL ...Aerobic Bacteria; Bacterial Pollutant Sources; Delaware Bay; Forecasting - Prediction; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0756

THE DEVELOPMENT OF DATA FOR BATHING BEACH CRITERIA ...Bacterial Pollutant Sources; Demand and Use - recreation; Water Bacteria; Water Pollution -see Specifics; ...2.0781

QUANTITATIVE RECOVERY OF PSEUDOMONAS AERUGINOSA FROM POTABLE AND RECREATIONAL WATERS ...Bacterial Pollutant Sources; Bacterial Population Surveys; Estuaries; Potable Water; Pseudomonas Aeruginosa; Water Pollutant Identification; ...2.0784

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Degradation - see Pesticide Deg; Fishing; Land Use; Relief; South Dakota; Water Pollution Sources; Water Supply -general; ...2.0799

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Analysis and Detection; Fuels; Lakes; Lead; Mineralization; Types of Resources; Water Pollutant Identification; ...2.0807

WATER COLUMN TESTING OF FERTILIZERS ...Chemical Analysis (water); Fish; Lakes; Phytoplankton; Warm Temperature - natural; ...2.0832

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Adsorption; Electrochemistry; Filtration; Pilot Plants; Precipitation; Safety - Recreation; Viruses - Animal; Water Pollution -see Specifics; ...2.0836

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Columbia River; Electric Power Plants; Fishing; Heat Flow (water); Nitrogen and Nitrogen Cpds.; Types of Resources; Water Storage; ...2.0841

SURVIVAL OF INTESTINAL BACTERIA IN PRISTINE WATERS ...Bacterial Ecology; Bacterial Pollutant Sources; Sewage; Water Bacteria; ...2.0843

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Flood Irrigation; Groundwater; Potable Water; Septic Tanks; Sewage - Domestic; Water Wells; ...2.0883

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Combustion; Environment; Loss Damages - Recreation; Ship Wastes; Waste Management -see Specific; Water Chemistry; Water Pollutant Identification; ...2.0906

DISINFECTION OF RENOVATED WASTEWATER ...Chlorination; Disinfection; General Recreation Studies; Ozonization; Sewage - Domestic; Water Reuse; ...2.0931

DIRECT METHODS FOR THE ENUMERATION OF SALMONELLA IN WATER ...Bacterial Pollutant Sources; Marine Biology - General; Swimming; Water Pollution -see Specifics; ...2.0940

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis; Management (water); Multiple Purpose Reservoirs; Potable Water; Regional Economics; Social Aspects; Waste Water Treatment -general; Water Resources Planning; ...2.0967

RIVER BASINS - SOUTH FORK DAM ...Agricultural Studies - general; Dams -general; Irrigation; Model Studies; Platte River; River Basins; ...2.0978

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EFFLUENT PRIOR TO A MAJOR FLOW INCREASE ...Arthropods; Biological Water Properties; Chemical Water Properties; Estuaries; Secondary Treatment; Sewage Treatment Plant; Water Pollutant Identification; ...2.0987

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Aquifers; Cultural Control; Eutrophication; Landfill; Nutrients; Sanitary Landfills; Waste Disposal-see Solid Waste; ...2.1047

NEUTRALIZATION EXPERIMENTS ...Acidity (water); Aquatic Ecology - Animal; Fish; Lime Treatment; New Jersey; ...2.1060

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1069

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

SYSTEM ANALYSIS OF EUTROPHICATION CONTROL BY FLUSHING ...Eutrophic Lakes; Eutrophication; Nutrients; Primary Productivity - Plants; Systems Analysis - Water Mgmt; ...2.1128

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

ENTERIC VIRUS SURVIVAL IN AQUEOUS ENVIRONMENTS ...Estuaries; Food Contamination; Potable Water; Safety - Recreation; Viral Pollutant Sources; Viruses - Animal; Water Pollution - see Specifics; ...2.1145

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff; Arizona; Impaired Water Use; Irrigation; Parks; Runoff (water); Turf; Waste Disposal on Soils; ...2.1156

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Algae -nonspecific; Boating; Fish; Fishing; Mollusca; Sewage Lagoons; Waste Water Treatment -general; ...2.1159

EFFECT OF PHOSPHORUS REMOVAL PROCESSES ON ALGAL GROWTH ...Algae -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds; Nutrients; Phosphorus and Phosphorus Cpds; Waste Water Treatment -general; Water Resources Protection; ...2.1177

ECOLOGICAL AND PHYSIOLOGICAL IMPLICATIONS OF GREENBELT IRRIGATION ...California; Fire Prevention; Groundwater; Irrigation; Plant Ecology -nonspecific; Sewage; Waste Disposal on Soils; ...2.1189

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

THERMAL WATER DEMONSTRATION PROJECT ...Agricultural Studies -general; Benefit-cost Analysis; Heat Recovery, Industrial; Pilot Plants; Technology - Social Impact; Thermal Pollution; Water Utilization -animal; Welfare Economics; ...2.1389

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Aquatic Plants -nonspecific; Fish; Fishing; Pollution Effects -see Water; Spawn Or Nesting Sites; Water Pollution Effects; ...2.1471

SAND RECOVERY ...Dredging; Ecological Effects; Hawaii; Marine Biology - General; Pollution Effects -see Water; Sand; ...2.1541

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

WATER AND SEDIMENT, SUPPLY AND ACCUMULATION IN THE ESTUARY, ST. LOUIS BAY, MISSISSIPPI ...Bays; Estuaries; Marine Biology - General; Mississippi; River Basins; Sediment Yield; Sediments; ...2.1608

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

IDENTIFYING ENVIRONMENTAL QUALITY ATTRIBUTES IN WATER RESOURCES ...Aquatic Ecology - Animal; Economics - recreation; Environment; Land Use, Modification Effects; Social Aspects; Water Resources Development; Wilderness Recreation; ...2.1741

MANAGEMENT GUIDES UNDER ACCELERATED RECREATION DEMANDS AND INTENSIVE LAND USE ...Air Pollution -see Specifics; Demand and Use -recreation; Forest Management; Landscaping; Skiing; ...2.1788

ENVIRONMENTAL DECISION-MAKING IN THE LAKE TAHOE BASIN ...Coastlines - Shorelines; Environmental Hazards; Eutrophication; Model Studies, Urban Environment; Water Resources Planning; ...2.1790

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

NATIONAL AND ENVIRONMENTAL HAZARDS, DISORDERS, ENVIRONMENTAL QUALITY ...Drought - Meteorologic; Floods; Glaciology; Seismology; Urban Environment; Urban Research -general; Water Pollution Sources; ...2.1799

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Florida; Legal Studies; Mississippi; South Carolina; State Government; Water Pollution Sources; ...2.1815

WATER QUALITY CRITERIA FOR SELECTED RECREATION USES ...Attitudes & Attitude Change; Multivariate Analysis; Social Aspects; Survey Studies (water); Water Pollutant Identification; Water Quality -general; ...2.1827

WATER AND THE CITIES ...Architecture and Design; Inventories; Urban Environment, Water Cycle; Water Pollution Abatement; ...2.1846

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Floods; Inventories; Minnesota; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1859

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING ...Benefit-cost Analysis; Demand and Use -recreation; Fishing; Recreation, Outdoor; Survey - Recreation; Urban Environment; User Expenditures; ...2.1877

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries; General Recreation Studies; Long Island Sound; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Resources Planning; ...2.1880

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization -domestic; ...2.1881

ENVIRONMENTAL CONSIDERATIONS IN LAND AND WATER USE PLANNING IN RIVER BASINS ...Land Use; North Carolina; Plant Ecology -nonspecific; River Basins; Types of Resources; Urban Environment; Water Resources Planning; ...2.1887

PUBLIC INVESTMENT CRITERIA FOR WATER-ORIENTED RECREATION IN THE LAKE ERIE BASIN ...Benefit-cost Analysis; Costs -see Economics Entries; Finance -see Economics Entries; Lake Erie; User Expenditures; Water Quality -general; Water Standards & Baselines; ...2.1896

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Demand and Use -recreation; Economic Efficiency; Eutrophication; Oregon; Types of Resources; Water Quality Control -general; ...2.1898

ECONOMIC EVALUATION OF WATER POLLUTION CONTROL ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Management (water); Model Studies; Water Quality Control -general; Welfare Economics; ...2.1899

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Oregon; Regional Economics; Water Demand; Welfare Economics; ...2.1900

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Consumption; Development of Models; Floods; Land Use; Mathematical Models; Statistical Models; Urban Research; ...2.1904

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Groundwater; Land Use; Percolation (water); Primary Treatment; Secondary Treatment; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1907

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA ...Administrative Organizations; Federal Government; Law Enforcement; Local Government; State Government; Water Conservation -general, Water Resources Planning; ...2.1915

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Cost-benefit Analysis; Land Use; Optimization, Economic; Recreation, Outdoor; Texas; User Characteristics -rec.; Water Resources Planning; Water Resources Protection; ...2.1920

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Attitudes & Attitude Change; Economics -recreation; Environmental Effects - Human; Recreation, Outdoor; Safety - Recreation; Seasonal Homes; Water Pollution -see Specifics; ...2.1921

A NEW LOOK AT THE OCEAN RECREATION MARKET ...Coastlines - Shorelines; Environment; Erosion; Ocean Waves - see Waves; Shoreline Structures; Types of Resources; Water Resources Planning; ...2.1924

ANALYSIS OF WATER RESOURCES ADMINISTRATIVE AGENCIES ...Administration and Management; Management (water); Types of Resources; Water Quality -general; Water Resources Planning; ...2.1926

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation, Electric Power Plants; Estuaries; Generators; Harbors, Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Regression Analysis; River Basins; Water Costs, Water Rights; Water Utilization -general, ...2.1936

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Coastlines - Shorelines; Economics of Natural Resources; Lake Superior; Recreation, Outdoor; Regional Economics; Solid Waste; Tectonics; Water Quality Control - general; ...2.1937

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish, Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ...Building Design; Coastlines - Shorelines; Economic Planning; Mathematical Models; Planning; Regional Economics; Urban Planning; Water Quality -general; ...3.0084

FLOWING BIOLOGICAL SYSTEM IN AQUACULTURE, SEWAGE TREATMENT AND POLLUTION ASSAY ...Coastlines - Shorelines; Effluents - Waste Water; General Recreation Studies; Sewage; Waste Water Treatment -general; ...3.0178

MECHANISMS OF ENVIRONMENTAL EXPOSURE ...Atomic Plants; Columbia River; Environmental Effects - Human; Radiologic Health; Washington; Zinc; ...5.0958

Red River

WASTE TREATMENT FACILITIES DEMONSTRATION ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Livestock -nonspecific; Pilot Plants; ...3.0258

Reduction Reactions

AIR POLLUTION CONTROL BY CATALYSIS ...Air Pollution-chemistry; Catalysts; Combustion; Fuels; Oxidation; ...1.0535

REDUCTION OF NITRIC OXIDE BY GRAPHITE ...Adsorption; Air Pollution-chemistry; Combustion; Kinetics; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0540

SOME TRANSITION METAL CHEMISTRY AND STRUCTURES OF COMPLEXES INVOLVING TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Chelation & Complexing; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Ultraviolet Spectroscopy; ...1.0619

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Air Pollution-chemistry; Electron Diffraction; Fluorometry; Microscopy; X-ray Spectroscopy; Xray Diffraction; ...1.0629

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Chemical Regeneration; Combustion; Nitrogen and Nitrogen Cpds.; Thermal Regeneration; ...1.0633

INTERACTION OF FLUE GASES WITH CARBON SURFACES ...Air Pollution-chemistry; Catalysis, Heterogeneous; Combustion; Impurity; Oxidation; Porosity; Sulfur Dioxide Removal; ...1.0642

SELECTIVE AND SENSITIVE METHODS FOR THE DETERMINATION OF SULFURIC ACID AEROSOLS ...Aerosols; Air Pollution chemistry; Chelation & Complexing; Electroanalyses; Electrochemistry; Mercury; Spectrographic Techniques; ...1.0708

CHEMISTRY AND PROPERTIES OF OZONIDES ...Air Pollution - see Specifics; Catalysis, Homogeneous; Hydrolysis, Esterification; Ozonization; Thermochemistry -biophysics; ...1.0880

TRANSITION METAL CHEMISTRY OF TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Catalysis, Heterogeneous; Chelation & Complexing; Nitrogen and Nitrogen Cpds.; Oxidation; ...1.0904

DYNAMICS OF THE NITROGEN CYCLE IN LAKES ...Algal Physiology; Analysis and Detection; Denitrification -see Nitrogen; Eutrophication; Hydrogen; Nitrogen and Nitrogen Cpds.; Nitrogen Cycle -see Denitrif.; Plant Productivity -general; Sub - Polar Regions; ...2.0009

DILUTE SOLUTION REACTIONS OF NITRATE ION AS APPLIED TO WATER RECLAMATION ...Degradation; Denitrification -see Nitrogen; Literature Search; ...2.0876

REUSE OF PLANT EFFLUENT AND COOLING WATER BLOWDOWN AS PROCESS WATER ...Activated; Biochemical Oxygen Demand; Chemical Oxygen Demand; Digestion; Pond; Sewer Systems; Water Reuse; ...2.0924

RECLAMATION OF METAL VALUES FROM METAL-FINISHING WASTE TREATMENT SLUDGES ...Degradation; Industrial Wastes; Oxidation; Sludge; Waste Treatment; ...2.1333

MICROBIOLOGICAL REMOVAL OF IRON FROM MINE DRAINAGE WATERS ...Acid Mine Wastes; Demineralization; Mine Drainage Control; Oxidation; Waste Water Treatment - general; ...2.1384

CHEMICAL PULPING AND BLEACHING ...Air Pollution-chemistry; Electrolytic; Industrial Pollution -general; Materials -properties; Pulp and Paper Wastes; Water Chemistry; ...3.0351

STRUCTURAL CHEMISTRY OF SOIL HUMIC SUBSTANCES ...Adsorption; Chelation & Complexing; Hydrolysis, Esterification; Organic Soils -see Soils; Pesticides -nonspecific; Soil Chemical Properties, Soil Microbiology; ...4.0106

BEHAVIOR OF DILUTE SOLUTIONS OF MERCURIC SALTS ...Catalysts; Mechanism Determination; Mercury; Oxidation; Thermodynamics -biophysics; Toxicology; Water Pollution Sources; ...4.0779

GROSS ALPHA DETERMINATION IN ENVIRONMENTAL AND BIOLOGICAL SAMPLES ...Alpha Particles; Californium; Feces; Polonium; Radioactive Isotopes; Urine; ...5.0823

Catalytic

SO2 AND NOX REMOVALS FROM STACKS GASES BY CO ...Air Pollution-chemistry; Catalysis, Heterogeneous, Combustion; Kinetics; Nitrogen and Nitrogen Cpds.; ...1.0563

CATALYTIC REDUCTION OF OXIDES OF NITROGEN ...Air Pollution-chemistry; Catalysis, Heterogeneous; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0863

REACTIONS OF SO2 WITH HYDROCARBONS, CO AND H2 ...Air Pollution-chemistry; Catalysis, Heterogeneous; Statistical; Temperature; ...1.0897

Hydrogenation

BIOLOGICAL NITROGEN FIXATION IN LAKES, PHASE II ...Algae - Cyanophyta; Eutrophic Lakes; Eutrophication; Nitrogen Metabolism; Water Utilization -plant; ...2.1779

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Costs - see Economics Entries; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Soil Amendments; Waste Disposal on Soils; ...3.0281

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Disposal; Farm Animal Wastes; Plant Waste Removal, Treatment; Recoverable Materials; Waste Material Recovery; ...3.0282

Reducing Agents

REGENERATION OF CARBON ADSORBENTS FOR SO2 ...Adsorption; Air Pollution-chemistry; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0625

Refractometry

INFLUENCE OF AEROSOL CHARACTERISTICS ON VISIBILITY ...Aerosols; Air Pollution Monitoring; Chemical Composition; Optical Properties; Visibility; ...1.0856

PHYSICAL CHEMISTRY OF AEROSOLS ...Aerosols; Light Scattering Analysis; Particulates - Air Pollution; ...1.0883

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER ...Analysis and Detection; Herbicides -nonspecific; Liquids; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reflection; Soil Fertility; Water; 2.1618

Regional Or State Studies

ENVIRONMENT AND HUMAN RESPONSE ...Air Pollution -see Specifics; Economics of Natural Resources; Recreation, Water Resources; Regional Economics; Rural Sociology; Urban Planning; 1.0495

LEGAL INFORMATAON HANDLING SYSTEM ...Air Pollution; Data Reduction and Analysis; Government -see Federal Gov.; Information Systems; ...1.0528

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity - general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

DATA ACQUISITION SYSTEMS IN WATER QUALITY MANAGEMENT ...Aircraft Remote Sensing; Colorado; Data Acquisition; Detectors and Sensors; Water Chemistry; Water Standards & Baselines; ...2.0519

PREDICTION MODELS FOR WATER QUALITY PARAMETERS ...Forecasting - Prediction; Operations Research; River Basins, Systems Analysis - Water Mgmt; Water Standards & Baselines; ...2.0556

OPTIMIZING STRATEGY FOR STATE WATER POLLUTION CONTROL IN THE POST 'PLAN OF IMPLEMENTATION' PERIOD ...Administrative Organizations; Massachusetts; Optimization, Economic; Survey Studies (water); Water Quality Control -general; Water Resources Planning; ...2.1039

MANAGEMENT GUIDES UNDER ACCELERATED RECREATION DEMANDS AND INTENSIVE LAND USE ...Air Pollution -see Specifics; Demand and Use -recreation; Forest Management; Landscaping; Recreation, Water Resources; Skiing; ...2.1788

A METHODOLOGY FOR PLANNING OPTIMAL REGIONAL WASTE MANAGEMENT SYSTEMS ...Management (water); Optimization, Economic; Systems Analysis - Water Mgmt; Waste Treatment Economics; Water Resources Planning; ...2.1841

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Floods; Inventories; Minnesota; Recreation, Water

Resources; Types of Resources; Waste Treatment Economics; ...2.1859

A STUDY OF POTENTIAL INSTITUTIONAL ARRANGEMENTS FOR WATER POLLUTION CONTROL IN THE HUDSON-MOHAWK RIVER BASIN ...Administration and Management; Government -see Federal Gov.; Hudson River; Organizational Research; River Basins; Water Quality -general; Water Resources Development; ...2.1878

A SOCIO-ENVIRONMENTAL STUDY OF A RIVER VALLEY ...Costs -see Economics Entries; Mammals -nonspecific; Ohio; River Basins; Social Aspects; Towns; ...2.1894

ATTITUDES, OPINIONS AND GOALS CONCERNING REGIONAL RESOURCE PLANNING AND DEVELOPMENT ...Attitudes & Attitude Change; Computer Methods -general; Economic Planning, Government -see Federal Gov.; Regional Economics; River Basins; Vermont; ...2.1922

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT - A CASE STUDY OF THE WISCONSIN RIVER BASIN ...Administrative Organizations; Legal Studies; Management (water); River Basins; Water Quality -general; Water Resources Planning; Wisconsin; ...2.1932

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Administrative Organizations; Economic Efficiency; Management (water); River Basins; Water Quality Control - general; Water Resources Development; Wisconsin; ...2.1933

COMPREHENSIVE STUDIES OF SOLID WASTES MANAGEMENT ...Development of Models; Disposal; Economic Studies - general; Land Use; Public Utilities; Solid Waste; ...3.0066

Rehabilitation -streams -lakes

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

ACID MINE POLLUTION ...Acid Mine Drainage; Biological Water Properties; Catostomidae; Mining Industry; Physical Water Properties; Sediments; Strip Mines; Water Pollution Abatement; ...2.0409

CONTROL OF PRODUCTIVITY AND POPULATION CHARACTERISTICS IN AQUATIC COMMUNITIES ...Animal Productivity; Core Analysis; Invertebrate Physiology; Lakes; Sedimentation; ...2.0426

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Bacterial Ecology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Mathematical Models; Nutrients; Sewage; Water Pollution -see Specifics; ...2.0552

CORRELATED STUDIES OF VANCOUVER LAKE--WATER QUALITY PREDICTION STUDY ...Columbia River; Dredging; Lakes; Model Studies; Organic Matter; Sediments; Water Quality Control -general; ...2.0840

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Acid Mine Drainage; Aquatic Ecology - Animal; Chemical Water Properties; Ictalurus Punctatus; Lakes; Lime Treatment; Neutralization; Population Dynamics -general; Stocking of Fish & Shellfish; ...2.1027

RESTORATION DYNAMICS FOR ESTUARIES ...Estuaries; Maine; Marine Environments; Tidewater Areas; ...2.1030

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acid Mine Drainage; Acidity (water); Algal Physiology; Alkalinity (water); Mine Drainage Control; Oxygen Content (water); Plant Freshwater Ecology; Waste Water Treatment -general; ...2.1079

RECLAMATION OF POLLUTED FRESHWATER AQUIFERS BY PURGING ...Aquifers; Computer Models; Mapping; Simulation Theory; Water Pollutant Identification; ...2.1083

THE RECOVERY RATE OF AQUATIC COMMUNITIES OF STREAMS RECEIVING ACID MINE DRAINAGE ...Acid Mine Drainage; Benthic Fauna; Industrial Wastes; Mining Industry; Physiological Effects, Sewage; ...2.1119

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Acid Mine Drainage; Algae -nonspecific; Chlorophyll; Neutralization; Organic Waste -see Waste Treat; Strip Mines; Waste Water Degradation; Waste Water Treatment -general; ...2.1319

THE PRODUCTION AND USE OF ACTIVATED CARBON FOR WATER RENOVATION IN KRAFT PULP AND PAPER MILLS ...Florida; Pilot Plants; Pulp and Paper Wastes; Waste Treatment Economics; ...2.1350

REMOVAL OF NITROGENOUS COMPOUNDS FROM A FERTILIZER PLANT EFFLUENT USING A MODIFIED OPERATION OF CONVENTIONAL WASTE TREATMENT SYSTEMS ...Aeration (water); Denitrification -see Nitrogen; Ion Exchange; Precipitation; Trickling Filters; ...2.1417

PILOT STUDIES IN THE RESTORATION OF THE PHYSICAL ENVIRONMENT OF A STREAM TO MAINTAIN A CLEAN WATER FLORA AND FAUNA ...Animal Productivity; Filtration; Pilot Plants; Size; Water Quality Control -general; ...2.1462

ECOLOGICAL IMPACTS OF RECLAMATION PROJECTS ...Aquatic Ecology - Animal; Ecological Effects; Plant Freshwater Ecology; Reservoirs and Impoundments; Water Distribution Systems; ...2.1508

COAL STRIP MINE WATERSHED STUDY ...Alabama; Coal; Data Acquisition; Engineering Structures-general; Pollution Effects -see Water; Soil Tillage; Strip Mines; Water Quality -general; Watersheds; ...2.1719

Remote Sensing

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Air Pollution -see Specifics; Dust; Environmental Physiology; Gallus Domesticus; Microorganisms -nonspecific; Temperature - Air; ...1.0350

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Agricultural Economics; Air Pollution-chemistry; Forest Environment -general; Land Use; Losses Due to Pollution, Recreation, Water Resources; Smog; Value; ...1.0456

APPLICATION OF REMOTE SENSING METHODS IN DETECTING AIR POLLUTION DAMAGE TO VEGETATION ...Aerial Photography -see Aerial; Aerial Photography -see Photo.; Air Pollution Effects; Sulfur Dioxide; ...1.077

AIR POLLUTION FROM MINING, PROCESSING, AND UTILIZATION OF MINERALS AND FUELS ...Air Pollution Monitoring, Combustion Air Pollution-gen; Mineral Processing Industry; Monitoring; Nitrogen and Nitrogen Cpds.; ...1.0842

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Location; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

HYDROLOGY, USDI ...Automatic Data Aquisition; Data Networks; Estuaries; Glaciology; Man Machine Systems; Soil Tillage; Water Quality -general; ...2.0539

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff, Atmosphere Disturbance; Farm Pond; Hydrographs; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

WATER QUALITY, GRAND TRAVERSE BAY, LAKE MICHIGAN ...Bacterial Pollutant Sources; Bays; Lake Michigan; Microorganisms -nonspecific; ...2.0628

REMOTE SENSING ...Bays; Lake Michigan; Mapping; Maps - general; River Plume; Sediments; Thermal Pollution; ...2.0631

TECHNOLOGICAL ASSESSMENT OF REMOTE SENSING ...Aircraft Remote Sensing; Chemical Water Properties; Estuaries; Management (water); Ponds; Water Pollutant Identification; ...2.0632

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Oklahoma; Soil Moisture; Soil Thermal Properties; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF MIXING ZONE FOR WASTE EFFLUENTS DISCHARGED INTO STREAMS OR RIVERS ...Coastlines - Shorelines; Effluents - Waste Water; Lakes; Outlets; Streams & Rivers; ...2.0861

APPLICATION OF REMOTE SENSING TO HYDROGEOLOGY ...Baseflow; Geology -general; Groundwater Movement; Sanitary Landfills; Soil Tillage; Water Resources Planning; ...2.0866

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Chemical Analysis -general; Dispersion (water); Effluents - Waste Water; Industrial Wastes; Marine Photography; Television; Oregon; Pulp and Paper Wastes; Sea Water Sampling; Surveying; ...2.1678

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants; Filtration; Model Studies; Power Plants - see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

ARCTIC ENGINEERING GEOLOGY (TAPS) ...Alaska; Environmental Hazards; Geology -general; Permafrost - Frozen Soils; Polar Regions; ...3.0017

Aircraft Remote Sensing

INFRARED STUDIES IN ICELAND ...Faults - Geology; Iceland; Infrared Radiation; Marine Geology; Seismology; Tectonics; ...1.0039

PUBLIC HEALTH ECOLOGY ...Air Pollution -see Specifics; Air Pollution Effects; Biological Effects; Climatology; Sanitation; Spacecraft Sensory Devices; Water Pollution -see Specifics; ...1.0296

AIR POLLUTION SENSING ...Air Pollution Monitoring; Air Pollution-chemistry; Detectors and Sensors; Gases; Infrared Radiation; Spacecraft Sensory Devices; Urban Research -general; ...1.0851

INVESTIGATION OF PRESENT THERMAL REGIME OF MISSOURI RIVER IN MISSOURI ...Depth (water); Energy Conversion; Infrared Radiation; Missouri River; Thermal Pollution; Water Temperature Recorders; ...2.0227

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE ...Chesapeake Bay; Estuaries; Fluorometry; Monolayers; Petroleum Wastes - Spillage; Water Pollutants - Path of; Wind; ...2.0411

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Animal Productivity; Chlorophyll; Em Radiation; Marine Biology - General; Monolayers; Polarimetry; Reflectance; Survey Studies (water); Water Pollutant Identification; ...2.0499

DATA ACQUISITION SYSTEMS IN WATER QUALITY MANAGEMENT ...Colorado; Data Acquisition; Detectors and Sensors; Regional Or State Studies; Water Chemistry; Water Standards & Baselines; ...2.0519

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ...Aquatic Ecology - Animal; Electric Power Plants, Environmental Ecology; Infrared Radiation; Mapping; Survey Studies (water); Temperature (water); Thermal Pollution; ...2.0524

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

REMOTE SENSING, EVERGLADES AREA, FLORIDA ...Eutrophication; Florida; Plankton; Population Dynamics - general; Spectral Reflectance; Visible Light; ...2.0550

MULTISPECTRAL CAMERA CLUSTER ...Economics of Natural Resources; Land Use; Soil Tillage; Surveying; Transportation; Transportation Management; Urban Research -general; ...2.0593

TECHNOLOGICAL ASSESSMENT OF REMOTE SENSING ...Chemical Water Properties; Estuaries; Management (water); Ponds; Water Pollutant Identification; ...2.0632

INVESTIGATION OF THE THERMAL PATTERNS IN THE VICINITY OF THE CRYSTAL RIVER ...Aerial Photography -see Photo-; Atomic Plants; Energy Conversion; Forecasting - Prediction; Infrared Radiation; Thermal Pollution; ...2.0685

AIR PHOTO ANALYSIS OF OCEAN OUTFALL DISPERSION ...Aerial Photography -see Photo-; Currents (water); Industrial Wastes; Lake; Marine Environments; Sewage; Surveying; ...2.0741

FEASIBILITY STUDY OF WATER RESOURCE POLLUTANT IDENTIFICATION BY DIGITAL COMPUTER ANALYSIS OF REMOTE INFRARED SENSOR SPECTRAL INTENSITIES ...Industrial Wastes; Instrument Services; Man Machine Systems; Optical Detectors; Radiation Detectors; Thermal Pollution; ...2.0793

INVESTIGATION OF LAKE WATER QUALITY IN EASTERN SOUTH DAKOTA WITH REMOTE SENSING TECHNIQUES ...Geologic Maps; Lakes; Soil Tillage; Water Depth; Water Levels; Water Quality -general; ...2.0798

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF WATER QUALITY ...Data Reduction and Analysis; Internal Reflection; Legislation - Zoning; Water Pollutant Identification; Water Resources Planning; Wisconsin; ...2.0857

APPLICATION OF REMOTE SENSING TO SURFACE PARAMETERS OF LARGE WATER BODIES ...Circulation (water); Energy Conversion; Microwave Radiation; Petroleum Wastes - Spillage; Thermal Pollution; ...2.0864

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Lakes; North Carolina; Soil Cover Crops; Surveying; Urban Research -general; Water Quality -general; Water Yield; Weather Data; ...2.1892

HIGH ALTITUDE RADIATION INSTRUMENT SYSTEM ...Aerospace Studies; Environmental Hazards; Ionization Chambers; Radiation Detectors; Spectrographic Techniques; ...5.0786

GAMMA-RAY SPECTROMETRY ...Gamma Radiation; Gamma Spectroscopy; Geologic Maps; Geological Exploration; ...5.0801

Em Radiation

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Marine Biology - General; Monolayers; Polarimetry; Reflectance; Survey Studies (water); Water Pollutant Identification; ...2.0499

E M Radiation-general

INSTRUMENT DEVELOPMENT LABORATORY ...Gases; Geochemical Investigations; Mercury; ...5.0022

Gamma Radiation

AN ANOMALOUS OCCURRENCE OF SALINE WATER IN THE FLORIDAN AQUIFER ...Aquifers; Borehole Geophysics; Florida; Geophysical Analysis; Saline Water Intrusion; Water Wells; ...2.0106

PRECIPITATION, AIR TEMPERATURES, SOIL MOISTURE, & GAMMA RADIATION, IN 68 MOJAVE & GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, 1966-70 (ABBREV) ...Air Pollution Sampling; Nevada; Population Dynamics -general; Precipitation Amount; Radioactive Pollution -na; Soil Moisture; Temperature; ...5.0787

GAMMA-RAY SPECTROMETRY ...Aircraft Remote Sensing; Gamma Spectroscopy; Geologic Maps; Geological Exploration; ...5.0801

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Aerosols; Balloons; Electrical Phenomena; Mineral Processing Industry; Radiation -terrestrial; Radioactivity; Uranium; ...5.0879

Infrared Radiation

THERMAL MODIFICATION ...Aerosols; Cirrus; Great Lakes -see Specific Lake; Heat Balance - Budget; Humidity - Water Vapor; New York; Solar Radiation -sunshine; Temperature; Weather Modification; ...1.0024

INFRARED STUDIES IN ICELAND ...Aircraft Remote Sensing; Faults - Geology; Iceland; Marine Geology; Seismology; Tectonics; ...1.0039

INFRARED SPECTROSCOPIC ANALYSIS OF TRACE POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Combustion; Fluidized Bed Reactor; Infrared Spectroscopy; Power Plants; Trace Analysis; ...1.0165

RADIATIVE PROPERTIES OF AEROSOLS IN THE STRATOSPHERE ...Aerosols; Lasers and Masers; Radiation Detectors; Stratosphere; ...1.0167

STUDY OF EFFECT OF ATMOSPHERIC TURBIDITY ON SATELLITE SOUNDINGS ...Aerosols; Energy-radiation; Model Studies; Particulates - Air Pollution; Polarization; Scattering; ...1.0316

LIDAR MEASUREMENT OF BACKSCATTER COEFFICIENT RELATED TO INFRARED EMISSIVITY OF CLOUDS ...Airplanes; Bomex; Cirrus; Clouds; Weather Radar; ...1.0674

EVALUATION & APPLICATION OF CONVAIR IR SPECTROPHOTOMETER FOR LONGPATH ABSORPTION SPECTRA OF OXIDIZING ATMOSPHERE (WEST COAST) (ABBREV) ...Air Pollution Analysis; Analytical Instruments; California; Oxidizing Atmosphere; Smog; Spectrographic Techniques; ...1.0679

INFRARED REMOTE SENSING OF AIR POLLUTANTS AND FOREST FIRES ...Air Pollution Monitoring; Detectors and Sensors; Gases; Infrared Spectroscopy; Radiochemical Analysis; ...1.0742

START OF FIELD STUDY OF IR EMISSION SPECTRA FROM SO2 IN POWER PLANT PLUMES ...Air Pollution-chemistry; Exhaust, Combustion -see Auto; Gases; Infrared Spectroscopy; Power Plants -see Specifics; ...1.0752

AIR POLLUTION SENSING ...Air Pollution Monitoring; Air Pollution-chemistry; Aircraft Remote Sensing; Detectors and Sensors; Gases; Spacecraft Sensory Devices; Urban Research -general; ...1.0851

INVESTIGATION OF PRESENT THERMAL REGIME OF MISSOURI RIVER IN MISSOURI ...Aircraft Remote Sensing; Depth (water); Energy Conversion; Missouri River; Thermal Pollution; Water Temperature Recorders; ...2.0227

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE ...Aircraft Remote Sensing; Chesapeake Bay; Estuaries; Fluorometry; Monolayers; Petroleum Wastes - Spillage; Water Pollutants - Path of; Wind; ...2.0411

ARCTIC ENGINEERING GEOLOGY (NASA) ...Alaska; Freight Service; Oil and Natural Gas - Sulfur; Petroleum Research; Surveying; Transportation Management; ...2.0497

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ...Aircraft Remote Sensing; Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Mapping; Survey Studies (water); Temperature (water); Thermal Pollution; ...2.0524

SPACECRAFT OCEANOGRAPHY PROJECT ...Data Acquisition; Electronic Detection, Tracking; Management; Marine Pollution; Microwave Radiation; Sea Ice; Space Science and Technology; Spacecraft Sensory Devices; Visible Light; ...2.0541

REMOTE SENSING OF WATER QUALITY IN THE MARINE ENVIRONMENT ...Aerial Photography -see Photo.; Electronic Detection, Tracking; Infra Red Photography; Marine Environments; Marine Pollution; Thermal Properties; ...2.0615

SPECIAL TEMPERATURE SURVEY OF RIVER AND ESTUARINE AREAS IN RELATION TO THERMAL POLLUTION AND FISHERY PROBLEMS ...Cooperative Studies; Energy Conversion; Estuaries; Temperature (water); Thermal Pollution; ...2.0673

INVESTIGATION OF THE THERMAL PATTERNS IN THE VICINITY OF THE CRYSTAL RIVER ...Aerial Photography -see Photo.; Atomic Plants; Energy Conversion; Forecasting - Prediction; Thermal Pollution; ...2.0685

AIR PHOTO ANALYSIS OF OCEAN OUTFALL DISPERSION ...Aerial Photography -see Photo.; Currents (water); Industrial Wastes; Lake; Marine Environments; Sewage; Surveying; ...2.0741

DETECTION AND LOCATION OF CONCEALED ABANDONED UNDERGROUND MINES AND ASSOCIATED DRAINAGE BY GEOPHYSICAL AND GEOCHEMICAL TECHNIQUES ...Drainage; Dyes; Geophysical Analysis; Seismology; Water Pollution Sources; ...2.0760

FEASIBILITY STUDY OF WATER RESOURCE POLLUTANT IDENTIFICATION BY DIGITAL COMPUTER ANALYSIS OF REMOTE INFRARED SENSOR SPECTRAL INTENSITIES ...Aircraft Remote Sensing; Industrial Wastes; Instrument Services; Man Machine Systems; Optical Detectors; Radiation Detectors; Thermal Pollution; ...2.0793

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Coastlines - Shorelines; Economic Geology -general; Legal Studies-general; Navigation; Tides; Tidewater Areas; Water Quality -general; ...2.0795

APPLICATION OF REMOTE SENSING TO SURFACE PARAMETERS OF LARGE WATER BODIES ...Aircraft Remote Sensing; Circulation (water); Energy Conversion; Microwave Radiation; Petroleum Wastes - Spillage; Thermal Pollution; ...2.0864

IMPROVED EXTRACTION SYSTEM - WATER CONTROL - CONTROL TECHNIQUES, FIELD TESTING AND EVALUATION ...Acid Mine Drainage; Analytical Instruments; Coal; Data Acquisition; Geology -general; Mine Atmosphere Conditions; Soil Tillage; ...2.1402

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

Microwave Radiation

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Atmosphere Disturbance; Cloud Temperature; Color - Brightness; Computer Models; Cumulus; Radiation Balance -cloud; Simulation Theory; Temperature; ...1.0358

SPACECRAFT OCEANOGRAPHY PROJECT ...Data Acquisition; Electronic Detection, Tracking; Management; Marine Pollution; Sea Ice; Space Science and Technology; Spacecraft Sensory Devices; Visible Light; ...2.0541

APPLICATION OF REMOTE SENSING TO SURFACE PARAMETERS OF LARGE WATER BODIES ...Aircraft Remote Sensing; Circulation (water); Energy Conversion; Petroleum Wastes - Spillage; Thermal Pollution; ...2.0864

Radar

LIDAR OBSERVATIONS OF LOWER TROPOSPHERIC AEROSOL DISTRIBUTIONS DURING BOMEX ...Aerosols; Atmospheric Dynamics; Condensation Physics; Electronic Detection, Tracking; Heat and Radiation Transfer; Inversion; Particulates - Air Pollution; ...1.0011

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Gulf of Mexico; Marine Environments; Marine Pollution; Ocean Currents; Ocean Hydrodynamics; Sea Water Chemistry; Ships and Cruises; Temperature; Water Movement -general; ...2.0509

Ultra - Violet Radiation

ULTRAVIOLET RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Energy-radiation; Model Studies; Polarization; Transfer Phenomena; Ultraviolet Radiation; ...1.0310

FIELD PERFORMANCE AND APPLICATION EVALUATION OF BARRINGER REMOTE SENSING AND INSTACK MEASUREMENT OF SO2 EMISSIONS BY CORRELATION SPECTROSCOPY ...Air Pollution Analysis; Air Pollution-chemistry; Gases; Infrared Spectroscopy; Ultraviolet Spectroscopy; ...1.0784

DETECTION OF SMALL AMOUNTS OF SO2 IN ATMOSPHERE ...Air Pollution Analysis; Attenuation; Energy Conversion; Gases; Reflection; ...1.0852

POLARIZATION OF E.M. RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Air Pollution-chemistry; Effects; Light Visible Specroscopy; Polarography; Tectonics; Ultraviolet Spectroscopy; ...1.0865

APPLICATION OF REMOTE SENSING TO SURFACE PARAMETERS OF LARGE WATER BODIES ...Aircraft Remote Sensing; Circulation (water); Energy Conversion; Microwave Radiation; Petroleum Wastes - Spillage; Thermal Pollution; ...2.0864

Visible Light

TURBIDITY NETWORK ...Aerosols; Automatic Weather Stations; Climatology; Energy-radiation; Optics; ...1.0769

SPACECRAFT OCEANOGRAPHY PROJECT ...Data Acquisition; Electronic Detection, Tracking; Management; Marine Pollution; Microwave Radiation; Sea Ice; Space Science and Technology; Spacecraft Sensory Devices; ...2.0541

REMOTE SENSING, EVERGLADES AREA, FLORIDA ...Aircraft Remote Sensing; Eutrophication; Florida; Plankton; Population Dynamics -general; Spectral Reflectance; ...2.0550

Lasers - Masers

LIDAR OBSERVATIONS OF LOWER TROPOSPHERIC AEROSOL DISTRIBUTIONS DURING BOMEX ...Aerosols; Atmospheric Dynamics; Condensation Physics; Electronic Detection, Tracking; Heat and Radiation Transfer; Inversion; Particulates - Air Pollution; ...1.0011

EEI-PHS STUDY ON REMOTE SENSING OF PARTICULATE EMISSIONS FROM POWER PLANT PLUMES--EVALUATION OF PLUME-LIDAR MONITORING SYSTEM (ABBREV) ...Air Pollution Monitoring; Lasers and Masers; Particulates and Aerosols; Scattering; Weather Radar; ...1.0766

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Detergents -see Surfactants; Industrial Wastes; Lasers and Masers; Mass Spectroscopy; Pesticides -see Pesticide; Petroleum Research; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

THREE DIMENSIONAL DISPERSION FROM POINT SOURCES OF CHEMICAL OR THERMAL POLLUTION IN OPEN CHANNELS ...Channels; Mathematical Models; Radiation Detectors; Scattering; Thermal Pollution; Water Pollutant Identification; ...2.0990

Spacecraft Sensory Devices

PUBLIC HEALTH ECOLOGY ...Air Pollution -see Specifics; Air Pollution Effects; Aircraft Remote Sensing; Biological Effects; Climatology; Sanitation; Water Pollution -see Specifics; ...1.0296

HIGH SPEED INTERFEROMETER EXPERIMENT DEVELOPMENT ...Air Pollution Analysis; Atmosphere; Interferometry; Resolution; Trace Analysis; ...1.0678

LOW LEVEL VERTICAL OZONE DETERMINED BY INVERSION OF BACKSCATTERED ULTRAVIOLET RADIATION ...Air Pollution Monitoring; Energy-radiation; Gases; Upper Atmospheric Sounding; ...1.0702

AIR POLLUTION SENSING ...Air Pollution Monitoring; Air Pollution-chemistry; Aircraft Remote Sensing; Detectors and Sensors; Gases; Infrared Radiation; Urban Research -general; ...1.0851

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Gulf of Mexico; Marine Environments; Marine Pollution; Ocean Currents; Ocean Hydrodynamics; Sea Water Chemistry; Ships and Cruises; Temperature; Water Movement -general; ...2.0509

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Water Resources Planning; Wetlands; ...2.0540

SPACECRAFT OCEANOGRAPHY PROJECT ...Data Acquisition, Electronic Detection, Tracking; Management; Marine Pollution; Microwave Radiation; Sea Ice; Space Science and Technology; Visible Light; ...2.0341

ADVANCED STUDY OF COASTAL ZONE OCEANOGRAPHIC REQUIREMENTS FOR EARTH RESOURCES TECHNOLOGY SATELLITE ...Coastal Engineering -general; Land Use; Modification Effects; Marine Biology - General; Marine Pollution; Water Pollution Sources; ...2.0713

REMOTE SENSING - TEKTITE, VIRGIN ISLANDS ...Man in the Sea Programs; Marine Environments; Marine Pollution; Puerto Rico; Virgin Islands; ...2.0819

APPLICATION OF REMOTE SENSING TO SURFACE PARAMETERS OF LARGE WATER BODIES ...Aircraft Remote Sensing; Circulation (water); Energy Conversion; Microwave Radiation; Petroleum Wastes - Spillage; Thermal Pollution; ...2.0864

Spectral Reflectance

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Em Radiation; Marine Biology - General; Monolayers; Polarimetry; Reflectance; Survey Studies (water); Water Pollutant Identification; ...3.0499

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Turbidity (water); ...2.0535

REMOTE SENSING, EVERGLADES AREA, FLORIDA ...Aircraft Remote Sensing; Eutrophication; Florida; Plankton; Population Dynamics -general; Visible Light; ...2.0550

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Oklahoma; Remote Sensing; Soil Moisture; Soil Thermal Properties; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

Reptiles

DETERMINE THE EFFECT OF ORGANIC WATER POLLUTION AS IT EXISTS IN THE AREA OF DES MOINES, IOWA, ON GROWTH OF THE TURTLE CHRYSEMYS PICTA ...Contamination - Water; Environmental Ecology; Environmental Physiology; Iowa; Organic Water Properties; ...2.1555

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates, Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Water Pollutants - Path of; ...4.0633

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination - other, Urine; ...4.0987

CONTINUOUS GAMMA IRRADIATION OF NATURAL POPULATIONS OF DESERT ANIMALS ...Arid and Desert Regions; Cesium; Radiation, Lethal Dose; Radioactive Fallout-cf Fallout; Rodentia -other, Vertebrates Excl. Man; X and Gamma Rays; ...5.0160

BIOLOGICAL TRANSDUCTION OF INFARED RADIATION BY SNAKES ...Infra Red; Vertebrates Excl. Man; ...5.0201

ECOLOGICAL AND RADIO-ECOLOGICAL INVESTIGATIONS AT THE AEC SAVANNAH RIVER PLANT ...Amphibians; Animal Migration; Aquatic Ecology - Animal; Energy Budgets; Mammals -nonspecific; Radiation Effects - Biological; ...5.0260

Research Facilities

MINERAL ANALYSIS OF WATER ...Acidity (water); Chemical Analysis (water); Groundwater; Mineralogical Water Properties; Rural Areas; Water Quality Control -general; ...2.0480

FIELD RESEARCH LABORATORY (MOBILE LABORATORY) ...Analysis and Detection; Chemical Analysis (water); Water Quality -general; ...2.0517

GEOSECS - PREPARATIONS R/V KNORR, CONSTRUCTION GEOSECS BUILDING, PROVISION SHIPBOARD EQUIPMENT, AND THE GEOSECS SUMMER INSTITUTES ...Animal Productivity; Marine Biology - General; Marine Pollution; Ocean Mixing; Plant Productivity -general; Sea Water Properties; Ships and Cruises; ...2.0621

A STUDY OF THE ECOLOGY OF THE MISSISSIPPI TEST FACILITY ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Chemical Water Properties; Mississippi; Physical Water Properties; Plant Freshwater Ecology; Water Standards & Baselines; ...2.0654

CENTER FOR RESEARCH AND TRAINING IN HYDRAULIC AND HYDROLOGIC ASPECTS OF WATER POLLUTION CONTROL ...Hydraulics; Information Science; Information Systems; Water Quality Control -general; ...3.1099

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Contamination - Water; Marine Animals; Marine Biology - General; Marine Environments; Marine Geology; Marine Pollution; Oil; Pacific Ocean; Sea Water Mass & Ocean Fronts; Ships and Cruises; ...2.1794

SUPPORT OF TWO RESEARCH VESSELS ...Biological Water Properties; Core Analysis; Great Lakes -see Specific Lake, Physical Water Properties; Thermal Pollution; ...2.1851

MULTIPURPOSE REGIONAL MARINE SCIENCE CENTER (SEA LAB) ...Agricultural Economics; Economics & Technology; Management; Marketing; Oceanography -general; Water Pollution Effects; ...2.1889

SINGLE CELL PROTEINS FROM CELLULOSIC WASTES ...Catalysts; Cellular Catabolism-see Degrad; Disposal; Pilot Plants; Recoverable Materials; Waste Management -see Specific; ...3.0373

CENTER FOR THE STUDY OF THE HUMAN ENVIRONMENT ...Air Pollution; Environmental Effects - Human; Pesticides -nonspecific; Pesticides -see Pesticide; Physiological Effects; Water Quality -general; ...4.0805

ANALYTICAL LABORATORY ...Chemical Analysis; Pesticides - nonspecific; Pesticides -other; ...4.0962

PLANS FOR A COMPARATIVE ONCOLOGY RESEARCH PROGRAM ...Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0307

RADIATION AND RADIOBIOLOGY RESEARCH CENTER ...Cancer, Cell Injury and Autolysis; Hyperthermal; Radiation; Radiation Effects - Biological; Radiation Sources -general; X and Gamma Rays; ...5.0354

CLINICAL RADIATION RESEARCH CENTER ...Radiation Sensitivity -man; ...5.0506

Reservoirs and Impoundments

ECONOMIC IMPACT OF AIR POLLUTION IN THE SAN BERNARDINO FOREST AREA ...Agricultural Economics; Air Pollution-chemistry; Forest Environment -general; Land Use; Losses Due to Pollution; Recreation, Water Resources; Remote Sensing; Smog; Value; ...1.0456

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Fish Food Organisms; Lake Stages; Pathology; Plankton; ...2.0021

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Acidity (water); Arkansas; Biological Water Properties; Chemical Water Properties; Energy Conversion; Plankton; Reactor Sites & Rad Waste; Thermal Pollution; ...2.0023

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Baseflow, Forecasting - Prediction; Model Studies, Rural Areas; Soil Chemical Properties; Waste Disposal on Soils; Water Table; ...2.0046

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Erosion; Rate of Deposition; Sediment Transport; Sedimentation; Streams; Survey Studies (water); ...2.0061

LARGE IMPOUNDMENTS - EUTROPHICATION OF LAS VEGAS BAY, LAKE MEAD ...Arid and Desert Regions; Data Acquisition; Nevada; Salinity (water); Water Quality Control - general; ...2.0064

SMALL IMPOUNDMENTS - FOSS RESERVOIR ...Management (water); Mineralogical Water Properties; Sediments; Turbidity (water); Water Quality -general; ...2.0073

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Eutrophic Lakes; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

LIMNOLOGICAL FACTORS AFFECTING PESTICIDE RESIDUES IN SURFACE WATERS ...Agricultural Runoff; Chemical Water Properties; Eutrophication; Pesticide Aquatic Cycling; Pesticides -see Pesticide; ...2.0150

IDENTIFICATION AND ORIGIN OF SEASONAL FOAM IN THE PEARL RIVER RESERVOIR ...Training Grants, Fellowships; Water Pollutant Identification; Water Pollution Sources; ...2.0211

RESERVOIR SEDIMENTATION ...Aquatic Soils; Chemical Properties; Model Studies; Physical Properties; Sedimentation; Soil Chemical Properties; Spillways; ...2.0213

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Berm Erosion; Carbon - 14 Dating, Drainage; Erosion; Estuaries, Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

AN INVESTIGATION OF THE EXTENT AND CAUSE OF EUTROPHICATION OF CANYON FERRY RESERVOIR, MONTANA ...Algae - Cyanophyta; Eutrophication; Missouri River; Nutrients; Zooplankton; ...2.0232

SILTATION RATES AND LIFE EXPECTANCIES OF SMALL HEADWATER RESERVOIRS IN MONTANA ...Chemical Water Properties; Geology -general; Morphology; Radioactive Fallout; ...2.0235

WATER QUALITY MANAGEMENT OF IMPOUNDMENTS ...Aeration (water); Destratification; Engineering Structures-general; Eutrophication; Lakes; Management (water); North Carolina; ...2.0287

NUTRIENT EXCHANGES AND SOURCES OF NITROGEN AND PHOSPHORUS IN THE UPPER SHEYENNE RIVER WATERSHED ...Lakes; Nitrogen and Nitrogen Cpds.; North Dakota; Nutrients; Phosphorus and Phosphorus Cpds; Water Pollutant Identification; Watersheds; ...2.0296

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

POWER PRODUCTION ...Atomic Plants; Chemical Effects; Density; Effluents - Waste Water; Energy Conversion; Mathematical Models; Thermal Pollution; ...2.0337

OPTIMAL RECREATIONAL DEVELOPMENT IN URBAN RIVERINE AREAS ...Costs -see Economics Entries; Industrial Wastes; Optimization; Economic; Savings and Investment; Urban Environment; Urban Research -general; ...2.0346

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Chlorine; Forecasting - Prediction; Lakes; Mineralogical Water Properties; Primary Productivity - Plants; Thermal Pollution; Water Pollution Sources; ...2.0359

CHANGES IN WATER QUALITY PARAMETERS OF RESERVOIRS DURING REGULATED FLOW CONDITIONS ...Acidity (water); Chemical Analysis (water); Eutrophication; Organic Matter; Tennessee; Water Bacteria; Water Quality -general; ...2.0367

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Depth (water); Fish; Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Trace Elements; Zooplankton; ...2.0477

POLLUTION OF BOTANY SAND BEDS ...Australia; Water Pollutant Identification; ...2.0485

WATER QUALITY ASSESSMENT AND POLLUTION CONTROL ...Biological Water Properties; Data Networks; Groundwater; Irrigation; Physical Water Properties; Sewage; Water Pollution Abatement; ...2.0510

PREIMPOUNDMENT STUDY OF WATER QUALITY, SAYLORVILLE RESERVOIR DES MOINES RIVER, IOWA ...Data Networks; Iowa; Recreation; Water Resources; Types of Resources; Water Properties -general; Water Standards & Baselines; ...2.0585

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Channels; Drainage; Eutrophication; Fish; Pesticide Residues; Pesticides -see Pesticide; Turbidity (water); ...2.0653

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

LIMNOLOGICAL INVESTIGATIONS OF LAKE MEAD ...Chemical Water Properties; Lakes; Physical Water Properties; Water Pollution Effects; Water Quality -general; ...2.0667

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Aquatic Ecology - Animal; Eutrophic Lakes; Eutrophication; Ohio; Plant Habitat Studies; Survey Studies (water); Vertical Distribution; ...2.0729

EFFECT OF IMPOUNDMENTS ON WATER QUALITY ...Algal Pollutant Sources; Data Reduction and Analysis; Nutrients; Preimpoundment Sites; Water Quality -general; ...2.0735

BIOLOGIC DETECTION AND CONTROL OF WATER POLLUTION ...Bacterial Ecology; Ecological Effects; Microorganisms - nonspecific; Water Pollutant Identification; Water Pollution -see Specifics; Water Quality Control -general; ...2.0794

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Aquatic Ecology - Animal; Contamination - Water; Ecological Effects; Fish; Pollution Effects -see Water; Reactor Sites & Rad Waste; Survey Studies (water); Thermal Pollution; ...2.0800

MULTI-BASIN WATER QUALITY SIMULATION ...Canals; Flood Routing; Land Use; Texas; Water Costs; Water Standards & Baselines; ...2.0810

LIMNOLOGICAL INVESTIGATIONS OF TEXAS IMPOUNDMENTS FOR WATER QUALITY MANAGEMENT PURPOSES ...Chemical Water Properties; Eutrophication; Nutrients; Streams & Rivers; Water Quality -general; Water Supply Augmentation; ...2.0812

HYDROLOGY OF CACHUMA RESERVOIR ...Aeration (water); California; Oxygen Content (water); Plant Population Dynamics - gen; Soil Tillage; Taste & Odor of Water; Water Quality -general; Water Utilization -domestic; ...2.0878

BEHAVIOR AND CONTROL OF CONTAMINANTS IN SURFACE WATERS ...Destratification; Public Utilities; Thermal Pollution; Water Pollutant Identification; Water Resources Protection; ...2.0928

LIMNOLOGY--NUTRIENT-BIOTIC RELATIONSHIPS IN THE UPLAKE REGION OF BEAVER RESERVOIR ...Animal Productivity; Benthic Organisms -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plankton; Water Properties -general; ...2.0961

WATER QUALITY CONTROL BY SELECTIVE WITHDRAWAL AND REAERATION ...Aeration (water); Mathematical Models; Seismology; Turbidity (water); Water Quality -general; ...2.0979

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Biological Water Properties; Contamination - Water; Effluents - Waste Water; Management (water); Physical Water Properties; Water Pollutants - Path of; Water Quality Control -general; ...2.1008

EFFECTS OF LIMNOLOGICAL FACTORS ON WATER TREATMENT ...Chemical Water Properties; Iowa; Public Utilities; Water Chemistry; Water Quality -general; ...2.1018

INDUCED AIR MIXING OF LARGE BODIES OF POLLUTED WATER ...Acidity (water); Density; Industrial Wastes; Mathematical Models; ...2.1031

CHANNELIZATION STUDIES ...Channel Geometry; Fluid Mechanics; Sedimentation; Sediments; Water Resources Protection; ...2.1062

TRANSIENT FLOW MODEL FOR BETTER WATER QUALITY CONTROL, KENTUCKY RESERVOIR ...Canals; Electric Power Plants; Energy Conversion; Forecasting - Prediction; Mathematical Models; Water Quality Control -general; ...2.1097

TURBULENT DIFFUSION AND REAERATION IN NATURAL RIVERS ...Activation Analysis; Aeration (water); Analysis and Detection; Dispersion (water); Mathematical Models; Radioisotopes; ...2.1102

MIXING AND DISPERSION OF CONTAMINANTS IN RESERVOIRS ...Currents (water); Dispersion (water); Lakes; Texas; Water Pollutants - Path of; ...2.1108

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Wisconsin; ...2.1133

MODELING OF VENTED HYDROTURBINE REAERATION ...Aeration (water); Energy Conversion, Fluid Mechanics, Mathematical Models, Pumps, Turbines, ...2.1134

FACTORS INFLUENCING THE PRODUCTION OF PLANKTONIC AND BENTHIC PLANTS ...Algal Physiology, Chemical Water Properties, Effluents - Waste Water, Nutrients, Optical Properties of Water, Phytoplankton, Plant Succession, Water Pollution Sources, ...2.1473

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots, Arkansas, Chemical Analysis (water), Ecological Effects, Eutrophic Lakes, Mineralogical Water Properties, Nutrients, Plankton Sampling, Population Dynamics -general, Zooplankton, ...2.1483

ENVIRONMENTAL STUDY OF PORT PHILLIP BAY ...Algae - nonspecific, Bays, Color (water), Environment, Organic Matter, Waste Treatment, Water Quality Control -general, ...2.1485

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific, Biological Water Properties, Circulation (water), Ecological Effects, Nitrogen and Nitrogen Cpds, Optical Properties of Water, Physical Water Properties, Plant Freshwater Ecology, Soil Tillage, Water Properties -general, ...2.1494

ECOLOGICAL IMPACTS OF RECLAMATION PROJECTS ...Aquatic Ecology - Animal, Ecological Effects, Plant Freshwater Ecology, Water Distribution Systems, ...2.1508

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology, Animal Life History Studies, Aquatic Ecology - Animal, Environmental Ecology, Insects - Beneficial, Lumbering -general, Ponds, Range Or Territorial Distr., Temperature (water), ...2.1543

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water), Aquatic Ecology - Animal, Contamination - Water, Dams -general, Engineering Structures-general, Idaho, Nitrogen and Nitrogen Cpds, Pollution Effects -see Water, Pre-impoundment Sites, Snake River, Water Quality -general, ...2.1544

DETERMINE EFFECTS OF RESERVOIRS ALONG SUSQUEHANNA RIVER ON SEDIMENT BEING DISCHARGED INTO CHESAPEAKE BAY AT HAVRE DE GRACE, MD ...Chesapeake Bay, Maryland, Mineralogical Properties, Sediment Yield, Sediments, Size, Susquehanna River, ...2.1573

A SURVEY OF THE VERTEBRATES OF THE PEARL RIVER RESERVOIR ...Aquatic Ecology - Animal, Contamination - Water, Literature Search, Mississippi, Population Dynamics -general, Vertebrates -nonspecific, ...2.1609

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage, Algae -nonspecific, Benthic Organisms -nonspecific, Chemical Water Properties, Ecological Effects, Environment Resistance-animals, Heat Recovery, Industrial, Photosynthesis, Thermal Pollution, ...2.1619

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology, Aquatic Ecology - Animal, Electric Power Plants, Induced Temperature, Nutrient Studies -animal, Optical Properties of Water, Periphyton, Pollution Effects -see Water, Primary Productivity - Plants, Thermal Pollution, ...2.1707

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources, Chemical Water Properties, Forecasting - Prediction, Mathematical Models, Planning, Rain Runoff (water), Soil Types -also See Specifics, Water Quality Control -general, ...2.1711

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Biological Water Properties, Destratification, Flow Characteristics (water), Model Studies, Physical Water Properties, Tennessee, Water Quality Control -general, Water Supply -general, ...2.1713

EVALUATION OF FACTORS AFFECTING SPAWNING OF DALE HOLLOW WHITE BASS ...Aquatic Ecology - Animal, Environmental Physiology, Mining Industry, Pollution Effects -see Water, Spawn Or Nesting Sites, Temperature (water), ...2.1714

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling, Contamination - Water, Data Acquisition, Electric Power Plants, Environmental Physiology, Lakes, Organic Properties, Physical Effects, Spawn Or Nesting Sites, Temperature (water), Water Quality -general, ...2.1725

THERMAL STUDY IN WILKES RESERVOIR ...Aquatic Ecology - Animal, Contamination - Water, Electric Power Plants, Thermal Pollution, ...2.1728

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration, Benefit-cost Analysis, Biological Water Properties, Dredging, Fish Food Organisms, Physical Water Properties, Ponds, Soil Tillage, Spawning & Nesting Sites, Springs, Wisconsin, ...2.1778

WATER RESERVOIR SYSTEMS ...Atmosphere Disturbance, Flood-flow Design, Rainfall - Runoff Relationship, Storm Sewer Quantity, Urban Environment, Urban Runoff, Water Storage, ...2.1786

FORMULATION OF A GENERAL MATHEMATICAL MODEL FOR THE PREDICTION OF THERMAL ENERGY CHANGES IN IMPOUNDMENTS ...Climatology, Development of Models, Hydraulics, Water - Alternative Uses, ...2.1798

ECONOMIC EVALUATION OF THE EFFECT OF SELECTED CROP PRACTICES ON NON-AGRICULTURAL USES OF WATER ...Agricultural Studies -general, Costs -see Economics Entries, Mathematical Models, Optimization, Economic, Sediments, Water Costs, Water Quality -general, ...2.1828

THE POLITICAL AND ADMINISTRATIVE PROBLEMS OF INSURING APPROPRIATE RESIDENTIAL SERVICES IN THE PERRY AND CLINTON RESERVOIR AREAS ...Government - see Federal Gov., Kansas, Legal Studies, Social Aspects, Taxes - State Or Local, Water Quality Control -general, ...2.1834

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Aquatic Ecology - Animal, Chemical Water Properties, Economic Impact, Kentucky, Plant Freshwater Ecology, Regional Economics, Social Aspects, Water Quality -general, ...2.1835

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing, Lakes, North Carolina, Soil Cover Crops, Surveying, Urban Research -general, Water Quality -general, Water Yield, Weather Data, ...2.1892

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water), Benefit-cost Analysis, Effluents - Waste Water, Industrial Wastes, Management (water), Potomac River, Systems Analysis - Water Mgmt, Water Costs, Water Quality Control -general, ...2.1905

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations, Data Reduction and Analysis, Economic Impact, Electric Power Plants, Flood Control Planning, Industrial Wastes, Management (water), Performance, Recreation, Water Resources, Regression Analysis, River Basins, Water Costs, Water Rights, Water Utilization - general, ...2.1936

ENVIRONMENTAL EFFECTS ON THE CONTENT OF CS137 IN MILK ...Air Pollution -see Specifics, Deposition-general, Food Contamination, Lakes, Radioactive Fallout, Strontium, ...5.0081

CONTROL OF ION CONTENT OF CELLS ...Active Transport, Cell Injury and Autolysis, Cellular Model Systems, Ionic Effect, Microorganisms, Potassium, Strontium, Zooplankton, ...5.0086

Flood Control Reservoirs

EUTROPHICATION OF SMALL RESERVOIRS IN THE GREAT PLAINS ...Algae -nonspecific, Chemical Water Properties, Great Plains Province, Nebraska, Physical Water Properties, Temporal Distribution, ...2.0238

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds, Deposition-general, Flood Control, Flood Routing, Forecasting - Prediction, Land Use, Mathematical Models, Rain - Runoff, Sediment Yield, Texas, ...2.0388

RIVER BASINS - SOUTH FORK DAM ...Agricultural Studies - general, Dams -general, Irrigation, Model Studies, Platte River, River Basins, ...2.0978

Multiple Purpose Reservoirs

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis, Management (water), Potable Water, Regional Economics, Social Aspects, Waste Water Treatment -general, Water Resources Planning, ...2.0967

WATER QUALITY CONTROL ...Circulation (water), Economic Efficiency, Flow Characteristics (water), Industrial Wastes, Model Studies, North Carolina, Systems Analysis - Water Mgmt, Water Quality -general, Water Resources Protection, ...2.1104

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama, Aquatic Ecology - Animal, Aquatic Soils, Contamination - Water, Fish, Mudstone, Organic Matter, Physical Effects, Population Dynamics -general, Pulp and Paper Wastes, Salinity (water), Waste Water Treatment -general, Water Pollution Sources, ...2.1468

LARGE IMPOUNDMENTS - PUEBLO RESERVOIR ...Arid and Desert Regions, Irrigation, Rocky Mountain System, Water Properties -general, Water Quality -general, Water Supply -general, Water Utilization -industrial, ...2.1507

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Biological Water Properties, Destratification, Flow Characteristics (water), Model Studies, Physical Water Properties, Reservoirs and Impoundments, Tennessee, Water Quality Control -general, Water Supply -general, ...2.1713

Power Reservoirs

ENVIRONMENTAL INVENTORY, AQUATIC AND TERRESTRIAL, BELEWS CREEK-BELEWS LAKE, N.C. ...Aquatic Ecology - Animal, Chemical Water Properties, Electric Power Plants, Nutrient Studies -animal, Ponds, Pre-impoundment Sites, Water Standards & Baselines, ...2.0286

TEMPERATURE DISTRIBUTIONS RESULTING FROM COOLING WATER DISCHARGES ...Development of Models, Energy Conversion, Mathematical Models, Streams, Thermal Pollution, ...2.0805

ECOLOGICAL AND LIMNOLOGICAL IMPACT OF THE CONSTRUCTION AND OPERATION OF PUMP-BACK STORAGE PROJECTS ...Circulation (water), Electric Power Plants, Environmental Aspects, Temperature Or Heat Budgets, Western U. S., ...2.1509

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal, Creel Census, Environment, Fish, Lakes, Performance, Temperature (water), Temperature - Air, User Patterns, ...2.1620

THE FISHERY OF THOMAS HILL RESERVOIR ...Biological Effects, Electric Power Plants, Energy Conversion, Esocidae, Stocking of Fish & Shellfish, Temperature (water), Thermal Pollution, ...2.1621

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology, Degradation -see Pesticide Deg, Energy Conversion, Fish, Heat Recovery, Industrial, Induced Temperature, Organic Water Properties, Phytoplankton, Primary Productivity - Plants, ...2.1736

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants, Columbia River, Dyes, Electric Power Plants, Filtration, Model Studies, Power Plants - see Specifics, Radioisotopes, Simulation Theory, Thermal Pollution, Water Pollution Sources, ...2.1756

Public Water Supply Reservoirs

TASTES AND ODORS IN WATER SUPPLIES ...Actinomycetes - nonspecific, Algal Pollutant Sources, Nitrogen and Nitrogen Cpds., Potable Water, Taste & Odor of Water, Water Pollution - see Specifics, Water Quality -general, ...3.0486

STUDY ON FLUORIDE CONCENTRATIONS IN TOOTH ENAMEL ...Aluminum, Fluoridation, Fluorine, Potable Water, Trace Elements, Zinc, ...3.0907

ADAPTATION BY MICROBIAL POPULATIONS ...Bacterial Ecology, Microorganisms -nonspecific, Sewage Bacteria, ...2.1345

Wildlife Reservoirs

NEUTRALIZATION EXPERIMENTS ...Acidity (water), Aquatic Ecology - Animal, Fish, Lime Treatment, New Jersey, Recreation, Water Resources, ...2.1060

Residential Buildings

RELATIVE POLLUTION STRENGTHS OF UNDILUTED WASTE MATERIALS DISCHARGED IN HOUSEHOLDS AND THE DILUTION WATER USED FOR EACH ...Public Utilities, Sewage, Waste Dilution- Self Purifying, ...3.0090

THE DETERMINATION OF GROUND WATER INFILTRATION & THE EFFECTS OF INTERNAL CHEMICAL SEALING OF SANITARY SEWERS ...Building Design, Groundwater, Infiltration, Pipe, Sanitary Sewage Quantity, Sewer Maintenance, Water Table, ...2.1671

URBAN INFRASTRUCTURE INVESTMENT IN DEVELOPING COUNTRIES ...Chile, Housing, Public Utilities, Urban Environment, Water Supply Facilities, ...3.1811

SEPARATION OF SANITARY SEWAGE FROM COMBINED SYSTEMS OF SEWERAGE ...Pipe, Sewer Systems, Storm Water, Waste Treatment Economics, ...3.0244

RADON PROGENY EXPOSURE CONTROL IN BUILDINGS ...Building Design, Construction Materials, Radiation Injury Prevention, Radioactive Isotopes, Radon, Respiratory Irritants, Inhaled, ...5.0803

THE DETERMINANTS OF REAL ESTATE VALUES ...Air Pollution -see Specifics, Building Construction, Heating Units, Location Choice, Noise -see Noise, Value, Zoning, ...6.0055

PLANNING STANDARDS FOR APPLICATION WITH THE LAND USE ACTIVITY ALLOCATION MODEL (LUAAM) ...Land Use, Noise, Right-of-way -see Legal Study, Transportation, Transportation Management, Zoning, ...6.0056

IMPORTANCE OF NOISE AND ITS POTENTIAL EFFECT ON WOOD USE IN GARDEN APARTMENTS ...Building Acoustics - see Noise, Building Construction, Construction Materials, Farm Structures & Design, Home Economics, Noise, Structural Mechanics, ...6.0057

ENVIRONMENTAL FACTORS IN RELATION TO TRAFFIC ...Air Pollution -see Specifics, Geometric Design, Noise, Smoke - see Air Pollution, Traffic Engineering, ...6.0063

INTRAMETROPOLITAN RESIDENTIAL MOBILITY ...Air Pollution, California, Environmental Hazards, Floods, Noise, Social Aspects, ...6.0068

Respiratory Disease

CHRONIC LUNG DISEASE IN NEW GUINEA POPULATIONS ...Air Pollution -see Specifics, Fungi -nonspecific, Rural Areas, ...1.0169

ANATOMY OF THE RESPIRATORY SYSTEM IN HEALTH AND DISEASE ...Air Pollution -see Specifics, Gallus Domesticus, Mammals -nonspecific, Quail, Vertebrate Anatomy, ...1.0175

RESPIRATORY TRACT AIR POLLUTANTS AND BIOLOGICAL AGENTS ...Air Pollution -see Specifics, Caviidae, Diplococcus Pneumoniae, Muridae, Pleuropneumonia Group, Smog -see Air Pollution, Sulfur Dioxide, ...1.0180

LUNG ALVEOLAR SURFACTANT - PHYSIOLOGICAL, BIOCHEMICAL, AND THERAPEUTIC ASPECTS IN CARDIOPULMONARY DISEASE ...Air Pollution -see Specifics, Mammals -nonspecific, Surface Active-other, ...1.0195

RESPIRATORY FINDINGS AND URBAN LIVING ...Air Pollution -see Specifics, District of Columbia, Maryland, New York, Urban Environment, ...1.0207

ENVIRONMENTAL FACTORS AND CHRONIC BRONCHITIS ...Air Pollution -see Specifics, Environmental Effects - Human, ...1.0209

AUTOMOBILE EXHAUST AND CHRONIC RESPIRATORY DISEASE ...Air Pollution -see Specifics, Bacteria -nonspecific, Carbon Monoxide, Engines, Environmental Effects - Human, Lead, Tobacco -cigarettes, ...1.0212

RESPIRATORY DISEASE AND ENVIRONMENTAL EXPOSURES ...Air Pollution -see Specifics, Asbestos, Environmental Effects - Human, Factory Workers, Occupational Hazards, Respiratory Irritants, Inhaled, Tobacco -cigarettes, ...1.0214

ETIOLOGIC SYNERGISMS IN DISEASES OF THE LUNG ...Air Pollution -see Specifics, Cell Injury and Autolysis, Cellular Repair Mechanisms, Muridae, Respiratory Irritants, Inhaled, ...1.0221

URBAN CHRONIC DISEASE EPIDEMOLOGICAL STUDY PROGRAM ...Air Pollution -see Specifics, Environmental Effects - Human, Occupational Hazards, Social Aspects, Urban Environment, ...1.0224

EFFECT OF AIR POLLUTION ON OBSTRUCTIVE LUNG DISEASE ...Air Pollution -see Specifics, Carbon Monoxide, Respiratory Irritants, Inhaled, ...1.0231

CHRONIC LUNG DISEASE RESPONSE TO POLLUTION FREE AIR ...Air Pollution -see Specifics, Urban Environment, ...1.0234

INFLUENCE OF AIRBORNE FACTORS ON LUNG CLEARANCE ...Aerosols, Asbestos, Nitrogen and Nitrogen Cpds., Sulfur Dioxide, ...1.0235

EFFECT OF AIR POLLUTANTS ON DEVELOPMENT AND PERSISTENCE OF HEMAGGLUTINATING ANTIBODIES AGAINST INFLUENZA VIRUS (ABBREV) ...Air Pollution -see Specifics, Viruses - Animal, ...1.0248

A REPORT ON THE RELATIONSHIP BETWEEN NO2 AIR POLLUTION & LOWER RESPIRATORY TRACT INFECTIONS (ABBREV) ...Air Pollution -see Specifics, Nitrogen and Nitrogen Cpds., ...1.0251

INITIATE A MORBIDITY STUDY OF ALTERATIONS IN LUNG STRUCTURE ASSOCIATED WITH EXPOSURE TO AIR POLLUTANTS AS INDICATED BY LUNG MORPHOMETRY ...Air Pollution -see Specifics, Respiratory Irritants, Inhaled, ...1.0273

A STUDY OF ACUTE RESPIRATORY ILLNESS IN RELATION TO NITROGEN OXIDES AIR POLLUTION LEVELS IN CHATTANOOGA, TENNESSEE ...Air Pollution, Air Pollution -see Specifics, Air Pollution-chemistry, Combustion, Nitrogen and Nitrogen Cpds., Respiratory Irritants, Inhaled, Tennessee, ...1.0274

AIR POLLUTION AND RESPIRATORY INFECTIONS ...Air Pollution -see Specifics, Caboidea, Phagocytosis, Rabbits, Respiratory Bacteria, ...1.0281

BRITISH-NORWEGIAN MIGRANT STUDY ...Air Pollution -see Specifics; Health & Geographic Factors; Occupational Hazards; Respiratory Irritants, Inhaled; Tobacco Products &/or Smoking; ...1.0291

ENVIRONMENTAL ASSESSMENT OF AIR-BORNE COTTON AND FLAX DUSTS ...Air Pollution -see Specifics; Factory Workers; Foreign Agriculture; Gossypium; Linaceae; Occupational Hazards; Respiratory Irritants, Inhaled; ...1.0302

AIR POLLUTION EFFECTS ON AIRBORNE RESPIRATORY DISEASE ...Air Pollution -see Specifics; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Sulfur Dioxide; Temperature & Humidity Effects; Urban Environment; ...1.0304

A SURVEY OF THE PROCEDURES FOR EVALUATING HEALTH COSTS DUE TO AIR POLLUTION ...Air Pollution -see Specifics; Literature Search; Medical Economics & Cost; Welfare Economics; ...1.0461

DUST DEPOSITION AND RETENTION ...Aerosols; Radioisotopes -nonspecific; Respiratory Irritants, Inhaled; ...1.0598

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Colorado; Environmental Effects - Human; Miners; Radiation Carcinogenesis; Radiation Sources - general; Radon; Respiratory Irritants, Inhaled; Uranium; ...5.0044

BIOLOGICAL RESPONSE TO SMALL, DISCRETE, HIGHLY RADIOACTIVE PARTICLES ...Environmental Effects - Human; Injury and Shock; Muridae; Radiation; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0052

INTERAGENCY REVIEW OF THE HEALTH HAZARDS OF URANIUM MINING - COMPARISON OF EXPERIMENTAL TO EMPIRICAL RESULTS ...Epidemiology; Miners; Radiation Carcinogenesis; Radiologic Health; Tumor Pathology; ...5.0060

STUDY OF THE CANCER EXPERIENCE OF NON-URANIUM HARD ROCK MINERS IN THE ROCKY MOUNTAIN AREA ...Environmental Carcinogenesis; Miners; Occupational Hazards; Radiation Sources -general; Rocky Mountain System; ...5.0362

HUMAN RADIATION STUDIES ...Atomic Bomb; Iodine; Nevada; Radiation Dose Studies-general; Radiation Sensitivity -man; ...5.0372

THE INTERACTIONS BETWEEN ALPHA RADIATION AND CHEMICAL CARCINOGENS IN EXPERIMENTAL LUNG CANCER ...Alpha Particles; Chemical Carcinogenesis; Co-carcinogenesis; Mammals -nonspecific; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0383

TISSUE REACTION TO DISCRETE, HIGH SPECIFIC-ACTIVITY PARTICULATES, WITH EMPHASIS ON TUMOR FORMATION IN THE LUNG ...Cricetus; Epidemiology; Muridae; Radiation Carcinogenesis; Radiologic Health; ...5.0460

MECHANISMS OF RADIATION INDUCED PULMONARY EDEMA ...Mammals -nonspecific; Radiation Effects - Biological; ...5.0475

MODIFICATION OF RADIATION INDUCED PULMONARY FIBROSIS ...Canidae; Cell Injury and Autolysis; Radiation; Radiation Sources -general; ...5.0507

FOLLOW-UP STUDY OF THOROTRAST PATIENTS ...Epidemiology; Miners; Thorium; ...5.0599

THE AGE FACTOR IN RADIATION SENSITIVITY OF MAMMALS ...Aging; Mammals -nonspecific; Radiation Carcinogenesis; Radiation Sensitivity -man; ...5.0713

STUDIES ON THE EFFECTS (BIOCHEMICAL, MORBIDITY AND MORTALITY) OF RADIOACTIVE CONSTITUENTS OF URANIUM ORE ON HEALTH OF WORKERS ...Air Pollution -see Specifics; Miners; Occupational Hazards; Radiation Carcinogenesis; Tobacco -cigarettes; Uranium; ...5.0770

Respiratory Irritants, Inhaled

CHARACTERIZING ASBESTOS-BEARING AEROSOLS ...Aerosols ; Air Pollution -see Specifics; Asbestos; Diffraction; Microscopy; ...1.0004

ATMOSPHERIC DUST AND MOLD SPORE STUDIES ...Air Pollution -see Specifics; Dust; Health & Geographic Factors; Mercury; North Dakota; Phosphorus and Phosphorus Cpds; ...1.0115

TOBACCO SMOKE AND LUNG BIOCHEMISTRY ...Air Pollution -see Specifics; Cell Injury and Autolysis; Mammals -nonspecific; Toxicology; ...1.0171

EFFECTS OF CIGARETTE SMOKE ON THE PULMONARY LYMPHORETICULAR SYSTEM ...Air Pollution -see Specifics; Muridae; Tobacco -cigarettes; Toxicology; ...1.0172

EFFECT OF POLLUTANTS ON PULMONARY BACTERIAL DEFENSE ...Air Pollution -see Specifics; Bioassays; Gases; Muridae; Phagocytosis; Staphylococcus Aureus; ...1.0174

INHALATION OF WHOLE SMOKE, SYNTHETIC SMOG, & AMBIENT AIR ON THE RESPIRATORY TRACT & OTHER ORGANS OF PATHOGEN-FREE MICE (ABBREV) ...Aerosols; Carbon Monoxide; Muridae; Sulfur Dioxide; ...1.0179

RESPIRATORY TRACT AIR POLLUTANTS AND BIOLOGICAL AGENTS ...Air Pollution -see Specifics; Caviidae; Diplococcus Pneumoniae; Muridae; Pleuropneumonia Group; Respiratory Disease; Smog -see Air Pollution; Sulfur Dioxide; ...1.0180

ACUTE TOXICITY OF HEATED ASBESTOS ...Air Pollution -see Specifics; Asbestos; Muridae; Occupational Hazards; Toxicology; ...1.0181

BIOCHEMICAL AND HISTOCHEMICAL INVESTIGATIONS OF ENZYME SYSTEMS IN MAMMALIAN LUNG ...Air Pollution -see Specifics; Biochemical Analysis - Tissues; Catalysts; Mammals -nonspecific; Spectrographic Techniques; ...1.0187

EFFECT OF EXPOSURE TO THE TOTAL SUBMARINE ATMOSPHERIC ENVIRONMENT ON PHYSIOLOGICAL FUNCTIONS ...Aerosols; Air Pollution -see Specifics; Carbon Monoxide; Environmental Effects - Human; Military Personnel; Submarine & Diving Medicine; Toxicology; ...1.0191

ATMOSPHERIC POLLUTION AND RESPIRATORY DISEASE ...Air Pollution -see Specifics; Asthma; Toxicology; ...1.0192

STUDIES OF ENVIRONMENTAL AIR POLLUTANTS ...Air Pollution -see Specifics; Amphibians; Carbon; Experimental Teratology; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; ...1.0198

THE EFFECT OF INFLUENZA VIRUS AND NICOTINE ON THE NUCLEAR STRUCTURE OF CILIATED HUMAN EPITHELIUM ...Air Pollution -see Specifics; Mammals -nonspecific; Time-lapse Photography; Viral Carcinogenesis; ...1.0199

NEUTRON ACTIVATION OF BIOLOGIC SPECIMENS ...Air Pollution -see Specifics; Toxicology; Urine; ...1.0201

EXPERIMENTAL INFECTIVE PNEUMOCONIOSIS ...Air Pollution -see Specifics; Asbestos; Bacterial Population Surveys; India; Miners; Occupational Hazards; Respiratory Bacteria; ...1.0203

A PROGRAM IN ENVIRONMENTAL PHYSIOLOGY AND TOXICOLOGY ...Air Pollution -see Specifics; Carbon Monoxide; Cooperative Studies; Environmental Effects - Human; Toxicology; ...1.0208

PHYSIOLOGICAL RESPONSE TO ATMOSPHERIC POLLUTANTS ...Aerosols; Air Pollution -see Specifics; Air Pollution-chemistry; Caviidae; Sulfur Dioxide; ...1.0213

RESPIRATORY DISEASE AND ENVIRONMENTAL EXPOSURES ...Air Pollution -see Specifics; Asbestos; Environmental Effects - Human; Factory Workers; Occupational Hazards; Respiratory Disease; Tobacco -cigarettes; ...1.0214

EFFECTS OF CARBON MONOXIDE INDUCED ARRHYTHMIAS ...Air Pollution -see Specifics; Canidae; Carbon Monoxide; Petroleum -see Oil; Toxicology; ...1.0220

ETIOLOGIC SYNERGISMS IN DISEASES OF THE LUNG ...Air Pollution -see Specifics; Cell Injury and Autolysis; Cellular Repair Mechanisms; Muridae; Respiratory Disease; ...1.0221

PULMONARY REACTIONS TO GASEOUS ENVIRONMENTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Gases; Toxicology; ...1.0222

ASBESTOS EXPOSURE-RISK IN DEFINED HUMAN POPULATIONS ...Air Pollution -see Specifics; Asbestos; Occupational Hazards; ...1.0226

RED CELL DEFENSE MECHANISMS AGAINST AIR POLLUTION ...Air Pollution -see Specifics; Carbon Monoxide; Cell Injury and Autolysis; Cellular Metabolism - Controls; Contamination - see Air & Water; Gases; ...1.0228

PULMONARY DEPOSITION AND CLEARANCE OF DUST IN MAN ...Air Pollution -see Specifics; Digestive System - Human; Dust; Equidae; Medical Physics; Tobacco -cigarettes; Urban Environment; ...1.0230

EFFECT OF AIR POLLUTION ON OBSTRUCTIVE LUNG DISEASE ...Air Pollution -see Specifics; Carbon Monoxide; Respiratory Disease; ...1.0231

INFLUENCE OF AIRBORNE FACTORS ON LUNG CLEARANCE ...Aerosols; Asbestos; Nitrogen and Nitrogen Cpds.; Respiratory Disease; Sulfur Dioxide; ...1.0235

CHARACTERIZATION OF EXPOSURE AEROSOLS ...Aerosols; Air Pollution -see Specifics; Data & Statistics Info Storage; Electrostatic; Radon; Toxicology; ...1.0236

INITIATE A STUDY AND COMPLETE COLLECTION OF DATA RELATING EXPOSURE TO O3 AIR POLLUTION TO ALTERATIONS IN THE BIOCHEMICAL NATURE OF LUNG LIPIDS ...Aging; Air Pollution -see Specifics; Biochemical Analysis - Tissues; ...1.0249

A REPORT OF SEVERAL AIR POLLUTION PARAMETERS AND THE INTENSITY OF SYMPTOMS IN A PANEL OF ASTHMATIC PERSONS (ABBREV) ...Air Pollution -see Specifics; Asthma; Sulfur Dioxide; ...1.0253

CONTINUE COLLECTION OF DATA ON THE EFFECT OF CHRONIC EXPOSURE OF BEAGLE DOGS TO SULFUR OXIDES AND PARTICULATE AIR POLLUTION ...Air Pollution -see Specifics; Canidae; Exercise; Stressors, Physiological; Sulfur Dioxide; ...1.0257

PLAN, DEVELOP EFFECTS OF SOX AND PARTICULATE AIR POLLUTION ON HUMAN HEALTH ...Air Pollution -see Specifics; Air Pollution Effects; Particulates - Air Pollution; ...1.0259

CARCINOGENIC AND MUTAGENIC STUDIES ON ATMOSPHERIC POLLUTANTS ...Air Pollution; Air Pollution -see Specifics; Chemical Carcinogenesis; Chemical Mutagenesis; Environmental Carcinogenesis; Epidemiology; Muridae; ...1.0264

COLLECTION OF DATA RELATED TO THE CARCINOGENIC POTENTIAL OF HYDROCARBONS & ASSOCIATED POLLUTANTS COLLECTED DIRECTLY FROM THE AIR (ABBREV) ...Air Pollution; Air Pollution -see Specifics; Air Pollution-chemistry; Chemical Carcinogenesis; Mammals -nonspecific; ...1.0265

INITIATE A STUDY & BEGIN COLLECTION OF DATA ON PHYSIOLOGICAL MECHANISMS BY WHICH PB, CD, OR AS POLLUTANTS AFFECT METABOLIC PROCESSES ...Air Pollution -see Specifics; Arsenic; Lead; ...1.0267

COMPLETE A STUDY AND PREPARE A REPORT ON THE EFFECTS OF EXPOSURE TO OXIDANT AIR POLLUTION ON LUNG DEFENSIVE MECHANISMS OF ANIMALS ...Air Pollution -see Specifics; Mammals -nonspecific; ...1.0268

COLLECTION OF DATA ON THE BIOCHEMICAL CHARACTERIZATION OF LUNG SURFACTANT AS IT IS AFFECTED BY EXPOSURE TO AIR POLLUTANTS (ABBREV) ...Air Pollution -see Specifics; Biochemical Analysis - Tissues; Mammals - nonspecific; Surface Active-other; ...1.0269

CONTINUE COLLECTION OF DATA ON THE EFFECTS OF CHRONIC EXPOSURE OF BEAGLE DOGS TO NITROGEN OXIDES AND/OR AUTO EXHAUST ...Air Pollution -see Specifics; Auto Exhaust -see Air Poll.; Canidae; Nitrogen and Nitrogen Cpds.; ...1.0271

A REPORT ON THE INFLUENCE OF EXPOSURE TO LOW LEVELS OF OZONE ON THE STRUCTURAL INJURY PRODUCED BY BACTERIAL INFECTIOUS AGENTS (ABBREV) ...Air Pollution -see Specifics; Bacteria -nonspecific; Cell Injury and Autolysis; Mammals -nonspecific; ...1.0272

INITIATE A MORBIDITY STUDY OF ALTERATIONS IN LUNG STRUCTURE ASSOCIATED WITH EXPOSURE TO AIR POLLUTANTS AS INDICATED BY LUNG MORPHOMETRY ...Air Pollution -see Specifics; Respiratory Disease; ...1.0273

A STUDY OF ACUTE RESPIRATORY ILLNESS IN RELATION TO NITROGEN OXIDES AIR POLLUTION LEVELS IN CHATTANOOGA, TENNESSEE ...Air Pollution; Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Nitrogen and Nitrogen Cpds.; Respiratory Disease; Tennessee; ...1.0274

CONTINUE COLLECTION OF DATA ON THE EFFECTS OF CHRONIC EXPOSURE OF BEAGLE DOGS TO CARBON MONOXIDE ...Air Pollution -see Specifics; Canidae; Carbon Monoxide; ...1.0276

OCCUPATIONAL HEALTH HAZARDS OF RUBBER DUST ...Air Pollution -see Specifics; Cercopithecoidea; Elastomers; Medical, Dental Materials; Occupational Hazards; Toxicology; ...1.0287

ABSORPTION OF POLLUTANTS IN THE RESPIRATORY TRACT ...Air Pollution -see Specifics; Felidae; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; ...1.0290

BRITISH-NORWEGIAN MIGRANT STUDY ...Air Pollution -see Specifics; Health & Geographic Factors; Occupational Hazards; Respiratory Disease; Tobacco Products &/or Smoking; ...1.0291

STUDY OF UPPER RESPIRATORY TRACT CLEARANCE IN RATS ...Air Pollution -see Specifics; Bacteria -nonspecific; Muridae; ...1.0292

EFFECTS OF LOW LEVELS OF LEAD ON PROTEIN SYNTHESIS ...Air Pollution -see Specifics; Cellular Biosynthesis; Gases; Petroleum -see Oil; ...1.0294

ESR STUDIES OF BIOCHEMICAL EFFECTS OF ATMOSPHERIC POLLUTANTS ...Air Pollution-chemistry; Free Radical Reactions; Gases; Nitrogen and Nitrogen Cpds.; Tobacco -cigarettes; Tobacco Products &/or Smoking; ...1.0299

ENVIRONMENTAL ASSESSMENT OF AIR-BORNE COTTON AND FLAX DUSTS ...Air Pollution -see Specifics; Factory Workers; Foreign Agriculture; Gossypium; Linaceae; Occupational Hazards; Respiratory Disease; ...1.0302

A LONGITUDINAL CORRELATION OF PULMONARY FUNCTION STUDIES WITH PATIENTS HISTORY ...Air Pollution -see Specifics; Toxic Substances; ...1.0303

AIR POLLUTION EFFECTS ON AIRBORNE RESPIRATORY DISEASE ...Air Pollution -see Specifics; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Temperature & Humidity Effects; Urban Environment; ...1.0304

SELECTED AIR POLLUTANTS AFFECTING PLANTS AND HEALTH ...Air Pollution -see Specifics; Arachis; Food Processing Industries; Livestock -nonspecific; Mammals -nonspecific; ...1.0423

DEVELOP REFERENCE AIR QUALITY VALUES ...Air Pollution -see Specifics; Air Pollution-chemistry; Carbon Monoxide; Fluorine; Lead; Nitrogen and Nitrogen Cpds.; ...1.0524

DUST DEPOSITION AND RETENTION ...Aerosols; Radioisotopes -nonspecific; Respiratory Disease; ...1.0598

BIOENGINEERING ASPECTS OF AIR POLLUTION ...Aerosols; Air Pollution -see Specifics; Models (physical) of Anim.&man; Smog -see Air Pollution; Smoke; Tobacco -cigarettes; ...1.0677

INSTRUMENT DEVELOPMENT AND EVALUATION FOR PARTICULATES ...Air Pollution Monitoring; Monitoring Devices; Particulates - Air Pollution; ...1.0803

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Smoke; Visibility; Weather Data; ...1.0837

DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR THE MEASUREMENT OF TRACE CONTAMINANTS IN AIR FORCE MANNED WEAPON SYSTEMS ...Aviation Medicine; Controlled Atmosphere; Electron Spectroscopy; Military Personnel; Trace Analysis; ...1.0848

NAVY ENVIRONMENT SUITABILITY OF SALIVA SAMPLING FOR MONITORING BLOOD LEVELS OF INHALED POISONS AND OF ADMINISTERED MEDICATION ...Digestive System - Human; Environmental Effects - Human; Military Personnel; Occupational Hazards; Toxic Substances; Toxicology; ...1.0853

RADON PROGENY INHALATION EXPOSURES TO URANIUM MINERS ...Environmental Carcinogenesis; Lead; Polonium; Radiologic Health; ...5.0023

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Colorado; Environmental Effects - Human; Miners; Radiation Carcinogenesis; Radiation Sources - general; Radon; Uranium; ...5.0044

THE METABOLISM OF THE RARE EARTHS FOLLOWING INHALATION - PATHOLOGIC AND BIOCHEMICAL RESPONSE IN THE LUNG AND OTHER ORGANS ...Aerosols; Environmental Effects - Human; Injury and Shock; Radiation Effects - Biological; Thulium; Ytterbium; ...5.0049

BIOLOGICAL RESPONSE TO SMALL, DISCRETE, HIGHLY RADIOACTIVE PARTICLES ...Environmental Effects - Human; Injury and Shock; Muridae; Radiation; Radiologic Health; ...5.0052

STUDIES ON HAZARDS OF THE TRANSPLUTONIUM ELEMENTS ...Actinium A C; Body Isotope Burden; Colloids; Gold; Muridae; Radiation Injury Prevention; X and Gamma Rays; ...5.0117

THE BIOLOGICAL EFFECTS OF LOW DOSAGE RADIATION ...Air Pollution -see Specifics; Human Developmental Biology; Literature Search; Radiation Carcinogenesis; Radiation, Low Level; Radiologic Health; ...5.0143

THE CYTOGENETICS OF URANIUM MINERS EXPOSED TO RADON 222 ...Bioassays; Body Isotope Burden; Occupational Hazards; Radiation Carcinogenesis; Radiologic Health; ...5.0207

EFFECT OF URANIUM ON THE TRACHEOBRONCHIAL TREE ...Colorado; Meetings; Occupational Hazards; Radiation Effects - Biological; ...5.0423

METABOLISM AND DOSIMETRY OF 90Y INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Beta Particles; Body Isotope Burden; Canidae; Feces; Yttrium; ...5.0425

TOXICITY OF 144CE INHALED IN FUSED CLAY BY THE BEAGLE DOG ...Aerosols; Body Isotope Burden; Cerium; Microorganisms -nonspecific; ...5.0426

METABOLISM AND DOSIMETRY OF 90SR INHALED IN FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Canidae; Radiation Injury Prevention; Yttrium; ...5.0427

TOXICITY OF INHALED 90SR CHLORIDE IN THE BEAGLE DOG ...Aerosols; Canidae; Nuclear Warfare; Urine; ...5.0428

DISTRIBUTION AND EXCRETION OF 137 CS INHALED IN FUSED CLAY PARTICLES BY THE DOG ...Aerosols; Cerium; Fission Products-see Radioact.; Radiation Injury Prevention; Radioactive Isotopes; Strontium; ...5.0429

TOXICITY OF INHALED 91Y CHLORIDE IN THE BEAGLE DOG ...Canidae; Feces; Microorganisms -nonspecific; Urine; Yttrium; ...5.0430

TOXICITY OF INHALED CE144 CHLORIDE TO THE BEAGLE DOG ...Canidae; Cerium; Digestive System - Human; ...5.0431

RADIATION DOSE PATTERNS ASSOCIATED WITH INHALATION OF ALPHA-EMITTING RADIONUCLIDES BY THE BEAGLE DOG ...Aerosols; Canidae; Digestive System - Human; Occupational Hazards; Radiologic Health; ...5.0432

CHROMOSOME ABERRATIONS PRODUCED BY INTERNALLY DEPOSITED RADIOACTIVE MATERIALS IN THE CHINESE HAMSTER ...Alpha Particles; Beta Particles; Cellular Model Systems; Cerium; Digestive System - Human; Radiation Injury Prevention; Strontium; ...5.0433

INITIAL DEPOSITION OF RADIONUCLIDE-CONTAINING PARTICLES IN THE LUNGS OF BEAGLE DOGS ...Aerosols; Ceramics; Inspection and Control; Medical, Dental Materials; Yttrium; ...5.0434

TOXICITY OF INHALED 90Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Canidae; Injury and Shock; Radiation Effects - Biological; Strontium; ...5.0435

TOXICITY OF INHALED 91Y IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Biochemical Analysis - Tissues; Fission Products-see Radioact.; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; ...5.0436

BIOMEDICAL EFFECTS OF EXPLOSIONS ...Atomic Bomb; Civil Defense; Injury and Shock; Nuclear Warfare; Radioisotopes -nonspecific; Radiologic Health; ...5.0437

PHYSICO-CHEMICAL NATURE OF 95NB(V) OXALATE IN THE BEAGLE DOG BLOOD AFTER INJECTION OR INHALATION OF 95NB(V) OXALATE ...Body Isotope Burden; Canidae; Niobium; ...5.0438

THE EFFECT OF THE INHALATION OF RADIONUCLIDES IN 'INSOLUBLE' FORMS ON THE FATE OF INHALED BACTERIA IN MICE ...Aerosols; Bacterial Population Surveys; Microorganisms; Proteus -nonspecific; Staphylococcus Aureus; Stressors, Physiological; Yttrium; ...5.0439

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Aerosols; Canidae; Muridae; Radiation Effects - Biological; Radiologic Health; Stibium; Thulium; ...5.0440

METABOLISM AND DOSIMETRY OF Y91 INHALED AS FUSED CLAY PARTICLES BY THE BEAGLE DOG ...Aerosols; Canidae; Feces; Yttrium; ...5.0441

TOXICITY OF SR90 IN FUSED CLAY IN THE BEAGLE DOG ...Aerosols; Beta Particles; Canidae; Radiation Dose Studies-general; Strontium; ...5.0442

THERAPY FOR INHALED RADIONUCLIDES ...Canidae; Cerium; Chelation & Complexing; Niobium; Radiation Effects - Biological; Radiation Injury Prevention; Zirconium; ...5.0443

LIPID COMPOSITION OF PULMONARY SURFACTANT, EXFOLIATED LINING CELLS AND TISSUE FROM BEAGLE DOGS ...Canidae; Radioisotopes -nonspecific; Surface Active-other; ...5.0444

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Aerosols; Barium; Cerium; Fission Products-see Radioact.; Praseodymium; Radioactivity; Strontium; Yttrium; ...5.0446

THEORETICAL DESCRIPTION OF THE INTERACTIONS THAT OCCUR BETWEEN RADON DECAY PRODUCTS AND AEROSOLS ...Adsorption; Aerosols; Radiation Effects - Biological; Radioactive Hazard; Radon; ...5.0447

GENERATION OF MONODISPERSE AEROSOLS OF INSOLUBLE FORMS FOR USE IN INHALATION EXPOSURES ...Aerosols; Body Isotope Burden; Chelation & Complexing; Electrical Phenomena; Fission Products-see Radioact.; Radiation Injury Prevention; Zirconium; ...5.0448

DOSE-RESPONSE RELATIONSHIPS FOR INHALED ALPHA-EMITTING RADIONUCLIDES ...Alpha Particles; Americum; Canidae; Curium; Injury and Shock; Plutonium; Radiation Effects - Biological; ...5.0449

BIOLOGIC AND PHYSICAL ASPECTS OF AIRBORNE AGENTS ...Canidae; Europium; Injury and Shock; Lutecium; Monkey; Radiation Effects - Biological; Uranium; ...5.0502

THE RADIOBIOLOGY AND TOXICOLOGY OF RADON AND OTHER RADIOACTIVE GASES ...Canidae; Krypton; Miners; Muridae; Radon; Uranium; X and Gamma Rays; ...5.0505

MORPHOLOGICAL AND CYTOLOGICAL STUDIES OF LUNG RESPONSES TO INHALATION AND IRRADIATION ...Aerosols; Monkey; Plutonium; Radiation Dose Studies-general; Tumor Pathology; X and Gamma Rays; ...5.0510

SPACE NUCLEAR SYSTEMS STUDIES ...Aerosols; Body Isotope Burden; Chemical Mechanisms & Kinetics; Plutonium; Radiation Dose Studies-general; Radioactive Hazard; Space Medicine - Exobiology; Sus; ...5.0735

URANIUM MINERS EXFOLIATIVE PATHOLOGY ...Canidae; Occupational Hazards; Plutonium; Radiation Effects - Biological; Radon; Tobacco -cigarettes; Uranium; ...5.0737

INHALATION STUDIES - AEROSOL TECHNOLOGY STUDIES ...Aerosols; Biochemical Analysis - Tissues; Instrument Services; Mammals -nonspecific; Plutonium; Radiation Injury Prevention; Radiologic Health; ...5.0747

INHALATION STUDIES - BIOLOGICAL EFFECT STUDIES ...Canidae; Plutonium; Promethium; Radiation; Radiation Carcinogenesis; Radiation Injury Prevention; ...5.0748

INHALATION STUDIES - BIOCHEMICAL STUDIES ...Biochemical Analysis - Tissues; Cellular Biosynthesis; Muridae; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0749

COMPARATIVE DISPOSITION OF PLUTONIUM AND AMERICIUM AFTER INHALATION ...Americum; Canidae; Plutonium; Radiation Effects - Biological; ...5.0751

INHALATION HAZARDS TO URANIUM MINERS, BIOLOGICAL STUDIES ...Air Pollution -see Specifics; Canidae; Co-carcinogenesis; Miners; Radiation Carcinogenesis; Radon; Tobacco - cigarettes; ...5.0754

RADON AND SILICON DIOXIDE TOXICITY ON RATS' LUNGS ...Muridae; Radiation Effects - Biological; Radon; Toxicology; ...5.0771

RADON PROGENY INHALATION STUDY ...Air Pollution -see Specifics; Miners; Occupational Hazards; Radiologic Health; Radon; Whole Body; ...5.0802

RADON PROGENY EXPOSURE CONTROL IN BUILDINGS ...Building Design; Construction Materials; Radiation Injury Prevention; Radioactive Isotopes; Radon; ...5.0803

THE DETERMINATION OF PLUTONIUM 239 IN LUNG TISSUE BY ACTIVATION ANALYSIS ...Atomic Bomb; Deer -nonspecific; Fast Neutrons; Plutonium; Radiologic Health; ...5.0819

INSTRUMENTATION FOR IN VIVO DETERMINATION OF INSOLUBLE PLUTONIUM IN THE LUNG ...Alpha Particles; Instrumentation; Occupational Hazards; Plutonium; Radiologic Health; X and Gamma Rays; ...5.0822

CALIBRATION OF RESPIRABLE DUST SAMPLERS FOR INHALATION HAZARD EVALUATION ...Aerosols; Air Pollution -see Specifics; Dust; Radiation Effects - Biological; Radioactive Hazard; Radioisotopes -nonspecific; Toxic Substances; ...5.0864

RADIOACTIVITY STUDIES ...Mammals -nonspecific; Radiation Injury Prevention; Radioisotopes -nonspecific; Radiologic Health; ...5.0871

RELATIONSHIP BETWEEN THE PHYSICAL PROPERTIES OF INHALED AEROSOLS AND RESPIRATORY DEPOSITION ...Aerosols; Miners; Models (physical) of Anim.&man; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; Radium; ...5.0874

STUDIES OF URANIUM MINER HAZARDS ASSOCIATED WITH RADON ...Bioassays; Feces; Lead; Occupational Hazards; Radiation Effects - Biological; Radon; Urine; ...5.0885

RESPIRATORY TRACT DOSE MODEL FOR URANIUM MINERS ...Alpha Particles; Mathematical Models; Models (physical) of Anim.&man; Radon; ...5.0904

RADIOLOGICAL AND HEALTH PHYSICS - ESTIMATION OF INTERNAL EXPOSURE ...Beta Particles; Digestive System - Human; Hydrogen; Plutonium; Radium; ...5.0937

INTERNAL DEPOSITIONS OF RADIONUCLIDES IN MAN ...Muridae; Occupational Hazards; Plutonium; Promethium; Radiation Injury Prevention; Radiologic Health; Samarium; ...5.0957

INHALATION STUDIES - KINETICS AND DOSIMETRY STUDIES ...Aerosols; Americum; Curium; Muridae; Promethium; ...5.0959

INHALATION STUDIES - THERAPEUTIC REMOVAL STUDIES ...Canidae; Muridae; Radiation Injury Prevention; ...5.0960

Reverse Osmosis

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY REVERSE OSMOSIS ...Carbon Filters; Chemical Oxygen Demand; Effluents - Waste Water; Fouling; Tertiary Treatment; ...2.0879

CONCENTRATION AND ANALYSIS OF PESTICIDES AND OTHER RECALCITRANT MOLECULES IN WATER SUPPLIES BY ULTRAFILTRATION ...Analysis and Detection; Chemical Analysis (water); Pesticide Formulation; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0921

MASS TRANSFER ANALYSIS IN REVERSE OSMOSIS OPERATION ...Potable Water; Process Design; ...2.0923

DETERMINE FEASIBILITY CHARACTERISTICS OF TUBULAR RO PROCESS ...Field Water Purification; Gas Chromatography; Military Sciences; Tubular Membranes; Water Quality Control - general; ...2.0953

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

RENOVATION OF MUNICIPAL WASTEWATER BY REVERSE OSMOSIS SYSTEMS ...Depolymerization; Membranes; Model Studies; Process Design; Urban Environment; ...2.1175

WATER TREATMENT BY REVERSE OSMOSIS METHOD ...Economic Efficiency; Fresh Water; Membranes; Pilot Plants; Waste Water Treatment -general; Water Reuse; ...2.1195

REVERSE OSMOSIS DEVELOPMENT FOR ACID MINE DRAINAGE CONVERSION ...Acid Mine Drainage; Acid Mine Wastes; Pilot Plants; Spiral Wound Membranes; Waste Treatment Economics; Water Reuse; West Virginia; ...2.1225

A FEASIBILITY STUDY OF ULTRAFILTRATION AND ELECTROPHORETIC DIALYSIS FOR RECOVERY OF VIRUSES IN WASTE AND OTHER WATERS ...Electrodialysis; Filters-filtration; Viral Pollutant Sources; Virus; Viruses - Animal; Water Pollution -see Specifics; ...2.1281

REVERSE OSMOSIS TREATMENT OF WASTEWATERS ...Coagulation; Electrochemistry; Membranes; Organic Waste -see Waste Treat; Organics; Sewage - Domestic; Waste Water Treatment -general; ...2.1294

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ...Alum Waste Water Treatment; Biochemical Oxygen Demand; Electrodialysis; Flocculation; Ion Exchange; Sand Filters; Solid Waste; Waste Treatment Economics; ...2.1365

ABATEMENT OF MINE DRAINAGE POLLUTION BY REVERSE OSMOSIS ...Acid Mine Drainage; Acid Mine Wastes; Pilot Plants; Process Design; Waste Water Treatment -general; Water Pollution Abatement; Wisconsin; ...2.1392

RECOVERY OF AMINO ACIDS FROM POTATO STARCH FACTORY SECONDARY WASTES ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Ion Exchange; Process Development; Product Development Research; Solanum; Water Quality Control -general; ...3.0041

APPLICATION OF HYPERFILTRATION WITH DYNAMICALLY-FORMED MEMBRANES TO TREATMENT OF MUNICIPAL SEWAGE EFFLUENTS ...Activated Sludge; Effluent-standards; Electrochemistry; Membranes; Porosity; Sewage; Tertiary Treatment; ...3.0319

LABORATORY SCALE FEASIBILITY STUDY OF USING REVERSE OSMOSIS TO CONCENTRATE PRE-TREATED DOMESTIC SEWAGE ...Activated Sludge; Bench Scale; Disinfection; Potable Water; Potable Water -see Potable; Sewage - Domestic; Waste Treatment Economics; ...3.0355

Rhizosphere

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality -general; Water Table - Depth of; ...2.0096

MINIMIZING NITRATE POLLUTION OF GROUNDWATER AND STREAMS ...Absorption (incl. Adsorption); Groundwater; Nitrogen Cycle -see Denitrif.; Soil Profile; ...2.1013

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Cdaa; Glycine; Nitrification; Pesticides Compatibility; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

THE ROLE OF RHIZOSPHERE MICROORGANISMS IN THE ACTION OF HERBICIDES ON PLANTS ...Ammonification Or Decay; Fungicides -nonspecific; Insecticides -nonspecific; Nitrification; Pesticide Interaction With Env; Pesticides Compatibility; ...4.0468

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Fomes; Helminthosporium; Pesticide Evaluation; Pythium; Soil Microbiology; Soil pH; ...4.0923

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chenopodiaceae; Chlorinated Hydrocarbons; Insecticides -nonspecific; Organophosphorous Cpds.; Plant; Soil Microbiology; Trifolium; ...4.1043

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - II. MOVEMENT OF RADIONUCLIDE IONS IN SOILS ...Absorption (incl. Adsorption); Mathematical Models; Radioisotopes; Soil Chemical Properties; Strontium; ...5.0039

Rhode Island

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Energy Conversion; Heat Recovery, Industrial; Nuclear Power; Plant Freshwater Ecology; Public Utilities; Social Aspects; Thermal Pollution; ...2.0352

A STUDY OF SUSPECTED LEAD POISONING OF SWANS AND GEESE ...Animal Pharmacology; Aquatic Soils; Bird Studies - general; Food Supply; Pathology; ...2.0355

THE INSECT ORDER PLECOPTERA AS A BIOLOGICAL INDEX OF FRESH WATER QUALITY ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fresh Water; Organic Water Properties; Temperature (water); Water Pollutant Identification; ...2.0771

BAY WATCH ...Air Pollution Monitoring; Bays; Forecasting - Prediction; Marine Pollution; Physical Models; Water Quality Control -general; ...2.0772

SENSITIVITY OF BENTHIC MICROFLORA TO POLLUTION GRADIENTS ...Atomic Plants; Carbon; Energy Conversion; Marine Plants; Water Pollutant Identification; Water Standards & Baselines; ...2.0773

THE GAUZE PAD METHOD FOR THE ISOLATION OF VIRUSES FROM INLAND AND ESTUARINE WATERS ...Bacterial Pollutant Sources; Coliforms -nonspecific; Estuaries; Streptococcus Fecalis; Water Pollutant Identification; ...2.0774

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling; Chlorine; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics -general; Rural Areas; Size; ...2.0776

ANALYTICAL PHYSICAL MODEL ...Bays; Biological Water Properties; Marine Pollution; Mathematical Analysis; Mathematical Models; Physical Models; Thermodynamics; ...2.0777

SIGNIFICANCE OF THE FECAL STREPTOCOCCI, COLIFORM BACTERIA AND COLIPHAGE IN RELATIONSHIP TO ENTERIC VIRUS POLLUTION IN SEWAGE AND RIVERS ...Bacterial Pollutant Sources; Bacteriophage; Streptococcus Fecalis; Viruses - Animal; Water Pollutant Identification; ...2.0780

EVALUATION OF MICROBIOLOGICAL STANDARDS FOR SHELLFISH GROWING WATERS ...Bays; Digestive System - Human; Food Contamination; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0782

STUDY OF GROWING AREA STANDARD BY EXAMINING ENTEROPATHOGENS AND INDICATOR LEVELS ...Bacterial Population Surveys; Digestive System - Human; Food Contamination; Mollusca; Salmonella -nonspecific & -ot.; Sewage Bacteria; Water Pollutant Identification; ...2.0785

COLD WATER STUDIES - WALLUM LAKE ...Acidity (water); Bottom Sampling; Data Reduction and Analysis; Lakes; Lime Treatment; Neutralization; ...2.1095

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ...Chelation & Complexing; Colloidal Phenomena; Filtration; Fluid Mechanics; Mathematical Models; New England Province; Sedimentation; ...2.1411

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Benefit-cost Analysis; Demand and Use -recreation; Estuaries; Land Use; Oceanography -general; Survey Studies (water); Water Quality Control - general; ...2.1911

DEMONSTRATION OF A NEW PROCESS FOR THE TREATMENT OF HIGH POLLUTANT CONCENTRATION TEXTILE AND FINISHING WASTES ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Industrial Wastes; Oxidation; Textile Industry; Waste Treatment Economics; Waste Water Treatment -general; ...3.0307

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

Right-of-way -see Legal Study

COLLECTION, PROPAGATION, CULTURE AND EVALUATION OF PLANT MATERIALS ...Forest Environment -general; Nebraska; Noise; Plant Growth; Roads & Highways -see Highways; Snow and Ice Removal; Traffic Engineering; ...6.0039

PLANNING STANDARDS FOR APPLICATION WITH THE LAND USE ACTIVITY ALLOCATION MODEL (LUAAM) ...Land Use; Noise; Residential Buildings; Transportation; Transportation Management; Zoning; ...6.0056

Rio Grande River

MINIMIZING SOIL AND WATER POLLUTION FROM FERTILIZERS AND IRRIGATION WATERS--RIO GRANDE PLAIN ...Denitrification; Effluents - Waste Water; Groundwater; Soil Analysis; Soil Profile; ...2.0391

CHANNELIZATION STUDIES ...Channel Geometry; Fluid Mechanics; Reservoirs and Impoundments; Sedimentation; Sediments; Water Resources Protection; ...2.1062

River Basins

PREDICTION OF MINERAL QUALITY OF RETURN FLOW WATER FROM IRRIGATED LAND ...Computer Models; Effluents - Waste Water; Irrigation; Percolation (water); Soil Chemical Properties; Water Storage; ...2.0067

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography; Forecasting - Prediction; Land Use; New Jersey; Urban Environment; Urban Research; Water Pollution Sources; Water Utilization -domestic; ...2.0251

OPTIMAL RECREATIONAL DEVELOPMENT IN URBAN RIVERINE AREAS ...Costs -see Economics Entries; Industrial Wastes; Optimization, Economic; Reservoirs and Impoundments; Savings and Investment; Urban Environment; Urban Research -general; ...2.0346

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity -general; Productivity of Terrestrial; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Sampling; Types of Resources; Urban Research -general; Water Pollution Sources; ...2.0479

RIVER BASIN STUDY ...Arkansas River; Data Acquisition; Water Quality -general; ...2.0512

UPPER ST. JOHNS WATER QUALITY, FLORIDA ...Acidity (water); Florida; Mineralogical Water Properties; Pesticides -see Pesticide; Trace Elements; ...2.0549

PREDICTION MODELS FOR WATER QUALITY PARAMETERS ...Forecasting - Prediction; Operations Research; Systems Analysis - Water Mgmt; Water Standards & Baselines; ...2.0556

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Estuaries; Geology -general; Soil Tillage; Water Depth, Water Levels; Water Table; Wind; ...2.0558

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Missouri; Physical Water Properties; Taxonomy -animal; Water Quality -general; ...2.0659

SOURCES OF SEDIMENT IN A MOUNTAIN RIVER BASIN ...Mineralogy - Petrology; Sediments; Suspension; Tracers; ...2.0661

UTILIZATION OF THE STORAGE POTENTIAL OF RIVER VALLEY AQUIFERS ...Aquifers; Data Reduction and Analysis; Infiltration; Nebraska; Recharge (water); Water Quality -general; Water Storage; ...2.0665

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water); Animal Productivity; Chemical Water Properties; Ohio; Physical Water Properties; Systems Analysis - Water Mgmt; Taxonomy - plant; Water Pollutant Identification; ...2.0722

FLORISTIC AND FAUNISTIC SURVEY IN THE CUYAHOGA RIVER WATERSHED ...Algae -nonspecific; Aquatic Ecology - Animal; Fish; Ohio; Plant Freshwater Ecology; ...2.0732

HYDROGEOLOGY OF PUBLIC GROUND WATER SUPPLIES IN PENNSYLVANIA ...Chemical Analysis (water); Groundwater; Management (water); Potomac River; Susquehanna River; Water Yield; ...2.0753

SIMULATION OF WATER QUALITY IN STREAMS AND CANALS ...Biochemical Oxygen Demand; Flood Routing; Mineralogical Water Properties; Texas; ...2.0808

INSTRUMENTATION FOR ENGINEERING MANAGEMENT OF A MULTI-PURPOSE RIVER BASIN SYSTEM ...Automatic Data Aquisition; Data Acquisition; Flood Routing; Navigation; Texas; Water Quality -general; ...2.0814

MACROBENTHOS AS INDICATORS OF ECOLOGICAL CHANGE ...Aquatic Ecology - Animal; Benthic Fauna; Chemical Water Properties; Physical Water Properties; Water Pollutant Identification; ...2.0816

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Computer Models; Cybernetics; Development of Models; Land Use; Urban Environment; Urban Research -general; Watersheds; ...2.0822

RIVER BASINS - SOUTH FORK DAM ...Agricultural Studies - general; Dams -general; Irrigation; Model Studies; Platte River; ...2.0978

HYDRAULIC GEOMETRY AND LOW STREAMFLOW REGIMEN ...Dyes; Illinois; Streams; Water Purification; ...2.1012

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

POTOMAC RIVER BASIN PROJECT ...Alluvium - Alluvial; Drilling and Coring; Groundwater; Mapping; Water Table; ...2.1117

DEVELOPMENT OF CRITERIA FOR REGIONALIZATION OF WATER WASTES MANAGEMENT SYSTEMS ...Administrative Organizations; Management (water); Social Aspects; Waste Disposal-see Solid Waste; Water Costs; Water Standards & Baselines; ...2.1403

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Aquatic Plants -nonspecific; Fish; Fishing; Pollution Effects -see Water; Recreation, Water Resources; Spawn Or Nesting Sites; Water Pollution Effects; ...2.1471

ECOLOGICAL IMPACTS OF RECLAMATION PROJECTS ...Aquatic Ecology - Animal; Ecological Effects; Plant Freshwater Ecology; Reservoirs and Impoundments; Water Distribution Systems; ...2.1508

POLLUTION OF THE HUISME ...France; Water Quality -general; ...2.1535

EFFECTS OF POLLUTION, ESPECIALLY FROM FEEDLOTS, ON FISHES IN THE UPPER NEOSHO RIVER BASIN ...Animal Habitat Studies; Aquatic Ecology - Animal; Fish; Kansas; Pollution Effects -see Water; ...2.1557

WATER AND SEDIMENT, SUPPLY AND ACCUMULATION IN THE ESTUARY, ST. LOUIS BAY, MISSISSIPPI ...Bays; Estuaries; Marine Biology - General; Mississippi; Recreation, Water Resources; Sediment Yield; Sediments; ...2.1608

A SYSTEMS APPROACH FOR THE STUDY AND CONTROL OF FACTORS AFFECTING WATER POLLUTION ...Literature Search; Model Studies; Optimization, Economic; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Pollution Sources; Water Quality Control -general; ...2.1610

WATER QUALITY SURVEYS ...Animal Productivity; Missouri; Water Pollution Effects; Water Quality -general; ...2.1622

HYDROLOGIC INFLUENCES OF STRIP MINING, BEAVER CREEK, KENTUCKY ...Appalachia; Cumberland River; Kentucky; Small Watersheds; Strip Mines; ...2.1670

SIMULATION MODELING OF THERMAL EFFECTS ON SELECTED RIVER SYSTEMS ...Atomic Plants; Development of Models; Energy Conversion; Illinois River; Model Studies; Water Pollution Effects; ...2.1754

REGIONAL MODELING OF SURFACE WATER TEMPERATURES FROM PROJECTED POWER GROWTH ...Atomic Plants; Computer Models; Forecasting - Prediction; Mississippi River; Thermal Pollution; ...2.1760

PHYSIOLOGICAL EFFECTS OF SUBLETHAL LEVELS OF ACID WATER ON FISH ...Acidity (water); Bullheads; Contamination - Water; Fish & Shellfish Biology; Physiological Effects; Water Pollution Abatement; ...2.1773

WATER QUALITY MODEL DERIVED FROM SYSTEM ANALYSES ...Management (water); Model Studies; Optimization, Economic; Systems Analysis - Water Mgmt; Water Quality - general; ...2.1826

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Model Studies; Optimization, Economic; Pulp and Paper Wastes; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

THE ECONOMICS OF WATER SUPPLY AND QUALITY ...Benefit-cost Analysis; Estuaries; Water Pollution Abatement; Water Resources Planning; ...2.1847

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

A STUDY OF POTENTIAL INSTITUTIONAL ARRANGEMENTS FOR WATER POLLUTION CONTROL IN THE HUDSON-MOHAWK RIVER BASIN ...Administration and Management; Government -see Federal Gov.; Hudson River; Organizational Research; Water Quality -general; Water Resources Development; ...2.1878

STOCHASTIC MODELS FOR WATER RESOURCES MANAGEMENT ...Economic Theory; Management (water); Stochastic Models; Water Allocation; Water Resources Planning; Water Supply Augmentation; ...2.1879

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Confidence Intervals; Digital Computer Applications; Hudson River; Monte Carlo Methods; Optimization Technique; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

STUDY OF INSTITUTIONAL ARRANGEMENTS FOR MANAGEMENT OF REGIONAL SEWERAGE PLANS FOR THE TOCKS ISLAND REGION OF THE DELAWARE ...Delaware River; Interstate; Management (water); Sewer Systems; State Government; Water Resources Planning; ...2.1884

ENVIRONMENTAL CONSIDERATIONS IN LAND AND WATER USE PLANNING IN RIVER BASINS ...Land Use; North Carolina; Plant Ecology -nonspecific; Recreation, Water Resources; Types of Resources; Urban Environment; Water Resources Planning; ...2.1887

A SOCIO-ENVIRONMENTAL STUDY OF A RIVER VALLEY ...Costs -see Economics Entries; Mammals -nonspecific; Ohio; Social Aspects; Towns; ...2.1894

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Consumption; Development of Models; Floods; Land Use; Mathematical Models; Recreation, Water Resources; Statistical Models; Urban Research; ...2.1904

USE OF ADVANCED WATER RESOURCES PLANNING TECHNIQUES IN THE DEVELOPMENT OF REGIONAL WATER MANAGEMENT PROGRAMS ...Industrial Wastes; Model Studies; Systems Analysis - Water Mgmt; Water Quality - general; Water Resources Planning; ...2.1912

ATTITUDES, OPINIONS AND GOALS CONCERNING REGIONAL RESOURCE PLANNING AND DEVELOPMENT ...Attitudes & Attitude Change; Computer Methods -general; Economic Planning; Government -see Federal Gov.; Regional Economics; Vermont; ...2.1922

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT - A CASE STUDY OF THE WISCONSIN RIVER BASIN ...Administrative Organizations; Legal Studies; Management (water); Regional Or State Studies; Water Quality -general; Water Resources Planning; Wisconsin; ...2.1932

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Administrative Organizations; Economic Efficiency; Management (water); Regional Or State Studies; Water Quality Control -general; Water Resources Development; Wisconsin; ...2.1933

STUDY OF THE APPLICABILITY OF EFFLUENT CHARGES TO WATER QUALITY MANAGEMENT IN THE STATE OF WISCONSIN ...Economic Impact; Literature Search; Water Costs; Water Resources Planning; Wisconsin; ...2.1935

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; Water Costs; Water Rights; Water Utilization -general; ...2.1936

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

THE RELATIONSHIP BETWEEN THE USE OF AGRICULTURAL CHLORINATED HYDROCARBONS AND THEIR RESIDUES IN CHANNEL CATFISH ...Chemical Analysis; DDT; Fish; Land Use; Pesticides -see Pesticide; ...4.0754

THE UPTAKE OF DIELDRIN IN THE THREE RIDGED NAIAD, AMBLEMA PLICATA ...Aquatic Ecology - Animal; Dieldrin; Mollusca; Ohio River; Pollution Effects -see Water; Water Pollutant Identification; ...4.0808

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americum; Atomic Plants; Environment; Krypton; Mammals - nonspecific; Radioactive Pollution -ns; Water Pollutants - Path of; ...5.0073

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

River Plume

EXTENT OF LAKE ONTARIO POLLUTION CAUSED BY THE OSWEGO RIVER ...Aquatic Ecology - Animal; Ecological Effects; Lakes; Marine Environments; Pollution Effects -see Water; Range Or Territorial Distr.; Waste Dilution- Self Purifying; ...2.0272

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

REMOTE SENSING ...Bays; Lake Michigan; Mapping; Maps - general; Remote Sensing; Sediments; Thermal Pollution; ...2.0631

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Deltas; Electrical Properties; Marine Biology - General; Marine Environments; Radioactive Isotopes; Temperature; Trace Elements; Xray Diffraction; ...5.0068

Roads & Highways -see Highways

GEOCHEMICAL SURVEY OF THE VEGETATION OF MISSOURI ...Air Pollution; Air Pollution -see Specifics; Bioindicators; Missouri; Soil Chemical Properties; Soil Minerals -natural; ...1.0331

RELATIONSHIP OF LEAD IN THE AIR, SOIL AND PLANTS TO PROXIMITY TO HIGHWAY TRAFFIC ...Absorption (incl. Adsorption); Air Pollution -see Specifics; Cars; Lead; Soil Aeration; Soil Chemical Properties; Wind -see Air Motion; ...1.0368

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN MASSACHUSETTS ...Groundwater; Leaching; Massachusetts; Salinity (water); Soil Chemical Properties; Water Pollutants - Path of; ...2.0183

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Forecasting - Prediction; Forest Debris; Lumbering -general; Sediments; Solar Radiation -sunshine; ...2.0746

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Slope; Soil Moisture; Water Storage; ...2.1488

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Contamination - Soil; Mans Pollutional Activities; Plant Growth; Sandy Soils -see Soil Type; Soils; Water Supply -general; ...2.1742

CONSERVATION OF RESOURCES IN MUNICIPAL WASTES ...Bromacil; Cotoran; Pennisetum; Plant Residues, Humus, Compost; Soil - Crop Relationships, Soil Cover Crops; Trifluralin; ...3.0046

IMPROVED MARKETING PRACTICES AND MARKETS FOR LUMBER AND OTHER MANUFACTURED PRODUCTS OF EASTERN HARDWOODS ...Agricultural Economics; Consumption; Costs -see Economics Entries; Manufacturing; Mulches; Processing; Supply; Tsuga; ...3.0344

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species, Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Coronilla; Farm Animal Wastes; Fertilizer Industry; Mineral Nutrition; Soil Amendments; Soil Microbiology; Waste Disposal on Soils; ...3.0399

COLLECTION, PROPAGATION, CULTURE AND EVALUATION OF PLANT MATERIALS ...Forest Environment -general; Nebraska; Noise; Plant Growth; Right-of-way -see Legal Study; Snow and Ice Removal; Traffic Engineering; ...6.0039

Rock Mechanics - Geology

SAN FRANCISCO BAY SEDIMENTS ENGINEERING GEOLOGY STUDIES, CALIFORNIA ...California; Engineering Geology; Mineralogical Properties; Rocks - Bedrock; Sediment Thickness; Tectonic History - Mountains; Unconsolidated Deposits; ...2.0069

PALO ALTO, SAN MATEO, AND MONTARA MOUNTAIN 7.5-MIN. QUADRANGLES AND VICINITY, CALIFORNIA ...Borehole Geophysics; Data Acquisition; Environmental Geology; Surficial Geology Studies; ...2.1797

Rocky Mountain System

AEROBIOLOGICAL SURVEY IN THE NORTHERN ROCKY MOUNTAINS AND PLAINS ...Air Pollution -see Specifics; Biological Organisms; Contamination -see Air & Water; Montana; Pollens -see Air Pollution; Seasonal Distribution; Vertical Distribution; ...1.0070

LARGE IMPOUNDMENTS - PUEBLO RESERVOIR ...Arid and Desert Regions; Irrigation; Multiple Purpose Reservoirs; Water Properties -general; Water Quality -general; Water Supply -general; Water Utilization -industrial; ...2.1507

CHARACTERISTICS OF CRUDE OILS ...Alaska; Data & Statistics Info Storage; Fluid Properties; Wyoming; ...3.0410

STUDY OF THE CANCER EXPERIENCE OF NON-URANIUM HARD ROCK MINERS IN THE ROCKY MOUNTAIN AREA ...Environmental Carcinogenesis; Miners; Occupational Hazards; Radiation Sources -general; Respiratory Disease; ...5.0362

Rotors - Propellers

EVALUATION OF WASTE HANDLING SYSTEMS FOR HOUSED LARGE ANIMALS IN THE NORTH CENTRAL REGION ...Bos; Disposal; Farm Animal Wastes; Waste Type; ...3.0196

QUIET PROPELLER CONCEPT EVALUATION ...Noise; ...6.0012

INVESTIGATION OF NOISE GENERATION ON A HOVERING ROTOR ...Noise; Sound Attenuation Acoustics; ...6.0017

ENGINE AND PROPELLER NOISE ...Engines; Noise; Noise Abatement; Signal Analysis; Turbines; ...6.0019

Runoff (water)

INVESTIGATIONS OF MINERAL DEPOSITS THAT INFLUENCE WATER QUALITY ...Mine Drainage Control; Mineral Processing Industry; Water Pollution Sources; Water Quality -general; Water Supply -general; ...2.0048

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion, Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments, Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Location; Physical Properties; Rate of Deposition; Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Soil Analysis; Soil Radiation Emission; ...2.0216

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN ...Aquatic Distribution; Environmental Influences; Lower Plants; Phosphorus and Phosphorus Cpds; Phytoplankton; Taxonomy -plant; Water Quality -general; ...2.0274

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Fertilizers; Gulf of Mexico; Lead; Marine Geology; Nuclear Radiation; Radiochemical Analysis; Streams; ...2.0380

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Pliocene Epoch; Silting (water) -see Sediment; Water Bacteria; Water Pollution Sources; ...2.0386

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

AUTOMATED FORECAST PROCEDURES FOR RIVER QUALITY MANAGEMENT ...Automatic Data Aquisition; Forecasting - Prediction; Mathematical Models; Ohio River; Storm Water; Water Quality -general; ...2.0714

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacterial Pollutant Sources; Coliforms -nonspecific; Filtration; Foreign Agriculture; Hydrolysis, Esterification; Pilot Plants; Recharge (water); Sediments; Turbidity (water); ...2.1023

MATHEMATICAL MODEL OF STORM AND SANITARY INTERCEPTOR SYSTEM ...Flow Regulations; Mathematical Models; Mississippi River; Rainfall - Runoff Relationship; Sewer Interceptor Station; Storm Sewer Quantity; Storm Water; ...2.1048

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff; Arizona; Impaired Water Use; Irrigation; Parks; Turf; Waste Disposal on Soils; ...2.1156

IMPROVED EQUIPMENT AND OPERATING METHODS FOR POULTRY PROCESSING TO REDUCE WATER REQUIREMENTS ...Canning Wastes -see Food Proc.; Food Contamination; Food Engineering & Technology; Industrial Wastes; Poultry Industry; Water Conservation -general; ...2.1231

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources; Chemical Water Properties; Forecasting - Prediction; Mathematical Models; Planning; Rain; Soil Types -also See Specifics; Water Quality Control -general; ...2.1711

STOCHASTIC MODELS FOR WATER RESOURCES MANAGEMENT ...Economic Theory; Management (water); River Basins; Stochastic Models; Water Allocation; Water Resources Planning; Water Supply Augmentation; ...2.1879

PILOT PLANT FOR UNDERWATER STORAGE OF COMBINED SEWER OVERFLOW ...Pumps; Sewer Interceptor Station; Sewer Systems; Water Purification; ...3.0333

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Soil Moisture; Water Quality -general; ...4.0100

IDENTIFICATION AND DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND RUNOFF AND DRAINAGE WATERS. ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0199

RADIOECOLOGICAL EFFECTS OF FALLOUT ...Cesium; Gramineae -other; Grasslands; Leaching; Plants; Radioactive Fallout-cf Fallout; Water Cycle; ...5.0629

Agricultural Runoff

FATE OF TRACE-METALS (IMPURITIES) IN SUBSOILS AS RELATED TO THE QUALITY OF GROUND WATER ...Groundwater; Lakes; Soil Chemical Properties; Soil Fertility; Soil Organic Content; Soil Texture; Tension and Measurement; Water Pollutants - Path of; Water Wells; ...2.0004

IRRIGATION RETURN FLOW - NUTRIENT BALANCE ...Idaho; Nutrients; Pesticides -nonspecific; Salinity (water); Water Pollutants - Path of; ...2.0076

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Freezing & Below; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; Water Quality -general; ...2.0098

RURAL RUNOFF CONTROL ...Adsorption; Contamination - Water; Nutrients; Pesticides -nonspecific; Soil Chemical Properties; ...2.0111

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Biological Water Properties; Chemical Water Properties; Chlorine; Drainage; Fertilizers; Irrigation; Mineralogical Water Properties; Soil Chemical Properties; Temperature (water); Water Quality -general; ...2.0120

ROLE OF FERTILIZERS IN WATER POLLUTION ...Drainage; Fertilizers; Leaching; Tillage, Cropping Systems; Water Table - Depth of; ...2.0134

FATE OF SURFACE-APPLIED NITROGEN FERTILIZERS ...Fertilizer Losses; Microorganisms -nonspecific; Non-symbiotic N-fixation; Soil Microbiology; Water Pollutants - Path of; ...2.0141

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Erosion; Formation Principles; Infiltration; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types - also See Specifics; Tillage, Cropping Systems; ...2.0147

LIMNOLOGICAL FACTORS AFFECTING PESTICIDE RESIDUES IN SURFACE WATERS ...Chemical Water Properties; Eutrophication; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reservoirs and Impoundments; ...2.0150

POLLUTION LOADS IN RUNOFF FROM SMALL AGRICULTURAL WATERSHEDS ...Fertilizers; Herbicides -nonspecific; Pesticides -nonspecific; Pesticides -see Pesticide; Water Movement -general; ...2.0174

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Energy Budgets; Forest Environment - general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

DEVELOPMENT OF A MATHEMATICAL MODEL TO PREDICT THE ROLE OF SURFACE RUNOFF AND GROUND WATER FLOW IN OVERFERTILIZATION OF SURFACE WATERS ...Eutrophication; Groundwater; Mathematical Models; Minnesota; Phosphorus and Phosphorus Cpds; Water Balance - Budget; ...2.0208

RELATION OF AGRICULTURAL PRACTICES AND NATURAL VEGETATION TO NUTRIENT CONTENT OF WATERS ...Management (water); Plant Residues, Humus, Compost; Rainfall Simulators; Water Pollutants - Path of; ...2.0209

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

ISOTOPES IN THE BIOSPHERE ...Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

NITRATES IN PLANTS AND WATER SUPPLIES FROM NITROGEN FERTILIZATION ...Clay Soils; Groundwater; Soil Depth; Soil Types -also See Specifics; Water Wells; ...2.0223

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Bench Leveling - see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Bos; Contamination - Soil; Farm Animal Wastes; Groundwater; Snowmelt Runoff; Soil Microbiology; Urine; Water Pollutants - Path of; ...2.0242

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER;QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Erosion; Forecasting - Prediction; Leaching; Model Studies; Nitrogen and Nitrogen Cpds.; Rain; Soil Moisture; Temperature - Air; ...2.0250

CANADARAGO LAKE EUTROPHICATION STUDY ...Biological Water Properties; Data Acquisition; New York; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Soil Tillage; Urban Runoff; ...2.0256

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Algal Pollutant Sources; Erosion; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

ROLE OF ANIMAL WASTES IN AGRICULTURAL LAND RUNOFF ...Agricultural Watersheds; Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Small Watersheds; Soil Tillage; Water Quality -general; ...2.0293

WATER CONTAMINATION BY FERTILIZER NITROGEN AND PHOSPHORUS ...Fertilizers; Nitrogen and Nitrogen Cpds.; North Carolina; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Subsurface Runoff; ...2.0294

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Aldrin; Contamination - Water; Drainage, Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

STRIP-MINING AND WATER QUALITY ...Acidity (water); Chemical Analysis (water); Coal; Erosion; Mine Wastes; Rainfall Simulators; Spoil Banks; Thermal Poll. -see Water Poll.; ...2.0309

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Atomic Absorption; Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Radiochemical Analysis; Soil Chemical Properties; Water Pollutants - Path of; Water Quality -general; ...2.0314

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Climates -general; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality -general; ...2.0349

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Conservation -see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

POLLUTION POTENTIAL OF RUNOFF FROM LIVESTOCK FEEDING OPERATIONS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Coliforms -nonspecific; Livestock - nonspecific; Precipitation; South Dakota; ...2.0361

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Farm Pond; Great Plains Province; Precipitation; Precipitation Gages; Sediment Yield; Soil Texture; Survey Studies (water); ...2.0366

WATER QUALITY HYDROLOGY OF LANDS RECEIVING FARM ANIMAL WASTES ...Bos; Farm Animal Wastes; Plowing; Waste Disposal on Soils; ...2.0379

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Climates -general; Conservation -see Soil Conser.; Land Use; Sediment Yield; Small Watersheds; Soil Cover Crops; Thunderstorms; ...2.0387

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Chemical Analysis; Depth (water); Fish; Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering -geologic; ...2.0566

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Channels; Drainage; Eutrophication; Fish; Pesticide Residues; Pesticides -see Pesticide; Reservoirs and Impoundments; Turbidity (water); ...2.0653

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

GROUND AND SURFACE WATERS - POLLUTION ...Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Atrazine; Fertilizers; Irrigation; Leaching; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Tillage, Cropping Systems; ...2.0725

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...BHC; DDE; Dieldrin; Fish; Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

GEOCHEMISTRY OF WATERS OF THE HOG CREEK BASIN - HAMILTON, CORYELL, AND BOSQUE COUNTIES, TEXAS ...Animal Pollutant Sources; Chemical Water Properties; Geology -general; Plant Pollutants; Soil Fertility; Texas; ...2.0826

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Chemical Analysis -general; Farm Animal Wastes; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Moisture; Soil Organic Content; Sprinkler Irrigation; Water Table; ...2.0994

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Contamination; Effluents - Waste Water; Feces; Lagoon; Soil Chemical Properties; Soil Filters; Soil Structure -other; Waste Disposal on Soils; ...2.1017

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Artificial Recharge; Drainage; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Irrigation Engineering; Recharge Pits - Wells (water); Soil Profile; ...2.1026

ANIMAL WASTE UTILIZATION FOR POLLUTION ABATEMENT ...Farm Animal Wastes; Livestock -nonspecific; Soil Microbiology; Waste Disposal on Soils; ...2.1053

DISPOSAL OF SLUDGE FROM ACID MINE DRAINAGE TREATMENT PLANTS ...Acid Mine Wastes; Aeration (water); Infiltration; Neutralization; Sprinkler Irrigation; Waste Disposal-see Solid Waste; ...2.1090

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Arizona; Impaired Water Use; Irrigation; Parks; Runoff (water); Turf; Waste Disposal on Soils; ...2.1156

MICROBIAL TRANSFORMATION OF POULTRY LITTER AND ITS RELATION TO WATER POLLUTION ...Cellular Catabolism-see Degrad; Groundwater; Nitrogen Bacteria; Soil Microbiology; ...2.1232

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated; Artificial Recharge; Chemical Water Properties; Hawaii; Land Use; Primary Treatment; Storm Water; Urban Runoff; Water Standards & Baselines; ...2.1239

CATTLE FEEDLOT WASTE WATER TREATMENT ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Lagoon, Sewage Lagoons; ...2.1274

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Glaciology, Groundwater; Lysimeters; Ponds; Soil Moisture, Soil Types -also See Specifics; Till; Water Pollutants - Path of; ...2.1285

DEVELOPMENT AND DEMONSTRATION OF METHODS FOR TREATMENT OF DAIRY FARM WASTEWATERS ...Animal Wastes - Feed Lots; Benefit-cost Analysis; Biological Treatment-general; Rainfall - Runoff Relationship; ...2.1292

FORAGE CROP IRRIGATION WITH OXIDATION POND EFFLUENT ...Coliforms -nonspecific; Furrow Irrigation; Mississippi; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sorghum; Storm Water; Water Table; ...2.1316

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Groundwater; Mineralogical Water Properties; Sprinkler Irrigation; Water Application Methods; Water Quality Control -general; ...2.1418

INVESTIGATION OF RICE IRRIGATION RETURN FLOWS - TEXAS COASTAL PRAIRIE REGION ...Fertilizers; Irrigation; Pesticides -nonspecific; Soil Fertility; Water Quality -general; ...2.1421

DEVELOPMENT OF SYSTEMS FOR GROUND WATER RECHARGE INTO THE OGALLALA FORMATION ...Filtration; Playas; Ponds; Specific Rock Unit; Texas; ...2.1430

MINE SPOIL POTENTIALS FOR WATER QUALITY AND CONTROLLED EROSION ...Drilling and Coring; Mineralogical Properties; Strip Mines, Weathering Products, ...2.1452

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

EFFECTS OF FEEDLOT RUNOFF ON FISH FOOD ORGANISMS IN THE COTTONWOOD RIVER ...Aquatic Ecology - Animal; Bottom Sampling; Fish and Shellfish; Industrial Wastes; Kansas; Water Pollutant Identification; ...2.1558

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

THE ROLE OF SOIL IN FARM WASTE MANAGEMENT ...Farm Pond; Sediments; Soil Chemical Properties; Soil Organic Content; ...3.0001

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general, Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Economic Feasibility; Flume Studies; Irrigation; Planting Methods; Rock - Soil Pollution; Soil Chemical Properties; Soil Profile; Waste Disposal on Soils; ...3.0008

STABILIZATION OF ORGANIC WASTES FROM CATTLE FEEDLOTS IN SEMI-ARID CLIMATES BY COMPOSTING TECHNIQUES ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Bos; Farm Animal Wastes; Semi - Arid Regions; ...3.0012

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Farm Animal Wastes; Irrigation; Taste & Odor of Water; Waste Treatment Economics; Water Pollution Sources; ...3.0060

CATTLE FEEDLOT WASTE AND AIR AND WATER POLLUTION ...Animal Wastes - Feed Lots; Bos; Chlortetracycline; Farm Animal Wastes; Hydrographs; Process Design; ...3.0092

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

FARM ANIMAL WASTE DISPOSAL ...Clay Soils; Farm Animal Wastes; Irrigation; Livestock -nonspecific; Poultry -nonspecific; Silty Soils; Soil Types -also See Specifics; Waste Disposal on Soils; Zea Mays - Field Corn; ...3.0147

FARM ANIMAL WASTE DISPOSAL ...Bos; Irrigation; Rainfall - Runoff Relationship; Soil Fertility; Water Wells; ...3.0148

DEMONSTRATION AND DEVELOPMENT OF FACILITIES FOR THE TREATMENT AND ULTIMATE DISPOSAL OF CATTLE FEEDLOT WASTES ...Animal Wastes - Feed Lots; Rainfall - Runoff Relationship; Sewage Lagoons; Sprinkler Irrigation; Waste Disposal on Soils; ...3.0149

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Bos; Farm Animal Waste; Poultry -nonspecific; Waste Disposal on Soils; ...3.0156

IMPROVE METHODS, EQUIPMENT & FACILITIES FOR HANDLING WASTE MATERIAL FROM LIVESTOCK MARKETS & FEEDLOT ...Costs -see Economics Entries; Farm Animal Wastes; Lagoon; Taste & Odor of Water; Water Costs; ...3.0203

EVALUATION OF MEAT ANIMAL HOUSING SYSTEMS IN RELATION TO POLLUTION ...Animal Wastes - Feed Lots; Dust; Farm Structures & Design; Groundwater; Space Requirements; Wind -see Air Motion; ...3.0209

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

EVALUATION OF BEEF FEEDLOT WASTE MANAGEMENT ALTERNATIVES ...Animal Wastes - Feed Lots; Beef Industry; Bos; Farm Animal Wastes; ...3.0272

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Chlorine; Contamination - Soil; Farm Animal Wastes; Groundwater; Playas; Rock - Soil Pollution; Soil Microbiology; Sorghum; Water Pollutants - Path of; ...3.0320

CHARACTERISTICS OF WASTE FROM SOUTHWESTERN CATTLE FEEDLOTS ...Animal Wastes - Feed Lots; Applied Climatology; Bos; Farm Animal Wastes; Management (water); Slope; Southwest U. S.; ...3.0321

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Animal Wastes - Feed Lots; Farm Animal Wastes; Poultry -nonspecific; Sewage Lagoons; Staphylococcus Epidermidis; ...3.0348

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Aldrin; DDT; Endrin; Eptam; Filtration; Pesticide Formulation; Pesticide Residues Removal; Ponds; Rural Areas; ...4.0034

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Petticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Bays; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Climates - general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Arsenic; Atrazine; Bioassay; Cotoran; Leaching; Mams; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality - general; ...4.0180

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Degradation -see Pesticide Deg; Drainage; Endrin; Floods; Pesticide Residues; Saccharum; Water Pollutants - Path of; Water Table - Depth of; ...4.0115

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides - see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Bioassay; Colloids; Pesticide Formulation; Pesticide Persistance in Soils; Pesticide Residues; Plant Tissue Analysis -chem.; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Chemical Tillage Or Nontillage; D, 2,4-; Panicum - other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Tillage; Zea Mays - Field Corn; ...4.0445

FACTORS INFLUENCING THE EFFECTIVENESS OF HERBICIDES ...Betulaceae; Diuron; Irrigation; Pesticide Evaluation; Plant Growth Regulators -ns-; Soil Types -also See Specifics; ...4.0453

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Atrazine; Dichlobenil; Groundwater; Pesticide Legal Aspects; Pesticide Persistance in Soils; Soil Chemical Properties; Terbacil; Water Pollutants - Path of; ...4.1091

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides - see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

INTERFERING SOIL CONSTITUENTS IN DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND WATER ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticides -nonspecific; Pesticides -see Pesticide; Soil Chemical Properties; Soil Types -also See Specifics; ...4.1131

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

CHARACTERIZATION OF SOIL & VEGETATION TO SERVE AS A BASIS FOR FUTURE EVALUATIONS OF RADIOACTIVE CONTAMINATION EFFECTS (ABBREV) ...Absorption (incl. Adsorption); Chemical Extraction; Diquat; Paraquat; Radioactive Fallout; Soil Water Plant Relationships; Water Pollutants - Path of; ...5.0570

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Climates - general; Elevation Levels, Altitude; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

Rainfall - Runoff Relationship

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Soil Tillage; Storm Sewer Quantity; Suspension; Urban Runoff; Water Reuse; Watersheds; ...2.0019

EUTROPHICATION OF SURFACE WATERS - LAKE TAHOE ...Effluents - Waste Water; Eutrophic Lakes; Eutrophication; Lake Tahoe; Nutrients; Waste Water Treatment -general; ...2.0034

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHERN CALIFORNIA ...Bed Load; Channels; Gully Or Channel Erosion; Sediment Yield; Stream Banks; Streams; ...2.0037

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Forest Watersheds; Hydrographs; Piedmont Province; Slope; Soil Density; Soil Moisture; Water Table; ...2.0113

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles; Infiltration; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types -also See Specifics; Tillage, Cropping Systems; ...2.0147

EFFECT OF URBANIZATION ON WATER QUALITY ...Acidity (water); Chlorine; Kansas; Urban Environment; Urban Runoff; Water Quality -general; ...2.0155

RELATION OF AGRICULTURAL PRACTICES AND NATURAL VEGETATION TO NUTRIENT CONTENT OF WATERS ...Agricultural Runoff; Management (water); Plant Residues, Humus, Compost; Rainfall Simulators; Water Pollutants - Path of; ...2.0209

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Reservoirs and Impoundments; Sedimentation, Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Contamination - Soil; Farm Animal Wastes; Groundwater; Snowmelt Runoff; Soil Microbiology; Urine; Water Pollutants - Path of; ...2.0242

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.9288

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers, Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0397

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0368

SELECTED URBAN STORM WATER RUNOFF ABSTRACTS ...Catalogs, Tables, Compilations; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0344

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages; Storm Sewer Quantity; Urban Environment; Water Quality -general; ...2.0385

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Agricultural Runoff; Climates -general; Conservation -see Soil Conserv.; Land Use; Sediment Yield; Small Watersheds; Soil Cover Crops; Thunderstorms; ...2.0387

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control; Flood Routing; Forecasting - Prediction; Land Use; Mathematical Models; Rain Amount; Sediment Yield; Texas; ...2.0388

A MULTI-PHASIC COMPONENT STUDY TO PREDICT STORM WATER POLLUTION FROM URBAN AREAS ...Benefit-cost Analysis; Forecasting - Prediction; Storm Water; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...3.0531

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Subsurface Runoff; Water Pollutant Identification; Weathering -geologic; ...2.0566

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Economic Theory; Hydrographs; Mathematical Analysis; Prediction; Rural Areas; Storm Sewer Quantity; Urban Research -general; ...2.0619

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Drainage Systems; Flood Control Planning; Floods, Michigan; Rain; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0626

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research - general; ...2.0811

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

MATHEMATICAL MODEL OF STORM AND SANITARY INTERCEPTOR SYSTEM ...Flow Regulations, Mathematical Models; Mississippi River; Sewer Interceptor Station, Storm Sewer Quantity; Storm Water; ...2.1048

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

ESTABLISHING GUIDES FOR COORDINATING URBAN PLANNING AND THE DESIGN, ENGINEERING, AND CONSTRUCTION OF URBAN STORM RUN-OFF SYSTEMS ...Erosion; Floodplains; Urban Environment; Urban Planning; Water Pollution Abatement; Water Resources Planning; ...2.1130

DEVELOPMENT AND DEMONSTRATION OF METHODS FOR TREATMENT OF DAIRY FARM WASTEWATERS ...Agricultural Runoff; Animal Wastes - Feed Lots; Benefit-cost Analysis; Biological Treatment-general; ...2.1292

COMBINED STEEL MILL AND MUNICIPAL WASTEWATERS TREATMENT ...Industrial Wastes; Iron and Steel Industry; Ohio River; Sewage - Domestic; Sewage Treatment Plant; Water Pollution Sources; Water Standards & Baselines; ...2.1454

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction, Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

STUDY OF POSSIBLE EFFECTS OF STRIP COAL MINING ON THE HYDROLOGICAL REGIMEN IN EASTERN MONTANA ...Coal; Groundwater; Mine Wastes, Montana; Soil Tillage; Water Pollution Sources; Water Storage; ...2.1630

HYDROLOGY OF SMALL MOUNTAIN STREAMS ...Flow Characteristics (water); Forest Debris; Hydrographs; Lumbering - general; Pulp and Paper Wastes; ...2.1680

WATER RESERVOIR SYSTEMS ...Atmosphere Disturbance; Flood-flow Design; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Storage; ...2.1786

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics, Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

BALANCED STORM DRAINAGE ...Drainage; Inlets; Sewer Systems; Storm Sewer Quantity; Storm Water; ...2.1833

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Easements - Right of Ways; Land Use; Pennsylvania; Storm Water; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1906

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots; Contamination Soil; Cynodon; Farm Animal Wastes; Fertilizer Toxicity; Groundwater; Rain; Soil Chemical Properties, Waste Disposal on Soils; ...3.0005

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff, Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Bos; Irrigation; Soil Fertility; Water Wells; ...3.0148

DEMONSTRATION AND DEVELOPMENT OF FACILITIES FOR THE TREATMENT AND ULTIMATE DISPOSAL OF CATTLE FEEDLOT WASTES ...Agricultural Runoff; Animal Wastes - Feed Lots; Sewage Lagoons; Sprinkler Irrigation; Waste Disposal on Soils; ...3.0149

WASTE MANAGEMENT, CONTROL, AND DISPOSAL IN MIDWEST BEEF FEEDLOTS ...Animal Wastes - Feed Lots; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Storm Water; Waste Water Treatment -gencral; ...3.0212

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Contamination - Soil; Farm Animal Wastes; Groundwater; Playas; Rock - Soil Pollution; Soil Microbiology; Sorghum; Water Pollutants - Path of; ...3.0320

SOIL TREATMENT OF CATTLE FEEDLOT RUNOFF ...Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Waste Disposal on Soils; Water Quality Control -general; ...3.0322

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels, Altitude; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Soil Cover Crops; Streams; ...6.0041

Snowmelt Runoff

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Contamination - Soil; Farm Animal Wastes; Groundwater; Soil Microbiology; Urine; Water Pollutants - Path of; ...2.0242

Subsurface Runoff

WATER CONTAMINATION BY FERTILIZER NITROGEN AND PHOSPHORUS ...Agricultural Runoff; Fertilizers; Nitrogen and Nitrogen Cpds.; North Carolina; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; ...2.0294

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Water Pollutant Identification; Weathering -geologic; ...2.0566

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

FURTHER STUDIES OF INFILTRATION ...Disposal; Drainage; Groundwater; Infiltration; Saturated- Unsaturated Soils; Waste Water Treatment -general; ...2.1183

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Water Table; Zea Mays - Field Corn; ...3.0299

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water; Infiltration; Organic Water Properties; Pilot Plants; Safety -see Farm Safety; South Carolina; Waste Management -see Specific; Water Purification; ...3.0310

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

Urban Runoff

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Water Pollution Effects; ...1.0354

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Suspension; Water Reuse; Watersheds; ...2.0019

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Management (water); Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Urban Environment; Water Balance - Budget; ...2.0108

RELATIVE LEACHING RATES OF COMMON NITROGEN CARRIERS FROM SANDY SOILS ...Biological Effects; Eutrophic Lakes; Florida; Nutrients; Sandy Soils -see Soil Type; ...2.0109

EFFECT OF URBANIZATION ON WATER QUALITY ...Acidity (water); Chlorine; Kansas; Rainfall - Runoff Relationship; Urban Environment; Water Quality -general; ...2.0155

CANADARAGO LAKE EUTROPHICATION STUDY ...Agricultural Runoff; Biological Water Properties; Data Acquisition; New York; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Soil Tillage; ...2.0256

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

SELECTED URBAN STORM WATER RUNOFF ABSTRACTS ...Catalogs, Tables, Compilations; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; ...2.0344

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Water Quality -general; ...2.0385

NUTRIENT ENRICHMENT OF RUN-OFF WATERS BY SOILS. ENRICHMENT POTENTIAL OF URBAN SOILS IN THE CITY OF MADISON ...Forecasting - Prediction; Nutrients; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Urban Environment; Wisconsin; ...2.0454

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction, Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Sampling; Types of Resources; Urban Research -general; Water Pollution Sources; ...2.0479

A METHOD FOR ASSESSING THE EXTENT OF POLLUTION FROM STORMWATER RUNOFF FROM AN URBAN AREA ...Benefit-cost Analysis; Sewer Systems; Storm Sewer Quantity; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0490

A MULTI-PHASIC COMPONENT STUDY TO PREDICT STORM WATER POLLUTION FROM URBAN AREAS ...Benefit-cost Analysis; Forecasting - Prediction; Rainfall - Runoff Relationship; Storm Water; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0531

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Economic Theory; Hydrographs; Mathematical Analysis; Prediction; Rural Areas; Storm Sewer Quantity; Urban Research -general; ...2.0619

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Drainage Systems; Flood Control Planning; Floods; Michigan; Rain; Storm Sewer Quantity; Urban Environment; ...2.0626

URBAN RUNOFF CHARACTERISTICS ...Mathematical Models; Ohio; Sewer Systems; Storm Sewer Quantity; Urban Environment; ...2.0720

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research - general; ...2.0811

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Water Costs; Water Quality Control - general; Water Storage; ...2.1038

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated; Artificial Recharge; Chemical Water Properties; Hawaii; Land Use; Primary Treatment; Storm Water; Water Standards & Baselines; ...2.1239

WATER RESERVOIR SYSTEMS ...Atmosphere Disturbance; Flood-flow Design; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Water Storage; ...2.1786

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Easements - Right of Ways; Land Use; Pennsylvania; Storm Water; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1906

Rural Areas

NUMERICAL MODEL OF THE URBAN ATMOSPHERE ...Advection; California; Humidity - Water Vapor; Mesometeorology; Urban Environment; ...1.0007

METEOROLOGY FOR NUCLEAR REACTORS ...Atmospheric Dynamics; Automatic Weather Stations; Fluid Mechanics; Ohio; Radioactivity; Urban Research -general; ...1.0027

URBAN CLIMATOLOGY ...Climatography; Microclimates; Minnesota; Precipitation Amount; Rain; Temperature; Urban Research -general; Weather Data; ...1.0067

CHANGING VEGETATION AND ATMOSPHERIC POLLEN ...Air Pollution -see Specifics; Economics of Natural Resources; Lakes; Plant Competition; Pollen -see Pollen; Urban Environment; Wind -see Air Motion; ...1.0076

TRAVELS OF AIRBORNE POLLEN ...Air Pollution; Air Pollution -see Specifics; Atmospheric Dynamics; Engineering Sources-other; Mathematical Models; Pollen -see Pollen; Range Or Territorial Distr.; Urban Environment; ...1.0079

CHRONIC LUNG DISEASE IN NEW GUINEA POPULATIONS ...Air Pollution -see Specifics; Fungi -nonspecific; Respiratory Disease; ...1.0169

A BIOLOGIC INDICATOR FOR AIR POLLUTION ...Air Pollution -see Specifics; Caviidae; Environmental Effects - Human; Occupational Hazards; ...1.0317

PENNSYLVANIA POWER PLANT STUDY ...Air Pollution-chemistry; Farm Pond; Industrial Pollution -general; Lead; Pinus Strobus; Power Plants -see Specifics; Sulfur Dioxide; Wind -see Air Motion; ...1.0407

SPREADING OF LEAD IN RURAL AREAS ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Food Contamination; Lead; Toxic Substances; Water Pollutants - Path of; X-ray Spectroscopy; ...1.0703

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Baseflow; Forecasting - Prediction; Model Studies; Reservoirs and Impoundments; Soil Chemical Properties; Waste Disposal on Soils; Water Table; ...2.0046

NUTRIENT EXCHANGE IN RIVERS AND LAKES ...Agricultural Watersheds; Eutrophic Lakes; Nutrients; Urban Environment; Water Pollution Sources; ...2.0085

RURAL RUNOFF CONTROL ...Adsorption; Contamination - Water; Nutrients; Pesticides -nonspecific; Soil Chemical Properties; ...2.0111

CHEMICAL TRANSFORMATION, GRAND TRAVERSE BAY, LAKE MICHIGAN ...Bays; Chemical Water Properties; Lake Michigan; Urban Environment; Water Pollutants - Path of; ...2.0193

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

MINERAL ANALYSIS OF WATER ...Acidity (water); Chemical Analysis (water); Groundwater; Mineralogical Water Properties; Water Quality Control -general; ...2.0480

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbances; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Economic Theory; Hydrographs; Mathematical Analysis; Prediction; Storm Sewer Quantity; Urban Research -general; ...2.0619

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling; Chlorine; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics -general; Size; ...2.0776

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

IMPROVEMENT OF ANALYTIC AND FEEDING METHODS FOR FLUORIDES ...Fluoridation; Fluorine; Potable Water; ...2.0902

WASTE WATER DISPOSAL SYSTEMS FOR DEVELOPING UNSEWERED AREAS ...Connecticut; Home Waste Disposal Units; Leaching; Septic Tanks; Sewage - Domestic; Soil Moisture; ...2.1203

A SYSTEM APPROACH FOR INTEGRATING GROUNDWATER AND SURFACE-WATER USE ...California; Groundwater; Systems Analysis - Water Mgmt; Waste Water Treatment - general; Water Quality -general; Water Utilization -general; ...2.1787

A SOCIO-ENVIRONMENTAL STUDY OF A RIVER VALLEY ...Costs -see Economics Entries; Mammals -nonspecific; Ohio; River Basins; Social Aspects; Towns; ...2.1894

WASTE DISPOSAL IN RURAL AREAS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Connecticut; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Septic Tanks; Waste Disposal on Soils; Water Pollutant Identification; ...3.0098

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bos; Drainage; Effluents - Waste Water; Lysimeters; Sewage; Soil Aeration; Soil pH; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Endrin; Eptam; Filtration; Pesticide Formulation; Pesticide Residues Removal; Ponds; ...4.0034

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Urban Environment; Water Pollution Sources; ...4.0065

USE AND MISUSE OF PESTICIDES ...Consumer Attitudes- Pesticides; Pesticide Industry; Pesticides -nonspecific; Urban Environment; ...4.1029

HASTY RURAL SHELTERS AND IMPROVISED LIFE-SUPPORT EQUIPMENT ...Building Construction; Building Design; Fission Products-see Radioact.; Pumps; ...5.0934

Rural Sociology

ENVIRONMENT AND HUMAN RESPONSE ...Air Pollution -see Specifics; Economics of Natural Resources; Recreation, Water Resources; Regional Economics; Urban Planning; ...1.0495

DETERMINE METHODS OF DIFFUSION OF IDEAS AND DO FURTHER DEPTH ANALYSIS OF DIFFUSION PROCESS ...Consumer Attitudes- Pesticides; Pesticide Industry; Pesticides - nonspecific; Soil Fertility; ...4.0946

Russia

LITERATURE RESEARCH ON WATER QUALITY REQUIREMENTS AND TOXICOLOGY OF FISHES ...Contamination - Water; Fish; Marine Animals; Water Quality -general; ...2.1679

CIVIL DEFENSE IN THE SOVIET UNION ...Civil Defense; ...5.0932

Sacramento River

WATER QUALITY AND NUTRIENTS, SACRAMENTO-SAN JOAQUIN RIVER SYSTEM ...Animal Productivity; California; Eutrophication; Fish; Nutrients; Organic Water Properties; Plankton; Tides; ...2.0041

Safety -see Farm Safety

AQCR ASSISTANCE - EMERGENCY EPISODE PROCEDURES ...Combustion; Exhaust, Combustion -see Auto; Fuels; Furnace and Incinerator Design; ...1.0618

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water; Infiltration; Organic Water Properties; Pilot Plants; South Carolina; Waste Management -see Specific; Water Purification; ...3.0310

Hazardous Materials

LASER RADIATION IN PHOTOCHEMISTRY AND PHOTOBIOLOGY ...Dyes -nonspecific; Flash; Laser Effects - bioeffects; Photochemical Reactions; Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0387

Leakage

EFFECT OF NATURAL GAS ON SOIL ECO-SYSTEMS IN AN URBAN ENVIRONMENT ...Air Pollution -see Specifics; Fuels; Soil Analysis; Urban Environment; ...1.0393

UNIT OPERATIONS STUDIES - WHITE PHOSPHORUS AND WASTE CONTROL ...Chemical Manufacturing Wastes; Detectors and Sensors; Effluent-standards; Phosphorus and Phosphorus Cpds; ...3.0027

Safety Design - Radioisotopes

CHROMATOGRAPHIC SEPARATION OF URANIUM AND PLUTONIUM FROM REPROCESSING PLANT LIQUID WASTE ...Chromatography; Detectors and Sensors; Energy Conversion; Nuclear Radiation; Photometry; Radioactive Isotopes; Waste Management -see Specific; ...5.0080

Impact on Environment

PROVIDE INFORMATION ON EMISSIONS FROM NUCLEAR FACILITIES ...Air Pollution Monitoring; Atomic Plants; Radioactivity; ...1.0095

MICROFLORA IN THE SURROUNDINGS OF REACTORS, IRRADIATION PLANTS, & OTHER AREAS WITH A HIGH LEVEL OF IRRADIATION OVER A LONG DURATION (ABBREV) ...Air Pollution Sampling; Microorganisms; Microorganisms -nonspecific; Nuclear Reactors; Radiation; Radiation Sensitivity -man; Radiation Sources -general; ...5.0026

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate, Dose Fractionation; Dosimetry; Fluorine; Ionizing Rauiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies - general; Water Pollution Sources; ...5.0081

Waste Disposal

UNDERSTANDING OF THE INFILTRATION OF RAIN INTO BURIED WASTE ...Burial; Leaching; Soil Moisture; Water Pollution Sources; ...2.0357

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies; Atomic Plants; Effluents - Waste Water; Environmental Physiology; Invertebrate Physiology; Nuclear Reactors; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1708

TREATMENT AND DISPOSAL OF CONDENSATE WASTES FROM HIGH LEVEL WASTE SOLIDIFICATION PROCESSES ...Atomic Plants; Crystallization; Distillation; Fuel; Nuclear Reactors; Temperature Effects; Waste Management -see Specific; ...3.0339

RADIATION PROTECTION AND MEASUREMENT ...Disposal Methods; Food Contamination; Neutron -see Radiation; Particle Accelerators; Radiation Shielding; Radioactive Isotopes; Strontium; X and Gamma Rays; ...5.0808

RADIATION SAMPLING IN ANTARCTICA ...Antarctica; Atomic Plants; Energy Conversion; Nuclear Reactors; Spectrographic Techniques; Water Pollution Sources; ...5.0810

Salinity (water)

RIVER MURRAY SALINITY (SPECIAL PROGRAMME) ...Australia; Data Acquisition; Flow Characteristics (water); Saline Water Intrusion; Water Quality Control -general; ...2.0025

STUDY OF KEY WEST DESALTING PLANT EFFLUENT ...Alkalinity (water); Contamination - Water; Desalination Wastes; Florida; Physical Effects; ...2.0053

LARGE IMPOUNDMENTS - EUTROPHICATION OF LAS VEGAS BAY, LAKE MEAD ...Arid and Desert Regions; Data Acquisition; Nevada; Water Quality Control -general; ...2.0064

IRRIGATION RETURN FLOW - NUTRIENT BALANCE ...Agricultural Runoff; Idaho; Nutrients; Pesticides -nonspecific; Water Pollutants - Path of; ...2.0076

ORGANIC DEBRIS ON CONNECTICUT BEACHES AND SHORES ...Bacterial Identification; Cellular Catabolism-see Degrad; Connecticut; Marine Plants; Organic Matter; Physical Water Properties; ...2.0084

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality - general; Water Table - Depth of; ...2.0096

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AS AFFECTED BY IRRIGATION ...Aquifers; Chemical Analysis (water); Fertilizers; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.0121

THE COLIFORM BACTERIA, PLANKTON, & RELATED PHYSICO-CHEMICAL FACTORS IN LAKE PONTCHARTRAIN AT NEW ORLEANS, LA ...Acidity (water); Bottom Sampling; Louisiana; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Sediments; Water; ...2.0164

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN MASSACHUSETTS ...Groundwater; Leaching; Massachusetts; Soil Chemical Properties; Water Pollutants - Path of; ...2.0183

SALT POLLUTION OF GROUNDWATER ...Artificial Recharge; Fluid Mechanics; Fresh Water; Groundwater Movement; Management (water); Saline Water Intrusion; ...2.0225

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Evaporation; Montana; Oxygen Content (water); Phytoplankton; Productivity of Freshwater; Stratification (water); Wyoming; ...2.0233

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Water Cycle; Zinc; ...2.0281

SEDIMENT MINERALOGY ...Adsorption Capacity; Animal Productivity; Contamination - Water; Environmental Ecology; Marine Biology - General; Mineralogy; Ponds; Vertical Distribution; Zinc; ...2.0284

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Contamination - Water; Data Acquisition; Fish; Marine Pollution; Oregon; Pollution Effects -see Water; Temperature (Water); ...2.0335

DELAWARE ESTUARY SEDIMENTATION STUDY ...Adsorption Capacity; Estuaries; Location; Rate of Deposition; Sand Bars; Sediment Yield; Shoreline Geomorphology; Streams; Supply Rate; ...2.0342

MINIMIZING SOIL AND WATER POLLUTION FROM FERTILIZERS AND IRRIGATION WATERS--RIO GRANDE PLAIN ...Denitrification; Effluents - Waste Water; Groundwater; Rio Grande River; Soil Analysis; Soil Profile; ...2.0391

RADIOECOLOGY OF THE KUCUK CEKMECE LAGOON ...Aquatic Ecology - Animal; Biological Effects; Contamination - Water; Energy Conversion; Lagoons; Radioactive Isotopes; Sediments; Water Pollutants - Path of; ...2.0392

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality - general; ...2.0395

CONTROL OF PRODUCTIVITY AND POPULATION CHARACTERISTICS IN AQUATIC COMMUNITIES ...Animal Productivity; Core Analysis; Invertebrate Physiology; Lakes; Rehabilitation - streams -lakes; Sedimentation; ...2.0426

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; Zooplankton; ...2.0477

HYDROGRAPHY OF THE PENOBSCOT RIVER ESTUARY ...Density; Dissolved Load; Environmental Changes; Estuaries; Maine; Soil Tillage; Water Pollution Abatement; ...2.0607

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Taxonomy - plant; Water Pollutant Identification; ...2.0747

ENERGY EXPENDITURES FOR OSMOTIC AND IONIC REGULATION IN DAPHNIA ...Bioassay; Cladocera; Invertebrate Physiology; ...2.0761

ANALYTICAL PHYSICAL MODEL ...Bays; Biological Water Properties; Marine Pollution; Mathematical Analysis; Mathematical Models; Physical Models; Rhode Island; Thermodynamics; ...2.0777

ION SELECTIVE ELECTROCHEMICAL SENSORS ...Brackish Water; Detectors and Sensors; Electrochemistry; Salt Water; Water Pollutant Identification; ...2.0820

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

GRAND VALLEY SALINITY CONTROL ...Canals; Colorado River; Linings - Pavings; Water Quality Control -general; ...2.0985

ESTUARINE HYDROGRAPHY AND ITS ROLE IN TRANSPORT OF NATURALLY PRODUCED FOODS AND POLLUTANTS ...Effluents - Waste Water; Forecasting - Prediction; Nutrients; Water Movement -general; Water Quality -general; ...2.1000

REMOVAL OF SUSPENDED MATTER AND TURBIDITY FROM WATER BY FLOCCULATION ...Colloidal Phenomena; Electrochemistry; Floods; Israel; Suspension; Water Chemistry; ...2.1022

ESTUARINE DIFFUSION OF POLLUTANTS ...Bays; Fluid Mechanics; Fresh Water; Oregon; Stratification (water); ...2.1085

RELATION OF PASS OPENINGS ON PHYSICAL EXCHANGE AND SALINITY IN ESTUARIES ...Estuaries; Saline Water Intrusion; Shoreline Structures; Texas; Water Resources Planning; ...2.1106

DETERMINATION OF BIODEGRADATION RATES IN SOME POLLUTED TROPICAL WATERS AND IN SOME TYPES OF LIQUID WASTES COMMON IN PUERTO RICO ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Puerto Rico; Rate of Reaction; Total Organic Carbon; Tropical Regions; Waste Water Degradation; ...2.1409

MANAGEMENT OF INDUSTRIAL WASTE DISCHARGES IN COMPLEX ESTUARINE SYSTEMS ...Data Acquisition; Estuaries; Industrial Wastes; Management (water); Model Studies; Texas; Water Standards & Baselines; ...2.1425

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Waste Water Treatment -general; Water Pollution Sources; ...2.1468

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ...Aquaria; Industrial Wastes; Mining Industry; Physiological Effects; Temperature; Turbidity; Water Pollution Effects; ...2.1487

EFFECTS OF CHEMICAL VARIATIONS IN AQUATIC ENVIRONMENTS ...Aluminum; Chemical Analysis (water); Colorado River; Data Acquisition; Lead; Oil Shale; ...2.1512

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Contamination - Water; Environmental Ecology; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Pesticides -nonspecific; Spawn Or Nesting Sites; Temperature (water); ...2.1516

EFFECTS OF SIMULTANEOUS VARIATIONS OF DIEL CHANGES OF TEMPERATURE, DISSOLVED OXYGEN, SALINITY & A POLLUTANT ON THE GROWTH OF WHITE PERCH ...Contamination - Water; Environmental Physiology; Physiological Effects; Temperature (water); ...2.1520

ENVIRONMENTAL CONTROL SYSTEM FOR OYSTER FARMING ...Chemical Measurements (water); Circulation (water); Delaware; Nutrient Studies -animal; Spawning & Nesting Sites; Temperature (water); ...2.1521

SYNERGISTIC EFFECTS OF SUB-LETHAL POLLUTION ON THE DEVELOPMENT OF SELECTED WARM-TEMPERATE AND SUB-TROPICAL FISHES AND CRUSTACEANS ...Captive Rearing; Contamination - Water; Fish; Temperature (water); ...2.1524

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Spoil Banks; Water Pollution Sources; ...2.1525

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

WATER QUALITY - CEDAR BLUFF IRRIGATION DISTRICT, KANSAS ...Chemical Water Properties; Effluents - Waste Water; Groundwater; Kansas; Seepage (water); Water Quality -general; ...2.1556

AN ENVIRONMENTAL SURVEY OF THE DAMARISCOTTA RIVER ESTUARY, LINCOLN COUNTY, MAINE ...Bottom Sampling; Core Analysis; Estuaries; Maine; Sewage; ...2.1570

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1575

THE THERMAL REQUIREMENTS AND TOLERANCE OF KEY ESTUARINE ORGANISMS ...Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Thermal Pollution; ...2.1576

THE EFFECT OF SALINITY ON THE OXIDATION OF HYDROCARBONS IN ESTUARINE ENVIRONMENTS ...Biodegradation-see Degradation; Cellular Physiology- Env. Eff.; Estuaries; Oil Removal; Petroleum Wastes - Spillage; Size; ...2.1611

EFFECTS OF THERMAL AND OTHER FORMS OF POLLUTION ON SOME ANADROMOUS FISHES ...Aquatic Ecology - Animal; Environment Resistance-animals; Fresh Water; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Thermal Pollution; ...2.1641

PHYSIOLOGICAL ADAPTATION OF TWO SPECIES OF FISHES, FUNDULUS HETEROCLITUS AND SALMO GAIRDNERI, TO ALTERED WATER QUALITY PARAMETERS ...Contamination - Water; Environmental Physiology; Optical Properties of Water; Salmo Gairdneri; Vertebrate Anatomy; ...2.1647

A COMPARATIVE STUDY OF THE RESPONSES OF THE AQUATIC WEEDS, ZANNICHELLIA PALUSTRIS & RUPPIA MARITIMA, TO DIFFERENT TEMPERATURES AND SALINITIES ...Amphibious Plants; Forecasting - Prediction; Marine Plants; Potamogetonaceae; Temperature (water); Water Pollution Effects; ...2.1659

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Sewage; Temperature (water); Water Pollution Sources; ...2.1662

MARINE FISHERIES - ESTUARINE ALGAL COMMUNITIES ...Animal Interrelationships -gen; Commercial Fishing; Estuaries; Marine Plants; Plant Productivity -general; Training Grants, Fellowships; Water Standards & Baselines; ...2.1682

PHYSICAL FACTORS AFFECTING OREGON COASTAL POLLUTION ...Circulation (water); Density; Marine Environments; Oregon; Tides; ...2.1683

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Temperature (water); ...2.1684

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Copepoda; Environmental Ecology; Fish; Marine Animals; Mollusca; Population Dynamics - general; Thermal Properties; ...2.1693

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Clams; Environment Resistance-animals; Hippolyte; Marine Animals; Marine Pollution; Temperature (water); ...2.1694

EFFECTS OF ELEVATED TEMPERATURE ON SPAWNING AND DEVELOPMENT OF FISHES ...Animal Productivity; Embryology -basic; Photoperiod; Sparidae; Temperature (water) ...2.1698

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Temperature; Tracers; ...2.1731

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; ...2.1733

ENERGY-DEPENDENT ION MOVEMENTS AND ACCUMULATION IN MEMBRANES OF SALMONID TISSUES ...Adenosine Triphosphate; Contamination - Water; Salmonidae; ...2.1751

PHYSIOLOGY AND ECOLOGY OF MARINE DIATOMS ...Biological Effects; Diatoms (see Also Algae); Marine Plants; Phytoplankton; Salinity; Taxonomy -plant; ...2.1767

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Desalination; Electrodialysis; Irrigation; Optimization - Feasibility; Soil Saline Properties; ...2.1804

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Water Pollutants - Path of; ...4.0826

ENVIRONMENTAL INTERACTIONS ...Algae -nonspecific; Animal Succession; Dose Rate, Dose Fractionation; Invertebrate Physiology; Invertebrates; X and Gamma Rays; ...5.0540

San Francisco Bay

SOIL ENGINEERING RESEARCH ...California; Environmental Hazards; Soil Loads; Tectonics; ...2.0039

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

SAN FRANCISCO BAY SEDIMENTS ENGINEERING GEOLOGY STUDIES, CALIFORNIA ...California; Engineering Geology; Mineralogical Properties; Rock Mechanics - Geology; Rocks - Bedrock; Sediment Thickness; Tectonic History - Mountains; Unconsolidated Deposits; ...2.0069

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

SAN FRANCISCO BAY ...Bathymetry; California; Marine Biology - General; Marine Pollution; Sea Water Properties; Sedimentary History; Water Quality -general; ...2.0970

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Animal Resistance; Bioassay; Estuaries; Hippolyte; Marine Animals; Pesticides -nonspecific; ...4.0543

Sands & Gravels

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology; Floods; Geologic Maps; Land Use; Mass Wasting, Geological; Structure Sites; Urban Environment; Urban Research -general; ...2.0066

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects - see Water; Water Pollutant Identification; Water Pollution Effects; ...2.0139

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1823

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

Sandy Soils -see Soil Type

PHYSIOLOGICAL RESPONSES OF PLANTS TO TOXIC AIR POLLUTANTS ...Adenosine Triphosphate; Enzymes; Lycopersicum; Mineral Nutrition; Pathological Physiology; Pinus Nigra; Respiration; Vegetables; ...1.0365

RELATIONSHIP OF LEAD IN THE AIR, SOIL AND PLANTS TO PROXIMITY TO HIGHWAY TRAFFIC ...Absorption (incl. Adsorption); Air Pollution -see Specifics; Cars; Lead; Roads & Highways -see Highways; Soil Aeration; Soil Chemical Properties; Wind -see Air Motion; ...1.0368

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

RELATIVE LEACHING RATES OF COMMON NITROGEN CARRIERS FROM SANDY SOILS ...Biological Effects; Eutrophic Lakes; Florida; Nutrients; ...2.0109

YIELD OF NUTRIENTS FROM AGRICULTURAL LAND TO WATER SOURCES ...Chemical Analysis (water); Fertilizers; Loam -see Soil Types; Silty Soils; Soil Depth; Soil Types -also See Specifics; ...2.0353

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Chemical Analysis -general; Farm Animal Wastes; Nutrients; Soil Chemical Properties; Soil Moisture; Soil Organic Content; Sprinkler Irrigation; Water Table; ...2.0994

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Contamination - Soil; Mans Pollutional Activities; Plant Growth; Soils; Water Supply -general; ...2.1742

EFFECTS OF GARBAGE COMPOST ON SOIL AND CROP PRODUCTION ...Avena Sativa; Plant Waste Removal, Treatment; Soil - Crop Relationships; Soil Chemical Properties; Soil Microbiology; Soil pH; Waste Disposal on Soils; ...3.0003

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Bos; Chlorine; Contamination - Soil; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Soil Moisture; Zea Mays - Field Corn; ...3.0097

CROP RESIDUE DISPOSAL ...Gossypium; Loam -see Soil Types; Plant Residues, Humus, Compost; Plant Waste Removal, Treatment; Planting Methods; Soil Depth; Soil Types -also See Specifics; ...3.0199

DEVELOPMENT OF EQUIPMENT AND TECHNIQUES FOR CROP RESIDUES ...Gossypium; Loam -see Soil Types; Plant Residues, Humus, Compost; Population Dynamics -general; Soil Moisture; Soil Tillage; Waste Disposal on Soils; ...3.0201

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Soil Chemical Properties; Soil Microbiology; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0223

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Analysis and Detection; Biochemical Oxygen Demand; Effluent-standards; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Septic Tanks; Silty Soils; Water Pollutant Identification; ...3.0350

EFFECTS OF GARBAGE COMPOST ON SOIL PROCESSES ...Florida; Nitrification; Soil Amendments; Soil Microbiology; Soil Organic Content; Waste Disposal on Soils; ...3.0366

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Aquatic Ecology - Animal; Dieldrin; Farm Pond; Georgia; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Plant Ecology -nonspecific; ...4.0025

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam - see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Physical Degradation; Soil Microbiology; Soil Organic Content; ...4.0097

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis

(water); Clay Soils; Environment Accumulation Rates; Erosion; Loam csee Soil Types, New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; ...4.0131

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

NEMATOCIDES AND POTENTIAL NEMATOCIDAL CHEMICALS RESIDUES IN PLANTS AND DIFFUSION IN SOIL ...Aliphatic Carbamates; Dichloropropene; Nemagon; Nematoda; Pesticide Persistance in Soils; ...4.0145

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Gossypium; Metabolites From Pesticides, Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Piedmont Province; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0174

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

SOILS, PESTICIDES, AND THE QUALITY OF WATER ...Adsorption; Clay Soils; Pesticide Formulation; Pesticides -nonspecific; Soil Thermal Properties; ...4.0187

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay, Cipc; Dmso; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Tween-80 -see Surfactants; ...4.0189

FATE AND MECHANISM OF ACTION OF HERBICIDES ...Atrazine; Carbon; Enzymes; Gossypium; Nitrogen Metabolism; Pesticide Interaction With Env; Pesticide Residues; Physiological Resistance; Prometryne; Zea Mays - Field Corn; ...4.0205

PHYSIOLOGICAL STUDIES ON WEEDS AND WEED CONTROL IN SOUTHERN CALIFORNIA ...Avena Sativa; Citrus; Cynodon; Dichlobenil; Fruit, Nut, and Berry Crops; Granules, Capsules; Liquids Or Sprays; Pesticide Persistance in Soils; Pesticides -other; Planavin; Reproductive Physiology; Simazine; Trifluralin; ...4.0230

DETECTION AND DETERMINATION OF FUNGICIDES, BACTERICIDES, AND CHEMOTHERAPEUTIC AGENTS ...Benlate; Bioassay; Butylamine; Catalysts; Degradation; Methyl Bromide; TBZ; ...4.0238

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Solanum; Truck Farming -vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming - vegetables; ...4.0272

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdaa; Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

ARSENIC STUDIES WITH BLUEBERRIES AND POTATOES ...Arsenic; Ericaceae; Plant Absorption -other; Solanum; ...4.0335

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Soil Moisture; Tenoran; Vernolate; ...4.0344

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Mama; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Soil Depth; ...4.0385

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Climates -general; Flood Irrigation; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Residues; Sprinkler Irrigation; Urea Cpds. -nonspecific; ...4.0484

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Gossypium; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Temperature - Air; ...4.0487

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Soil Moisture; Soil Types -also See Specifics; ...4.0511

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Atrazine; Bioassay; Environment Accumulation Rates; Loam - see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Prometryne; Soil Types -also See Specifics; ...4.1035

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Thorium; ...5.0100

Sanitation

AIR STERILIZATION ...Aerosols - Smokes, Fogs, Steam; Air Purification; Food Contamination; General Sanitation Methods; Microorganism-see Cell. Catab.; Salmonella -nonspecific & -ot.; Sterilization; ...1.0066

PUBLIC HEALTH ECOLOGY ...Air Pollution -see Specifics; Air Pollution Effects; Aircraft Remote Sensing; Biological Effects; Climatology; Spacecraft Sensory Devices; Water Pollution -see Specifics; ...1.0296

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Bacterial Ecology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Mathematical Models; Nutrients; Rehabilitation -streams -lakes; Sewage; Water Pollution -see Specifics; ...2.0552

IDENTIFICATION OF INDICATOR ORGANISMS FOR EVALUATION OF WATER QUALITY ...Bacterial Pollutant Sources; Bottom Sampling; General Recreation Studies; Water Pollutant Identification; Water Quality -general; ...2.0716

STUDY OF GROWING AREA STANDARD BY EXAMINING ENTEROPATHOGENS AND INDICATOR LEVELS ...Bacterial Population Surveys; Digestive System - Human; Food Contamination; Mollusca; Salmonella -nonspecific & -ot.; Sewage Bacteria; Water Pollutant Identification; ...2.0785

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Flood Irrigation; Groundwater; Potable Water; Recreation, Water Resources; Septic Tanks; Sewage - Domestic; Water Wells; ...2.0883

STUDIES CONCERNING THE EFFECTIVENESS, STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Biochemical Analysis - Tissues; Disinfectants & Antiseptics Ns; Field Water Purification; Pesticide Evaluation; Viral Pollutant Sources; ...2.0929

VACUUM WASTEWATER COLLECTION SYSTEMS FOR NAVAL ADVANCED BASES ...Sewage - Domestic; Vacuum Techniques; ...2.1188

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Bacterial Ecology; Cellular Physiology- Env. Eff.; Chlorine; Effluent-standards; Illinois; Sewage Bacteria; Water Bacteria; ...2.1259

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; Pesticides; pH; Recycle Water; Waste Water Treatment -general; Water Reuse; ...2.1290

MULTIPLE SCLEROSIS AND THE QUALITY OF DRINKING WATER ...Impaired Water Use; Physiological Effects; Water Pollution -see Specifics; Water Pollution Sources; ...2.1598

WATER AND WASTE MANAGEMENT (MUST) ...Cold Climates; Hospitals; Waste Disposal-see Solid Waste; Water Pollution Sources; Water Quality Control -general; Water Supply Development; ...3.0064

NEW FOOD PRODUCTS AND SERVICE ...General Sanitation Methods; Home Economics; Plant Waste Removal, Treatment; Product Development Research; ...3.0155

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Color; Disinfection; Farm Animal Wastes; Ion Exchange; Taste & Odor of Water; Waste Water Treatment -general; ...3.0168

ANIMAL WASTE MANAGEMENT STUDY ...Environmental Effects - Human; Farm Animal Wastes; Sprinkler Irrigation; Waste Disposal on Soils; Waste Water Treatment -general; ...3.0191

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS ...Algae -nonspecific; Chlorination; Effluents - Waste Water; Pseudomonas; Sewage; Sewage Lagoons; Water Pollution - see Specifics; Zooplankton; ...3.0356

BIOLOGY, ECOLOGY, CONTROL AND BEHAVIOR OF HIPPELATES EYE GNATS ...Baits, Lures; Insect Chemosterilants -ns.; Pesticide Application Rates; Pesticide Evaluation; Pesticide Persistance in Soils; Soil Moisture; Trithion; ...4.0564

RESEARCH ON ARTHROPOD-BORNE DISEASES - II ...Genetic Resistance; Insecticides -nonspecific; Meetings; Pesticide Toxicity in Humans; Physiological Resistance; Toxicology; ...4.0848

General Sanitation Methods

AIR STERILIZATION ...Aerosols - Smokes, Fogs, Steam; Air Purification; Food Contamination; Microorganism-see Cell. Catab.; Salmonella -nonspecific & -ot.; Sterilization; ...1.0066

CONTROL OF AIR CONTAMINANTS IN THE HOME ...Aerosols; Air Cleaning Devices; Air Pollution; Fluid Mechanics; Home Economics; Noise -see Noise; Particulates - Air Pollution; ...1.0559

FIELD BURNING AIR POLLUTION ABATEMENT INVESTIGATIONS ...Air Pollution -see Specifics; Herbicides -nonspecific; Plant Residues, Humus, Compost; Planting Methods; Temperature - Air; ...1.0623

NEW FOOD PRODUCTS AND SERVICE ...Home Economics; Plant Waste Removal, Treatment; Product Development Research; Sanitation; ...3.0155

IMPROVE METHODS, EQUIPMENT & FACILITIES FOR HANDLING WASTE MATERIAL FROM LIVESTOCK MARKETS & FEEDLOT ...Agricultural Runoff; Costs -see Economics Entries; Farm Animal Wastes; Lagoon; Taste & Odor of Water; Water Costs; ...3.0203

SANITARY MILK PRODUCTION ...Bos; Farm Animal Wastes; Food Processing Industries; ...3.0238

IMPROVED METHODS, EQUIPMENT AND FACILITIES FOR INEDIBLE ANIMAL BY-PRODUCTS RENDERING PLANTS ...Farm Animal Wastes; Food Engineering & Technology; Product Development Research; Salmonella -nonspecific & -ot.; Tennessee; Texas; ...3.0276

EQUIPMENT AND METHODS FOR DECONTAMINATION AND DISPOSAL OF PESTICIDES AND PESTICIDE CONTAINERS ...Combustion; Formulations -nonspecific; Incineration; Nitrification; Pesticide Degradation -see Deg; Sevin; Waste Water Degradation; ...4.1052

Shellfish Depuration

COMMERCIAL OYSTER FISHERY DEVELOPMENT INVESTIGATION ...Agricultural Economics; Captive Rearing; Coliforms -nonspecific; Commercial Fishing; Consumption, Contamination - Water; Ostreidae (oyster); ...2.0561

A STUDY OF THE DEPURATION PROCESS IN OYSTERS TAKEN FROM POLLUTED WATERS AND REBEDDED IN UNPOLLUTED WATERS ...Bacterial Pollutant Sources; Bioindicators; Mississippi; Water Pollutant Identification; ...2.0651

ENTEROVIRUSES IN DEPURATED HARD CLAMS, 'MERCENARIA MERCENARIA' ...Antibiotics -nonspecific; Bacteria - nonspecific; Bacterial Population Surveys; Clams; Contamination - Water; Long Island Sound; Viruses - Animal; ...2.0696

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...2.1331

HEALTH EFFECTS OF TOXIC CHEMICALS WITHIN THE WATER ENVIRONMENT ...Animal Toxins; Clams; Eastern U. S.; Lead; Marine Environments; Pollution Effects -see Water; ...2.1697

Satellites -see Remote Sensing

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica ; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Snow Patterns; Weather Data; Wind; ...1.0028

STUDY OF EFFECT OF ATMOSPHERIC TURBIDITY ON SATELLITE SOUNDINGS ...Aerosols; Energy-radiation; Infrared Radiation; Model Studies; Particulates - Air Pollution; Polarization; Scattering; ...1.0316

HIGH SPEED INTERFEROMETER EXPERIMENT DEVELOPMENT ...Air Pollution Analysis; Atmosphere; Interferometry; Resolution; Spacecraft Sensory Devices; Trace Analysis; ...1.0678

SATELLITE PLATFORM ...Air Pollution; Air Pollution Monitoring; ...1.0859

Saturated - Unsaturated Soils

SOIL AND WATER MANAGEMENT FOR SALINITY CONTROL - PHASE II ...Groundwater; Leaching; New Mexico; Pesticides - nonspecific; Soil Saline Properties; Soil Thermal Properties; Water Pollutants - Path of; ...2.0253

UNDERSTANDING OF THE INFILTRATION OF RAIN INTO BURIED WASTE ...Burial; Leaching; Soil Moisture; Waste Disposal; Water Pollution Sources; ...2.0357

QUALITY OF TILE EFFLUENT ...Chemical Analysis (water); Drainage; Effluents - Waste Water; Floods; Nitrogen and Nitrogen Cpds.; Phaseolus; Phosphorus and Phosphorus Cpds; Soil Analysis; Zea Mays - Field Corn; ...2.0587

MIXING PROCESSES IN SATURATED AND UNSATURATED SOIL-WATER SYSTEMS IN RELATION TO POLLUTION ...Chlorine; Fluid Mechanics; Soil Saline Properties; Soil Thermal Properties; ...2.0965

HEAT AND MOISTURE CONDUCTION IN UNSATURATED SOILS ...Atomic Plants; Energy Conversion; Mathematical Models; Soil Thermal Properties; Thermal Pollution; ...2.1160

TRANSPORT AND FATE OF POLLUTANTS IN SOIL ...Fluid Mechanics; Porous Filters; Soil Filters; Waste Disposal-see Solid Waste; Water Reuse; ...2.1295

DEVELOP FIELD PROCEDURES FOR PREDICTING MOVEMENT OF LIQUID WASTES IN SOILS ...Percolation (water); Septic Tanks; Soil Analysis; Soil Moisture, Soil Permeability; Water Pollutants - Path of; Wisconsin; ...2.1459

Scientists & Engineers

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Combustion Air Pollution-gen; Gases; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics; ...1.0061

EXPERT, AD HOC COMMITTEES AS A SOURCE OF TECHNICAL ADVICE - DOCTORAL DISSERTATION RESEARCH ...Committee Support; Consumer Attitudes- Pesticides; Pesticide Usage History; Pesticides -nonspecific; Technology - Social Impact; ...4.1135

Scintillation Counting

CONTUNUOUS MEASUREMENTS OF AIRBORNE AND PRECIPITATION RADIOACTIVITY AND METEOROLOGI-

CAL APPLICATION ...Atmospheric Dynamics; Fallout -see Radioactive; Nuclear Detonations; Radioactive Fallout; Spectrographic Techniques; Tracers; Troposphere; ...1.0044

DEVELOPMENT OF A WORKING MODEL FOR MEASUREMENT OF SULFUR DIOXIDE IN STACK GASES ...Combustion; Detectors and Sensors; Mercury; Radiation Instruments; Radioactive Isotopes; Sulfur Dioxide Removal; X and Gamma Rays; ...1.0834

PESTICIDE RESIDUES ON ARIZONA CROPS ...Air - Water - Plant Relations; DDT; Medicago; Pesticide Toxicity to Microorg; Radioisotopes -nonspecific; Toxaphene; ...4.0925

IN VIVO MEASUREMENT OF PLUTONIUM LUNG BURDENS IN HUMANS ...Factory Workers; Gas Filled Detectors; Occupational Hazards; Plutonium; Radiation Effects - Man; Radioactive Isotopes; Radiologic Health; ...5.0457

SCINTIGRAPHY USING THE SCINTILLATION CAMERA, POSITRON CAMERA, MARK II WHOLE BODY SCANNER AND MULTIPLANE TOMOGRAPHIC SCANNER (ABBREV) ...Detectors; Positron Camera; Radioactive Isotopes; Video; Whole Body; ...5.0779

QUANTITATION OF LOW LEVELS OF TRITIUM IN BIOLOGICAL AND ENVIRONMENTAL MATERIAL ...Air Pollution -see Specifics; Electrochemistry; Hydrogen; Radioactive Hazard; Radioactive Isotopes; Radiologic Health; ...5.0782

SEQUENTIAL RADIOCHEMICAL DETERMINATION OF RADIUM-226, 228, ACTINIUM-227 AND THORIUM-230 IN ENVIRONMENTAL AND PROCESS WASTE SAMPLES ...Actinium A C; Dosimetry; Mine Wastes; Radium; Thorium; Uranium; ...5.0829

GROSS ALPHA DETERMINATION IN ENVIRONMENTAL AND BIOLOGICAL SAMPLES ...Alpha Particles; Californium; Feces; Polonium; Radioactive Isotopes; Reduction Reactions; Urine; ...5.0823

LOCALIZATION OF LOW CONCENTRATIONS OF GAMMA RAY EMITTERS IN MAN ...Mathematical Analysis; Scintillation, Twinkle; Solids; Transmission; ...5.0825

FLUX AND SPECTRUM OF FAST NEURTONS IN NATURAL ENVIRONMENT ...Fast Neutrons; Radioactivity Studies -general; Soil Moisture; ...5.0826

RADIATION DOSIMETRY ...Beta Particles; Energy Conversion; Neutron -see Radiation; Radiation Sources -general; Thermal Neutrons; X and Gamma Rays; ...5.0861

ANALYTICAL INSTRUMENTATION FOR MEASUREMENT OF ENVIRONMENTAL SAMPLES ...Air Pollution Sampling; Analytical Instruments; Radiation Shielding; Radioactive Isotopes; Radioactivity; ...5.0878

IN-VIVO NEUTRON ACTIVATION ...Americum; Calcium; Chlorine; Fast Neutrons; Iodine; Models (physical) of Anim.&man; Neutron Generator; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Radiation, Whole Body; ...5.0896

REMOVAL OF AM-241 FROM HUMANS WITH DTPA ...Americum; Occupational Hazards; Plutonium; Radiation Injury Prevention; Radioactive Hazard; Radiologic Health; ...5.0914

RADIATION DOSIMETRY RESEARCH ...Alpha Particles; Detectors and Sensors; Fast Neutrons; Human Developmental Biology; Models (physical) of Anim.&man; Radiation Carcinogenesis; Radiologic Health; X and Gamma Rays; ...5.0924

INHALATION HAZARDS TO URANIUM MINERS - RADIOCHEMICAL STUDIES ...Aerosols; Mammals -nonspecific; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Radium; Spectrographic Techniques; ...5.0961

Whole Body

WHOLE BODY COUNTING OF POPULATION LIVING IN AREAS OF HIGH NATURAL RADIOACTIVITY ...Radiologic Health; X and Gamma Rays; ...5.0099

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

NUCLIDE METABOLISM ...Calcium; Cesium; Chlorine; Feces; Iron; Mammals -nonspecific; Radiation Injury Prevention; Sodium; ...5.0155

MECHANISM OF DIVALENT ION ABSORPTION ...Arsenic; Cobalt; Gallus Domesticus; Iron; Mercury; Zinc; ...5.0256

FALLOUT CESIUM-137 IN A NORMAL POPULATION ...Cesium; Food Contamination; Gamma Spectroscopy; Metabolism and Biochemistry; Monitoring Devices; Potassium; Radiologic Health; ...5.0462

RADIOBIOLOGY AND NEOPLASIA - MORPHOLOGIC ASPECTS - HISTOPATHOLOGIC STUDIES ...Cancer; Gallium; Injury and Shock; Radiation Effects - Biological; ...5.0627

WHOLE BODY COUNTING OF POPULATION LIVING IN AREAS OF HIGH NATURAL RADIOACTIVITY ...Brazil; Dosimetry; Radiation -terrestrial; Radiation Sources -general; Radiation, Whole Body; Radioactivity, Natural; Radiologic Health; ...5.0772

BIOMEDICAL RESEARCH USING HUMAN WHOLE-BODY COUNTER ...Iron; Potassium; Zinc; ...5.0778

SCINTIGRAPHY USING THE SCINTILLATION CAMERA, POSITRON CAMERA, MARK II WHOLE BODY SCANNER AND MULTIPLANE TOMOGRAPHIC SCANNER (ABBREV) ...Detectors; Positron Camera; Radioactive Isotopes; Video; ...5.0779

RADON PROGENY INHALATION STUDY ...Air Pollution -see Specifics; Miners; Occupational Hazards; Radiologic Health; Radon; Respiratory Irritants, Inhaled; ...5.0802

TOTAL-BODY COUNTING FACILITY ...Canidae; Detectors; Rabbits; Selenium; ...5.0832

DEVELOPMENT AND APPLICATION OF MULTICHANNEL SCANNING ...Canidae; Metabolism & Metab. Diseases; Radiation, Whole Body; Selenium; X and Gamma Rays; ...5.0835

SERUM OSMOLALITY AND INTRACRANIAL PRESSURE ...Cancer; Radioisotopes -nonspecific; ...5.0837

BASAL METABOLIC RATES AND EXCRETION OF RADIONUCLIDES ...Cesium; Muridae; Radiation Effects - Biological; Radiation Injury Prevention; ...5.0865

FALLOUT CESIUM-137 IN A NORMAL POPULATION ...Body Isotope Burden; Cesium; Gamma Spectroscopy; Mathematical Models; Radiologic Health; ...5.0866

NUCLEAR MEDICINE AND SCANNING - INSTRUMENTATION ...Computer Methods -general; Monitoring Devices; Monitors and Automatic; Photography; Radiation, Whole Body; X and Gamma Rays; ...5.0923

WHOLE BODY RETENTION AND DISTRIBUTION MEASUREMENT OF RADIOISOTOPES IN MAN ...Cobalt; Computer Methods -general; Information Systems; Iodine; Models (physical) of Anim.&man; Strontium; ...5.0943

Scouring

DYNAMICS OF BIOCHEMICAL OXYGEN DEMAND ...Benthic Organisms -nonspecific; Carbon; Model Studies; New Jersey; Nitrogen and Nitrogen Cpds.; Organic Matter; ...2.0676

CRITERIA FOR WASTE-DISPOSAL SITES IN THE KANSAS RIVER VALLEY ...Alluvium - Alluvial; Chemical Analysis (water); Kansas; Waste Disposal-see Solid Waste; Water Depth, Water Levels; Water Table; ...2.1273

WATER QUALITY SURVEYS ...Animal Productivity; Missouri; River Basins; Water Pollution Effects; Water Quality -general; ...2.1622

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

Scuba

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Water Pollutant Identification; ...2.0178

INSHORE FISHERIES HABITAT EVALUATION AND MONITORING ...Animal Habitat Studies; Ecological Effects; Fishing; Mans Pollutional Activities; Marine Plants; Types of Resources; ...2.0491

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Atomic Plants; Embryology -basic; Estuaries: Invertebrate Physiology; Marine Animals; Population Dynamics -general; Temperature (water); ...2.1567

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bays; Ecological Effects; Energy Conversion; Invertebrate Physiology; Long Island Sound; Mollusca; Population Dynamics - general; Temperature (water); Zooplankton; ...2.1638

Sea Ice

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological Water Properties; Construction Land Use Effects; Environmental Ecology; Geological Exploration; Lakes; Marine Biology - General; Water Standards & Baselines; ...2.0470

NAVY ENVIRONMENTS - ARCTIC SEA ICE ORGANISMS ...Acoustical Properties; Marine Biology - General; Marine Fouling; Optical Properties; Polar Regions; ...2.0473

SPACECRAFT OCEANOGRAPHY PROJECT ...Data Acquisition; Electronic Detection, Tracking; Management; Marine Pollution; Microwave Radiation; Space Science and Technology; Spacecraft Sensory Devices; Visible Light; ...2.0541

Sea Water Chemistry

WORKSHOP ON EFFECTS OF ATOMIC RADIATION ON OCEANOGRAPHY ...Environmental Hazards; Marine Environments; Meetings; Radioactive Fallout; ...2.0091

NAVY ENVIRONMENT - TRACE ELEMENT DISTRIBUTION IN THE OCEANS & SEA FLOOR SEDIMENTS, THE CONTROLLING BIOCHEMICAL AND PHYSICAL PROCESSES ...Forecasting - Prediction; Marine Biology - General; Marine Geology; Marine Pollution; Monitoring; Sea Water Properties; Trace Elements; ...2.0186

PHYSICO-CHEMICAL PROCESSES AND IONIC STATES OF MICROCONSTITUENTS IN SEA WATER AND THEIR RELATION TO RADIOECOLOGY OF NORTH ADRIATIC ...Chelation & Complexing; Kinetics; Marine Environments; Mediterranean Sea; Radioactivity; Water Chemistry; ...2.0460

GEOSECS - ACQUISITION AND CONSTRUCTION OF SHIPBOARD ANALYTICAL EQUIPMENT AND HYDROGRAPHIC AND SAMPLING SYSTEMS ...Gas Chromatography; Marine Biology - General; Organics; Radioactivity; Sea Water Properties; ...2.0502

GEOSECS - OPERATIONS STAFF ...Data Reduction and Analysis; Man Machine Systems; Ocean Circulation -general; Particle - Gas Transfer; Sampling; Sea Water Properties; Ships and Cruises; ...2.0503

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Gulf of Mexico; Marine Environments; Marine Pollution; Ocean Currents; Ocean Hydrodynamics; Ships and Cruises; Temperature; Water Movement -general; ...2.0509

WESTERN BEAUFORT SEA ECOLOGICAL CRUISE (WEBSEC 9-70) ...Alaska; Bays; Ecological Effects; Marine Biology - General; Oil; Ships and Cruises; Water Standards & Baselines; ...2.0537

GEOSECS RADIOCARBON AND TRITIUM MEASUREMENTS ...Animal Productivity; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Plant Productivity -general; Sea Water Sampling; ...2.0548

GEOSECS - PREPARATIONS R/V KNORR, CONSTRUCTION GEOSECS BUILDING, PROVISION SHIPBOARD EQUIPMENT, AND THE GEOSECS SUMMER INSTITUTES ...Animal Productivity; Marine Biology - General; Marine Pollution; Ocean Mixing; Plant Productivity -general; Research Facilities; Sea Water Properties; Ships and Cruises; ...2.0621

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Gas Chromatography; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Radioactivity; Sea Water Properties; Water Standards & Baselines; ...2.0699

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Carbon; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Primary Productivity - Plants; Sea Water Properties; ...2.0742

GEOCHEMICAL OCEAN SECTION STUDY ...Activation Analysis; Chemical Composition; Gamma Spectroscopy; Marine Geology; Radioactive Isotopes; Radioactivity; Trace Analysis; ...2.0844

SAN FRANCISCO BAY ...Bathymetry; California; Marine Biology - General; Marine Pollution; San Francisco Bay; Sea Water Properties; Sedimentary History; Water Quality -general; ...2.0970

ENRICHMENT OF METALS IN SEAWATER BY FOAM PRODUCTION ...Bubbles; Chemical Mechanisms & Kinetics; Foam; Marine Pollution; Trace Elements; Water Chemistry; X-ray Spectroscopy; ...2.1043

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Benthic Organisms -nonspecific; Disposal; Harbors; Industrial Wastes; Marine Biology - General; Marine Pollution; Ocean Dumping; Sea Water Properties; Solid Waste; ...2.1353

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Temperature (water); Tropical Regions; ...2.1538

Chemical Reactions

MICROBIAL SULFATE REDUCTION AND SULFIDE OXIDATION IN MARINE ENVIRONMENTS ...Bacterial Morphology; Lagoons; Marine Biology - General; Marine Fouling; Marine Pollution; Plant Productivity -general; Thiorhodaceae; ...2.0188

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Marine Geology; Mercury; Pacific Ocean; Radioactivity; Sea Water Sampling; Trace Analysis; ...2.0418

MIXING, DIFFUSION AND CIRCULATION RATES IN OCEAN WATERS ...Atlantic Ocean; Gases; Marine Environments; Ocean Turbulence; Radioactivity; Sea Water Mass & Ocean Fronts; ...2.1067

Radioactivity

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA ...Argentina; Environmental Geology; Marine Environments; ...2.0014

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources; Estuaries; Fish; Marine Animals; Marine Environments; Organics; Trace Elements; Zinc; ...2.0028

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - SUBPROJECT I - DETAILED EXPLORATION OF CS-137 AND CS-133 IN THE OCEAN ...Atmospheric Dynamics; Marine Environments; Ocean Circulation -general; Pacific Ocean; Sea Water Mass & Ocean Fronts; Trace Elements; ...2.0050

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Activation Analysis; Cesium; Fish; Marine Animals; Radioactive Fallout; Sea Water Sampling; Zinc; ...2.0051

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; India; Marine Biology - General; Ocean Currents; Radioecology - Plants; Salinity; Vertebrates Excl. Man; Water Pollution Sources; ...2.0136

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Environmental Geology; Italy; Marine Environments; ...2.0153

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Atlantic Ocean; Contamination - Water; Italy; Marine Environments; Plankton; Radioecology - Plants; Trace Elements; ...2.0154

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Ocean Circulation -general; Radioactive Fallout; ...2.0167

DISTRIBUTION OF RADIONUCLIDES IN A SERIES OF OCEAN WATER PROFILES AND SURFACE WATER STATIONS IN THE SOUTH PACIFIC OCEAN ...New Zealand; Pacific Ocean; ...2.0278

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases; Marine Plants; North Carolina; Plankton Sampling; Water Pollution Sources; ...2.0282

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER. THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

RADIONUCLIDE UPTAKE BY MARINE ORGANISMS IN ARTIFICIAL POOL AND ELIMINATION OF RADIOACTIVITY ...Adsorption Capacity; Marine Biology - General; Pollution Effects -see Water; Primary Productivity - Plants; Radioecology - Plants; ...2.0368

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Fertilizers; Gulf of Mexico; Lead; Marine Geology; Nuclear Radiation; Radiochemical Analysis; Runoff (water); Streams; ...2.0380

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Marine Geology; Mercury; Pacific Ocean; Sea Water Sampling; Trace Analysis; ...2.0418

RADIOCARBON IN THE SEA ...Carbon; Marine Biology - General; Ocean Mixing; Polar Oceanic Areas; Ships and Cruises; Wind; ...2.0427

MEASUREMENTS OF BOMB-PRODUCED RADIOCARBON IN THE SURFACE AND SUB-SURFACE WATER OF THE PACIFIC OCEAN ...Indian Ocean -general; Marine Environments; Ocean Mixing; Pacific Ocean; Particle - Gas Transfer; Sea Water Sampling; Seismology; ...2.0505

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Zinc; ...2.0705

GEOCHEMICAL OCEAN SECTION STUDY ...Activation Analysis; Chemical Composition; Gamma Spectroscopy; Marine Geology; Radioactive Isotopes; Sea Water Chemistry; Trace Analysis; ...2.0844

MIXING, DIFFUSION AND CIRCULATION RATES IN OCEAN WATERS ...Atlantic Ocean; Chemical Reactions; Gases; Marine Environments; Ocean Turbulence; Sea Water Mass & Ocean Fronts; ...2.1067

RADIOECOLOGICAL STUDY OF THE HUMBOLDT BAY MARINE ENVIRONMENT - DEVELOPMENT OF A MODEL ...Algal Physiology; Invertebrate Physiology; Marine Biology - General; Marine Geology; Plankton; Turbidity; ...2.1491

Salinity

VENTURA CALIFORNIA COOP ...Aquifers; Fresh Water; Groundwater Basins; Mapping; Marine Geology; Ocean Profiles; Seismology; Tectonic History - Mountains; ...2.0038

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; India; Marine Biology - General; Ocean Currents; Radioactivity; Radioecology - Plants; Vertebrates Excl. Man; Water Pollution Sources; ...2.0136

STANDARD MONITORING SECTIONS A-6 AND A-7 CRUISE AND AIGIST 1970 NERVE GAS DUMP SITE SURVEY ...Atlantic Ocean; Depth; Environmental Hazards; Marine Pollution; Ocean Currents; Temperature; ...2.0536

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

MIXING, DIFFUSION AND CIRCULATION RATES IN OCEAN WATERS ...Atlantic Ocean; Chemical Reactions; Gases; Marine Environments; Ocean Turbulence; Radioactivity; Sea Water Mass & Ocean Fronts; ...2.1067

HYDROGRAPHY OF NEW YORK BIGHT IN RELATION TO OFFSHORE WASTE DISPOSAL ...Atlantic Ocean; Density; New Jersey; Ocean Hydrodynamics; Temperature; Waste Disposal-see Solid Waste; Water Movement -general; ...2.1332

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Copepoda; Environmental Ecology; Fish; Marine Animals; Mollusca; Population Dynamics - general; Salinity (water); Thermal Properties; ...2.1693

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; Tracers; ...2.1731

PHYSIOLOGY AND ECOLOGY OF MARINE DIATOMS ...Biological Effects; Diatoms (see Also Algae); Marine Plants; Phytoplankton; Taxonomy -plant; ...2.1767

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...California; Data Reduction and Analysis; Fluid Mechanics; Ocean; Ocean Waves -see Waves; Pacific Ocean; Sewer Systems; Thermal Properties; ...3.0068

Water Analysis

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Zinc; ...2.0320

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Atlantic Ocean; Fish; Marine Biology - General; Marine Pollution; Pesticides -see Pesticide; Sea Water Sampling; Water Standards & Baselines; ...2.0620

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Bacterial Pollutant Sources; Benthic Flora; Chemical Water Properties; Marine Bacteria; Marine Environments; Marine Plants; Plant Population Dynamics -gen; ...2.0767

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Animal Productivity; Aquatic Soils; Environmental Changes; Fish; Lakes; Nutrient Studies -animal; Population Dynamics -general; ...2.1587

Gases

STUDIES OF NATURAL AND POLLUTANT SOURCES OF CARBON MONOXIDE ...Air Pollution Monitoring; Air Pollution-chemistry; Aircraft; Atmospheric Dynamics; Combustion Air Pollution-gen; Geochemical Investigations; ...1.0013

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Marine Plants; North Carolina; Plankton Sampling; Radioactivity; Water Pollution Sources; ...2.0282

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Marine Biology - General; Marine Environments; Mass Spectroscopy; Ocean; Organic Water Properties; Particle - Gas Transfer; Radioactivity; Waste Management -see Specific; ...2.0564

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Gas Chromatography; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Radioactivity; Sea Water Properties; Water Standards & Baselines; ...2.0699

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Carbon; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Primary Productivity - Plants; Sea Water Chemistry; Sea Water Properties; ...2.0742

MIXING, DIFFUSION AND CIRCULATION RATES IN OCEAN WATERS ...Atlantic Ocean; Chemical Reactions; Marine Environments; Ocean Turbulence; Radioactivity; Sea Water Mass & Ocean Fronts; ...2.1067

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

Organics

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources; Estuaries; Fish; Marine Animals; Marine Environments; Radioactivity; Trace Elements; Zinc; ...2.0028

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

GEOSECS - ACQUISITION AND CONSTRUCTION OF SHIPBOARD ANALYTICAL EQUIPMENT AND HYDROGRAPHIC AND SAMPLING SYSTEMS ...Gas Chromatography; Marine Biology - General; Radioactivity; Sea Water Properties; ...2.0502

GEOSECS RADIOCARBON AND TRITIUM MEASUREMENTS ...Animal Productivity; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Plant Productivity -general; Sea Water Chemistry; Sea Water Sampling; ...2.0548

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Gases; Marine Biology - General; Marine Environments; Mass Spectroscopy; Ocean; Organic Water Properties; Particle - Gas Transfer; Radioactivity; Waste Management -see Specific; ...2.0564

MICROBIAL TRANSFORMATIONS IN SEA WATER ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Competition Among Thallophytes; Marine Bacteria; Marine Biology - General; Marine Plants; Marine Pollution; ...2.0622

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Gas Chromatography; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Radioactivity; Sea Water Properties; Water Standards & Baselines; ...2.0699

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Carbon; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Primary Productivity - Plants; Sea Water Chemistry; Sea Water Properties; ...2.0742

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish; Marine Animals; Marine Environments; Marine Photography-Television; Ocean Circulation -general; Ocean Currents; Pacific Ocean; Radioactivity; Vertical Distribution; ...2.0972

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

Trace Elements

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE ...Activation Analysis; Atmospheric Dynamics; Bromine; Chlorine; Iodine; New Zealand; Urban Research - general; ...1.0137

NAVY ENVIRONMENT - COMPUTER CONTROL OF CHEMICAL INSTRUMENTS ...Air Pollution; Air Pollution -see Specifics; Air Pollution-chemistry; Gas Chromatography; ...1.0667

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources; Estuaries; Fish; Marine Animals; Marine Environments; Organics; Radioactivity; Zinc; ...2.0028

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - SUBPROJECT I - DETAILED EXPLORATION OF CS-137 AND CS-133 IN THE OCEAN ...Atmospheric Dynamics; Marine Environments; Ocean Circulation -general; Pacific Ocean; Radioactivity; Sea Water Mass & Ocean Fronts; ...2.0050

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Atlantic Ocean; Contamination - Water; Italy; Marine Environments; Plankton; Radioactivity; Radioecology - Plants; ...2.0154

NAVY ENVIRONMENT - TRACE ELEMENT DISTRIBUTION IN THE OCEANS & SEA FLOOR SEDIMENTS, THE CONTROLLING BIOCHEMICAL AND PHYSICAL PROCESSES ...Forecasting - Prediction; Marine Biology - General; Marine Geology; Marine Pollution; Monitoring; Sea Water Chemistry; Sea Water Properties; ...2.0186

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Marine Geology; Mercury; Pacific Ocean; Radioactivity; Sea Water Sampling; Trace Analysis; ...2.0418

RADIOCARBON IN THE SEA ...Carbon; Marine Biology - General; Ocean Mixing; Polar Oceanic Areas; Radioactivity; Ships and Cruises; Wind; ...2.0427

ENRICHMENT OF METALS IN SEAWATER BY FOAM PRODUCTION ...Bubbles; Chemical Mechanisms & Kinetics; Foam; Marine Pollution; Sea Water Chemistry; Water Chemistry; X-ray Spectroscopy; ...2.1043

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Deltas; Electrical Properties; Marine Biology - General; Marine Environments; Radioactive Isotopes; Temperature; Xray Diffraction; ...5.0068

Sea Water Mass & Ocean Fronts

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - SUBPROJECT I - DETAILED EXPLORATION OF CS-137 AND CS-133 IN THE OCEAN ...Atmospheric Dynamics; Marine Environments; Ocean Circulation -general; Pacific Ocean; Radioactivity; Trace Elements; ...2.0050

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Activation Analysis; Cesium; Fish; Marine Animals; Radioactive Fallout; Radioactivity; Sea Water Sampling; Zinc; ...2.0051

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Carbon; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Primary Productivity - Plants; Sea Water Chemistry; Sea Water Properties; ...2.0742

MIXING, DIFFUSION AND CIRCULATION RATES IN OCEAN WATERS ...Atlantic Ocean; Chemical Reactions; Gases; Marine Environments; Ocean Turbulence; Radioactivity; ...2.1067

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Fauna; Contamination - Water; Marine Animals; Marine Biology - General; Marine Environments; Marine Geology; Marine Pollution; Oil; Pacific Ocean; Ships and Cruises; ...2.1794

MEASUREMENTS OF NATURAL RADIOCARBON AND TRITIUM ...Carbon - 14 Dating; Dendrochronology; Marine Environments; Precipitation; Radioactivity, Natural; ...5.0790

Sea Water Properties

NAVY ENVIRONMENT - TRACE ELEMENT DISTRIBUTION IN THE OCEANS & SEA FLOOR SEDIMENTS, THE CONTROLLINC BIOCHEMICAL AND PHYSICAL PROCESSES ...Forecasting - Prediction; Marine Biology - General; Marine Geology; Marine Pollution; Monitoring; Sea Water Chemistry; Trace Elements; ...2.0186

PHYSICO-CHEMICAL PROCESSES AND IONIC STATES OF MICROCONSTITUENTS IN SEA WATER AND THEIR RELATION TO RADIOECOLOGY OF NORTH ADRIATIC ...Chelation & Complexing; Kinetics; Marine Environments; Mediterranean Sea; Radioactivity; Sea Water Chemistry; Water Chemistry; ...2.0460

GEOSECS - ACQUISITION AND CONSTRUCTION OF SHIPBOARD ANALYTICAL EQUIPMENT AND HYDROGRAPHIC AND SAMPLING SYSTEMS ...Gas Chromatography; Marine Biology - General; Organics; Radioactivity; ...2.0502

GEOSECS - OPERATIONS STAFF ...Data Reduction and Analysis; Man Machine Systems; Ocean Circulation -general; Particle - Gas Transfer; Sampling; Ships and Cruises; ...2.0503

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Gulf of Mexico; Marine Environments; Marine Pollution; Ocean Currents; Ocean Hydrodynamics; Sea Water Chemistry; Ships and Cruises; Temperature; Water Movement -general; ...2.0509

WESTERN BEAUFORT SEA ECOLOGICAL CRUISE (WEBSEC 9-70) ...Alaska; Bays; Ecological Effects; Marine Biology - General; Oil; Sea Water Chemistry; Ships and Cruises; Water Standards & Baselines; ...2.0537

COMPLETION OF AN ECOLOGICAL SURVEY CRUISE IN THE SOUTHEASTERN CHUKCHI SEA ...Alaska; Aquatic Plants - nonspecific; Marine Biology - General; Oil and Natural Gas - Sulfur; Water Standards & Baselines; ...2.0538

GEOSECS RADIOCARBON AND TRITIUM MEASUREMENTS ...Animal Productivity; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Plant Productivity -general; Sea Water Chemistry; Sea Water Sampling; ...2.0548

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal

Productivity; Gases; Marine Biology - General; Marine Environments; Mass Spectroscopy; Ocean; Organic Water Properties; Particle - Gas Transfer; Radioactivity; Waste Management -see Specific; ...2.0564

GEOSECS - PREPARATIONS R/V KNORR, CONSTRUCTION GEOSECS BUILDING, PROVISION SHIPBOARD EQUIPMENT, AND THE GEOSECS SUMMER INSTITUTES ...Animal Productivity; Marine Biology - General; Marine Pollution; Ocean Mixing; Plant Productivity -general; Research Facilities; Ships and Cruises; ...2.0621

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Gas Chromatography; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Radioactivity; Water Standards & Baselines; ...2.0699

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Carbon; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics, Primary Productivity - Plants; Sea Water Chemistry; ...2.0742

SAN FRANCISCO BAY ...Bathymetry; California; Marine Biology - General; Marine Pollution; San Francisco Bay; Sedimentary History; Water Quality -general; ...2.0970

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Benthic Organisms -nonspecific; Disposal; Harbors; Industrial Wastes; Marine Biology - General; Marine Pollution; Ocean Dumping; Solid Waste; ...2.1353

Acoustical Properties

NAVY ENVIRONMENTS - ARCTIC SEA ICE ORGANISMS ...Marine Biology - General; Marine Fouling; Optical Properties; Polar Regions; ...2.0473

GEO-ENVIRONMENTAL AND MINERAL RESOURCES PROGRAM ...Great Lakes -see Specific Lake; Manganese; Ocean Profiles; Water Pollution Sources; ...2.0863

Density

HYDROGRAPHY OF NEW YORK BIGHT IN RELATION TO OFFSHORE WASTE DISPOSAL ...Atlantic Ocean; New Jersey; Ocean Hydrodynamics; Salinity; Temperature; Waste Disposal-see Solid Waste; Water Movement -general; ...2.1332

Depth

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

STANDARD MONITORING SECTIONS A-6 AND A-7 CRUISE AND AIGIST 1970 NERVE GAS DUMP SITE SURVEY ...Atlantic Ocean; Environmental Hazards; Marine Pollution; Ocean Currents; Salinity; Temperature; ...2.0536

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Gases; Marine Biology - General; Marine Environments; Mass Spectroscopy; Ocean; Organic Water Properties; Particle - Gas Transfer; Radioactivity; Waste Management -see Specific; ...2.0564

GEOCHEMICAL OCEAN SECTION STUDY ...Activation Analysis; Chemical Composition; Gamma Spectroscopy; Marine Geology; Radioactive Isotopes; Radioactivity; Sea Water Chemistry; Trace Analysis; ...2.0844

MIXING, DIFFUSION AND CIRCULATION RATES IN OCEAN WATERS ...Atlantic Ocean; Chemical Reactions; Gases; Marine Environments; Ocean Turbulence; Radioactivity; Sea Water Mass & Ocean Fronts; ...2.1067

Electrical Properties

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Deltas; Marine Biology - General; Marine Environments; Radioactive Isotopes; Temperature; Trace Elements; Xray Diffraction; ...5.0068

Optical Properties

NAVY ENVIRONMENTS - ARCTIC SEA ICE ORGANISMS ...Acoustical Properties; Marine Biology - General; Marine Fouling; Polar Regions; ...2.0473

Pressure

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Deltas; Electrical Properties; Marine Biology - General; Marine Environments; Radioactive Isotopes; Temperature; Trace Elements; Xray Diffraction; ...5.0068

Temperature

EFFECTS OF PARTICULATES ON RADIOMETRIC MEASUREMENT OF SEA SURFACE TEMPERATURE & ON INFRARED COOLING RATES IN TROPOSPHERE (ABBREV) ...Bomex; Data Reduction and Analysis; Heat Balance - Budget; Marine Environments; Particulates - Air Pollution; Weather Data; ...1.0332

VENTURA CALIFORNIA COOP ...Aquifers; Fresh Water; Groundwater Basins; Mapping; Marine Geology; Ocean Profiles; Salinity; Seismology; Tectonic History - Mountains; ...2.0038

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; India; Marine Biology - General; Ocean Currents; Radioactivity; Radioecology - Plants; Salinity; Vertebrates Excl. Man; Water Pollution Sources; ...2.0136

OCEAN CIRCULATION ...Air Pollution; Atlantic Ocean; Marine Environments; Mathematical Models; Model Studies; Ocean Currents; Ocean Turbulence; ...2.0508

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Gulf of Mexico; Marine Environments; Marine Pollution; Ocean Currents; Ocean Hydrodynamics; Sea Water Chemistry; Ships and Cruises; Water Movement -general; ...2.0509

STANDARD MONITORING SECTIONS A-6 AND A-7 CRUISE AND AIGIST 1970 NERVE GAS DUMP SITE SURVEY ...Atlantic Ocean; Depth; Environmental Hazards; Marine Pollution; Ocean Currents; Salinity; ...2.0536

SPACECRAFT OCEANOGRAPHY PROJECT ...Data Acquisition; Electronic Detection, Tracking, Management; Marine Pollution; Microwave Radiation; Sea Ice; Space Science and Technology; Spacecraft Sensory Devices; Visible Light; ...2.0541

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity, Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

MIXING, DIFFUSION AND CIRCULATION RATES IN OCEAN WATERS ...Atlantic Ocean; Chemical Reactions; Gases; Marine Environments; Ocean Turbulence; Radioactivity; Sea Water Mass & Ocean Fronts; ...2.1067

HYDROGRAPHY OF NEW YORK BIGHT IN RELATION TO OFFSHORE WASTE DISPOSAL ...Atlantic Ocean; Density; New Jersey; Ocean Hydrodynamics; Salinity; Waste Disposal-see Solid Waste; Water Movement -general; ...2.1332

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ...Aquaria; Industrial Wastes; Mining Industry; Physiological Effects; Salinity (water); Turbidity; Water Pollution Effects; ...2.1487

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

THE EFFECTS OF THERMAL LOADING ON THE HAWAIIAN MARINE BIOTA ...Animal Life History Studies; Ecological Effects; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Thermal Pollution; ...2.1539

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Tracers; ...2.1731

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Deltas; Electrical Properties; Marine Biology - General; Marine Environments; Radioactive Isotopes; Trace Elements; Xray Diffraction; ...5.0068

Thermal Properties

REMOTE SENSING OF WATER QUALITY IN THE MARINE ENVIRONMENT ...Aerial Photography -see Photo.; Electronic Detection, Tracking; Infra Red Photography; Marine Environments; Marine Pollution; ...2.0615

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Copepoda; Environmental Ecology; Fish; Marine Animals; Mollusca; Population Dynamics - general; Salinity (water); ...2.1693

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...California; Data Reduction and Analysis; Fluid Mechanics; Ocean; Ocean Waves -see Waves; Pacific Ocean; Salinity; Sewer Systems; ...3.0068

Thermocline

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Marine Geology; Mercury; Pacific Ocean; Radioactivity; Sea Water Sampling; Trace Analysis; ...2.0418

RESEARCH ON PHYSICAL ASPECTS OF THERMAL POLLUTION ...Energy Conversion; Fluid Mechanics; Forecasting - Prediction; Lakes; Mathematical Models; Stratification (water); Thermal Pollution; ...2.1063

MEASUREMENTS OF NATURAL RADIOCARBON AND TRITIUM ...Carbon - 14 Dating; Dendrochronology; Marine Environments; Precipitation; Radioactivity, Natural; Sea Water Mass & Ocean Fronts; ...5.0790

Thermodynamics

ANALYTICAL PHYSICAL MODEL ...Bays; Biological Water Properties; Marine Pollution; Mathematical Analysis, Mathematical Models; Physical Models; Rhode Island; ...2.0777

Turbidity

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; ...2.0040

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ...Aquaria; Industrial Wastes; Mining Industry; Physiological Effects; Salinity (water); Temperature; Water Pollution Effects; ...2.1487

RADIOECOLOGICAL STUDY OF THE HUMBOLDT BAY MARINE ENVIRONMENT - DEVELOPMENT OF A MODEL ...Algal Physiology; Invertebrate Physiology; Marine Biology - General; Marine Geology; Plankton; Radioactivity; ...2.1491

Sea Water Sampling

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources; Estuaries; Fish; Marine Animals; Marine Environments; Organics; Radioactivity; Trace Elements; Zinc; ...2.0028

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - SUBPROJECT I - DETAILED EXPLORATION OF CS-137 AND CS-133 IN THE OCEAN ...Atmospheric Dynamics; Marine Environments; Ocean Circulation -general; Pacific Ocean; Radioactivity; Sea Water Mass & Ocean Fronts; Trace Elements; ...2.0050

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Activation Analysis; Cesium; Fish; Marine Animals; Radioactive Fallout; Radioactivity; Zinc; ...2.0051

STRONTIUM-90 FALLOUT OVER THE OCEAN ...Atlantic Ocean; Marine Environments; Ocean Circulation -general; Ocean Mixing; Precipitation Gages; Radioactivity; Rain; ...2.0270

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Marine Geology; Mercury; Pacific Ocean; Radioactivity; Trace Analysis; ...2.0418

RADIOCARBON IN THE SEA ...Carbon; Marine Biology - General; Ocean Mixing; Polar Oceanic Areas; Radioactivity; Ships and Cruises; Wind; ...2.0427

GEOSECS - ACQUISITION AND CONSTRUCTION OF SHIPBOARD ANALYTICAL EQUIPMENT AND HYDROGRAPHIC AND SAMPLING SYSTEMS ...Gas Chromatography; Marine Biology - General; Organics; Radioactivity; Sea Water Properties; ...2.0502

GEOSECS - OPERATIONS STAFF ...Data Reduction and Analysis; Man Machine Systems; Ocean Circulation -general; Particle - Gas Transfer; Sampling; Sea Water Properties; Ships and Cruises; ...2.0503

MEASUREMENTS OF BOMB-PRODUCED RADIOCARBON IN THE SURFACE AND SUB-SURFACE WATER OF THE PACIFIC OCEAN ...Indian Ocean -general; Marine Environments; Ocean Mixing; Pacific Ocean; Particle - Gas Transfer; Radioactivity; Seismology; ...2.0505

GEOSECS RADIOCARBON AND TRITIUM MEASUREMENTS ...Animal Productivity; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Plant Productivity -general; Sea Water Chemistry; ...2.0548

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils; Benthic Organisms -nonspecific; Marine Animals; Marine Environments; Marine Geology; Offshore Oil; Pesticides -nonspecific; Petroleum -see Oil; Zooplankton; ...2.0560

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Atlantic Ocean; Fish; Marine Biology - General; Marine Pollution; Pesticides -see Pesticide; Water Standards & Baselines; ...2.0620

GEOSECS - PREPARATIONS R/V KNORR, CONSTRUCTION GEOSECS BUILDING, PROVISION SHIPBOARD EQUIPMENT, AND THE GEOSECS SUMMER INSTITUTES ...Animal Productivity; Marine Biology - General; Marine Pollution; Ocean Mixing; Plant Productivity -general; Research Facilities; Sea Water Properties; Ships and Cruises; ...2.0621

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Gas Chromatography; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Radioactivity; Sea Water Properties; Water Standards & Baselines; ...2.0699

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Carbon; Industrial Wastes; Marine Biology - General; Ocean Circulatioe -general; Organics; Primary Productivity - Plants; Sea Water Chemistry; Sea Water Properties; ...2.0743

GEOCHEMICAL OCEAN SECTION STUDY ...Activation Analysis; Chemical Composition; Gamma Spectroscopy; Marine Geology; Radioactive Isotopes; Radioactivity; Sea Water Chemistry; Trace Analysis; ...2.0844

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo ; Chemical Analysis -general; Dispersion (water); Effluents - Waste Water; Industrial Wastes; Marine Photography- Television; Oregon; Pulp and Paper Wastes; Surveying; ...2.1678

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Water Pollutants - Path of; ...2.1765

Sediment Deposition

Deposition-general

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Channel Roughness; Currents (water); Estuaries; Fluid Mechanics; Forecasting - Prediction; Rate of Deposition; Sedimentation; Solid Waste; Turbidity (water); ...2.0101

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Animal Productivity; Density; Dystrophic Lakes; Nutrients; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Productivity -general; Stratification (water); ...2.0195

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Location; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Fertilizers; Gulf of Mexico; Lead; Marine Geology; Nuclear Radiation; Radiochemical Analysis; Runoff (water); Streams; ...2.0380

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Flood Control; Flood Routing;

Forecasting - Prediction; Land Use; Mathematical Models; Rain Amount; Sediment Yield; Texas; ...2.0388

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ...Agricultural Watersheds; Hydraulics; New England Province; Physical Properties; Sediments; Snowmelt; Suspension; ...2.0406

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Data Reduction and Analysis; Estuaries; Mathematical Models; Radioactivity; Streams; Tides; Water Pollution Sources; ...2.0749

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes; Mechanism Determination; Pesticides -see Pesticide; Wisconsin; ...2.0858

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo., Animal Habitat Studies; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

EFFECTS OF ALTERNATE BLOCK CUTTING ON STREAMBED SEDIMENTATION & WATER TEMPERATURES IN BUMMER LAKE CREEK, DEL NORTE COUNTY, CALIFORNIA ...Animal Habitat Studies; California; Fish and Shellfish; Forest Watersheds; Lumbering -general; Salmonidae; Temperature (water); ...2.1497

EFFECTS OF SILTATION AND COARSER SEDIMENTS ON DISTRIBUTION AND ABUNDANCE OF STREAM-INHABITING INSECTS ...Aquatic Ecology - Animal; Environment Resistance-animals; Sediments; Silting (water) -see Sediment; Size; Turbidity (water); Vertical Distribution; ...2.1542

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Delaware River; Effluents - Waste Water; Estuaries; Industrial Wastes; Sedimentation; Waste Disposal-see Solid Waste; Water Resources Development; Water Utilization -general; ...2.1903

ENVIRONMENTAL EFFECTS ON THE CONTENT OF CS137 IN MILK ...Air Pollution -see Specifics; Food Contamination; Lakes; Radioactive Fallout; Reservoirs and Impoundments; Strontium; ...5.0081

Deposits

MICROBIAL INTERVENTION IN THE EUTROPHICATION PROCESS ...Algae -nonspecific; Aquatic Soils; Eutrophication; Mineralogical Water Properties; Organic Properties; Plant Food Chains; ...2.0177

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Urban Research -general; ...2.0180

PLANT-AVAILABLE PHOSPHORUS STATUS OF LAKES ...Algae -nonspecific; Chemical Analysis (water); Eutrophication; Microorganisms -nonspecific; Phosphorus; Phosphorus and Phosphorus Cpds; ...2.0436

RELATION OF PHOSPHORUS IN LAKE BOTTOM DEPOSITS AND POLLUTIONAL HISTORY OF MINNESOTA LAKES ...Core Analysis; Environmental Geology; Lakes; Nutrients; Phosphorus and Phosphorus Cpds; ...2.0643

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation, Water Resources, Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

Alluvium - Alluvial

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Range Management, Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

GEOLOGIC INVESTIGATIONS, NEVADA TEST SITE ...Borehole Geophysics, Faults - Geology; Nevada; Water Table; ...2.0070

GAVE DE PAU RIVER ...Flow Characteristics (water); France; Water Quality Control -general; ...2.0110

POTOMAC RIVER BASIN PROJECT ...Drilling and Coring; Groundwater; Mapping; River Basins; Water Table; ...2.1117

CRITERIA FOR WASTE-DISPOSAL SITES IN THE KANSAS RIVER VALLEY Chemical Analysis (water); Kansas; Scouring; Waste Disposal-see Solid Waste; Water Depth, Water Levels; Water Table; ...2.1273

NORTHEAST VIRGINIA ..Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE: THE MINERALIZATION OF ORGANIC NITROGEN IN SOILS FROM VOLCANIC MATERIAL ...Humid Climates; Organic Soils -see Soils; Radiation Effects - Biological; Sediment Lithification; Soil Chemical Properties; Soil Organic Content; ...5.0219

Lake Deposits

AN ASSESSMENT OF RADIOACTIVE FALLOUT ...Canada; Lakes; Radioactive Fallout; Sedimentation; ...2.0085

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Eutrophic Lakes; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

FATE OF TRACE METALS DERIVED FROM POLLUTION SOURCES IN LAKE MICHIGAN ...Adsorption; Chemical Properties; Lead; Trace Elements; ...2.0131

PHOSPHATE RETENTION BY LAKE SEDIMENTS AS A FACTOR IN THE EUTROPHICATION OF LAKES ...Chemical Properties; Effluents - Waste Water; Eutrophication; Geochemical Analysis (water); Land Use; Water Chemistry; ...2.0167

ROLE OF FUNGI & ALGAE IN FORMATION AND HYDROLYSIS OF LAKE ERIE SEDIMENTS ...Algae - Cyanophyta; Aquatic Fungi -nonspecific; Biological Cycles; Cellular Catabolism-see Degrad; Eutrophication; Lake Erie; Sediment Lithification; ...2.0301

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Bacterial Ecology; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Eutrophication; Oregon; Water Bacteria; ...2.0324

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Chemical Properties; Eutrophication; Geochemical Analysis (water); Mineralogical Water Properties; Nutrients; Organic Properties; Soil Chemical Properties; Water Bacteria; ...2.0336

ROLE OF PHOSPHORUS-SEDIMENT INTERACTIONS IN EUTROPHICATION ...Chemical Properties; Eutrophication; Mineralogical Properties; Phosphorus and Phosphorus Cpds; ...2.0437

NITROGEN TRANSFORMATIONS IN LAKE SEDIMENTS ...Aquatic Soils; Eutrophic Lakes; Eutrophication; Nitrogen and Nitrogen Cpds.; Nutrients; ...2.0445

ROLE OF SULFATE AND MANGANESE OXIDES ON THE RELEASE OF PHOSPHORUS FROM LAKE SEDIMENTS ...Chemical Properties; Eutrophication; Leaching; Phosphorus and Phosphorus Cpds; Water Chemistry; ...2.0447

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection; Chemical Water Properties; Growth; Lakes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Stratification (water); Temperature; ...2.0448

EFFECTS OF SOUTH SHORE DRAINAGE BASINS AND CLAY EROSION ON THE PHYSICAL AND CHEMICAL LIMNOLOGY OF WESTERN LAKE SUPERIOR. ...Chemical Analysis (water); Clay Soils; Facies; Lake Superior; Pleistocene Epoch; Water Quality -general; ...2.0459

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Acidity (water); Aquatic Soils; Bottom Sampling; Geochemical Analysis (water); Lakes; Mineralogical Properties; Social Aspects; Soil pH; ...2.0606

RELATION OF PHOSPHORUS IN LAKE BOTTOM DEPOSITS AND POLLUTIONAL HISTORY OF MINNESOTA LAKES ...Core Analysis; Environmental Geology; Lakes; Nutrients; Phosphorus and Phosphorus Cpds; ...2.0643

DIATOMS IN LAKES AND LAKE SEDIMENTS AS AN INDEX TO ENVIRONMENT ...Aquatic Soils; Core Analysis; Literature Search; Paleontology; Pollens -see Air Pollution; Water Standards & Baselines; ...2.0647

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling, Types of Resources; Water Quality -general; ...2.0703

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes; Mechanism Determination; Pesticides -see Pesticide; Wisconsin; ...2.0858

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth, Water Levels; ...2.1272

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

Loess

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles; Infiltration; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types -also See Specifics; Tillage, Cropping Systems; ...2.0147

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

Sand Bars

DELAWARE ESTUARY SEDIMENTATION STUDY ...Adsorption Capacity; Estuaries; Location; Rate of Deposition; Sediment Yield; Shoreline Geomorphology; Streams; Supply Rate; ...2.0342

Stream Deposits

MERCURY TRANSFORMATIONS IN RIVER BOTTOM SEDIMENTS ...Aquatic Soils; Cellular Catabolism-see Degrad; Mercury; Microorganisms -nonspecific; Sediments; Wisconsin; ...2.0438

Unconsolidated Deposits

SOIL ENGINEERING RESEARCH ...California; Environmental Hazards; San Francisco Bay; Soil Loads; Tectonics; ...2.0039

ENGINEERING GEOLOGY RECONNAISSANCE STUDIES OF COASTAL COMMUNITIES, ALASKA ...Alaska; Environmental Hazards; Harbors; Marine Geology; Mass Wasting, Geological; Seismology; Tectonics; Waves -see Ocean Waves; ...2.0065

SAN FRANCISCO BAY SEDIMENTS ENGINEERING GEOLOGY STUDIES, CALIFORNIA ...California; Engineering Geology; Mineralogical Properties; Rock Mechanics - Geology; Rocks - Bedrock; Sediment Thickness; Tectonic History - Mountains; ...2.0069

ENVIRONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT ...Aquifers; Erosion; Landfills - see Water Pollution; Recharge (water); Septic Tanks; Surficial Geology Studies; Vermont; Water Table; ...2.1437

Rate of Deposition

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Erosion; Sediment Transport; Sedimentation; Streams; Survey Studies (water); ...2.0061

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Channel Roughness; Currents (water); Estuaries; Fluid Mechanics; Forecasting - Prediction; Sedimentation; Solid Waste; Turbidity (water); ...2.0101

RESERVOIR SEDIMENTATION ...Aquatic Soils; Chemical Properties; Model Studies; Physical Properties; Reservoirs and Impoundments; Sedimentation; Soil Chemical Properties; Spillways; ...2.0213

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Location; Physical Properties; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

SILTATION RATES AND LIFE EXPECTANCIES OF SMALL HEADWATER RESERVOIRS IN MONTANA ...Chemical Water Properties; Geology -general; Morphology; Radioactive Fallout; Reservoirs and Impoundments; ...2.0235

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Sediment Yield; Size; Southern U. S., Suspension; ...2.0313

DELAWARE ESTUARY SEDIMENTATION STUDY ...Adsorption Capacity; Estuaries; Location; Sand Bars; Sediment Yield; Shoreline Geomorphology; Streams; Supply Rate; ...2.0342

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Agricultural Runoff; Farm Pond; Great Plains Province; Precipitation; Precipitation Gages; Sediment Yield; Soil Texture; Survey Studies (water); ...2.0366

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

FRESH-SALT WATER IN ESTUARIES SEDIMENTATION PROCESSES ...Estuaries; Marine Environments; Physical Models; Suspension; Tides; Turbidity (water); Virginia; ...2.1123

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

Sediment Thickness

SAN FRANCISCO BAY SEDIMENTS ENGINEERING GEOLOGY STUDIES, CALIFORNIA ...California; Engineering Geology; Mineralogical Properties; Rock Mechanics - Geology; Rocks - Bedrock; Tectonic History - Mountains; Unconsolidated Deposits; ...2.0069

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Effluent-standards; Forest Management; Idaho; Irrigation; Water Costs; Water Reuse; ...2.1241

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

Sediment Lithification

DISSOLVED CONSTITUENTS OF NATURAL WATERS - CONTRIBUTIONS FROM MINERALIZED AREAS ...Acid Mine Wastes; Geochemical Analysis (water); Groundwater; Mineralogical Properties; ...2.0244

ROLE OF FUNGI & ALGAE IN FORMATION AND HYDROLYSIS OF LAKE ERIE SEDIMENTS ...Algae - Cyanophyta; Aquatic Fungi -nonspecific; Biological Cycles; Cellular Catabolism-see Degrad; Eutrophication; Lake Erie; ...2.0301

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

PRECISION RATIO GAS-SOURCE MASS SPECTROMETER ...Bauxite; Chemical Analysis -general; Geochemical Investigations; Mineralogical Properties; Organic Water Properties; Salinity, Sedimentary History; Water Quality -general; ...2.0815

COMPATIBILITY OF SUBSURFACE RESERVOIRS WITH INJECTED LIQUID WASTES ...Chemical Analysis (water); Economic Efficiency; Industrial Wastes; Porosity; ...2.1149

PEAT STUDIES ...Environmental Geology; Maryland; Peat; Pennsylvania; West Virginia; ...3.0365

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE: THE MINERALIZATION OF ORGANIC NITROGEN IN SOILS FROM VOLCANIC MATERIAL ...Alluvium - Alluvial; Humid Climates; Organic Soils -see Soils; Radiation Effects - Biological; Soil Chemical Properties; Soil Organic Content; ...5.0219

Sediment Properties

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Channel Roughness; Currents (water); Estuaries; Fluid Mechanics; Forecasting - Prediction; Rate of Deposition; Sedimentation; Solid Waste; Turbidity (water); ...2.0101

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; Land Use; New York; Plants - Dicotyledons; Taxonomy -plant; Water Quality -general; ...2.0687

Chemical Properties

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

SAN FRANCISCO BAY SEDIMENTS ENGINEERING GEOLOGY STUDIES, CALIFORNIA ...California; Engineering Geology; Mineralogical Properties; Rock Mechanics - Geology; Rocks - Bedrock; Sediment Thickness; Tectonic History - Mountains; Unconsolidated Deposits; ...2.0069

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Eutrophic Lakes; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

FATE OF TRACE METALS DERIVED FROM POLLUTION SOURCES IN LAKE MICHIGAN ...Adsorption; Lake Deposits; Lead; Trace Elements; ...2.0131

PHOSPHATE RETENTION BY LAKE SEDIMENTS AS A FACTOR IN THE EUTROPHICATION OF LAKES ...Effluents - Waste Water; Eutrophication; Geochemical Analysis (water); Land Use; Water Chemistry; ...2.0167

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Biological Effects; Cooperative Studies; Estuaries; Invertebrates -nonspecific; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Size; Texture; ...2.0210

RESERVOIR SEDIMENTATION ...Aquatic Soils; Model Studies; Physical Properties; Reservoirs and Impoundments; Sedimentation; Soil Chemical Properties; Spillways; ...2.0213

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Effects; Harbors; Location; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Estuaries; Fish; Iron; Marine Animals; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

ROLE OF FUNGI & ALGAE IN FORMATION AND HYDROLYSIS OF LAKE ERIE SEDIMENTS ...Algae - Cyanophyta; Aquatic Fungi -nonspecific; Biological Cycles; Cellular Catabolism-see Degrad; Eutrophication; Lake Erie; Sediment Lithification; ...2.0301

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Carbon; Cellular Catabolism-see Degrad; Eutrophic Lakes; Kinetics; Water Bacteria; ...2.0323

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Eutrophication; Geochemical Analysis (water); Mineralogical Water Properties; Nutrients; Organic Properties; Soil Chemical Properties; Water Bacteria; ...2.0336

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Contamination; Eastern U. S.; Landfill; Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

PLANT-AVAILABLE PHOSPHORUS STATUS OF LAKES ...Algae -nonspecific; Chemical Analysis (water); Deposits; Eutrophication; Microorganisms -nonspecific; Phosphorus, Phosphorus and Phosphorus Cpds; ...2.0436

ROLE OF PHOSPHORUS-SEDIMENT INTERACTIONS IN EUTROPHICATION ...Eutrophication; Lake Deposits; Mineralogical Properties; Phosphorus and Phosphorus Cpds; ...2.0437

NITROGEN TRANSFORMATIONS IN LAKE SEDIMENTS ...Aquatic Soils; Eutrophic Lakes; Eutrophication; Lake Deposits; Nitrogen and Nitrogen Cpds.; Nutrients; ...2.0445

MERCURY UPTAKE AND RELEASE BY BOTTOM SEDIMENTS ...Adsorption; Aquatic Soils; Chemical Water Properties; Mercury; Physical Water Properties; Soil Chemical Properties; Wisconsin; ...2.0446

ROLE OF SULFATE AND MANGANESE OXIDES ON THE RELEASE OF PHOSPHORUS FROM LAKE SEDIMENTS ...Eutrophication; Lake Deposits; Leaching; Phosphorus and Phosphorus Cpds; Water Chemistry; ...2.0447

SEDIMENTOLOGY OF LOUISIANA'S ESTUARIES ...Aquatic Soils; Drilling and Coring; Louisiana; Nitrogen and Nitrogen Cpds.; Sedimentation; Size; ...2.0604

DETECTION, IDENTIFICATION, AND DETERMINATION OF OILS, TARS, AND SLIMES BY REFLECTANCE SPECTROSCOPY ...California; Internal Reflection; Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0630

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Channels; Drainage; Eutrophication; Fish; Pesticide Residues; Pesticides -see Pesticide; Reservoirs and Impoundments; Turbidity (water); ...2.0653

MINERALIZATION OF ORGANIC PHOSPHORUS IN OLIGOTROPHIC LAKE SEDIMENTS ...Aluminum; Catalysts; Chemical Water Properties; Hydrolysis, Esterification; Lime Treatment; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; ...2.0692

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Geochemical Analysis (water); Isotope Tracer - see Tracers; Mineralogical Properties; Salt Water; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties - general; Water Standards & Baselines; ...2.0701

DETERMINATION OF TRACE METAL POLLUTANTS IN WATER RESOURCES AND STREAM SEDIMENTS ...Analysis and Detection; Sediments; Trace Elements; Water Pollutant Identification; Water Pollution Sources; X-ray Spectroscopy; ...2.0727

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl. Adsorption); Arsenic; Contamination - Soil; Industrial Wastes; Particulates - Air Pollution; Precipitation; Soil Chemical Properties; Water Pollutants - Path of; ...2.0862

HYDROUS METAL OXIDES - THEIR GEOCHEMISTRY AND EFFECT ON WATER QUALITY ...Adsorption; Adsorption Capacity; Geochemical Analysis (water); Physiological Effects; Water Pollution -see Specifics; ...2.0969

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Absorbed Load; Channels; Chemical Water Properties; Estuaries; Mineralogical Properties; Streams; Tides; Water Pollutants - Path of; ...2.1086

MINE SPOIL POTENTIALS FOR WATER QUALITY AND CONTROLLED EROSION ...Agricultural Runoff; Drilling and Coring; Mineralogical Properties; Strip Mines; Weathering Products; ...2.1452

STANDARDS AND CRITERIA - EFFECT OF TURBIDITY ...Sediments; Soil Tillage; Turbidity (water); Water Utilization -general; ...2.1510

PHOSPHATE EXCHANGE WITH SEDIMENTS ...Analysis and Detection; Chemical Water Properties; Eutrophication; Sedimentation; Water Quality Control -general; ...2.1582

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Eastern U. S.; Gramineae; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; Water Cycle; ...5.0032

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

Interstitial - Connate Water

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling; Chlorine; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics -general; Rural Areas; Size; ...2.0776

Mineralogical Properties

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineral Analysis; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

SAN FRANCISCO BAY SEDIMENTS ENGINEERING GEOLOGY STUDIES, CALIFORNIA ...California; Engineering Geology; Rock Mechanics - Geology; Rocks - Bedrock; Sediment Thickness; Tectonic History - Mountains; Unconsolidated Deposits; ...2.0069

PHOSPHATE RETENTION BY LAKE SEDIMENTS AS A FACTOR IN THE EUTROPHICATION OF LAKES ...Chemical Properties; Effluents - Waste Water; Eutrophication; Geochemical Analysis (water); Land Use; Water Chemistry; ...2.0167

DISSOLVED CONSTITUENTS OF NATURAL WATERS - CONTRIBUTIONS FROM MINERALIZED AREAS ...Acid Mine Wastes; Geochemical Analysis (water); Groundwater; Sediment Lithification; ...2.0244

SEDIMENT MINERALOGY ...Adsorption Capacity; Animal Productivity; Contamination - Water; Environmental Ecology; Marine Biology - General; Mineralogy; Ponds; Vertical Distribution; Zinc; ...2.0284

ROLE OF PHOSPHORUS-SEDIMENT INTERACTIONS IN EUTROPHICATION ...Chemical Properties; Eutrophication; Lake Deposits; Phosphorus and Phosphorus Cpds; ...2.0437

SEDIMENTARY FACIES IN LAKE BUTTE DES MORTS, WISCONSIN ...Depth (water); Drilling and Coring; Eutrophication; Organic Properties; Size; Wisconsin; ...2.0458

PARTITION COEFFICIENTS FOR FE, MN, CO, NI, ZN, CU, BETWEEN RIVER WATER AND SUSPENDED LOAD ...Dissolved Load; Mineral Analysis; Sediments; Trace Element Analysis; Water Standards & Baselines; ...2.0590

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Acidity (water); Aquatic Soils; Bottom Sampling; Geochemical Analysis (water); Lakes; Social Aspects; Soil pH; ...2.0608

TO DETERMINE THE PROPERTIES OF THE SUSPENDED SEDIMENT POPULATION OF CHESAPEAKE BAY ...Chesapeake Bay; Organic Properties; Physical Properties; Sediments; Size; Structural Source; Suspension; ...2.0610

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Salt Water; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

PRECISION RATIO GAS-SOURCE MASS SPECTROMETER ...Bauxite, Chemical Analysis -general; Geochemical Investigations; Organic Water Properties; Salinity; Sedimentary History; Water Quality -general; ...2.0815

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Absorbed Load; Channels; Chemical Water Properties; Estuaries; Streams; Tides; Water Pollutants - Path of; ...2.1086

MINE SPOIL POTENTIALS FOR WATER QUALITY AND CONTROLLED EROSION ...Agricultural Runoff; Drilling and Coring; Strip Mines; Weathering Products; ...2.1452

DETERMINE EFFECTS OF RESERVOIRS ALONG SUSQUEHANNA RIVER ON SEDIMENT BEING DISCHARGED INTO CHESAPEAKE BAY AT HAVRE DE GRACE, MD. ...Chesapeake Bay; Maryland; Reservoirs and Impoundments; Sediment Yield; Sediments; Size; Susquehanna River; ...2.1571

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

Organic Properties

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

PRIMARY PRODUCTION AND DECOMPOSITION IN ESTUARINE WATER ...Algae - Phaeophyta; Algal Physiology; Carbon; Cellular Catabolism-see Degrad; Estuaries; Marine Plants; ...2.0102

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Eutrophication; Indiana; Lakes; Synoptic Weather Observations; Temperature - Air; Vertical Distribution; Water Stratification; ...2.0137

THE FACTOR CONTROLLING THE DYNAMICS OF NONIONIC SYNTHETIC ORGANIC CHEMICALS IN AQUATIC ENVIRONMENTS ...Adsorption; Aquatic Soils; Lakes; Pesticide Aquatic Cycling; Primary Productivity - Plants; Soil Chemical Properties; Water Chemistry; ...2.0140

MICROBIAL INTERVENTION IN THE EUTROPHICATION PROCESS ...Algae -nonspecific; Aquatic Soils; Deposits; Eutrophication; Mineralogical Water Properties; Plant Food Chains; ...2.0177

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Chemical Properties; Eutrophication; Geochemical Analysis (water); Mineralogical Water Properties; Nutrients; Soil Chemical Properties; Water Bacteria; ...2.0336

NITROGEN TRANSFORMATIONS IN LAKE SEDIMENTS ...Aquatic Soils; Eutrophic Lakes; Eutrophication; Lake Deposits; Nitrogen and Nitrogen Cpds.; Nutrients; ...2.0445

SEDIMENTARY FACIES IN LAKE BUTTE DES MORTS, WISCONSIN ...Depth (water); Drilling and Coring; Eutrophication; Mineralogical Properties; Size; Wisconsin; ...2.0458

TO DETERMINE THE PROPERTIES OF THE SUSPENDED SEDIMENT POPULATION OF CHESAPEAKE BAY ...Chesapeake Bay; Mineralogical Properties; Physical Properties; Sediments; Size; Structural Source; Suspension; ...2.0610

A STUDY OF THE FACTORS DETERMINING THE OXYGEN UPTAKE OF BENTHAL STREAM DEPOSITS ...Acidity (water); Analysis and Detection; Exchange Capacity; Nitrogen and Nitrogen Cpds.; Nutrients; Size; Water Properties -general; ...2.0675

CHARACTERISTICS OF ORGANIC SUBSTANCES IN TIDAL MARSHES AND BENTHIC ENVIRONMENTS ...Ecological Effects; Estuaries; Marine Environments; Organic Matter; Swamps - Marshes; Tidewater Areas; ...2.1696

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

Physical Properties

RESERVOIR SEDIMENTATION ...Aquatic Soils; Chemical Properties; Model Studies; Reservoirs and Impoundments; Sedimentation; Soil Chemical Properties; Spillways; ...2.0213

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Location; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination; Eastern U. S.; Landfill; Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ...Agricultural Watersheds; Deposition-general; Hydraulics; New England Province; Sediments; Snowmelt; Suspension; ...2.0406

TO DETERMINE THE PROPERTIES OF THE SUSPENDED SEDIMENT POPULATION OF CHESAPEAKE BAY ...Chesapeake Bay; Mineralogical Properties; Organic Properties; Sediments; Size; Structural Source; Suspension; ...2.0610

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Channels; Drainage; Eutrophication; Fish; Pesticide Residues; Pesticides -see Pesticide; Reservoirs and Impoundments; Turbidity (water); ...2.0653

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Absorbed Load; Channels; Chemical Water Properties; Estuaries; Mineralogical Properties; Streams; Tides; Water Pollutants - Path of; ...2.1086

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth, Water Levels; ...2.1272

Adsorption Capacity

GEOCHEMISTRY-MINERALOGY OF THE MACKENZIE RIVER ...Chemical Water Properties; Geochemical Analysis (water); Polar Oceanic Areas; Suspension; ...2.0056

HYDROLOGIC STUDIES LEADING TO SITE UTILIZATION ...Management (water); Sediment Transport; Soil Tillage; Water Utilization -general; ...2.0075

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Eutrophic Lakes; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

THE FACTOR CONTROLLING THE DYNAMICS OF NONIONIC SYNTHETIC ORGANIC CHEMICALS IN AQUATIC ENVIRONMENTS ...Adsorption; Aquatic Soils; Lakes; Pesticide Aquatic Cycling; Primary Productivity - Plants; Soil Chemical Properties; Water Chemistry; ...2.0140

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Density; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

SEDIMENT MINERALOGY ...Animal Productivity; Contamination - Water; Environmental Ecology; Marine Biology - General; Mineralogy; Ponds; Vertical Distribution; Zinc; ...2.0284

THE MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Absorbed Load; Chemical Water Properties; Estuaries; Washington; Water Pollution Sources; ...2.0339

DELAWARE ESTUARY SEDIMENTATION STUDY ...Estuaries; Location; Rate of Deposition; Sand Bars; Sediment Yield; Shoreline Geomorphology; Streams; Supply Rate; ...2.0342

RADIONUCLIDE UPTAKE BY MARINE ORGANISMS IN ARTIFICIAL POOL AND ELIMINATION OF RADIOACTIVITY ...Marine Biology - General; Pollution Effects -see Water; Primary Productivity - Plants; Radioactivity; Radioecology - Plants; ...2.0368

COLUMBIA RIVER SEDIMENT STUDIES ...Estuaries; Nuclear Geochemistry; Sediments; Water Pollution Sources; ...2.0416

IN-CLOUD SCAVENGING ...Atmospheric Dynamics; Cloud Motions - Movement; Model Studies; Radioactive Fallout; Tracers; Wind; ...2.0417

A STUDY OF THE FACTORS DETERMINING THE OXYGEN UPTAKE OF BENTHAL STREAM DEPOSITS ...Acidity (water); Analysis and Detection; Exchange Capacity; Nitrogen and Nitrogen Cpds.; Nutrients; Size; Water Properties -general; ...2.0675

INFLUENCE OF SUSPENDED MICROSCOPIC SUBSTANCES ON THE METABOLISM OF MICROORGANISMS RESPONSIBLE FOR BIOLOGICAL ENRICHMENT OF WATER ...Ecological Effects; Microorganisms -nonspecific; Pesticides -nonspecific; Sediments; Water Pollutants - Path of; ...2.0723

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Columbia River; Data Reduction and Analysis; Estuaries; Mathematical Models; Radioactivity; Streams; Tides; Water Pollution Sources; ...2.0749

MODEL RIVER SYSTEM STUDIES ...Bed Load; Cobalt; Energy Conversion; Flume Studies; Model Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes; Mechanism Determination; Pesticides -see Pesticide; Wisconsin; ...2.0858

IMPROVEMENT OF QUALITY OF WATER RESOURCES BY A THREE-FOLD ATTACK - ADSORPTION, SEDIMENTATION AND MIXING ...Adsorption; Flocculation; Pollutant Removal; Process Design; Thermodynamics; Water Pollution Abatement; ...2.0905

THE EFFECTS OF SUSPENDED SILTS AND CLAYS ON SELF-PURIFICATION IN NATURAL WATERS ...Cellular Catabolism-see Degrad; Sediments; Size; Suspension; Water Pollution Effects; ...2.0960

HYDROUS METAL OXIDES - THEIR GEOCHEMISTRY AND EFFECT ON WATER QUALITY ...Adsorption; Geochemical Analysis (water); Physiological Effects; Water Pollution -see Specifics; ...2.0969

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Absorbed Load; Channels; Chemical Water Properties; Estuaries; Mineralogical Properties; Streams; Tides; Water Pollutants - Path of; ...2.1086

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Groundwater; Infiltration; Pesticide Residues Removal; Pesticides -see Pesticide; Sewage; Soil Organic Content; Waste Water Treatment -general; ...2.1540

GREEN BAY RESEARCH PROGRAM ...Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Clay Soils; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Cesium; Composition Controls; Diffraction; Ion Exchange; Mineralogy; Soil Chemical Properties; Soil Chemistry; X-ray Spectroscopy; ...5.0025

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Deltas; Electrical Properties; Marine Biology - General; Marine Environments; Radioactive Isotopes; Temperature; Trace Elements; Xray Diffraction; ...5.0068

Density

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies - general; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

Exchange Capacity

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Eutrophic Lakes; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

PHOSPHATE RETENTION BY LAKE SEDIMENTS AS A FACTOR IN THE EUTROPHICATION OF LAKES ...Chemical Properties; Effluents - Waste Water; Eutrophication; Geochemical Analysis (water); Land Use; Water Chemistry; ...2.0167

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

A STUDY OF THE FACTORS DETERMINING THE OXYGEN UPTAKE OF BENTHAL STREAM DEPOSITS ...Acidity (water); Analysis and Detection; Nitrogen and Nitrogen Cpds.; Nutrients; Size; Water Properties -general; ...2.0675

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Adsorption Capacity; Cesium; Composition Controls; Diffraction; Ion Exchange; Mineralogy; Soil Chemical Properties; Soil Chemistry; X-ray Spectroscopy; ...5.0025

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Fission Products-see Radioact.; Microscopy; Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

Permeability

EVALUATION OF THE MAGOTHY AQUIFER - ANNAPOLIS AREA, MARYLAND ...Aquifers; Drilling and Coring; Management (water); Model Studies; Saline Water Intrusion; Size; Water Resources Development; ...2.0169

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN NEW HAMPSHIRE ...Cooperative Studies; Mans Pollutional Activities; Soil Permeability; Water Pollutants - Path of; ...2.0184

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Pliocene Epoch; Silting (water) -see Sediment; Water Bacteria; Water Pollution Sources; ...2.0386

RADIOCARBON AS A TRACER IN GROUND WATER PROBLEMS ...Aquifers; Carbon - 14 Dating; Groundwater Movement; Radioisotopes; Recharge (water); Waste Disposal-see Solid Waste; ...2.0475

GEOHYDROLOGY OF SHALLOW AQUIFERS IN HENRY AND WEAKLEY COUNTIES, TENNESSEE ...Aquifers; Chemical Analysis (water); Geophysical Analysis; Tennessee; Water Wells; ...2.0803

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

INVESTIGATION OF PERMEABILITY OF FINE GRAINED GLACIAL SEDIMENTS IN RELATION TO WASTE DISPOSAL IN ILLINOIS ...Aquifers; Drainage; Illinois; Land Use; Till; Water Quality Control -general; ...2.1006

PRELIMINARY INVESTIGATION TO EVALUATE DEEP-WELL DISPOSAL POSSIBILITIES IN MOBILE, BALDWIN, AND ESCAMBIA COUNTIES, ALABAMA ...Alabama; Environmental Geology; Porosity; Specific Rock Unit; Urban Environment; Waste Disposal, Underground; Water Wells; ...2.1147

CONSERVATION OF FRESH-WATER RESOURCES BY DEEP-WELL DISPOSAL OF LIQUID WASTES ...Burial; Engineering Geology; Geophysical Analysis; Mathematical Models; Porosity; Subsurface; ...2.1148

COMPATIBILITY OF SUBSURFACE RESERVOIRS WITH INJECTED LIQUID WASTES ...Chemical Analysis (water); Economic Efficiency; Industrial Wastes; Porosity; Sediment Lithification; ...2.1149

Porosity

PRELIMINARY INVESTIGATION TO EVALUATE DEEP-WELL DISPOSAL POSSIBILITIES IN MOBILE, BALDWIN, AND ESCAMBIA COUNTIES, ALABAMA ...Alabama; Environmental Geology; Permeability; Specific Rock Unit; Urban Environment; Waste Disposal, Underground; Water Wells; ...2.1147

CONSERVATION OF FRESH-WATER RESOURCES BY DEEP-WELL DISPOSAL OF LIQUID WASTES ...Burial; Engineering Geology; Geophysical Analysis; Mathematical Models; Subsurface; ...2.1148

COMPATIBILITY OF SUBSURFACE RESERVOIRS WITH INJECTED LIQUID WASTES ...Chemical Analysis (water); Economic Efficiency; Industrial Wastes; Sediment Lithification; ...2.1149

Size

DOMESTIC WASTE DISCHARGE INTO A SILT LADEN ESTUARY ...Alaska; Chemical Water Properties; Data Reduction and Analysis; Forecasting - Prediction; Silting (water) -see Sediment; Sub - Polar Regions; Water Pollution Sources; ...2.0012

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Channel Roughness; Currents (water); Estuaries; Fluid Mechanics; Forecasting - Prediction; Rate of Deposition; Sedimentation; Solid Waste; Turbidity (water); ...2.0101

AREAL DISTRIBUTION AND PROVENANCE OF SEDIMENTS IN ST. GEORGE RIVER, KNOX COUNTY, MAINE ...Core Analysis; Drilling and Coring; Estuaries; Maine; Mineral Analysis; Sediment Provenance Studies; Sediments; ...2.0168

EVALUATION OF THE MAGOTHY AQUIFER - ANNAPOLIS AREA, MARYLAND ...Aquifers; Drilling and Coring; Management (water); Model Studies; Saline Water Intrusion; Water Resources Development; ...2.0169

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Biological Effects; Cooperative Studies; Estuaries; Invertebrates -nonspecific; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Texture; ...2.0210

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Southern U. S.; Suspension; ...2.0313

GEOCHEMICAL BEHAVIOR OF IRON AND MANGANESE IN A RESERVOIR (LAKE LYNN, WEST VIRGINIA) FED BY STREAMS CONTAINING ACID MINE DRAINAGE ...Acid Mine Wastes; Analysis and Detection; Geochemical Analysis (water); Precipitation; Sediments; Stratification (water); West Virginia; ...2.0431

SEDIMENTARY FACIES IN LAKE BUTTE DES MORTS, WISCONSIN ...Depth (water); Drilling and Coring; Eutrophication; Mineralogical Properties; Organic Properties; Wisconsin; ...2.0458

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Alabama; Bacterial Ecology; Bays; Coliforms -nonspecific; Marine Pollution; Sewage; Water Pollutant Identification; ...2.0464

SAND AND GRAVEL AQUIFERS OF NORTHEASTERN ILLINOIS ...Aquifers; Artificial Recharge; Illinois; Surficial Geology Studies; Water Resources Development; ...2.0579

SEDIMENTOLOGY OF LOUISIANA'S ESTUARIES ...Aquatic Soils; Chemical Properties; Drilling and Coring; Louisiana; Nitrogen and Nitrogen Cpds.; Sedimentation; ...2.0604

TO DETERMINE THE PROPERTIES OF THE SUSPENDED SEDIMENT POPULATION OF CHESAPEAKE BAY ...Chesapeake Bay; Mineralogical Properties; Organic Properties; Physical Properties; Sediments; Structural Source; Suspension; ...2.0610

A STUDY OF THE FACTORS DETERMINING THE OXYGEN UPTAKE OF BENTHAL STREAM DEPOSITS ...Acidity (water); Analysis and Detection; Exchange Capacity; Nitrogen and Nitrogen Cpds.; Nutrients; Water Properties -general; ...2.0675

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling; Chlorine; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics -general; Rural Areas; ...2.0776

REMOTE SENSING - TEKTITE, VIRGIN ISLANDS ...Man in the Sea Programs; Marine Environments; Marine Pollution; Puerto Rico; Spacecraft Sensory Devices; Virgin Islands; ...2.0819

ELECTROPHORETIC CLARIFICATION OF WATER ...Adsorption; Colloidal Phenomena; Filtration; Pesticide Residues Removal; Pesticides -see Pesticide; Waste Water Treatment - general; Water Pollutant Identification; ...2.0948

THE EFFECTS OF SUSPENDED SILTS AND CLAYS ON SELF-PURIFICATION IN NATURAL WATERS ...Adsorption Capacity; Cellular Catabolism-see Degrad; Sediments; Suspension; Water Pollution Effects; ...2.0960

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

PILOT STUDIES IN THE RESTORATION OF THE PHYSICAL ENVIRONMENT OF A STREAM TO MAINTAIN A CLEAN WATER FLORA AND FAUNA ...Animal Productivity; Filtration; Pilot Plants; Rehabilitation -streams -lakes; Water Quality Control -general; ...2.1462

STANDARDS AND CRITERIA - EFFECT OF TURBIDITY ...Chemical Properties; Sediments; Soil Tillage; Turbidity (water); Water Utilization -general; ...2.1510

EFFECTS OF SILTATION AND COARSER SEDIMENTS ON DISTRIBUTION AND ABUNDANCE OF STREAM-INHABITING INSECTS ...Aquatic Ecology - Animal, Deposition-general; Environment Resistance-animals; Sediments; Silting (water) -see Sediment; Turbidity (water); Vertical Distribution; ...2.1542

DETERMINE EFFECTS OF RESERVOIRS ALONG SUSQUEHANNA RIVER ON SEDIMENT BEING DISCHARGED INTO CHESAPEAKE BAY AT HAVRE DE GRACE, MD. ...Chesapeake Bay; Maryland; Mineralogical Properties; Reservoirs and Impoundments; Sediment Yield; Sediments; Susquehanna River; ...2.1571

THE EFFECT OF SALINITY ON THE OXIDATION OF HYDROCARBONS IN ESTUARINE ENVIRONMENTS ...Biodegradation-see Degradation; Cellular Physiology- Env. Eff.; Estuaries; Oil Removal; Petroleum Wastes - Spillage; Salinity (water); ...2.1611

NAVY ENVIRONMENT - FATE OF OIL AFTER A MAJOR OIL SPILL ...Marine Environments; Ship Wastes; Water Pollutants - Path of; ...3.0016

CLAY-WATER SYSTEMS IN RELATION TO ENGINEERING PROPERTIES OF CLAY MATERIALS ...Clay Soils; Infiltration; Mass Wasting, Geological; Septic Tanks; Suburban Areas; Urban Research -general; ...3.0050

A STUDY OF NATURAL RADIOACTIVITY IN BRAZIL ...Brazil; Factory Workers; Health & Geographic Factors; Lead; Occupational Hazards; Radiation, Low Level; Radioactive Hazard; Radioactive Pollution -ns; Radioactivity Studies -general; Sandy Soils -see Soil Type; Thorium; ...5.0100

Texture

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Biological Effects; Cooperative Studies; Estuaries; Invertebrates -nonspecific; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Size; ...2.0210

SEDIMENTOLOGY OF LOUISIANA'S ESTUARIES ...Aquatic Soils; Chemical Properties; Drilling and Coring; Louisiana; Nitrogen and Nitrogen Cpds.; Sedimentation; Size; ...2.0604

Sediment Provenance Studies

AREAL DISTRIBUTION AND PROVENANCE OF SEDIMENTS IN ST. GEORGE RIVER, KNOX COUNTY, MAINE ...Core Analysis, Drilling and Coring; Estuaries; Maine; Mineral Analysis; Sediments; Size; ...2.0168

Environment

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Insecticides -nonspecific; Lakes; Mechanism Determination; Pesticides -see Pesticide; Wisconsin; ...2.0858

Location

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Disturbance; Erosion; Iowa; Methods; Sediment Yield; Sediments; Soil Chemical Properties; ...2.0145

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

DELAWARE ESTUARY SEDIMENTATION STUDY ...Adsorption Capacity; Estuaries; Rate of Deposition; Sand Bars; Sediment Yield; Shoreline Geomorphology; Streams; Supply Rate; ...2.0342

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control; Flood Routing; Forecasting - Prediction; Land Use; Mathematical Models; Rain Amount; Sediment Yield; Texas; ...2.0388

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes; Mechanism Determination; Pesticides -see Pesticide; Wisconsin; ...2.0858

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

Mineralogy - Petrology

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineral Analysis; Mineralogical Properties; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

DISSOLVED CONSTITUENTS OF NATURAL WATERS - CONTRIBUTIONS FROM MINERALIZED AREAS ...Acid Mine Wastes; Geochemical Analysis (water); Groundwater; Mineralogical Properties; Sediment Lithification; ...2.0244

SOURCES OF SEDIMENT IN A MOUNTAIN RIVER BASIN ...River Basins; Sediments; Suspension; Tracers; ...2.0661

Sediment Relationship

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Trace Element Analysis; Turbidity; ...2.0040

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Bed Load; Conservation -see Soil Conser.; Erosion; Gully Or Channel Erosion; New Mexico; Sediment Yield; Semi - Arid Regions; Streams; ...2.0255

Structural Source

TO DETERMINE THE PROPERTIES OF THE SUSPENDED SEDIMENT POPULATION OF CHESAPEAKE BAY ...Chesapeake Bay; Mineralogical Properties; Organic Properties; Physical Properties; Sediments; Size; Suspension; ...2.0610

STANDARDS AND CRITERIA - EFFECT OF TURBIDITY ...Chemical Properties; Sediments; Soil Tillage; Turbidity (water); Water Utilization -general; ...2.1510

Supply Rate

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

DELAWARE ESTUARY SEDIMENTATION STUDY ...Adsorption Capacity; Estuaries; Location; Rate of Deposition; Sand Bars; Sediment Yield; Shoreline Geomorphology; Streams; ...2.0342

Sediment Transport

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Erosion; Rate of Deposition; Sedimentation; Streams; Survey Studies (water); ...2.0061

HYDROLOGIC STUDIES LEADING TO SITE UTILIZATION ...Adsorption Capacity; Management (water); Soil Tillage; Water Utilization -general; ...2.0075

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes: Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors;

Minnesota; Morphology; Rate of Deposition; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Location; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Beach Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

DELAWARE ESTUARY SEDIMENTATION STUDY ...Adsorption Capacity; Estuaries; Location; Rate of Deposition; Sand Bars; Sediment Yield; Shoreline Geomorphology; Streams; Supply Rate; ...2.0342

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Data Reduction and Analysis; Estuaries; Mathematical Models; Radioactivity; Streams; Tides; Water Pollution Sources; ...2.0749

THE MECHANICS OF SEDIMENT REMOVAL FROM ALLUVIAL STREAMS ...Design Criteria; Fluid Mechanics; Flume Studies; Mathematical Models; Sedimentation; Water Control Works -general; ...2.1280

Agents

Ground Water

DISSOLVED CONSTITUENTS OF NATURAL WATERS - CONTRIBUTIONS FROM MINERALIZED AREAS ...Acid Mine Wastes; Geochemical Analysis (water); Groundwater; Mineralogical Properties; Sediment Lithification; ...2.0244

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

Ocean Waves - Currents

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

Streams

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Erosion; Rate of Deposition; Sediment Transport; Sedimentation; Survey Studies (water); ...2.0061

DELAWARE ESTUARY SEDIMENTATION STUDY ...Adsorption Capacity; Estuaries; Location; Rate of Deposition; Sand Bars; Sediment Yield; Shoreline Geomorphology; Supply Rate; ...2.0342

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Fertilizers; Gulf of Mexico; Lead; Marine Geology; Nuclear Radiation; Radiochemical Analysis; Runoff (water); ...2.0380

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ...Agricultural Watersheds; Deposition-general; Hydraulics; New England Province; Physical Properties; Sediments; Snowmelt; Suspension; ...2.0486

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Data Reduction and Analysis; Estuaries; Mathematical Models; Radioactivity; Tides; Water Pollution Sources; ...2.0749

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Absorbed Load; Channels; Chemical Water Properties; Estuaries; Mineralogical Properties; Tides; Water Pollutants - Path of; ...2.1086

Turbidity Currents

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); ...2.0217

Effects

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Harbors; Location; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

By-passing

RESERVOIR SEDIMENTATION ...Aquatic Soils; Chemical Properties; Model Studies; Physical Properties; Reservoirs and Impoundments; Sedimentation; Soil Chemical Properties; Spillways; ...2.0213

Chemical Reactions

DISSOLVED CONSTITUENTS OF NATURAL WATERS - CONTRIBUTIONS FROM MINERALIZED AREAS ...Acid Mine Wastes; Geochemical Analysis (water); Groundwater; Mineralogical Properties; Sediment Lithification; ...2.0244

Grain Size

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Channel Roughness; Currents (water); Estuaries; Fluid Mechanics; Forecasting - Prediction; Rate of Deposition; Sedimentation; Solid Waste; Turbidity (water); ...2.0101

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

TIDAL DISCHARGE RESEARCH, NEW JERSEY ...Data Acquisition; Estuaries; New Jersey; Suspension; Water Quality -general; ...2.0682

Methods

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Disturbance; Erosion; Iowa; Location; Sediment Yield; Sediments; Soil Chemical Properties; ...2.0145

MEASUREMENT OF PRESENT SEDIMENT LOAD, AND EXPERIMENTAL ADDITION OF SEDIMENT IN TEST SECTION OF HUNT CREEK ...Bed Load; Michigan; Sediment Yield; Sediments; ...2.0202

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Data Reduction and Analysis; Estuaries; Mathematical Models; Radioactivity; Streams; Tides; Water Pollution Sources; ...2.0749

THE DIFFUSION COEFFICIENT IN OPEN CHANNEL FLOW ...Channel Geometry; Dispersion (water); Fluid Mechanics; Flume Studies; Mathematical Models; Sedimentation; Streams; ...2.1028

Absorbed Load

THE MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Chemical Water Properties; Estuaries; Washington; Water Pollution Sources; ...2.0339

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Channels; Chemical Water Properties; Estuaries; Mineralogical Properties; Streams; Tides; Water Pollutants - Path of; ...2.1086

Bed Load

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHERN CALIFORNIA ...Channels; Gully Or Channel Erosion; Sediment Yield; Stream Banks; Streams; ...2.0037

MEASUREMENT OF PRESENT SEDIMENT LOAD, AND EXPERIMENTAL ADDITION OF SEDIMENT IN TEST SECTION OF HUNT CREEK ...Methods; Michigan; Sediment Yield; Sediments; ...2.0202

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Conservation - see Soil Conser.; Erosion; Gully Or Channel Erosion; New Mexico; Sediment Yield; Semi - Arid Regions, Streams; ...2.0255

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Cobalt; Energy Conversion; Flume Studies; Model Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

Dissolved Load

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Suspension; Urban Runoff; Water Reuse; Watersheds; ...2.0019

GEOCHEMISTRY-MINERALOGY OF THE MACKENZIE RIVER ...Adsorption Capacity; Chemical Water Properties; Geochemical Analysis (water); Polar Oceanic Areas; Suspension; ...2.0056

WATER RESOURCES IN SOURDOUGH AND MIDDLE CREEK WATERSHEDS - A COMPARATIVE STUDY OF QUALITY AND HYDROLOGY ...Acidity (water); Erosion; Montana; Sedimentation; Suspension; Water Quality Control -general; Watersheds; ...2.0230

PARTITION COEFFICIENTS FOR FE, MN, CO, NI, ZN, CU, BETWEEN RIVER WATER AND SUSPENDED LOAD ...Mineral Analysis; Sediments; Trace Element Analysis; Water Standards & Baselines; ...2.0590

HYDROGRAPHY OF THE PENOBSCOT RIVER ESTUARY ...Density; Environmental Changes; Estuaries; Maine; Salinity (water); Soil Tillage; Water Pollution Abatement; ...2.0607

Suspension

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Urban Runoff; Water Reuse; Watersheds; ...2.0019

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

GEOCHEMISTRY-MINERALOGY OF THE MACKENZIE RIVER ...Adsorption Capacity; Chemical Water Properties; Geochemical Analysis (water); Polar Oceanic Areas; ...2.0056

THE FACTOR CONTROLLING THE DYNAMICS OF NON-IONIC SYNTHETIC ORGANIC CHEMICALS IN AQUATIC ENVIRONMENTS ...Adsorption; Aquatic Soils; Lakes; Pesticide Aquatic Cycling; Primary Productivity - Plants; Soil Chemical Properties; Water Chemistry; ...2.0140

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Watersheds; ...2.0214

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

WATER RESOURCES IN SOURDOUGH AND MIDDLE CREEK WATERSHEDS - A COMPARATIVE STUDY OF QUALITY AND HYDROLOGY ...Acidity (water); Erosion; Montana; Sedimentation; Water Quality Control -general; Watersheds; ...2.0230

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; ...2.0313

STUDIES ON EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Chemical Water Properties; Forest Cutting Operations; Forest Watersheds; Optical Properties of Water; Periphyton; Primary Productivity - Plants; ...2.0321

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Water Supply - general; ...2.0322

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ...Agricultural Watersheds; Deposition-general; Hydraulics; New England Province; Physical Properties; Sediments; Snowmelt; ...2.0486

PARTITION COEFFICIENTS FOR FE, MN, CO, NI, ZN, CU, BETWEEN RIVER WATER AND SUSPENDED LOAD ...Dissolved Load; Mineral Analysis; Sediments; Trace Element Analysis; Water Standards & Baselines; ...2.0590

TO DETERMINE THE PROPERTIES OF THE SUSPENDED SEDIMENT POPULATION OF CHESAPEAKE BAY ...Chesapeake Bay; Mineralogical Properties; Organic Properties; Physical Properties; Sediments; Size; Structural Source; ...2.0610

SOURCES OF SEDIMENT IN A MOUNTAIN RIVER BASIN ...Mineralogy - Petrology; River Basins; Sediments; Tracers; ...2.0661

TIME-OF-TRAVEL MEASUREMENTS IN NEW JERSEY STREAMS ...Dispersion (water); Dyes; New Jersey; Water Pollutants - Path of; ...2.0680

TIDAL DISCHARGE RESEARCH, NEW JERSEY ...Data Acquisition; Estuaries; New Jersey; Water Quality -general; ...2.0682

INFLUENCE OF SUSPENDED MICROSCOPIC SUBSTANCES ON THE METABOLISM OF MICROORGANISMS RESPONSIBLE FOR BIOLOGICAL ENRICHMENT OF WATER ...Adsorption Capacity; Ecological Effects; Microorganisms -nonspecific; Pesticides -nonspecific; Sediments; Water Pollutants - Path of; ...2.0723

ELECTROPHORETIC CLARIFICATION OF WATER ...Adsorption; Colloidal Phenomena; Filtration; Pesticide Residues Removal; Pesticides -see Pesticide; Size; Waste Water Treatment - general; Water Pollutant Identification; ...2.0948

THE EFFECTS OF SUSPENDED SILTS AND CLAYS ON SELF-PURIFICATION IN NATURAL WATERS ...Adsorption Capacity; Cellular Catabolism-see Degrad; Sediments; Size; Water Pollution Effects; ...2.0960

THREE DIMENSIONAL DISPERSION FROM POINT SOURCES OF CHEMICAL OR THERMAL POLLUTION IN OPEN CHANNELS ...Channels; Lasers - Masers; Mathematical Models; Radiation Detectors; Scattering; Thermal Pollution; Water Pollutant Identification; ...2.0990

REMOVAL OF SUSPENDED MATTER AND TURBIDITY FROM WATER BY FLOCCULATION ...Colloidal Phenomena; Electrochemistry; Floods; Israel; Salinity (water); Water Chemistry; ...2.1022

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Absorbed Load; Channels; Chemical Water Properties; Estuaries; Mineralogical Properties; Streams; Tides; Water Pollutants - Path of; ...2.1086

FRESH-SALT WATER IN ESTUARIES SEDIMENTATION PROCESSES ...Estuaries; Marine Environments; Physical Models; Rate of Deposition; Tides; Turbidity (water); Virginia; ...2.1123

Sediment Yield

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHERN CALIFORNIA ...Bed Load; Channels; Gully Or Channel Erosion; Stream Banks; Streams; ...2.0037

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Erosion; Rate of Deposition; Sediment Transport; Sedimentation; Streams; Survey Studies (water); ...2.0061

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Freezing & Below; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Forest Watersheds; Hydrographs; Piedmont Province; Rainfall - Runoff Relationship; Slope; Soil Density; Soil Moisture; Water Table; ...2.0113

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Disturbance; Erosion; Iowa; Location; Methods; Sediments; Soil Chemical Properties; ...2.0145

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLE ...Activation Analysis; Nutrients; Small Watersheds; ...2.0146

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles; Infiltration; Pesticides -see Pesticide; Rain; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types -also See Specifics; Tillage, Cropping Systems; ...2.0147

MEASUREMENT OF PRESENT SEDIMENT LOAD, AND EXPERIMENTAL ADDITION OF SEDIMENT IN TEST SECTION OF HUNT CREEK ...Bed Load; Methods; Michigan; Sediments; ...2.0202

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Location; Physical Properties; Rate of Deposition; Runoff (water); Soil Chemical Properties; Soil Cover Crops; ...2.0215

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Bed Load; Conservation -see Soil Conser.; Erosion; Gully Or Channel Erosion; New Mexico; Semi - Arid Regions; Streams; ...2.0255

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Soil pH; Soil Texture; Temperature - Air; ...2.0302

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Size; Southern U. S.; Suspension; ...2.0313

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

DELAWARE ESTUARY SEDIMENTATION STUDY ...Adsorption Capacity; Estuaries; Location; Rate of Deposition; Sand Bars; Shoreline Geomorphology; Streams; Supply Rate; ...2.0342

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Agricultural Runoff; Farm Pond; Great Plains Province; Precipitation; Precipitation Gages; Soil Texture; Survey Studies (water); ...2.0346

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Agricultural Runoff; Climates -general; Conservation -see Soil Conser.; Land Use; Small Watersheds; Soil Cover Crops; Thunderstorms; ...2.0367

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control; Flood Routing; Forecasting - Prediction; Land Use; Mathematical Models; Rain Amount; Texas; ...2.0389

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ...Agricultural Watersheds; Deposition-general; Hydraulics; New England Province; Physical Properties; Sediments; Snowmelt; Suspension; ...2.0406

EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Forecasting - Prediction; Forest Debris; Lumbering -general; Roads & Highways -see Highways; Sediments; Solar Radiation - sunshine; ...2.0746

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Water; Zooplankton; ...2.0828

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; Sewage; ...2.0848

INFLUENCE OF SEDIMENTATION UPON THE PRODUCTION OF GAME FISHES ...Animal Productivity; Ecological Effects; Fish Food Organisms; Pollution Effects -see Water; Sediments; Turbidity (water); ...2.0881

SEDIMENTATION AND CONTAMINANT CRITERIA FOR WATER RESOURCES PLANNING AND MANAGEMENT ...Dispersion (water); Management (water); Sedimentation; Water Pollutants - Path of; Water Standards & Baselines; ...2.0984

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Spawn Or Nesting Sites; Temperature (water); ...2.1479

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

DETERMINE EFFECTS OF RESERVOIRS ALONG SUSQUEHANNA RIVER ON SEDIMENT BEING DISCHARGED INTO CHESAPEAKE BAY AT HAVRE DE GRACE, MD. ...Chesapeake Bay; Maryland; Mineralogical Properties; Reservoirs and Impoundments; Sediments; Size; Susquehanna River; ...2.1571

WATER AND SEDIMENT, SUPPLY AND ACCUMULATION IN THE ESTUARY, ST. LOUIS BAY, MISSISSIPPI ...Bays; Estuaries; Marine Biology - General Mississippi; Recreation, Water Resources; River Basins; Sediments; ...2.1608

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTH MISSISSIPPI ...Benefit-cost Analysis; Economic Impact; Erosion; Land Use; Mississippi; Sediments; Water Resources Planning; Watersheds; ...2.1861

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesti-

cides -see Pesticide; Rain Amount; Small Watersheds; Toxaphene; ...4.0184

Sedimentary Rocks

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

Bauxite

PRECISION RATIO GAS-SOURCE MASS SPECTROMETER ...Chemical Analysis -general; Geochemical Investigations; Mineralogical Properties; Organic Water Properties; Salinity; Sedimentary History; Water Quality -general; ...2.0815

Carbonates

STUDY OF PETROGRAPHIC AND MINERALOGICAL CHARACTERISTICS OF CARBONATE ROCKS RELATED TO SULFUR OXIDE SORPTION IN FLUE GASES ...Absorption - Chemistry; Environmental Geology; Microscopy; Power Plants; Trace Element Analysis; ...1.0553

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Chemical Effects; Forecasting - Prediction; Groundwater Movement; Mass Transfer; Nuclear; Petrology; Seismology; Water Pollutants - Path of; ...2.0062

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Chemical Properties; Contamination; Eastern U. S.; Landfill; Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

GROUNDWATER QUALITY AND THE HYDROLOGIC BUDGET IN A VALLEY UNDERLAIN BY CARBONATE ROCKS ...Groundwater; Mineralogy; Soil Tillage; Water Quality - general; ...2.0350

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Fertilizers; Gulf of Mexico; Lead; Marine Geology; Nuclear Radiation; Radiochemical Analysis; Runoff (water); Streams; ...2.0380

Chalky Limestone

STABILIZATION OF LOW-GRADE AND WASTE MATERIALS ...British Isles; Ceramics; Construction Materials; Pavement; Recoverable Materials; Shale; Soil Cement; ...3.0324

Dolomite

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination; Eastern U. S.; Landfill; Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1823

Limestone-general

REDUCTION OF ATMOSPHERIC POLLUTION BY THE APPLICATION OF FLUIDIZED-BED COMBUSTION ...Coal; Combustion Air Pollution-gen; Gases; Mechanism Determination; Oil and Natural Gas - Sulfur; ...1.0550

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Georgia; Groundwater Movement; Lithology; Natural Recharge; Petrology; Specific Rock Unit; Water Table; ...2.0112

DIGITAL COMPUTER MODELING OF LIMESTONE GROUNDWATER SYSTEMS ...Aquifers; Computer Models; Forecasting - Prediction; Groundwater Basins; Mathematical Models; Water Pollutants - Path of; Water Wells; ...2.0601

CHEMO-DYNAMICS OF LIMESTONE GROUNDWATER ...Aquifers; Chemical Analysis (water); Geochemical Analysis (water); Groundwater; Groundwater Movement; Model Studies; Water Quality Control -general; ...2.0766

GEOCHEMISTRY OF WATERS OF THE HOG CREEK BASIN - HAMILTON, CORYELL, AND BOSQUE COUNTIES, TEXAS ...Agricultural Runoff; Animal Pollutant Sources; Chemical Water Properties; Geology -general; Plant Pollutants; Soil Fertility; Texas; ...2.0826

POTOMAC RIVER BASIN PROJECT ...Alluvium - Alluvial; Drilling and Coring; Groundwater; Mapping; River Basins; Water Table; ...2.1117

LIMESTONE DRUM PRODUCTIVITY STUDY – POPULATION STUDY ...Acidity (water); Chemical Measurements (water); Contamination - Water; Environmental Ecology; Population Dynamics -general; Spawn Or Nesting Sites; Stocking of Fish & Shellfish; ...2.1131

LIMESTONE DRUM PRODUCTIVITY STUDY-LIMNOLOGICAL STUDY ...Acidity (water); Benthic Fauna; Lakes; Salmonidae; ...2.1132

LIME-LIMESTONE NEUTRALIZATION OF ACID MINE DRAINAGE ...Acid Mine Wastes; Acidity (water); Coal; Drainage; Illinois; Lime Treatment; Neutralization; ...2.1329

DEVELOPMENT AND OPTIMIZATION OF THE LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Drainage; Acid Mine Wastes; Drainage; Lime Treatment; Optimization, Economic; Process Design; Waste Treatment Economics; ...2.1394

A STUDY OF LAND DISPOSAL OF SPENT SULFITE LIQUOR AT BADGER PAPER MILLS, INC., PESHTIGO, WISCONSIN ...Aquifers; Landfill; Pulp and Paper Wastes; Water Pollutants - Path of; Wisconsin; ...3.0345

Claystone

PRECISION RATIO GAS-SOURCE MASS SPECTROMETER ...Bauxite; Chemical Analysis -general; Geochemical Investigations; Mineralogical Properties; Organic Water Properties; Salinity; Sedimentary History; Water Quality -general; ...2.0815

Flint

MULTILAYER FILTRATION ...Ash-coal Filters; Filters - Porous Materials; Flocculation; Plastics; Turbidity; ...2.1111

Glacial Clastics

Till

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles; Infiltration; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types -also See Specifics; Tillage, Cropping Systems; ...2.0147

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Leaching; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Filters; Soil Organic Content; Soil Texture; Waste Disposal on Soils; ...2.0988

INVESTIGATION OF PERMEABILITY OF FINE GRAINED GLACIAL SEDIMENTS IN RELATION TO WASTE DISPOSAL IN ILLINOIS ...Aquifers; Drainage; Illinois; Land Use; Permeability; Water Quality Control -general; ...2.1006

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Glaciology; Groundwater; Lysimeters; Ponds; Soil Moisture; Soil Types -also See Specifics; Water Pollutants - Path of; ...2.1285

Iron Sulfide Rocks

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

Laterite

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE: THE MINERALIZATION OF ORGANIC NITROGEN IN SOILS FROM VOLCANIC MATERIAL ...Alluvium - Alluvial; Humid Climates; Organic Soils -see Soils; Radiation Effects - Biological; Sediment Lithification; Soil Chemical Properties; Soil Organic Content; ...5.0219

Loess

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff;

Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Beach Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

Mudstone

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

Peat

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Pesticides -see Pesticide; Soil Minerals - natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

TREATMENT OF WASTES USING PEAT, AND PEAT IN COMBINATION WITH SOIL ...Biochemical Oxygen Demand; Filters-filtration; Organics; Soil Filters; ...2.1314

PEAT STUDIES ...Environmental Geology; Maryland; Pennsylvania; Sediment Lithification; West Virginia; ...3.0365

Salt

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Baseflow; Fresh Water; Groundwater Basins; Permian Period; Saline Water Intrusion; Seepage (water); Tectonics; Water Pollution Sources; ...2.0376

Sandstones

EVALUATION OF THE MAGOTHY AQUIFER - ANNAPOLIS AREA, MARYLAND ...Aquifers; Drilling and Coring; Management (water); Model Studies; Saline Water Intrusion; Size; Water Resources Development; ...2.0169

PILOT SCALE INVESTIGATIONS OF WELL RECHARGE USING CORED SAMPLES ...Aquifers; Cambrian Period; Effluents - Waste Water; Injection Wells; Sewage; Waste Water Treatment -general; ...2.1254

Shale

STABILIZATION OF LOW-GRADE AND WASTE MATERIALS ...British Isles; Ceramics; Chalky Limestone; Construction Materials; Pavement; Recoverable Materials; Soil Cement; ...3.0324

Sedimentary Structures

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

IMPACT OF LAGOONS AND SAND BLANKETS ON FISH, AQUATIC LIFE AND WATER EQUALITY ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Fish; Lagoons; Plankton; Water Quality -general; Wisconsin; ...2.1777

Sedimentation

WATERSHED INVESTIGATION, GRASS VALLEY CREEK ...California; Ecological Effects; Sediments; Spawn Or Nesting Sites; Water Pollution Sources; Watersheds; ...2.0047

AN ASSESSMENT OF RADIOACTIVE FALLOUT ...Canada; Lake Deposits; Lakes; Radioactive Fallout; ...2.0055

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Erosion; Rate of Deposition; Sediment Transport; Streams; Survey Studies (water); ...2.0061

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Channel Roughness; Currents (water); Estuaries; Fluid Mechanics, Forecasting - Prediction; Rate of Deposition; Solid Waste; Turbidity (water); ...2.0101

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Disturbance; Erosion; Iowa; Location; Methods; Sediment Yield; Sediments; Soil Chemical Properties; ...2.0145

A COHERENT-AREA STUDY OF SOUTHERN LAKE MICHIGAN ...Eutrophic Lakes; Eutrophication; Lake Michigan; Mans Pollutional Activities; Water Pollutant Identification; Weather Modification; ...2.0191

RESERVOIR SEDIMENTATION ...Aquatic Soils; Chemical Properties; Model Studies; Physical Properties; Reservoirs and Impoundments; Soil Chemical Properties; Spillways; ...2.0213

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

WATER RESOURCES IN SOURDOUGH AND MIDDLE CREEK WATERSHEDS - A COMPARATIVE STUDY OF QUALITY AND HYDROLOGY ...Acidity (water); Erosion; Montana; Suspension; Water Quality Control -general; Watersheds; ...2.0230

CONTROL OF PRODUCTIVITY AND POPULATION CHARACTERISTICS IN AQUATIC COMMUNITIES ...Animal Productivity; Core Analysis; Invertebrate Physiology; Lakes; Rehabilitation - streams -lakes; ...2.0426

SEDIMENTOLOGY OF LOUISIANA'S ESTUARIES ...Aquatic Soils; Chemical Properties; Drilling and Coring; Louisiana; Nitrogen and Nitrogen Cpds.; Size; ...2.0604

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Mineralogical Properties; Salt Water; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

INFLUENCE OF SEDIMENTATION UPON THE PRODUCTION OF GAME FISHES ...Animal Productivity; Ecological Effects; Fish Food Organisms; Pollution Effects -see Water; Sediment Yield; Sediments; Turbidity (water); ...2.0881

SEDIMENTATION AND CONTAMINANT CRITERIA FOR WATER RESOURCES PLANNING AND MANAGEMENT

...Dispersion (water); Management (water); Water Pollutants - Path of; Water Standards & Baselines; ...2.0984

THE DIFFUSION COEFFICIENT IN OPEN CHANNEL FLOW ...Channel Geometry; Dispersion (water); Fluid Mechanics; Flume Studies; Mathematical Models; Streams; ...2.1028

LAKE ERIE DIKE ...Dams -general; Harbors; Iron and Steel Industry; Model Studies; Physical Models; Sediments; Waste Type; Waves -see Ocean Waves; ...2.1051

CHANNELIZATION STUDIES ...Channel Geometry; Fluid Mechanics; Reservoirs and Impoundments; Sediments; Water Resources Protection; ...2.1062

THE MECHANICS OF SEDIMENT REMOVAL FROM ALLUVIAL STREAMS ...Design Criteria; Fluid Mechanics; Flume Studies; Mathematical Models; Water Control Works -general; ...2.1280

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Core Analysis; Fish and Shellfish; Lumbering -general; Pulp and Paper Wastes; Temperature (water); Water Pollution Effects; ...2.1496

AN ENVIRONMENTAL SURVEY OF THE DAMARISCOTTA RIVER ESTUARY, LINCOLN COUNTY, MAINE ...Bottom Sampling; Core Analysis; Estuaries; Maine; Salinity (water); Sewage; ...2.1570

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF MOSES LAKE ...Animal Habitat Studies; Censusing; Data Reduction and Analysis; Lakes; Pre-impoundment Sites; Sediments; Texas; ...2.1727

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Delaware River; Effluents - Waste Water; Estuaries; Industrial Wastes; Waste Disposal-see Solid Waste; Water Resources Development; Water Utilization -general; ...2.1903

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology, Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

Seepage (water)

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure -other; Water Reuse; ...2.0031

WATER QUALITY DEGRADATION BY SEPTIC TANK DRAINAGE ...Degradation -see Pesticide Deg; Maine; Phosphorus and Phosphorus Cpds; Septic Tanks; Water Quality Control -general; ...2.0165

STRIP-MINING AND WATER QUALITY ...Acidity (water); Chemical Analysis (water); Coal; Erosion; Mine Wastes; Rainfall Simulators; Spoil Banks; Thermal Poll. -see Water Poll.; ...2.0309

RADIONUCLIDE MOVEMENT IN GROUNDWATER ...Flow Characteristics (water); Groundwater; Groundwater Movement; Radioisotopes; Water Pollutants - Path of; Water Pollution Sources; ...2.0356

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Baseflow; Fresh Water; Groundwater Basins; Permian Period; Saline Water Intrusion; Tectonics; Water Pollution Sources; ...2.0376

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water); Soil Temp. -non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

AERATION OF LAGOONS IN RIGOROUS CLIMATE AREAS ...Aeration (water); Pilot Plants; Sewage Lagoons; Urban Environment; Water Pollution Effects; ...2.0869

EVALUATION OF PUMPING EFFECTS IN MALAGA BEND AREA, NEW MEXICO ...Aquifers; Brines; Desalination; New Mexico; Saline Water Intrusion; Water Table; ...2.0930

DISPERSION OF CONTAMINANTS IN JOINTED ROCK ...Dispersion (water); Flow Characteristics (water); Injection Wells; Mathematical Analysis; Physical Models; Waste Disposal, Underground; Water Quality Control -general; ...2.1004

DISPERSION DURING FLOW IN HETEROGENEOUS POROUS MEDIA ...Data Reduction and Analysis; Fluid Mechanics; Groundwater Movement; Isotope Tracer -see Tracers; Model Studies; Water Pollutants - Path of; ...2.1014

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Graminese -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Industrial Wastes; Organic Matter; Sewage Lagoons; Waste Management -see Specific; Water Pollutants - Path of; Water Quality -general; ...2.1360

GROUNDWATER FLOW IN PARTIALLY SATURATED SOILS ...Drainage; Groundwater Movement; Model Studies; Sewage; Soil Permeability; Water Quality Control -general; Water Supply - general; ...2.1412

MINE SPOIL POTENTIALS FOR WATER QUALITY AND CONTROLLED EROSION ...Agricultural Runoff; Drilling and Coring; Mineralogical Properties; Strip Mines; Weathering Products; ...2.1452

WATER QUALITY - CEDAR BLUFF IRRIGATION DISTRICT, KANSAS ...Chemical Water Properties; Effluents - Waste Water; Groundwater; Kansas; Salinity (water); Water Quality -general; ...2.1556

DESIGN AND OPERATION CRITERIA FOR AN ANAEROBIC LAGOON FOR SWINE WASTE ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Lagoon; Piedmont Province; Sewage Lagoons; Water Reuse; ...3.0113

UTILIZATION OF FLORIDA PHOSPHATE SLIMES ...Acid Mine Wastes; Ceramics; Fresh Water; Phosphorus and Phosphorus Cpds; Sediments; Waste Material Recovery; Water Reuse; ...3.0128

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0298

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water; Infiltration; Organic Water Properties; Pilot Plans; Safety -see Farm Safety; South Carolina; Waste Management -see Specific; Water Purification; ...3.0310

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Contamination - Soil; Farm Animal Wastes; Groundwater; Playas; Rock - Soil Pollution; Soil Microbiology; Sorghum; Water Pollutants - Path of; ...3.0320

Seismology

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring, Atmospheric Dynamics; Diffusion; Model Studies; Nevada; Precipitation Forecasting; Radioactive Fallout; Weather Forecasting; ...1.0021

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Contamination - Water; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Strontium; ...1.0025

INFRARED STUDIES IN ICELAND ...Aircraft Remote Sensing; Faults - Geology; Iceland; Infrared Radiation; Marine Geology; Tectonics; ...1.0039

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD ...Atmospheric Dynamics; Environment Accumulation Rates; Environmental Hazards; Lead; Mercury; Pesticides -nonspecific; Toxicology; Water Pollutants - Path of; ...1.0189

ENVIRONMENTAL EFFECTS OF EXPLOSIVE TESTING ...Contamination - Water; Marine Pollution; Pollution Effects -see Water; ...1.0355

MEASURING PERFORMANCE IN PUBLIC PROGRAMS ...Air Pollution; Cost-benefit Analysis; Economic Projections- Forecast; Public Health; Technology - Social Impact; Water Quality - general; ...1.0442

PARTIAL SUPPORT OF THE COMMITTEE ON GEOLOGICAL SCIENCES ...Committee Support; Geology -general; Waste Disposal-see Solid Waste; ...1.0483

TRANSPORT, DEPOSITION, AND METEOROLOGICAL STUDIES OF NUCLEAR DEBRIS IN THE ATMOSPHERE ...Air Pollution Sampling; Atmospheric Dynamics; Atmospheric Structure; Circulation - Patterns; Fission Products-see Radioact., Radioactivity; Stratosphere; Troposphere; ...1.0713

EXPLOSIVES RESEARCH AND SAFETY--SURVEY OF POLLUTANTS ...Marine Pollution; Ship Wastes; ...2.0029

VENTURA CALIFORNIA COOP ...Aquifers; Fresh Water; Groundwater Basins; Mapping; Marine Geology; Ocean Profiles; Salinity; Tectonic History - Mountains; ...2.0038

SOIL ENGINEERING RESEARCH ...California; Environmental Hazards; San Francisco Bay; Soil Loads; Tectonics; ...2.0039

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Carbonates; Chemical Effects; Forecasting - Prediction; Groundwater Movement; Mass Transfer; Nuclear; Petrology; Water Pollutants - Path of; ...2.0062

ENGINEERING GEOLOGY RECONNAISSANCE STUDIES OF COASTAL COMMUNITIES, ALASKA ...Alaska; Environmental Hazards; Harbors; Marine Geology; Mass Wasting, Geological; Tectonics; Waves -see Ocean Waves; ...2.0065

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology; Floods; Geologic Maps; Land Use; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Environment; Urban Research -general; ...2.0066

SAN FRANCISCO BAY SEDIMENTS ENGINEERING GEOLOGY STUDIES, CALIFORNIA ...California; Engineering Geology; Mineralogical Properties; Rock Mechanics - Geology; Rocks - Bedrock; Sediment Thickness; Tectonic History - Mountains; Unconsolidated Deposits; ...2.0069

GEOLOGIC INVESTIGATIONS, NEVADA TEST SITE ...Alluvium - Alluvial; Borehole Geophysics; Faults - Geology; Nevada; Water Table; ...2.0070

HYDROLOGIC STUDIES LEADING TO SITE UTILIZATION ...Adsorption Capacity, Management (water); Sediment Transport; Soil Tillage; Water Utilization -general; ...2.0075

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Beta Particles; Canals; Dredging; Gamma Spectroscopy; Harbors; Marine Geology; Ocean Meteorological Studies; Radioactivity; ...2.0424

SEISMOLOGICAL STUDIES - SANTA BARBARA ...California; Channels; Faults - Geology; Petroleum Wastes - Spillage; Recovery - Production; Tectonics; ...2.0498

MEASUREMENTS OF BOMB-PRODUCED RADIOCARBON IN THE SURFACE AND SUB-SURFACE WATER OF THE PACIFIC OCEAN ...Indian Ocean -general; Marine Environments; Ocean Mixing; Pacific Ocean; Particle - Gas Transfer; Radioactivity; Sea Water Sampling; ...2.0505

DETECTION AND LOCATION OF CONCEALED ABANDONED UNDERGROUND MINES AND ASSOCIATED DRAINAGE BY GEOPHYSICAL AND GEOCHEMICAL TECHNIQUES ...Drainage; Dyes; Geophysical Analysis; Infrared Radiation; Water Pollution Sources; ...2.0760

WATER QUALITY CONTROL BY SELECTIVE WITHDRAWAL AND REAERATION ...Aeration (water); Mathematical Models; Reservoirs and Impoundments; Turbidity (water); Water Quality - general; ...2.0979

WASTE DISPOSAL BY HYDRAULIC FRACTURING ...Drilling and Coring; New York; Radioisotopes Recovery - Production; Waste Disposal, Underground; Water Pollution Sources; ...2.1105

NATIONAL AND ENVIRONMENTAL HAZARDS, DISORDERS, ENVIRONMENTAL QUALITY ...Drought - Meteorologic; Floods; Glaciology; Recreation; Water Resources; Urban Environment; Urban Research -general; Water Pollution Sources; ...2.1799

CENTRAL NEVADA GEOLOGIC INVESTIGATIONS ...Drilling and Coring; Geologic Maps; Geology -general; Local Stratigraphy; Maps -general; Nevada; Structural Analysis - Geology; ...5.0020

PLOWSHARE SPECIAL STUDIES ...Arizona; Copper; Geology - general; Management (water); Soil Tillage; Underground Storage; ...5.0021

REACTOR SITE INVESTIGATIONS ...Foundations; Geology - general; Nuclear Power; Nuclear Reactors; Power Plants -see Specifics; Structure Sites; ...5.0029

EFFECTS OF RADIATION FROM NUCLEAR EXPLOSIONS ON NATURAL VEGETATION ...Geochemical Investigations; Nuclear Detonations; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; ...5.0203

AMCHITKA GEOLOGIC INVESTIGATIONS ...Alaska; Geologic Maps; Marine Geology; Structural Analysis - Geology; Tectonics; ...5.0204

Semi - Arid Regions

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

LIMNOLOGICAL EFFECTS OF ORGANIC WATERSHED LITTER ...Drainage; Floods; Organic Matter; Rain Amount; Southwest U. S.; ...2.0018

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Suspension; Urban Runoff; Water Reuse; Watersheds; ...2.0019

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Bed Load; Conservation -see Soil Conser.; Erosion; Gully Or Channel Erosion; New Mexico; Sediment Yield; Streams; ...2.0255

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

STABILIZATION OF ORGANIC WASTES FROM CATTLE FEEDLOTS IN SEMI-ARID CLIMATES BY COMPOSTING TECHNIQUES ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Bos; Farm Animal Wastes; ...3.0012

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility, Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

GRAIN SORGHUM VARIETAL EXPERIMENTS ...Disease Resistance; Drought Resistance; Insecticides -nonspecific; Pesticide Phytotoxicity; Sorghum; Wildlife -nonspecific; ...4.0446

Sensory & Perceptual Processes

CARBON MONOXIDE AND HUMAN INFORMATION PROCESSING ...Air Pollution -see Specifics; Carbon Monoxide; Learning and Retention; Mammals -nonspecific; Psychology; Toxicology; ...1.0182

HEDONIC EVALUATION OF ODORS ...Air Pollution -see Specifics; Air Pollution Analysis; Attitudes & Attitude Change; Noise -see Noise; Urban Research -general; ...1.0513

DOCUMENT RESPONSES OF URBAN CITIZENS TO DIESEL EXHAUST ...Air Pollution -see Specifics; Noise -see Noise; Urban Research -general; ...1.0533

FISH BEHAVIOR AND PHYSIOLOGY ...Animal Migration; Behavior -vertebrate; Engineering Structures-general; Environmental Physiology; Fish & Shellfish Biology; Motivation and Instinct; Pollution Effects -see Water; Thermal Pollution; ...2.1761

THE STUDIES OF IONIZING RADIATION AS STIMULI ...Biological Rhythms; Learning and Retention; Muridae; Psychology; Toxic Substances; ...5.0254

LASER EFFECTS UPON VISUAL PERFORMANCE ...Cell Injury and Autolysis; Cercopithecoides; Light; Psychology; Radiation - see Specifics; ...5.0336

BEHAVIORAL AND NEURAL EFFECTS OF RADIATIONS AND TOXINS ...Burns; Digestive System - Human; Mammals -nonspecific; Psychology; Radiation Effects - Biological; ...5.0512

ADAPTIVE SPECIALIZATIONS IN LEARNING AND MEMORY ...Evolution; Injury and Shock; Learning and Retention; Motivation and Instinct; Toxicology; ...5.0588

DELAYED SENSORY EFFECTS OF PRENATAL RRADIATION ...Auditory Physiology; Developmental Physiology; Learning and Retention; Psychology; Radiation, Low Level; X and Gamma Rays; ...5.0681

RADIATION ALTERED AIRCREW TRACKING ABILITY ...Cercopithecoidea; Military Personnel; Performance - Behavioral Study; Psychology; Radiation Effects - Biological; Radiation Sources -general; Systems Research; ...5.0706

STUDIES IN THE USE OF IONIZING RADIATION AS STIMULI ...Beta Particles; Learning and Retention; Muridae; Psychology; Radiation Effects - Biological; ...5.0814

PERCEPTION OF IONIZING RADIATION BY SENSORY SYSTEMS ...Biological Rhythms; Environmental Effects - Human; Radiation, Low Level; X and Gamma Rays; ...5.0840

WHOLE-BODY EFFECTS OF AIR FORCE NOISE ON PEOPLE ...Auditory Physiology; Aviation Medicine; Infra Red; Noise; Performance - Behavioral Study; Ultrasonic -bioeffects; ...6.0010

MECHANISMS OF NOISE GENERATION, PROPAGATION AND RECEPTION AS RELATED TO AIR FORCE BIOACOUSTIC PROBLEMS ...Acoustics; Aircraft; Aviation Medicine; Communication; Noise; Sound Attenuation Acoustics; ...6.0011

AIR CREW PERSONNEL NOISE EXPOSURE ...Aerospace Studies; Aircraft; Aviation Medicine; Fatigue; Noise; Noise Abatement; Pilots; ...6.0014

ACOUSTIC INTERFERENCE WITH COCKPIT COMMUNICATIONS ...Aerospace Studies; Noise; Pulse Modulation; Signal Analysis; ...6.0015

TIRE SOUND GENERATION INVESTIGATION ...Automobiles; Noise; Tires; ...6.0028

PHYSIOLOGICAL AND PSYCHOLOGICAL ADJUSTMENT TO NOISE ...Auditory Stress; Noise; Personality; Psychology; ...6.0069

NOISE INDUCED DEAFNESS - MASKING AND SPEECH PERCEPTION ...Auditory Physiology; Auditory Stress; Hearing Loss and Deafness; Learning and Retention; Noise; Occupational Hazards; Psychology; ...6.0070

HEARING AND VOCAL OUTPUT ...Auditory Physiology; Muridae; Noise; Psychological Response; Sonic Spectrograph; Sound Production; ...6.0084

COMFORTABLE LISTENING LEVELS FOR NOISE ...Noise; ...6.0094

COMPARATIVE STUDY OF VOCAL LEARNING ...Birds, Learning and Retention; Motivation and Instinct; Psychology; Sound Production; ...6.0097

EFFECTS OF AIR FORCE NOISES ON POPULATIONS SURROUNDING AIR BASES ...Airplanes; Noise; Noise -see Noise; Psychology; ...6.0100

VOICE COMMUNICATION DURING AIR FORCE IN-FLIGHT AND GROUND OPERATIONS ...Communication; Electronic Control Systems; Signal Analysis; ...6.0103

THE EFFECTS OF NOISE ON BEHAVIOR ...Auditory Stress; Muridae; Noise; Psychology; ...6.0111

EFFECTS OF NOISE ON AIR FORCE PERSONNEL IN OPERATIONAL ENVIRONMENTS ...Communication; Hearing Loss and Deafness; Military Personnel; Noise; Pilots; Space Medicine - Exobiology; ...6.0114

RESEARCH INTO ACOUSTIC MEASUREMENTS, HEARING AND PSYCHOACOUSTICS, AND THE INVESTIGATION OF VARIOUS NOISE PROBLEMS, INCLUDING MOTOR VEHICLES ...Acoustics; Auditory Physiology; Automobile & Components; Automobiles; Noise; Noise Abatement; ...6.0115

Separation

CHARACTERISTICS AND REMOVAL OF PYRITE FROM AMERICAN COALS ...Air Pollution-chemistry; Desulfurization; Energy Conversion; Heating Systems; Washing; ...1.0631

OPERATE A SPECIAL NETWORK FOR DETERMINING THE SIZE DISTRIBUTION OF PARTICULATES BY USE OF CASCADE IMPACTOR ...Air Pollution Analysis; Particulates - Air Pollution; Urban Research -general; ...1.0781

RECOVERY, SEPARATION AND IDENTIFICATION OF PHENOLIC COMPOUNDS, NEW JERSEY ...Chemical Analysis (water); Distillation; Infrared Spectroscopy; New Jersey; Ultraviolet Spectroscopy; ...2.0681

RECLAMATION OF METAL VALUES FROM METAL-FINISHING WASTE TREATMENT SLUDGES ...Degradation; Industrial Wastes; Oxidation; Reduction Reactions; Sludge; Waste Treatment; ...2.1333

THE ORGANIC CONCENTRATION GRADIENT IN AN AERATION COLUMN ...Aeration (water); Bubbles; Organic Matter; Organic Water Properties; Surfactants -see Detergents; ...2.1337

EVALUATION AND DEVELOPMENT OF SPECIAL PURPOSE COALS ...Ash-coal Filters; Chemical Analysis -general; Coal; Coal Research; Gasification; Reaction; Utilization; ...3.0304

DEVELOPMENT OF FIELD METHODS IN SAMPLING WATER FOR PESTICIDE ANALYSIS ...Chemical Analysis; Chemical Extraction; Chlorine; Membranes; Pesticides -see Pesticide; Plastics; Water Chemistry; ...4.0049

Centrifugation

REMOVAL OF PYRITE FROM COAL BY DRY METHODS ...Desulfurization; Electrostatic; Screening; ...1.0659

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Bacterial Population Surveys; Column Chromatography; Electrophoresis; Isotope Tracer -see Tracers; Phosphorus; Sewage; Sewage Bacteria; ...2.0020

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Adsorption; Electrochemistry; Filtration; Pilot Plants; Precipitation; Safety - Recreation; Viruses - Animal; Water Pollution -see Specifics; ...2.0836

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials; Costing -see Materials; Dewatering; Effluents - Waste Water; Industrial Wastes; Metal Processing Wastes; Pilot Plants; Sludge; Waste Treatment Economics; ...2.1208

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Disposal; District of Columbia; Filtration; Process Design; Waste Drying; Waste Treatment Economics; ...2.1339

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Filtration; Pilot Plants; Process Design; Waste Drying; Waste Treatment Economics; ...2.1400

BIOLOGICAL TREATMENT PILOT PLANT AND SLUDGE DISPOSAL FACILITY ...Activated Sludge; Burning; Dewatering; Filters-filtration; Pilot Plants; Process Design; Waste Treatment Economics; ...2.1416

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; District of Columbia; Filtration; Pilot Plants; Process Design; Waste Drying; Waste Treatment Economics; ...2.1407

THE THICKENING AND DEWATERING OF PRECIPITATES FROM THE LIME/LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Wastes; Disinfection; Filtration; Lime Treatment; Thickening; ...2.1453

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

Coagulation

GENERATION AND DECAY OF SMALL IONS ...Aerosols; Air Pollution-chemistry; Detectors and Sensors; Electroanalyses; Heat Transmission; Oxidation; Photochemical Reactions; ...1.0731

AEROSOL MEASUREMENTS IN LOS ANGELES SMOG ...Aerosols; Air Pollution Analysis; Air Pollution Monitoring; California; Chemical Analysis -general; Data & Statistics Info Storage; Smog; ...1.0732

EUTROPHICATION - REMOVAL OF NUTRIENTS - SHAGAWA LAKE ...Algal Pollutant Sources; Denitrification -see Nitrogen; Eutrophication; Minnesota; Pilot Plants; Trickling Filters; Water Standards & Baselines; ...2.0203

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models, Groundwater; Infiltration, Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

A CONTINUOUS COAGULATION EFFICIENCY MONITOR FOR WATER AND WASTE SYSTEMS ...Waste Water Treatment - general; Water Chemistry; ...2.0478

TREATMENT OF WATER-PLANT SLUDGES ...Bench Scale; Crystallization; Dewatering; Filtration; Lime Treatment; ...2.0870

FLOC STRENGTH AND FILTERABILITY OF PRE-TREATED WATER ...Alum Waste Water Treatment; Flocculation; Lime Treatment; Pilot Plants; Rapid Filters; Sand Filters; ...2.0874

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Ash-coal Filters; Filters-filtration; Filtration; Pilot Plants; Sand; Soil Particle Size; Turbidity (water); Water Distribution Systems; ...2.0887

DESIGN REQUIREMENTS FOR MUNICIPAL DIATOMITE FILTERS ...Electrochemistry; Filters-filtration; Process Design; Sewage - Domestic; Turbidity; ...2.0896

DEVELOPMENT NEUTRON ACTIVATION TECHNIQUES FOR INVESTIGATION OF WATER CLARIFICATION ...Activation Analysis; Flocculation; Soil Filters; Zeta Potential; ...2.0915

TERTIARY TREATMENT BY FLOCCULATION AND RAPID SAND FILTRATION ...Additives; Flocculation; Sedimentation; Tertiary Treatment; Waste Water Treatment -general; ...2.0935

CARTRIDGE FILTRATION FOR IRON AND MANGANESE REMOVAL ...Demineralization; Filtration; Groundwater; Ion Exchange; Oxidation; Pollutant Removal; ...2.0939

THE REMOVAL OF IMPURITIES IN TRICKLING FILTER EFFLUENTS ...Electrophoresis; Pond; Tertiary Treatment; Types of Resources; Zeta Potential; ...2.0944

ECONOMIC DISPOSAL OF WASTE SLUDGES FROM WATER TREATMENT PLANTS ...Additives; Dewatering; Disposal; Electrochemistry; Filtration; Waste Treatment Economics; Water Purification; ...2.1121

COLOR REMOVAL FROM TEXTILE DYE WASTES BY COAGULATION ...Biochemical Oxygen Demand; Color; Color (water); Dye Wastes; Electrochemistry; Industrial Wastes; Textile Industry; ...2.1142

ADVANCED WASTEWATER TREATMENT USING POWDERED ACTIVATED CARBON IN RECIRCULATING SLURRY CONTACTOR-CLARIFIERS ...Activated Sludge; Adsorption; Bench Scale; Chemical Oxygen Demand; Tertiary Treatment; Waste Water Treatment -general; ...2.1153

FILTRATION OF AQUEOUS EFFLUENTS CARRYING EMULSIFIED OILS ...Chemical Water Properties; Coalescence; Filters-filtration; Fluid Mechanics; Turbidity (water); ...2.1169

TERTIARY TREATMENT IN THE PURIFICATION OF WASTE WATER ...Activated Sludge; Alum Waste Water Treatment; Denitrification -see Nitrogen; Ocean; Septic Tanks; Trickling Filters; Waste Water Treatment -general; ...2.1180

EVALUATION OF TREATMENT FOR URBAN WASTEWATER REUSE ...Colorado; Filtration; Pilot Plants; Urban Environment; Urban Research -general; Water Reuse; ...2.1197

USE OF COAGULATION IN THE FLOTATION OF WASTEWATER ...Biochemical Oxygen Demand; Flotation; Industrial Wastes; Petroleum Wastes - Spillage; Sedimentation; Turbidity; Waste Management -see Specific; ...2.1247

NUTRIENT REMOVAL IN A WATER TREATMENT PLANT ...Biochemical Oxygen Demand; Flocculation; Nutrients; Sand Filters; ...2.1252

PILOT PLANT DEMONSTRATION OF A LIME-BIOLOGICAL TREATMENT PHOSPHORUS REMOVAL SYSTEM ...Activated Sludge; Lime Treatment; Pilot Plants; Process Design; Sewage - Domestic; Waste Treatment Economics; Waste Water Treatment -general; ...2.1279

REVERSE OSMOSIS TREATMENT OF WASTEWATERS ...Electrochemistry; Membranes; Organic Waste -see Waste Treat; Organics; Reverse Osmosis; Sewage - Domestic; Waste Water Treatment -general; ...2.1294

A NEW APPROACH FOR WATER RECLAMATION - COMPLETE TREATMENT OF WASTE WATER BY PHYSICO-CHEMICAL PROCESSES ...Bacteria; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Waste Water Treatment - general; ...2.1324

IMPROVE POLLUTION CONTROL BY REUSE OF PAPER MACHINE PROCESS WATERS ...Disposal; Precipitation; Pulp and Paper Wastes; Waste Material Recovery; Waste Water Treatment -general; Water Reuse; ...2.1356

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ...Alum Waste Water Treatment; Biochemical Oxygen Demand; Electrodialysis; Flocculation; Ion Exchange; Sand Filters; Solid Waste; Waste Treatment Economics; ...2.1365

DISSOLVED REFRACTORY ORGANIC REMOVAL – CARBON AS AN ADSORBENT AND FILTER MEDIUM ...Carbon Filters; Organics; Sand Filters; Turbidity; Waste Water Treatment - general; ...2.1371

COAGULATION OF CLAYS WITH HYDROLYZING METALS ...Flocculation; Hydrolysis, Esterification; ...2.1375

TREATMENT OF WATERCRAFT WASTES ...Boat Discharges; Chlorination; Disposal; Electrochemistry; Process Design; Ship Wastes; ...2.1395

CONTROL OF GEOTRICHUM CANDIDUM IN BIOLOGICAL WASTE TREATMENT ...Carbon; Fungal Pollutant Sources; Geotrichum; Sewage Lagoons; Waste Water Treatment -general; Zinc; ...2.1410

METHODS TO REDUCE WATER POLLUTION CAUSED BY STORM WATER SEWER LOADING BY USING FLUID FLOW FRICTION REDUCERS ...Chemical Mechanisms & Kinetics; Electrochemistry; Groundwater; Pipe; Sewage - Domestic; ...2.1432

APPLICATIONS OF AGGLOMERATE SIZE MEASUREMENT TO PROBLEMS IN WATER RESOURCES MANAGEMENT ...Activated Sludge; Colloidal Phenomena; Flocculation; Management (water); Waste Water Treatment -general; ...2.1458

DEVELOPMENT OF A MATHEMATICAL MODEL FOR SEPARATION, COAGULATION AND SEDIMENTATION PROCESS USING ADDITION OF CHEMICALS ...Alum Waste Water Treatment; Effluent-standards; Lime Treatment; Model Studies; Process Design; Sedimentation; Waste Treatment Economics; ...3.0124

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Color; Disinfection; Farm Animal Wastes; Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment - general; ...3.0168

REMOVAL OF PHOSPHATE FROM WATER BY ALUMINUM AND IRON ...Adsorption; Chemical Treatment (water); Diffraction; Precipitation; Sewage; Water Chemistry; Water Pollution Sources; ...3.0218

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL-SOLIDS SEPARATION BY CHEMICAL TREATMENT AND FILTRATION ...Ash-coal Filters; Colloidal Phenomena; Fluid Mechanics; Sand Filters; Turbidity; ...3.0261

SOLUBLE PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Alum Waste Water Treatment; Phosphorus and Phosphorus Cpds; Sewage; Sewage Bacteria; ...3.0300

HIGH-RATE, MULTIPLE MEDIUM FILTRATION FOR SECONDARY TREATMENT OF MUNICIPAL WASTE WATER ...Biochemical Oxygen Demand; Chemical Analysis -general; Digestion; Effluent-standards; Filtration; Secondary Treatment; Waste Treatment Economics; ...3.0302

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues; Costs -see Economics Entries; Drying; Food Processing Industries; Freeze Drying; Pilot Plants; Precipitation; Waste Drying; Waste Treatment Economics; ...3.0305

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

Coalescence

STUDIES ON AEROSOLS OF SIZES DOWN TO 0.05 MICRON ...Aerosols; Air Pollution-chemistry; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Photolysis; ...1.0669

STATISTICAL METHODS IN AEROSOL STUDIES ...Aerosols; Air Pollution Analysis, Air Pollution-chemistry; Literature Search; Stochastic Processes; ...1.0878

EFFICIENCY OF FIBROUS BED COALESCERS ...Industrial Wastes; Waste Management -see Specific; Waste Treatment Economics; ...2.0891

FILTRATION OF AQUEOUS EFFLUENTS CARRYING EMULSIFIED OILS ...Chemical Water Properties; Filters-filtration; Fluid Mechanics; Turbidity (water); ...2.1169

Concentration

EVALUATION OF A NEW 'CRYOGENIC SAMPLER' FOR FIELD USE ...Air Pollution Analysis; Air Pollution Sampling; Air Pollution-chemistry; Analytical Instruments; Freeze Drying; Temperature Effects; Trace Analysis; ...1.0854

THE SEPARATION AND IDENTIFICATION OF TRACE ORGANICS OF INDUSTRIAL ORIGIN IN NATURAL WATERS ...Adsorption; Gas Chromatography; Infrared Spectroscopy; Organic Matter; Spectrographic Techniques; ...2.0581

Dialysis

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

ION EXCHANGE MEMBRANE STUDIES ...Ion Exchange; Ion Selective Membranes; Plate & Frame Membranes; Process Design; Tubular Membranes; Waste Management -see Specific; Waste Treatment Economics; ...2.1415

Electrostatic

CHARACTERIZATION OF EXPOSURE AEROSOLS ...Aerosols; Air Pollution -see Specifics; Data & Statistics Info Storage; Radon; Respiratory Irritants, Inhaled; Toxicology; ...1.0236

NAPCA/AISI SINTER PLANT EMISSION CONTROL DEVELOPMENT PROGRAM ...Air Pollution -see Specifics; Electrostatic Precipitators; Industrial Wastes; Particulates - Air Pollution; Scrubbers; ...1.0542

DETERMINATION OF MASS FLOW AND CONCENTRATION OF SUSPENSIONS ...Air Pollution-chemistry; Chemical Analysis -general; Coal Research; Combustion; Dust; Fuels; Furnace and Incinerator Design; ...1.0554

THE DUST LAYER AND PRECIPITATOR EFFICIENCY ...Dust; Electrical Phenomena; Electrostatic Precipitators; Energy Conversion; Particulates - Air Pollution; ...1.0627

REMOVAL OF PYRITE FROM COAL BY DRY METHODS ...Air Pollution-chemistry; Combustion; Deashing; Desulfurization; Energy Conversion; Magnetic; ...1.0658

REMOVAL OF PYRITE FROM COAL BY DRY METHODS ...Centrifugation; Desulfurization; Screening; ...1.0659

ELECTRICAL CHARGING OF SMALL PARTICLES AT LOW PRESSURES ...Aerosols; Electric Field; Electrical Phenomena; ...1.0893

Filtration

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aircraft; Aviation Medicine; Detectors and Sensors; Military Personnel; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Tobacco - cigars; Toxic Substances; ...1.0194

AEROSOL FILTRATION IN SLIP AND TRANSITION FLOW ...Aerosols; Filters; Particulate Matter - Air Poll.; ...1.0534

AIR CLEANING ...Aerosols; Air Cleaning Devices; Air Pollution Sampling; Air Pollution-chemistry; Electrostatic Precipitators; Filters; Particulates - Air Pollution; ...1.0544

FILTRATION OF AEROSOLS BY GRANULAR BEDS ...Additives; Air Cleaning Devices, Combustion; Energy Conversion; Furnace and Incinerator Design; ...1.0595

WEIGH AND COMPUTE CONCENTRATION OF SUSPENDED PARTICULATE MATTER IN SAMPLES COLLECTED BY THE NASN ...Air Pollution Analysis; Air Pollution-chemistry; Membranes; Temperature; ...1.0824

STATISTICAL METHODS IN AEROSOL STUDIES ...Aerosols; Air Pollution Analysis; Air Pollution-chemistry; Coalescence; Literature Search; Stochastic Processes; ...1.0878

SORPTION AND MOVEMENT OF POLLUTED WATER IN SOIL ...Groundwater; Pesticide Movement in Soils; Pesticides -nonspecific; Soil Chemical Properties; Soil Types -also See Specifics; Water Chemistry; ...2.0030

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Adsorption; Electrochemistry; Pilot Plants; Precipitation; Safety - Recreation; Viruses - Animal; Water Pollution -see Specifics; ...2.0836

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Chemical Analysis -general; Fluid Mechanics; Ion Exchange; Isotope Tracer -see Tracers; Mechanism Determination; Reactors; Sand Filters; Utilization; ...2.0888

WATER SUPPLIES ...Chemical Water Properties; Chlorination; Disinfectants; Iowa; Turbidity (water); Water Quality -general; Water Utilization -domestic; ...2.0895

CONCENTRATION AND ANALYSIS OF PESTICIDES AND OTHER RECALCITRANT MOLECULES IN WATER SUPPLIES BY ULTRAFILTRATION ...Analysis and Detection; Chemical Analysis (water); Pesticide Formulation; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0921

CARTRIDGE FILTRATION FOR IRON AND MANGANESE REMOVAL ...Coagulation; Demineralization; Groundwater; Ion Exchange; Oxidation; Pollutant Removal; ...2.0939

ELECTROPHORETIC CLARIFICATION OF WATER ...Adsorption; Colloidal Phenomena; Pesticide Residues Removal; Pesticides -see Pesticide; Size; Waste Water Treatment -general; Water Pollutant Identification; ...2.0948

DETERGENT DISPERSANT CHARACTERISTICS OF PETROLEUM FUELS ...Additives; Corrosion, Deterioration; Detergents - see Surfactants; Lubricants and Fluids; Petroleum Research; ...2.1033

DEVELOPMENT OF A PROTOTYPE FOR REMOVAL OF ORGANICS FROM WATER ...Carbon Filters; Organic Matter; Pilot Plants; Solvent; Water Chemistry; ...2.1094

ECONOMIC DISPOSAL OF WASTE SLUDGES FROM WATER TREATMENT PLANTS ...Additives; Coagulation; Dewatering; Disposal; Electrochemistry; Waste Treatment Economics; Water Purification; ...2.1121

OILY WATER SEPARATOR ...Fluid Mechanics; Oil Removal; Ship Wastes; Temperature; Waste Treatment; ...2.1207

THICKENING AND DEWATERING OF WATER TREATMENT SLUDGE ...Electrochemistry; Thickening; Waste Drying; Waste Treatment; Waste Water Treatment -general; ...2.1255

THE USE OF ANAEROBIC FILTERS FOR THE RENOVATION OF ACIDIC WASTEWATERS ...Acid Mine Wastes; Acidity (water); Anaerobic Wastewater Treatment; Mathematical Models; Organic Matter; Organics; Waste Water Treatment -general; ...2.1323

A NEW APPROACH FOR WATER RECLAMATION - COMPLETE TREATMENT OF WASTE WATER BY PHYSICO-CHEMICAL PROCESSES ...Bacteria; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Waste Water Treatment - general; ...2.1324

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ...Chelation & Complexing; Colloidal Phenomena; Fluid Mechanics; Mathematical Models; New England Province; Rhode Island; Sedimentation; ...2.1411

THE THICKENING AND DEWATERING OF PRECIPITATES FROM THE LIME/LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Wastes; Centrifugation; Disinfection; Lime Treatment; Thickening; ...2.1453

Flocculation

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Activated Sludge; Environmental Hazards; Groundwater; Landfill; Precipitation; Sanitary Sewage Quantity; Sewage Lagoons; Trickling Filters; ...2.0442

THE EFFECTIVENESS OF CONTACT FILTER FOR THE REMOVAL OF IRON FROM GROUND WATER ...Filtration; Groundwater; Oxidation; Pilot Plants; Water Chemistry; ...2.0871

FLOC STRENGTH AND FILTERABILITY OF PRE-TREATED WATER ...Alum Waste Water Treatment; Coagulation; Lime Treatment; Pilot Plants; Rapid Filters; Sand Filters; ...2.0874

ORTHOKINETIC FLOCCULATION OF HETERODISPERSED SYSTEMS ...Kinetics; Water Chemistry; Water Properties - general; ...2.0875

IMPROVEMENT OF QUALITY OF WATER RESOURCES BY A THREE-FOLD ATTACK - ADSORPTION, SEDIMENTATION AND MIXING ...Adsorption; Adsorption Capacity; Pollutant Removal; Process Design; Thermodynamics; Water Pollution Abatement; ...2.0905

DEVELOPMENT NEUTRON ACTIVATION TECHNIQUES FOR INVESTIGATION OF WATER CLARIFICATION ...Activation Analysis; Coagulation; Soil Filters; Zeta Potential; ...2.0915

CONCENTRATION OF CHEMICALS BY FLOC FORMING ORGANISMS ...Aerobic Waste Water Treatment; Farm Animal Wastes; Industrial Wastes; Product Development Research; Waste Water Treatment -general; ...2.0933

TERTIARY TREATMENT BY FLOCCULATION AND RAPID SAND FILTRATION ...Additives; Sedimentation; Tertiary Treatment; Waste Water Treatment -general; ...2.0935

VIRUS REMOVAL-WATER AND WASTEWATER ...Bacteriophage; Carbon; Chlorination; Ion Exchange; Viral Pollutant Sources; Virus; Waste Water Treatment -general; ...2.0946

REMOVAL OF SUSPENDED MATTER AND TURBIDITY FROM WATER BY FLOCCULATION ...Colloidal Phenomena; Electrochemistry; Floods; Israel; Salinity (water); Suspension; Water Chemistry; ...2.1022

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacterial Pollutant Sources; Coliforms -nonspecific; Filtration; Foreign Agriculture; Hydrolysis, Esterification; Pilot Plants; Recharge (water); Sediments; Turbidity (water); ...2.1023

OXYGEN CONSUMPTION IN CONTINUOUS BIOLOGICAL CULTURE ...Activated Sludge; Aeration (water); Gases; Process Design; Waste Water Treatment -general; ...2.1024

MULTILAYER FILTRATION ...Ash-coal Filters; Filters - Porous Materials; Plastics; Turbidity; ...2.1111

ANTELOPE VALLEY WASTE WATER RECLAMATION FACILITY ...Effluent-standards; Filters-filtration; Impaired Water Use; Pond; Sewage Lagoons; ...2.1179

TERTIARY TREATMENT IN THE PURIFICATION OF WASTE WATER ...Activated Sludge; Alum Waste Water Treatment; Denitrification -see Nitrogen; Ocean; Septic Tanks; Trickling Filters; Waste Water Treatment -general; ...2.1180

WATER QUALITY CONTROL WITH SYNTHETIC POLYMERIC FLOCCULANTS - EFFECT OF MG, CA, CU, & ZN IONS ON BACTERIA & ALGAE (ABBREV) ...Additives; Bacterial Pollutant Sources; Sewage Treatment Plant; Waste Water Treatment - general; Water Quality Control -general; ...2.1206

INVESTIGATION OF AMPHIPATHIC WATER-SOLUBLE POLYMERS AS FLOCCULANTS AND FLOTATION AIDS IN DOMESTIC WASTEWATER TREATMENT ...Additives; Electrochemistry; Flotation; Sewage - Domestic; Surfactants -see Detergents; Waste Water Treatment -general; Water Pollution Sources, ...2.1209

INTEGRATED TREATMENT OF LIQUID WASTES FROM FOOD CANNING OPERATIONS ...Biochemical Oxygen Demand; Canning Wastes -see Food Proc.; Flotation; Food Processing Industries; Organics; Trickling Filters; ...2.1218

WHITE WATER CLARIFICATION AND REUSE ...Electrochemistry; Optimization, Economic; Pulp and Paper Wastes; Waste Treatment Economics; Water Reuse; ...2.1244

DIATOM REMOVAL BY FLOCCULATION ...Algal Pollutant Sources; Contamination - Water; Oxidation; Pollutant Removal; Temperature (water); ...2.1251

NUTRIENT REMOVAL IN A WATER TREATMENT PLANT ...Biochemical Oxygen Demand; Coagulation; Nutrients; Sand Filters; ...2.1252

FLOCCULATION AND CLARIFICATION OF MINERAL SUSPENSIONS ...Electrochemistry; Iron; Minnesota; Streaming Potential; ...2.1311

EFFICIENCY AND ECONOMY OF POLYMERIC SEWAGE CLARIFICATION ...Combustible Filters; Recycle Water; Urban Research -general; Waste Treatment Economics; ...2.1315

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ...Alum Waste Water Treatment; Biochemical Oxygen Demand; Electrodialysis; Ion Exchange; Sand Filters; Solid Waste; Waste Treatment Economics; ...2.1365

COAGULATION OF CLAYS WITH HYDROLYZING METALS ...Coagulation; Hydrolysis, Esterification; ...2.1375

PRECIPITATION OF PHOSPHATES FROM WATER WITH FERROUS SALTS ...Biochemical Oxygen Demand; Chemical Treatment -general; Flotation; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1377

SINGLE STAGE LIME TREATMENT OF WASTEWATER ...Demineralization; Lime Treatment; Tertiary Treatment; Turbidity; Waste Water Treatment -general; ...2.1381

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ...Chelation & Complexing; Colloidal Phenomena; Filtration; Fluid Mechanics; Mathematical Models; New England Province; Rhode Island; Sedimentation; ...2.1411

THE THICKENING AND DEWATERING OF PRECIPITATES FROM THE LIME/LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Wastes; Centrifugation; Disinfection; Filtration; Lime Treatment; Thickening; ...2.1453

APPLICATIONS OF AGGLOMERATE SIZE MEASUREMENT TO PROBLEMS IN WATER RESOURCES MANAGEMENT ...Activated Sludge; Coagulation; Colloidal Phenomena; Management (water); Waste Water Treatment -general; ...2.1458

INVESTIGATIONS OF ZOOGLOEAL FLOCS ...Bacterial Classification; Bacterial Identification; Model Studies; Waste Water Treatment -general; ...2.1461

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Adsorption; Algal Physiology; Colloidal Phenomena; Eutrophication; Gases, Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Sewage Bacteria; Waste Water Treatment -general; ...2.1463

EXPERIMENTS TO DETERMINE THE EFFECTIVENESS OF PHOSPHATE REMOVAL BY MEANS OF THE MOVING BED FILTER ...Filtration; Process Design; Solid Waste; Waste Treatment Economics; ...3.0215

SOLID AND LIQUID WASTES ...Activated Sludge; Salmonella - nonspecific & -ot.; Solid Waste; Waste Water -general; ...3.0219

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL--FLOCCULATION BY ORGANIC POLYMERS ...Colloidal Phenomena; Electrochemistry; Electrophoresis; Sand Filters; Thickening; ...3.0260

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL--SOLIDS SEPARATION BY CHEMICAL TREATMENT AND FILTRATION ...Ash-coal Filters; Colloidal Phenomena; Fluid Mechanics; Sand Filters; Turbidity; ...3.0261

RESEARCH INITIATION-PHYSIOLOGICAL AND STRUCTURAL STUDIES OF SPHAEROTILUS NATANS IN RELATION TO THE BULKING OF ACTIVATED SLUDGE ...Activated Sludge; Bacterial Morphology; Chemical Analysis (water); Isotope Tracer -see Tracers; Microscopy; Sphaerotilus; ...3.0271

Flotation

FOAM SEPARATION FLOTATION OF COLLOID ORGANIC SYSTEMS ...Chelation & Complexing; Demineralization; Fluid Mechanics; Mineralogical Water Properties; Process Design; Surfactants -see Detergents; Waste Water Treatment -general; ...2.0899

PURIFICATION OF LOW QUALITY WATERS BY FOAM SEPARATION ...Bacteria; Bubbles; Color; Foam; Turbidity; Waste Water Treatment -general; ..2.0918

REMOVAL OF OIL FROM AQUEOUS WASTES BY FLOTATION ...Bubbles; Oil Removal; Petroleum Wastes - Spillage; Water Quality Control -general; ...2.1168

INVESTIGATION OF AMPHIPATHIC WATER-SOLUBLE POLYMERS AS FLOCCULANTS AND FLOTATION AIDS IN DOMESTIC WASTEWATER TREATMENT ...Additives; Electrochemistry; Flocculation; Sewage - Domestic; Surfactants -see Detergents; Waste Water Treatment -general; Water Pollution Sources; ...2.1209

ANAEROBIC TREATMENT OF STARCH WASTEWATERS ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Colloidal Phenomena; Sedimentation; Waste Digestion; Waste Management -see Specific; Waste Water Treatment - general; ...2.1212

INTEGRATED TREATMENT OF LIQUID WASTES FROM FOOD CANNING OPERATIONS ...Biochemical Oxygen Demand; Canning Wastes -see Food Proc.; Flocculation; Food Processing Industries; Organics; Trickling Filters; ...2.1218

USE OF COAGULATION IN THE FLOTATION OF WASTEWATER ...Biochemical Oxygen Demand; Coagulation; Industrial Wastes; Petroleum Wastes - Spillage; Sedimentation; Turbidity; Waste Management -see Specific; ...2.1247

EFFECT OF SURFACTANT MICELLES ON METAL ION REMOVAL BY FLOTATION FROM METALLURGICAL WASTEWATER ...Chemical Mechanisms & Kinetics; Lead; Metal Processing Wastes; Surfactants -see Detergents; Ultrasonics; Zinc; ...2.1327

REMOVAL OF METAL IONS BY FLOTATION WITH SURFACTANTS ...Chelation & Complexing; Surfactants -see Detergents; Temperature; Waste Water Treatment -general; Water Chemistry; ...2.1328

AN INVESTIGATION OF TECHNIQUES FOR THE REMOVAL OF CHROMIUM AND CYANIDES FROM ELECTROPLATING WASTES ...Chelation & Complexing; Coatings -see Materials; Inspection and Control; Plating Wastes; Precipitation; Waste Material Recovery; ...2.1334

REMOVAL OF TRACE METALS FROM WATER BY ION FLOTATION ...Demineralization; Foam; Mineralization; Surfactants -see Detergents; Waste Management -see Specific; ...2.1374

PRECIPITATION OF PHOSPHATES FROM WATER WITH FERROUS SALTS ...Biochemical Oxygen Demand; Chemical Treatment -general; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1377

TREATMENT OF DYEING BATH WASTE STREAMS BY FOAMING AND FLOTATION TECHNIQUES ...Adsorption; Chemical Effects; Dye Wastes; Fibers; Foam; Plastics; Southeast U. S.; Textile Industry; ...2.1441

CHEMICAL AND ENGINEERING ASPECTS OF POTATO PROCESSING WASTES TREATMENT ...Electrochemistry; Food Processing Industries; Food Processing Wastes; Sewer Systems; Waste Material Recovery; ...3.0287

Foam

BASIC STUDY OF AIR POLLUTION WET-SCRUBBERS ...Absorption - Chemistry; Chemical Mechanisms & Kinetics; Energy Conversion; Particulate Matter - Air Poll.; Washing; ...1.0538

FOAM SEPARATION FLOTATION OF COLLOID ORGANIC SYSTEMS ...Chelation & Complexing; Demineralization; Fluid Mechanics; Mineralogical Water Properties; Process Design; Surfactants -see Detergents; Waste Water Treatment -general; ...2.0899

PURIFICATION OF LOW QUALITY WATERS BY FOAM SEPARATION ...Bacteria; Bubbles; Color; Flotation; Turbidity; Waste Water Treatment -general; ...2.0918

ENRICHMENT OF METALS IN SEAWATER BY FOAM PRODUCTION ...Bubbles; Chemical Mechanisms & Kinetics; Marine Pollution; Sea Water Chemistry; Trace Elements; Water Chemistry; X-ray Spectroscopy; ...2.1043

OIL SPILLAGE CONTROL ...Oil Removal; Petroleum Wastes - Spillage; Surfactants -see Detergents; Vacuum Techniques; Waste Management -see Specific; ...2.1078

BOD, SOLIDS AND NUTRIENT REMOVAL FROM SECONDARY EFFLUENT BY FOAM FRACTIONATION ...Biochemical Oxygen Demand; California; Denitrification -see Nitrogen; Pilot Plants; Recycle Water; ...2.1193

STUDIES IN FOAM SEPARATION AND RELATED TECHNIQUES ...Mercury; Metal Processing Wastes; Surfactants - see Detergents; Waste Treatment; ...2.1296

THE ORGANIC CONCENTRATION GRADIENT IN AN AERATION COLUMN ...Aeration (water); Bubbles; Organic Matter; Organic Water Properties; Separation; Surfactants -see Detergents; ...2.1337

REMOVAL OF TRACE METALS FROM WATER BY ION FLOTATION ...Demineralization; Mineralization; Surfactants -see Detergents; Waste Management -see Specific; ...2.1374

TREATMENT OF DYEING BATH WASTE STREAMS BY FOAMING AND FLOTATION TECHNIQUES ...Adsorption; Chemical Effects; Dye Wastes; Fibers; Plastics; Southeast U. S.; Textile Industry; ...2.1441

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues; Costs -see Economics Entries; Drying; Food Processing Industries; Freeze Drying; Pilot Plants; Precipitation; Waste Drying; Waste Treatment Economics; ...3.0305

Freezing

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Digestive System - Human; Muridae; Photochemical Reactions; Radiation; Radiation Effects - Biological; Urine; ...5.0573

Gel Filtration

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

DEVELOPMENT OF FIELD METHODS IN SAMPLING WATER FOR PESTICIDE ANALYSIS ...Chemical Analysis; Chemical Extraction; Chlorine; Membranes; Pesticides -see Pesticide; Plastics; Water Chemistry; ...4.0049

Isotope

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Borehole Geophysics; Burial; Groundwater; Idaho; Isotope Tracer -see Tracers; Radioisotopes; Waste Water - general; Water Pollution Sources; ...2.0569

Magnetic

REMOVAL OF PYRITE FROM COAL BY DRY METHODS ...Air Pollution-chemistry; Combustion; Deashing; Desulfurization; Electrostatic; Energy Conversion; ...1.0658

Pelletizing

SCRAP AND RECYCLE RESEARCH ...Automotive Application; Electrical, Electronic Mtl.; Mechanism Determination; Oxidation; Photography; ...3.0382

Precipitation

REMOVAL OF DISSOLVED CONTAMINANTS FROM MINE DRAINAGE ...Acid Mine Drainage; Acid Mine Wastes; Mining Industry; Waste Water Treatment -general; ...2.0403

GEOCHEMICAL BEHAVIOR OF IRON AND MANGANESE IN A RESERVOIR (LAKE LYNN, WEST VIRGINIA) FED BY STREAMS CONTAINING ACID MINE DRAINAGE ...Acid Mine Wastes; Analysis and Detection; Geochemical Analysis (water); Sediments; Stratification (water); West Virginia; ...2.0431

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Activated Sludge; Environmental Hazards; Groundwater; Landfill; Sanitary Sewage Quantity; Sewage Lagoons; Trickling Filters; ...2.0442

PHYSICAL CHEMISTRY OF RADIOELEMENTS - RADIOMETRIC METHODS OF ANALYSIS ...Activation Analysis; Analysis and Detection; Chemical Extraction; Gamma Spectroscopy; Ion Exchange; Spectrographic Techniques; Water Pollution Sources; ...2.0515

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Adsorption; Electrochemistry; Filtration; Pilot Plants; Safety - Recreation; Viruses - Animal; Water Pollution -see Specifics; ...2.0836

IMPROVEMENT OF QUALITY OF WATER RESOURCES BY A THREE-FOLD ATTACK - ADSORPTION, SEDIMENTATION AND MIXING ...Adsorption; Adsorption Capacity; Flocculation; Pollutant Removal; Process Design; Thermodynamics; Water Pollution Abatement; ...2.0905

PARAMETRIC STUDY OF THE KINETICS OF PRECIPITATION AND NATURE OF THE PRECIPITATE OBTAINED IN PHOSPHATE REMOVAL USING IRON AND ALUMINUM SALT ...Chemical Mechanisms & Kinetics; Tertiary Treatment; ...2.1173

CONCENTRATION OF SUGAR BEET WASTES FOR ECONOMIC TREATMENT WITH BIOLOGICAL SYSTEMS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Effluent-standards; Waste Treatment Economics; ...2.1199

AMMONIA STRIPPING MATHEMATICAL MODEL FOR WASTE WATER TREATMENT ...Aeration (water); Computer Languages; Development of Models; Fixed Film -see Economics Entries; Mathematical Models; Model Studies; Waste Treatment Economics; ...2.1246

USE OF LIME-SODA ASH SLUDGE FOR THE TREATMENT OF MUNICIPAL WASTEWATER ...Disposal; Lime Treatment; Sewage - Domestic; Waste Treatment Economics; Water Pollution Sources; ...2.1275

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Atomic Absorption; Lead; Mineralogy; Ore Deposits; Pond; Waste Water Treatment -general; X-ray Spectroscopy; ...2.1322

AN INVESTIGATION OF TECHNIQUES FOR THE REMOVAL OF CHROMIUM AND CYANIDES FROM ELECTROPLATING WASTES ...Chelation & Complexing; Coatings -see Materials; Flotation; Inspection and Control; Plating Wastes; Waste Material Recovery; ...2.1334

REMOVAL OF PHOSPHATE FROM WASTE WATER BY ALUMINUM AND IRON ...Mechanism Determination; Waste Water Treatment -general; ...2.1336

TERTIARY TREATMENT OF ANIMAL WASTE WATERS ...Aerobic Waste Water Treatment; Bod; Denitrification -see Nitrogen; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; ...2.1346

PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PLANT ...Activated Sludge; Aeration (water); Alum Waste Water Treatment; Denitrification -see Nitrogen; Sewage - Domestic; ...2.1351

IMPROVE POLLUTION CONTROL BY REUSE OF PAPER MACHINE PROCESS WATERS ...Coagulation; Disposal; Pulp and Paper Wastes; Waste Material Recovery; Waste Water Treatment -general; Water Reuse; ...2.1356

WATER POLLUTION REDUCTION THROUGH RECOVERY OF DESIZING WASTES ...Biochemical Oxygen Demand; Effluents - Waste Water; Industrial Wastes; Textile Industry; Waste Material Recovery; ...2.1358

PRECIPITATION OF PHOSPHATES FROM WATER WITH FERROUS SALTS ...Biochemical Oxygen Demand; Chemical Treatment -general; Flotation; Nitrogen and Nitrogen Cpds.; ...2.1377

MICROBIOLOGICAL REMOVAL OF IRON FROM MINE DRAINAGE WATERS ...Acid Mine Wastes; Demineralization; Mine Drainage Control; Oxidation; Reduction Reactions; Waste Water Treatment -general; ...2.1384

Separation

REMOVAL OF NITROGENOUS COMPOUNDS FROM A FERTILIZER PLANT EFFLUENT USING A MODIFIED OPERATION OF CONVENTIONAL WASTE TREATMENT SYSTEMS ...Aeration (water); Denitrification -see Nitrogen; Ion Exchange; Trickling Filters; ...2.1417

THE THICKENING AND DEWATERING OF PRECIPITATES FROM THE LIME/LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Wastes; Centrifugation; Disinfection; Filtration; Lime Treatment; Thickening; ...2.1453

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Aquatic Ecology - Animal; Atomic Absorption; Geochemical Analysis (water); Lead; Water Pollution Effects; Water Purification; Zinc; ...2.1636

REMOVAL OF PHOSPHATE FROM WATER BY ALUMINUM AND IRON ...Adsorption; Chemical Treatment (water); Coagulation; Diffraction; Sewage; Water Chemistry; Water Pollution Sources; ...3.0218

WEST COXSACKIE PROJECT - HIGH-PERFORMANCE BIO-TREATMENT OF MUNICIPAL SEWAGE ...Activated Sludge; Aerobic Waste Water Treatment; Chlorination; New York; Oxidation; Process Design; Sewage - Domestic; ...3.0225

SOLUBLE PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Alum Waste Water Treatment; Phosphorus and Phosphorus Cpds; Sewage; Sewage Bacteria; ...3.0300

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues; Costs -see Economics Entries; Drying; Food Processing Industries; Freeze Drying; Pilot Plants; Waste Drying; Waste Treatment Economics; ...3.0305

TREATMENT AND DISPOSAL OF CONDENSATE WASTES FROM HIGH LEVEL WASTE SOLIDIFICATION PROCESSES ...Atomic Plants; Crystallization; Distillation; Fuel; Nuclear Reactors; Temperature Effects; Waste Management -see Specific; ...3.0339

Salting Out

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

Screening

REMOVAL OF PYRITE FROM COAL BY DRY METHODS ...Centrifugation; Desulfurization; Electrostatic; ...1.0659

Sedimentation

GEOCHEMICAL BEHAVIOR OF IRON AND MANGANESE IN A RESERVOIR (LAKE LYNN, WEST VIRGINIA) FED BY STREAMS CONTAINING ACID MINE DRAINAGE ...Acid Mine Wastes; Analysis and Detection; Geochemical Analysis (water); Precipitation; Sediments; Stratification (water); West Virginia; ...2.0431

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Activated Sludge; Environmental Hazards; Groundwater; Landfill; Precipitation; Sanitary Sewage Quantity; Sewage Lagoons; Trickling Filters; ...2.0442

RI - AN EVALUATION OF THE BOD TEST ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Kinetics; Primary Treatment; Secondary Treatment; Sewage - Domestic; Tertiary Treatment; ...2.0830

IMPROVEMENT OF QUALITY OF WATER RESOURCES BY A THREE-FOLD ATTACK - ADSORPTION, SEDIMENTATION AND MIXING ...Adsorption; Adsorption Capacity; Flocculation; Pollutant Removal; Process Design; Thermodynamics; Water Pollution Abatement; ...2.0905

TERTIARY TREATMENT BY FLOCCULATION AND RAPID SAND FILTRATION ...Additives; Flocculation; Tertiary Treatment; Waste Water Treatment -general; ...2.0935

PROVIDE A COMPENDIUM OF OIL SPILL TREATING AGENTS COVERING ABSORBENTS, DISPERSANTS, SINKING AGENTS, COMBUSTION PROMOTERS, GELLING AGENTS, ETC ...Absorption - Chemistry; Combustion; Dispersants; Oil; Oil Removal; Petroleum Wastes - Spillage; ...2.0955

TREATMENT OF PEAK WET WEATHER WASTEWATER FLOWS, AND RATE CONTROL OF ALL WASTEWATER DISCHARGES TO INTERCEPTOR SEWERS ...Aeration (water); Infiltration; Overflow -see Fluid Mechanics; Sewage Lagoons; Sewer Systems; Storm Sewer Quantity; Waste Water Treatment -general; ...2.1190

ANAEROBIC TREATMENT OF STARCH WASTEWATERS ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Colloidal Phenomena; Flotation; Waste Digestion; Waste Management -see Specific; Waste Water Treatment -general; ...2.1212

USE OF COAGULATION IN THE FLOTATION OF WASTEWATER ...Biochemical Oxygen Demand; Coagulation; Flotation; Industrial Wastes; Petroleum Wastes - Spillage; Turbidity; Waste Management -see Specific; ...2.1247

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ...Alum Waste Water Treatment; Biochemical Oxygen Demand; Electrodialysis; Flocculation; Ion Exchange; Sand Filters; Solid Waste; Waste Treatment Economics; ...2.1365

WASTE WATER PURIFICATION ...Activated Sludge; Adsorption; Combustion; Dewatering; Energy Conversion; Surfactants -see Detergents; ...2.1390

CHEMICAL AND PHYSICAL FACTORS IN THE FLOCCULATION OF METAL PROCESSING WASTES WITH POLYELECTROLYTES ...Chelation & Complexing; Colloidal Phenomena; Filtration; Fluid Mechanics; Mathematical Models; New England Province; Rhode Island; ...2.1411

PHOSPHATE EXCHANGE WITH SEDIMENTS ...Analysis and Detection; Chemical Water Properties; Eutrophication; Water Quality Control -general; ...2.1582

TRANSIENT LOADING EFFECTS IN THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Modification of Models; Organics; Results of Models; Waste Management -see Specific; Waste Water Degradation; ...3.0067

DEVELOPMENT OF A MATHEMATICAL MODEL FOR SEPARATION, COAGULATION AND SEDIMENTATION PROCESS USING ADDITION OF CHEMICALS ...Alum Waste Water Treatment; Coagulation; Effluent-standards; Lime Treatment; Model Studies; Process Design; Waste Treatment Economics; ...3.0124

LAGOONS FOR DISPOSAL OF BARN YARD WASTES ...Aeration (water); Bos; Effluents - Waste Water; Farm Animal Wastes; Lagoon; Microorganisms -nonspecific; Sewage Lagoons; Taste & Odor of Water; ...3.0152

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL--SOLIDS SEPARATION BY CHEMICAL TREATMENT AND FILTRATION ...Ash-coal Filters; Colloidal Phenomena; Fluid Mechanics; Sand Filters; Turbidity; ...3.0261

Septic Tanks

WATER QUALITY DEGRADATION BY SEPTIC TANK DRAINAGE ...Degradation -see Pesticide Deg; Maine; Phosphorus and Phosphorus Cpds; Water Quality Control - general; ...2.0165

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research -general; ...2.0329

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Flood Irrigation; Groundwater; Potable Water; Recreation, Water Resources; Sewage - Domestic; Water Wells; ...2.0883

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Diffusion; Groundwater Movement; Organic Matter; Oxidation; Polarography; Soil Chemical Properties; Soil Moisture; ...2.0989

TERTIARY TREATMENT IN THE PURIFICATION OF WASTE WATER ...Activated Sludge; Alum Waste Water Treatment; Denitrification -see Nitrogen; Ocean; Trickling Filters; Waste Water Treatment -general; ...2.1180

WASTE WATER DISPOSAL SYSTEMS FOR DEVELOPING UNSEWERED AREAS ...Connecticut; Home Waste Disposal Units; Leaching; Rural Areas; Sewage - Domestic; Soil Moisture; ...2.1203

INDIVIDUAL WASTE DISPOSAL SYSTEMS ...Aeration (water); Effluent-standards; Pipe; Sewer Maintenance; Waste Disposal-see Solid Waste; ...2.1205

DISPOSAL OF WASTE FROM SWINE FEEDING FLOORS TO MINIMIZE OR ELIMINATE STREAM POLLUTION ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Waste Disposal on Soils; ...2.1291

ENVIRONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT ...Aquifers; Erosion; Landfills -see Water Pollution; Recharge (water); Surficial Geology Studies; Vermont; Water Table; ...2.1437

DEVELOP FIELD PROCEDURES FOR PREDICTING MOVEMENT OF LIQUID WASTES IN SOILS ...Percolation (water); Saturated - Unsaturated Soils; Soil Analysis; Soil Moisture; Soil Permeability; Water Pollutants - Path of; Wisconsin; ...2.1459

CLAY-WATER SYSTEMS IN RELATION TO ENGINEERING PROPERTIES OF CLAY MATERIALS ...Clay Soils; Infiltration; Mass Wasting, Geological; Size; Suburban Areas; Urban Research -general; ...3.0050

THE EVALUATION OF ACROLEIN AND ANALOGS TO DEODORIZE SEPTIC WATERS ...Aldehydes -nonspecific; Sewage Bacteria; Waste Treatment Economics; ...3.0051

BOD FOR HOUSEHOLD SEWAGE ...Biochemical Oxygen Demand; Sewer Systems; ...3.0054

TREATMENT PROCESSES - WASTES PUMPED FROM SEPTIC TANKS ...Pumps; Sewage Bacteria; Sewage Treatment Plant; Waste Treatment; ...3.0096

WASTE DISPOSAL IN RURAL AREAS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Connecticut; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rural Areas; Waste Disposal on Soils; Water Pollutant Identification; ...3.0098

WASTE TREATMENT FOR AN INDIVIDUAL HOME WITH REUSE OF THE WATER ...Aeration (water); Filters-filtration; Flushing Devices; Materials, Composite; Recycle Water; Small Sanitation Unit; ...3.0139

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bog; Drainage; Effluents - Waste Water; Lysimeters; Rural Areas; Sewage; Soil Aeration; Soil pH; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Structure -other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Analysis and Detection; Biochemical Oxygen Demand, Effluent-standards; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Silty Soils; Water Pollutant Identification; ...3.0350

Sewage - Domestic

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Bacterial Population Surveys; Column Chromatography, Electrophoresis; Isotope Tracer -see Tracers; Phosphorus; Sewage; Sewage Bacteria; ...2.0020

CANADARAGO LAKE EUTROPHICATION STUDY ...Agricultural Runoff; Biological Water Properties; Data Acquisition; New York; Phosphorus and Phosphorus Cpds; Soil Tillage; Urban Runoff; ...2.0256

UPPER DELAWARE WASTE ASSIMILATIVE CAPACITY MODEL ...Acidity (water); Biological Water Properties; Delaware River; New Jersey; Waste Disposal-see Solid Waste; ...2.0678

RI - AN EVALUATION OF THE BOD TEST ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Kinetics; Primary Treatment; Secondary Treatment; Sedimentation; Tertiary Treatment; ...2.0830

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Flood Irrigation; Groundwater; Potable Water; Recreation, Water Resources; Septic Tanks; Water Wells; ...2.0883

DESIGN REQUIREMENTS FOR MUNICIPAL DIATOMITE FILTERS ...Coagulation; Electrochemistry; Filters-filtration; Process Design; Turbidity; ...2.0896

KINETICS OF DISINFECTION WITH CHLORINE ...Chlorination; Chlorine; Disinfection; Organics; Water Chemistry; ...2.0909

DISINFECTION OF RENOVATED WASTEWATER ...Chlorination; Disinfection; General Recreation Studies; Ozonization; Water Reuse; ...2.0931

TERTIARY TREATMENT BY FLOCCULATION AND RAPID SAND FILTRATION ...Additives; Flocculation; Sedimentation; Tertiary Treatment; Waste Water Treatment -general; ...2.0935

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EFFLUENT PRIOR TO A MAJOR FLOW INCREASE ...Arthropods; Biological Water Properties; Chemical Water Properties; Estuaries; Recreation, Water Resources; Secondary Treatment; Sewage Treatment Plant; Water Pollutant Identification; ...2.0987

NITRIFICATION AT LOW TEMPERATURE ...Aeration (water); Biological Treatment-general; Effluent-standards; Oxygen; ...2.1184

MYCOLOGICAL PHENOMENA IN SEWAGE SPREADING BASINS ...Activated; Cellular Catabolism-see Degrad; Environmental Factors; Sewage; Soil Bacteria; Soil Microbiology; Waste Disposal on Soils; ...2.1185

VACUUM WASTEWATER COLLECTION SYSTEMS FOR NAVAL ADVANCED BASES ...Sanitation; Vacuum Techniques; ...2.1188

WASTE WATER DISPOSAL SYSTEMS FOR DEVELOPING UNSEWERED AREAS ...Connecticut; Home Waste Disposal Units; Leaching; Rural Areas; Septic Tanks; Soil Moisture; ...2.1203

INVESTIGATION OF AMPHIPATHIC WATER-SOLUBLE POLYMERS AS FLOCCULANTS AND FLOTATION AIDS IN DOMESTIC WASTEWATER TREATMENT ...Additives; Electrochemistry; Flocculation; Flotation; Surfactants -see Detergents; Waste Water Treatment -general; Water Pollution Sources; ...2.1209

MEASUREMENT OF ACTIVE BIOMASS CONCENTRATIONS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Cellular Physiology- Env. Eff.; Industrial Wastes; Waste Management -see Specific; Water Pollution Sources; ...2.1237

NEW MICROBIAL INDICATOR OF WASTEWATER CHLORINATION EFFICIENCY ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Chlorine; Coliforms -nonspecific; Intestinal Bacteria; Water Pollutant Identification; ...2.1258

RECLAMATION OF ENERGY FROM ORGANIC REFUSE ...Anaerobic Wastewater Treatment; Digestion; Fuels; Organic Matter; Waste Material Recovery; ...2.1261

REMOVAL OF ORGANIC AND EUTROPHYING POLLUTANTS BY COMBINED CHEMICAL AND BIOLOGICAL TREATMENT ...Biological Treatment-general; Chemical Treatment -general; Denitrification -see Nitrogen; Eutrophication; Nitrogen and Nitrogen Cpds.; Organics; Waste Management -see Specific; ...2.1268

USE OF LIME-SODA ASH SLUDGE FOR THE TREATMENT OF MUNICIPAL WASTEWATER ...Disposal; Lime Treatment; Waste Treatment Economics; Water Pollution Sources; ...2.1275

PILOT PLANT DEMONSTRATION OF A LIME-BIOLOGICAL TREATMENT PHOSPHORUS REMOVAL SYSTEM ...Activated Sludge; Coagulation; Lime Treatment; Pilot Plants; Process Design; Waste Treatment Economics; Waste Water Treatment -general; ...2.1279

REVERSE OSMOSIS TREATMENT OF WASTEWATERS ...Coagulation; Electrochemistry; Membranes; Organic Waste -see Waste Treat; Organics; Reverse Osmosis; Waste Water Treatment -general; ...2.1294

PILOT-SCALE STUDY OF IMPROVED PHOSPHATE REMOVAL BY MODIFIED ACTIVATED SLUDGE PROCESS ...Activated Sludge; Burning; Dewatering; Lakes; Pilot Plants; Thickening; Waste Water Treatment -general; ...2.1302

THE CHARACTERIZATION OF SOLUBLE PHOSPHORUS COMPOUNDS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Activated Sludge; Densitometer; Hydrolysis, Esterification; Tertiary Treatment; Thin Layer Chromatography; ...2.1303

NITRIFICATION AND DENITRIFICATION OF WASTE WATER ...Activated Sludge; Denitrification -see Nitrogen; Farm Animal Wastes; Pilot Plants; ...2.1312

A NEW APPROACH FOR WATER RECLAMATION - COMPLETE TREATMENT OF WASTE WATER BY PHYSICO-CHEMICAL PROCESSES ...Bacteria; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Waste Water Treatment -general; ...2.1324

REMOVAL OF BOD AND NUTRIENTS BY BIOLOGICAL SLIMES ...Air; Biochemical Oxygen Demand; Denitrification -see Nitrogen; Organics; Pilot Plants; ...2.1338

PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PLANT ...Activated Sludge; Aeration (water); Alum Waste Water Treatment; Denitrification -see Nitrogen; Precipitation; ...2.1351

CONTROL OF MINERAL CONSTITUENTS IN WASTE WATER BY ELECTRODIALYSIS ...Demineralization; Electrodialysis; Mineralogical Water Properties; Pilot Plants; Solid Waste; Waste Water Treatment -general; ...2.1364

REMOVAL OF TRACE METALS FROM WATER BY ION FLOTATION ...Demineralization; Foam; Mineralization; Surfactants -see Detergents; Waste Management -see Specific; ...2.1374

PROCESS MODELING OF BIOLOGICAL WASTE TREATMENT ...Biological Treatment-general; Mathematical Models; Sewage; Waste Water Treatment -general; ...2.1423

TERTIARY TREATMENT BY COUNTER-CURRENT CARBON FILTRATION ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Pilot Plants; Sewage Treatment Plant; Total Organic Carbon; ...2.1427

PHOSPHORUS REMOVAL AND DISPOSAL FROM MUNICIPAL WASTEWATER ...Denitrification -see Nitrogen; Waste Disposal-see Solid Waste; Waste Treatment Economics; ...2.1429

METHODS TO REDUCE WATER POLLUTION CAUSED BY STORM WATER SEWER LOADING BY USING FLUID FLOW FRICTION REDUCERS ...Chemical Mechanisms & Kinetics; Electrochemistry; Groundwater; Pipe; ...2.1432

THE EFFECT OF DETERGENTS ON THE OXYGENATION OF WATER ...Absorption - Chemistry; Activated Sludge; Adsorption; Detergents -see Surfactants; Hydrophilic; Hydrophobic; Surfactants -see Detergents; ...2.1440

COMBINED STEEL MILL AND MUNICIPAL WASTEWATERS TREATMENT ...Industrial Wastes; Iron and Steel Industry; Ohio River; Rainfall - Runoff Relationship; Sewage Treatment Plant; Water Pollution Sources; Water Standards & Baselines; ...2.1454

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

CARBONIZATION OF MUNCIPAL AND INDUSTRIAL WASTE ...Chemical Analysis -general; Pilot Plants; Thermal Decomposition; Waste Material Recovery; ...3.0039

CLAY-WATER SYSTEMS IN RELATION TO ENGINEERING PROPERTIES OF CLAY MATERIALS ...Clay Soils; Infiltration; Mass Wasting, Geological; Septic Tanks; Size; Suburban Areas; Urban Research -general; ...3.0050

APPLICABILITY OF ARDOX CATALYSTS TO THE OXIDATION OF MUNICIPAL SEWAGE EFFLUENTS AND OF WASTES PRODUCED DURING MANNED SPACE FLIGHT ...Catalysts; Catalytic; Effluent-standards; Sewer Systems; Solid Waste Management; Waste Disposal-see Solid Waste; ...3.0052

COMPLETE MIX ACTIVATED SLUDGE UNIT PROCESS ADAPTION TO LOW TEMPERATURE ...Activated Sludge; Alaska; Biochemical Oxygen Demand; Meteorological Extremes; Pilot Plants; ...3.0063

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY GRANULAR ACTIVATED CARBON ...Chemical Oxygen Demand; Organics; Process Design; Tertiary Treatment; Waste Treatment Economics; Waste Water Treatment -general; ...3.0075

COMPUTER SIMULATION AND DESIGN OF TREATMENT INSTALLATIONS FOR DOMESTIC ...Mathematical Models; Process Design; Simulation Theory; Waste Treatment Economics; Water Quality Control -general; ...3.0088

AERATED SEWAGE LAGOON INVESTIGATION - BOISSEVAIN ...Aeration (water); Canada; Economic Efficiency; Sewage Lagoons; Waste Water Treatment -general; ...3.0089

EVALUATION OF THE APPLICABILITY OF AERATED LAGOONS FOR SEWAGE TREATMENT ON THE CANADIAN PRAIRIES ...Activated; Aeration (water); Canada; Economic Efficiency; Lagoon; Sewage Lagoons; Waste Treatment Economics; ...3.0090

BIO-MASS DETERMINATION - A NEW TECHNIQUE FOR THE CONTROL OF AERATION SEWAGE TREATMENT PROCESS ...Adenosine Triphosphate; Aeration (water); Bacteria; Bacteria - nonspecific; Biological Treatment-general; ...3.0103

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Eutrophication; Florida; Lagoons; Pipe; Sanitary Sewage Quantity; Sub - Tropic Regions; Water Pollution Abatement; ...3.0109

REACTION OF IRON AND ALUMINUM SALTS WITH PHOSPHATE ...Waste Water Treatment -general; ...3.0110

EVALUATION OF TREATMENT PLANTS BY TRACER METHODS ...Activation Analysis; Isotope Tracer -see Tracers; Process Design; Waste Management -see Specific; ...3.0114

BIOPOLYMERS AND POLYMER-PRODUCING MICROORGANISMS IN ACTIVATED SLUDGE ...Activated Sludge; Food Processing Wastes; Microorganisms -nonspecific; Soil Bacteria; Waste Treatment Economics; Water Pollution Sources; ...3.0127

USE OF ALGAE, ALGAE-PROTOZOA, AND ALGAE-BACTERIA CULTURES IN SEWAGE TREATMENT ...Algae - Chlorophyta; Algae - Cyanophyta; Cellular Physiology- Env. Eff.; Foreign Agriculture; Oxygen Content (water); Product Development Research; Waste Water Treatment -general; ...3.0136

EFFECTS OF HEAVY METALS ON ALGAL GROWTH AND ORGANIC REMOVAL EFFICIENCY IN STABILIZATION PONDS ...Industrial Wastes; Organic Waste -see Waste Treat; Oxygention; Pond; Waste Management -see Specific; ...3.0170

ELECTRICAL STIMULATION OF MICROBIAL WASTE TREATMENT ...Electric Field; Microorganisms -nonspecific; Permeability; Waste Water Treatment -general; ...3.0180

FEASIBILITY OF REGIONAL UTILITIES FOR MANAGEMENT OF INDUSTRIAL AND MUNICIPAL WASTES ...Finance -see Economics Entries; Industrial Wastes; Public Utilities; Urban Research -general; Waste Treatment; Water Standards & Baselines; ...3.0190

UTILITIES IN PERMAFROST FOR MILITARY INSTALLATIONS ...Building Construction; Building Design; Electric Power Plants; Military Buildings; Permafrost - Frozen Soils; Waste Disposal-see Solid Waste; ...3.0214

WEST COXSACKIE PROJECT - HIGH-PERFORMANCE BIO-TREATMENT OF MUNICIPAL SEWAGE ...Activated Sludge; Aerobic Waste Water Treatment; Chlorination; New York; Oxidation; Precipitation; Process Design; ...3.0225

PIPE TRANSPORT OF SOLID WASTE ...Biological Treatment-general; Costs -see Economics Entries; Pipelines; Pipes; Transportation; Urban Research -general; ...3.0291

SOLUBLE PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Alum Waste Water Treatment; Phosphorus and Phosphorus Cpds; Sewage; Sewage Bacteria; ...3.0300

APPLICATION OF HYPERFILTRATION WITH DYNAMICALLY-FORMED MEMBRANES TO TREATMENT OF MUNICIPAL SEWAGE EFFLUENTS ...Activated Sludge; Effluent-standards; Electrochemistry; Membranes; Porosity; Sewage; Tertiary Treatment; ...3.0319

BIOLOGICAL TREATMENT OF SPENT VEGETABLE TANNINS ...Color (water); Industrial Wastes; Oxidation; Rate of Reaction; Tannery Wastes; Waste Water Treatment -general; ...3.0343

LABORATORY SCALE FEASIBILITY STUDY OF USING REVERSE OSMOSIS TO CONCENTRATE PRE-TREATED DOMESTIC SEWAGE ...Activated Sludge; Bench Scale; Disinfection; Potable Water; Potable Water -see Potable; Reverse Osmosis; Waste Treatment Economics; ...3.0355

Sewage Lagoons

GEOLOGICAL FACTORS RELATING TO SURFACE AND GROUNDWATER POLLUTION ...Geology -general; Groundwater; Missouri; Water Quality -general; ...2.0224

POLLUTION POTENTIAL OF RUNOFF FROM LIVESTOCK FEEDING OPERATIONS ...Agricultural Runoff; Biochemical Oxygen Demand; Chemical Oxygen Demand; Coliforms -nonspecific; Livestock -nonspecific; Precipitation; South Dakota; ...2.0361

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Activated Sludge; Environmental Hazards; Groundwater; Landfill; Precipitation; Sanitary Sewage Quantity; Trickling Filters; ...2.0442

BIOLOGICAL PROPERTIES OF SEWAGE LAGOONS AT TUSKEGEE, ALABAMA ...Alabama; Cellular Biosynthesis; Contamination - Water; Microorganisms -nonspecific; Water Pollutant Identification; Water Pollution Effects; ...2.0468

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Water Pollutant Identification; Water Supply -general; ...2.0670

AERATION OF LAGOONS IN RIGOROUS CLIMATE AREAS ...Aeration (water); Pilot Plants; Urban Environment; Water Pollution Effects; ...2.0869

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Effluents - Waste Water; Feces; Lagoon; Soil Chemical Properties; Soil Filters; Soil Structure -other; Waste Disposal on Soils; ...2.1017

OPTIMUM DESIGN OF WASTE STABILIZATION PONDS ...Dispersion (water); Dyes; Inlets; Model Studies; Outlets; Pond; Utah; ...2.1114

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge

(water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1188

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Algae -nonspecific; Boating; Fish; Fishing; Mollusca; Recreation, Water Resources; Waste Water Treatment -general; ...2.1159

ENTERIC VIRUS REMOVAL FROM SEWAGE STABILIZATION PONDS ...Model Studies; Pilot Plants; Pond; Sewage Treatment Plant; Viral Pollutant Sources; Waste Water Treatment -general; ...2.1167

ANTELOPE VALLEY WASTE WATER RECLAMATION FACILITY ...Effluent-standards; Filters-filtration; Flocculation; Impaired Water Use; Pond; ...2.1179

ECOLOGICAL AND PHYSIOLOGICAL IMPLICATIONS OF GREENBELT IRRIGATION ...California; Fire Prevention; Groundwater; Irrigation; Plant Ecology -nonspecific; Sewage; Waste Disposal on Soils; ...2.1189

TREATMENT OF PEAK WET WEATHER WASTEWATER FLOWS, AND RATE CONTROL OF ALL WASTEWATER DISCHARGES TO INTERCEPTOR SEWERS ...Aeration (water); Infiltration; Overflow -see Fluid Mechanics; Sewer Systems; Storm Sewer Quantity; Waste Water Treatment -general; ...2.1190

PRACTICALITY OF CHLORINATING ALGAE-LADEN EFFLUENTS FROM STABILIZATION PONDS ...Algae -nonspecific; Chlorination; Disinfection; Organics; Water Pollutant Identification; ...2.1198

STABILIZATION POND OPERATION IN TROPICAL AREAS ...Algae -nonspecific; Nitrogen and Nitrogen Cpds.; Waste Management -see Specific; Water Depth, Water Levels; ...2.1216

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth, Water Levels; ...2.1272

CATTLE FEEDLOT WASTE WATER TREATMENT ...Aerobic Waste Water Treatment; Agricultural Runoff; Anaerobic Wastewater Treatment; Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Lagoon; ...2.1274

THE RATE OF NITROGEN AND PHOSPHORUS STRIPPING FROM SEWAGE LAGOONS BY AQUATIC ANGIOSPERMS ...Absorption (incl. Adsorption); Ceratophyllaceae; Haloragaceae; Nitrogen and Nitrogen Cpds.; Nymphaeaceae; Phosphorus and Phosphorus Cpds; Ranunculaceae; Waste Water Treatment -general; ...2.1304

DEMONSTRATION OF THE CHANNEL AERATION PROCESS IN TREATMENT OF SEWAGE ...Aeration (water); Aquatic Plants -nonspecific; Effluents - Waste Water; Nutrients; Sewage; Viral Pollutant Sources; ...2.1310

FORAGE CROP IRRIGATION WITH OXIDATION POND EFFLUENT ...Agricultural Runoff; Coliforms -nonspecific; Furrow Irrigation; Mississippi; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sorghum; Storm Water; Water Table; ...2.1316

BRINE DISPOSAL DESIGN METHODOLOGY FOR ADVANCED WASTE TREATMENT ...Brines; Evaporation; Ponds; Waste Disposal-see Solid Waste; Waste Water Treatment -general; ...2.1341

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Industrial Wastes; Organic Matter; Seepage (water); Waste Management -see Specific; Water Pollutants - Path of; Water Quality - general; ...2.1360

CONTROL OF GEOTRICHUM CANDIDUM IN BIOLOGICAL WASTE TREATMENT ...Carbon; Coagulation; Fungal Pollutant Sources; Geotrichum; Waste Water Treatment -general; Zinc; ...2.1410

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Tillage, Cropping Systems; Waste Water Treatment - general; Water Pollution Effects; ...2.1665

EFFECTS OF SUGAR REFINING LOGOON EFFLUENTS ON FARGO CLAY ...Biochemical Oxygen Demand; Chemical Effects; Effluents - Waste Water; Infiltration; Tillage, Cropping Systems; ...2.1666

THE ROLE OF SOIL IN FARM WASTE MANAGEMENT ...Agricultural Runoff; Farm Pond; Sediments; Soil Chemical Properties; Soil Organic Content; ...3.0001

SWINE WASTE TREATMENT AND DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Effluents - Waste Water; Irrigation; Waste Disposal on Soils; ...3.0058

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Alkalinity (water); Bacterial Studies -general; Coliforms - nonspecific; Farm Animal Wastes; Farm Pond; Mineralogical Water Properties; Streptococcus Fecalis; ...3.0059

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange; Maps -general; Ovis; Radiation -terrestrial; Solar Radiation -sunshine; Sus; Wind -see Air Motion; ...3.0069

AERATED LAGOONS & ANAEROBIC REACTORS - A FIELD & LAB STUDY OF THEIR EFFICIENCIES & DESIGN PRINCIPLES IN SEWAGE TREATMENT ...Aeration (water); Anaerobic Wastewater Treatment; Farm Animal Wastes; Process Design; ...3.0083

AERATED SEWAGE LAGOON INVESTIGATION - BOISSEVAIN ...Aeration (water); Canada; Economic Efficiency; Sewage - Domestic; Waste Water Treatment -general; ...3.0089

EVALUATION OF THE APPLICABILITY OF AERATED LAGOONS FOR SEWAGE TREATMENT ON THE CANADIAN PRAIRIES ...Activated; Aeration (water); Canada; Economic Efficiency; Lagoon; Sewage - Domestic; Waste Treatment Economics; ...3.0090

DESIGN AND OPERATION CRITERIA FOR AN ANAEROBIC LAGOON FOR SWINE WASTE ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Lagoon; Piedmont Province; Water Reuse; ...3.0113

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Biochemical Oxygen Demand; Environment Resistance-animals; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Space Requirements; Taste & Odor of Water; ...3.0132

LIFE CYCLE DAIRY HOUSING, MANAGEMENT AND BEHAVIOR ...Animal Wastes - Feed Lots; Behavior -vertebrate; Bos; Computer Methods -general; Dairy Industry; Farm Animal Wastes; Iodides; ...3.0138

CONTROL OF FLIES AND OTHER INSECTS ASSOCIATED WITH SWINE PRODUCTION WITHOUT INSECTICIDE ...Biological Control; Farm Animal Wastes; Sus; ...3.0140

LIVESTOCK WASTE TREATMENT AND DISPOSAL ...Aeration (water); Anaerobic Wastewater Treatment; Antibiotics -nonspecific; Feces; Noise -see Noise; Waste Disposal on Soils; ...3.0141

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Bos; Irrigation; Rainfall - Runoff Relationship; Soil Fertility; Water Wells; ...3.0148

DEMONSTRATION AND DEVELOPMENT OF FACILITIES FOR THE TREATMENT AND ULTIMATE DISPOSAL OF CATTLE FEEDLOT WASTES ...Agricultural Runoff; Animal Wastes - Feed Lots; Rainfall - Runoff Relationship; Sprinkler Irrigation; Waste Disposal on Soils; ...3.0149

LAGOONS FOR DISPOSAL OF BARN YARD WASTES ...Aeration (water); Bos; Effluents - Waste Water; Farm Animal Wastes; Lagoon; Microorganisms -nonspecific; Taste & Odor of Water; ...3.0152

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Digestion; Electroosmosis; Farm Animal Wastes; Waste Drying; ...3.0181

WASTE MANAGEMENT, CONTROL, AND DISPOSAL IN MIDWEST BEEF FEEDLOTS ...Animal Wastes - Feed Lots; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rainfall - Runoff Relationship; Storm Water; Waste Water Treatment -general; ...3.0212

HANDLING AND DISPOSAL OF POULTRY WASTES ...Aeration; Animal Wastes - Feed Lots; Farm Animal Wastes; Northeast U. S.; Waste Disposal on Soils; ...3.0234

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Athiorhodaceae; Bacterial Pollutant Sources; Farm Animal Wastes; Thiorhodaceae; ...3.0256

CATTLE FEEDLOT PEN DESIGN ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sludge; Water Quality Control -general; ...3.0273

MACRO-FAUNA IN WASTE STABILIZATION LAGOONS ...Animal Habitat Studies; Aquatic Ecology - Animal; Organic Matter; Waste Water Degradation; ...3.0283

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota;

Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants f Path of; ...3.0312

ANALYSIS OF COMPLETE LIVESTOCK PRODUCTION SYSTEMS ...Bos; Farm Animal Wastes; Farm Structures & Design; Poultry -nonspecific; Sus; ...3.0313

FARM WASTE DISPOSAL ...Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Farm Animal Wastes; Irrigation; Model Studies; Physical Models; Tennessee; ...3.0316

LAGOONS FOR DAIRY FARMS ...Animal Wastes - Feed Lots; Bacterial Studies -general; Cellular Catabolism-see Degrad; Farm Animal Wastes; Lagoon; Temperature - Air; Waste Water Treatment -general; Water Reuse; ...3.0338

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Agricultural Runoff; Animal Wastes - Feed Lots; Farm Animal Wastes; Poultry -nonspecific; Staphylococcus Epidermidis; ...3.0348

WINTER STORAGE OF DAIRY WASTES IN NORTHERN CLIMATES ...Anaerobic Wastewater Treatment; Bos; Cold Climates; Farm Animal Wastes; Feces; Noise -see Noise; ...3.0352

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS ...Algae -nonspecific; Chlorination; Effluents - Waste Water; Pseudomonas; Sewage; Water Pollution -see Specifics; Zooplankton; ...3.0356

Sewage Testing

TREATMENT OF WATERCRAFT WASTES FROM SMALL VESSELS TO SHORE TREATMENT FACILITIES ...Boat Discharges; Marinas; Pumping Stations; Sewage; Sewage Treatment Plant; Tanks; Waste Management -see Specific; ...2.1223

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Geochemical Analysis (water); Idaho; Quaternary Period; Structural Analysis - Geology; Tertiary Period; Water Cycle; Water Pollution Sources; Water Storage; ...2.1240

USE OF GRANULAR ACTIVATED CARBON IN TREATMENT OF WASTE WATER ...California; Nitrogen and Nitrogen Cpds.; Photometry; Thermal Regeneration; Waste Water Treatment - general; ...2.1368

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Groundwater; Infiltration; Pesticide Residues Removal; Pesticides -see Pesticide; Sewage; Soil Organic Content; Waste Water Treatment -general; ...2.1540

EFFECT OF ENVIRONMENTAL FACTORS ON DESIGN AND OPERATION OF OPEN-AIR SLUDGE DRYING BEDS ...Dewatering; Disposal; Physical Effects; Process Design; Sand Filters; ...2.1627

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Industrial Wastes; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

FOOD PROCESSING WASTES ...Disposal; Food Processing Wastes; Plant Waste Removal, Treatment; Recoverable Materials; Waste Material Recovery; Waste Water Treatment -general; ...3.0035

KINETICS OF SEWAGE DEGRADATION IN SEA WATER ...Degradation -see Pesticide Deg; Marine Pollution; Sewage; ...3.0171

Sewer Interceptor Station

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties - general; Water Standards & Baselines; ...2.0701

MATHEMATICAL MODEL OF STORM AND SANITARY INTERCEPTOR SYSTEM ...Flow Regulations; Mathematical Models; Mississippi River; Rainfall - Runoff Relationship; Storm Sewer Quantity; Storm Water; ...2.1048

TREATMENT OF PEAK WET WEATHER WASTEWATER FLOWS, AND RATE CONTROL OF ALL WASTEWATER DISCHARGES TO INTERCEPTOR SEWERS ...Aeration (water); Infiltration; Overflow -see Fluid Mechanics; Sewage Lagoons; Sewer Systems; Storm Sewer Quantity; Waste Water Treatment -general; ...2.1190

PERFORMANCE OF REGIONALLY RELATED TREATMENT PLANTS ...Effluent-standards; Mathematical Models; Process Design; Sewer Systems; Stochastic Processes; ...2.1821

A PRESSURE SEWER SYSTEM DEMONSTRATION ...New York; Public Utilities; Pumps; Sanitary Sewage Quantity; Sewer Systems; Storm Sewer Quantity; ...3.0226

PILOT PLANT FOR UNDERWATER STORAGE OF COMBINED SEWER OVERFLOW ...Pumps; Runoff (water); Sewer Systems; Water Purification; ...3.0333

Sewer Maintenance

INDIVIDUAL WASTE DISPOSAL SYSTEMS ...Aeration (water); Effluent-standards; Pipe; Waste Disposal-see Solid Waste; ...2.1205

THE DETERMINATION OF GROUND WATER INFILTRATION & THE EFFECTS OF INTERNAL CHEMICAL SEALING OF SANITARY SEWERS ...Building Design; Groundwater; Infiltration; Pipe; Residential Buildings; Sanitary Sewage Quantity; Water Table; ...2.1671

SEWER SYSTEM DESIGN, CONSTRUCTION AND MAINTENANCE PRACTICES AND EVALUATION ...Benefit-cost Analysis; Canada; Sewer Systems; Systems Analysis - Water Mgmt; Urban Environment; Urban Research -general; ...3.0081

Sewer Systems

STUDY OF CAUSES AND CONTROL OF GROUND WATER INFILTRATION INTO SEWERS ...Canada; Infiltration; Overflow - see Fluid Mechanics; Survey Studies (water); ...2.0123

HIGHWAY DRAINAGE STUDY ...Drainage; Drainage Systems; Groundwater; Maryland; Transportation Design; ...2.0172

SELECTED URBAN STORM WATER RUNOFF ABSTRACTS ...Catalogs, Tables, Compilations; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0344

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Water Quality -general; ...2.0385

A METHOD FOR ASSESSING THE EXTENT OF POLLUTION FROM STORMWATER RUNOFF FROM AN URBAN AREA ...Benefit-cost Analysis; Storm Sewer Quantity; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0499

A SYSTEM FOR GEOLOGIC EVALUATION OF POLLUTION POTENTIAL AT MOUNTAIN DWELLING SITES ...Data Reduction and Analysis; Groundwater; Percolation (water); Sewage; Water Pollutant Identification; ...2.0521

URBAN RUNOFF CHARACTERISTICS ...Mathematical Models; Ohio; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0720

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Soil Tillage; Texas; Urban Research -general; ...2.0811

SELF-ADJUSTING AND SELF-CLEANING FILTER FEASIBILITY STUDY ...Chlorination; Filters-filtration; Materials, Composite; Pollutant Removal; Pressure Effects; Storm Sewer Quantity; ...2.0883

REUSE OF PLANT EFFLUENT AND COOLING WATER BLOWDOWN AS PROCESS WATER ...Activated; Biochemical Oxygen Demand; Chemical Oxygen Demand; Digestion; Pond; Water Reuse; ...2.0924

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

MATHEMATICAL MODEL OF STORM AND SANITARY INTERCEPTOR SYSTEM ...Flow Regulations; Mathematical Models; Mississippi River; Rainfall - Runoff Relationship; Sewer Interceptor Station; Storm Sewer Quantity; Storm Water; ...2.1048

TRANSPORT OF SOLID SUSPENSION IN CONDUITS ...Design Criteria; Fluid Mechanics; Pipe; Pipes; Solid Waste; ...2.1087

ROLE OF SOLIDS IN COMBINED SEWAGE POLLUTION ...Sewage; Turbidity; ...2.1174

EXTENDED AERATION WASTEWATER TREATMENT SYSTEM FOR NAVAL ADVANCED BASES ...Waste Water Treatment -general; ...2.1187

TREATMENT OF PEAK WET WEATHER WASTEWATER FLOWS, AND RATE CONTROL OF ALL WASTEWATER DISCHARGES TO INTERCEPTOR SEWERS ...Aeration (water); Infiltration; Overflow -see Fluid Mechanics; Sewage Lagoons; Storm Sewer Quantity; Waste Water Treatment - general; ...2.1190

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations; Drainage; Sewage; Storm Water; Urban Planning; Urban Research -general; Water Quality Control -general; Water Supply -general; ...2.1234

WASTE TREATMENT AND ANALYSIS FOR THE CITY OF MACON, GEORGIA ...Activated Sludge; Disposal; Industrial Wastes; Pilot Plants; Pulp and Paper Wastes; Urban Environment; ...2.1234

STUDY OF METHODS FOR REDUCING WATER POLLUTION FROM STORM SEWER AND COMBINATION DISCHARGES THROUGH DEFINED PUBLIC WORKS PRACTICES ...Air Pollution; Overflow -see Fluid Mechanics; Pesticides -see Pesticide; Snow and Ice Removal; Urban Environment; Urban Research - general; Water Quality Control -general; ...2.1242

EAST CHICAGO TREATMENT LAGOON ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Chlorination; Effluent-standards; Waste Water Treatment -general; ...2.1265

WINERY WASTEWATER - CHARACTERIZATION AND TREATMENT ...Acidity (water); Activated Sludge; Anaerobic Bacteria; Contamination - Water; Food Processing Industries; Waste Treatment; ...2.1348

COORDINATED MANAGEMENT AND DESIGN OF METROPOLITAN AREA WATER SUPPLY AND WASTE WATER DISPOSAL NETWORKS - A LINKED SYSTEMS ANALYSIS ...Management (water); Model Studies; Optimization, Economic; Systems Analysis - Water Mgmt; Urban Research - general; Water Distribution Systems; ...2.1349

TOCKS ISLAND REGION ENVIRONMENTAL STUDY (TIRES) ...Delaware River; Federal Government -see Gov.; Government - see Federal Gov., Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1400

USE OF POLYMERS TO REDUCE OR ELIMINATE SEWER OVERFLOW IN THE BACHMAN CREEK SEWER ...Electrochemistry; Infiltration; Pipe; Storm Sewer Quantity; Storm Water; ...2.1428

DEMONSTRATION PROJECT OF BIOLOGICAL ADSORPTION OF POLLUTANTS FROM COMBINED STORM WATER RUNOFF AND SANITARY SEWAGE ...Activated Sludge; Digestion; Disinfection; Rain; ...2.1456

EFFICIENT PRICING FOR URBAN WASTE WATER RENOVATION - PHASE I ...Activated Sludge; Computer Models; Plating Wastes; Simulation Theory; Urban Research -general; ...2.1807

URBAN INFRASTRUCTURE INVESTMENT IN DEVELOPING COUNTRIES ...Chile; Housing; Public Utilities; Residential Buildings; Urban Environment; Water Supply Facilities; ...2.1811

NETWORK EVALUATION OF WASTEWATER COLLECTION ECONOMICS ...Benefit-cost Analysis; Cost-benefit Analysis; Demography; Public Utilities; Pumps; Social Aspects; Urban Research -general; ...2.1820

PERFORMANCE OF REGIONALLY RELATED TREATMENT PLANTS ...Effluent-standards; Mathematical Models; Process Design; Stochastic Processes; ...2.1821

BALANCED STORM DRAINAGE ...Drainage; Inlets; Rainfall - Runoff Relationship; Storm Sewer Quantity; Storm Water; ...2.1833

STUDY OF INSTITUTIONAL ARRANGEMENTS FOR MANAGEMENT OF REGIONAL SEWERAGE PLANS FOR THE TOCKS ISLAND REGION OF THE DELAWARE ...Delaware River; Interstate; Management (water); River Basins; State Government; Water Resources Planning; ...2.1884

CRITERIA FOR DETERMINING ECONOMIC PRIORITIES IN AWARDING SEWAGE FACILITY CONSTRUCTION GRANTS ...Economic Efficiency: Factor Analysis; Pennsylvania; Waste Treatment Economics; Welfare Economics; ...2.1900

URBAN WATER POLICY AS AN INPUT IN URBAN GROWTH POLICY ...Government -see Federal Gov.; Land Use; Survey Studies (water); Urban Planning; Water Resources Planning; ...2.1916

APPLICABILITY OF ARDOX CATALYSTS TO THE OXIDATION OF MUNICIPAL SEWAGE EFFLUENTS AND OF WASTES PRODUCED DURING MANNED SPACE FLIGHT ...Catalysis; Catalytic; Effluent-standards; Sewage - Domestic; Solid Waste Management; Waste Disposal-see Solid Waste; ...3.0052

BOD FOR HOUSEHOLD SEWAGE ...Biochemical Oxygen Demand; Septic Tanks; ...3.0054

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...California; Data Reduction and Analysis; Fluid Mechanics; Ocean; Ocean Waves -see Waves; Pacific Ocean; Salinity; Thermal Properties; ...3.0068

OPTIMIZATION OF SEWER SYSTEMS ...Canada; Location; Optimization, Economic; Outlets; Sanitary Sewage Quantity; Storm Sewer Quantity; Urban Environment; ...3.0080

SEWER SYSTEM DESIGN, CONSTRUCTION AND MAINTENANCE PRACTICES AND EVALUATION ...Benefit-cost Analysis; Canada; Sewer Maintenance; Systems Analysis - Water Mgmt; Urban Environment; Urban Research -general; ...3.0081

COMPUTER SIMULATION AND DESIGN OF TREATMENT INSTALLATIONS FOR DOMESTIC ...Mathematical Models; Process Design; Sewage - Domestic; Simulation Theory; Waste Treatment Economics; Water Quality Control -general; ...3.0088

DISPOSAL OF LIQUID INDUSTRIAL WASTE ...Burning; Connecticut, Dewatering; Metal Processing Wastes; Oil Removal; Petroleum Wastes - Spillage; ...3.0094

MASS TRANSFER AND CHEMICAL REACTION IN TWO-PHASE FLOW ...Aeration (water); Fluid Mechanics; Model Studies; Pipe; Waste Water Treatment -general; ...3.0100

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Eutrophication; Florida; Lagoons; Pipe; Sanitary Sewage Quantity; Sewage - Domestic; Sub - Tropic Regions; Water Pollution Abatement; ...3.0109

DIGESTION OF SLUDGES WITH SODIUM CHLORIDE AND SULFATE ...Digestion; Disposal; Industrial Wastes; Waste Management -see Specific; ...3.0115

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Biochemical Oxygen Demand; Environment Resistance-animals; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage Lagoons; Space Requirements; Taste & Odor of Water; ...3.0132

BEDDING AND INFILTRATION STUDIES OF SANITARY SEWERS IN THE GULF COAST AREA ...Louisiana; Sanitary Sewage Quantity; ...3.0154

A PRESSURE SEWER SYSTEM DEMONSTRATION ...New York; Public Utilities; Pumps; Sanitary Sewage Quantity; Sewer Interceptor Station; Storm Sewer Quantity; ...3.0226

DESIGN OF WASTE TREATMENT FACILITIES BY COMPUTER ...Computer Languages; Economic Theory; Mathematical Analysis; Process Design; Sanitary Sewage Quantity; Sewage Treatment Plant; ...3.0231

SEPARATION OF SANITARY SEWAGE FROM COMBINED SYSTEMS OF SEWERAGE ...Pipe; Residential Buildings; Storm Water; Waste Treatment Economics; ...3.0244

CHEMICAL AND ENGINEERING ASPECTS OF POTATO PROCESSING WASTES TREATMENT ...Electrochemistry; Flotation; Food Processing Industries; Food Processing Wastes; Waste Material Recovery; ...3.0287

HYDROGRAPH METHOD OF SEWER DESIGN ...Drainage; Hydrographs; Research - Development; Storm Sewer Quantity; ...3.0325

PILOT PLANT FOR UNDERWATER STORAGE OF COMBINED SEWER OVERFLOW ...Pumps; Runoff (water); Sewer Interceptor Station; Water Purification; ...3.0333

Effluent-standards

THE SIGNIFICANCE AND CONTROL OF WASTEWATER FLOATABLES IN COASTAL WATERS ...Bacterial Pollutant Sources; Chromatography; Coliforms -nonspecific; Effluents - Waste Water; Infrared Spectroscopy; Marine Pollution; Waste Management -see Specific; ...2.0488

ANALYTIC AND PROCESS CLASSIFICATION OF EFFLUENTS (ORGANIC NITROGEN IN ACTIVATED CARBON EFFLUENTS) ...Electrodialysis; Electrophoresis; Nitrogen and Nitrogen Cpds.; Organics; Total Organic Carbon; Waste Water Treatment -general; ...2.0528

ORGANIC NUTRIENT FACTORS AFFECTING ALGAL GROWTH ...Algae - Chlorophyta; Algae - Cyanophyta; Algae - nonspecific; Carbon; Nutrients; Secondary Treatment; ...2.0704

DISINFECTION OF RENOVATED WASTEWATER ...Chlorination; Disinfection; General Recreation Studies; Ozonization; Sewage - Domestic; Water Reuse; ...2.0931

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Biological Water Properties; Contamination - Water; Effluents - Waste Water; Management (water); Physical Water Properties; Reservoirs and Impoundments; Water Pollutants - Path of; Water Quality Control - general; ...2.1008

REMOVAL OF NUTRIENTS FROM ENRICHED FLOWS & WASTE EFFLUENTS BY THE HYDROPONIC CULTURE OF SUITABLE FORAGE PLANTS & GRASSES ...Benefit-cost Analysis; Economic Feasibility; Effluents - Waste Water; Nutrients; Waste Treatment Economics; Waste Water Treatment -general; ...3.1081

DEMINERALIZATION OF WASTEWATER BY THE TRANSPORT-DEPLETION PROCESS ...Demineralization; Electrodialysis; Process Design; Waste Management -see Specific; Waste Water Treatment -general; ...3.1144

ANTELOPE VALLEY WASTE WATER RECLAMATION FACILITY ...Filters-filtration; Flocculation; Impaired Water Use; Pond; Sewage Lagoons; ...3.1179

NITRIFICATION AT LOW TEMPERATURE ...Aeration (water); Biological Treatment-general; Oxygen; Sewage - Domestic; ...3.1184

CONCENTRATION OF SUGAR BEET WASTES FOR ECONOMIC TREATMENT WITH BIOLOGICAL SYSTEMS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Precipitation; Waste Treatment Economics; ...3.1199

INDIVIDUAL WASTE DISPOSAL SYSTEMS ...Aeration (water); Pipe; Sewer Maintenance; Waste Disposal-see Solid Waste; ...3.1308

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Forest Management; Idaho; Irrigation; Sediment Thickness; Water Costs; Water Reuse; ...3.1341

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Bacterial Ecology; Cellular Physiology- Env. Eff.; Chlorine; Illinois; Sewage Bacteria; Water Bacteria; ...3.1359

EAST CHICAGO TREATMENT LAGOON ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Chlorination; Sewer Systems; Waste Water Treatment -general; ...3.1368

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...3.1331

DESIGN OF WASTEWATER TREATMENT SYSTEMS TO SATISFY EFFLUENT QUALITY REQUIREMENTS BASED ON INTENDED USE ...Impaired Water Use; Waste Treatment; Water Quality -general, Water Reuse; ...3.1344

ADVANCED WASTE TREATMENT FOR WATER RECLAMATION AND REUSE BY INJECTION ...Aquifers; Groundwater; Oprimization, Economic; Water Reuse; ...3.1347

PROCESS DEVELOPMENT FOR REMOVAL OF NUTRIENT MATERIALS FROM WASTEWATERS ...Activated Sludge; Additives; Anaerobic Wastewater Treatment; Denitrification -see Nitrogen; Pollutant Removal; Waste Water Treatment -general; ...3.1363

POWDERED CARBON TREATMENT OF WASTEWATER ...Activated Sludge; Electrochemistry; Fluidized Bed Reactor; Organics; Process Design; Thermal Regeneration; Turbidity; Waste Treatment Economics; ...3.1369

GEIGY CHEMICAL WASTE TREATMENT FACILITY ...Chemical Industry; Organic Waste -see Waste Treat; Trickling Filters; Waste Water Treatment -general; ...3.1413

STUDIES TO DEVELOP PROCESS DESIGNS FOR EFFLUENT QUALITY CONTROL ...Effluents - Waste Water; Process Design; Waste Water Treatment -general; Water Quality Control - general; ...3.1435

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Amaranthaceae; Eutrophication; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Physiography -general; Pontederiaceae; Sewage; ...3.1467

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Chlorine; Data Acquisition; Fish; Population Dynamics - general; Species Diversity Measurement; Water Properties - general; ...3.1577

PERFORMANCE OF REGIONALLY RELATED TREATMENT PLANTS ...Mathematical Models; Process Design; Sewer Systems; Stochastic Processes; ...3.1821

UNIT OPERATIONS STUDIES - WHITE PHOSPHORUS AND WASTE CONTROL ...Chemical Manufacturing Wastes; Detectors and Sensors; Leakage; Phosphorus and Phosphorus Cpds; ...3.0027

APPLICABILITY OF ARDOX CATALYSTS TO THE OXIDATION OF MUNICIPAL SEWAGE EFFLUENTS AND OF WASTES PRODUCED DURING MANNED SPACE FLIGHT ...Catalysts; Catalytic; Sewage - Domestic; Sewer Systems; Solid Waste Management; Waste Disposal-see Solid Waste; ...3.0052

DEVELOPMENT OF A MATHEMATICAL MODEL FOR SEPARATION, COAGULATION AND SEDIMENTATION PROCESS USING ADDITION OF CHEMICALS ...Alum Waste Water Treatment; Coagulation; Lime Treatment; Model Studies; Process Design; Sedimentation; Waste Treatment Economics; ...3.0126

CHLORINATION OF SEWAGE EFFLUENTS ...Bacteria; Chlorination; Chlorine; Rate of Reaction; ...3.0129

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Color; Disinfection; Farm Animal Wastes, Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment - general; ...3.0148

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Chlorination; Combustible Filters; Filters-filtration; Massachusetts; Pumps; Sewage Bacteria; Storm Sewer Quantity; Waste Treatment Economics; ...3.0169

RECOVERY OF MINERAL MATERIALS FROM SELECTED PROCESSING WASTES ...Metal Processing Wastes; Plating Wastes; Waste Material Recovery; Waste Treatment; ...3.0206

HIGH-RATE, MULTIPLE MEDIUM FILTRATION FOR SECONDARY TREATMENT OF MUNICIPAL WASTE WATER ...Biochemical Oxygen Demand; Chemical Analysis -general; Coagulation; Digestion; Filtration; Secondary Treatment; Waste Treatment Economics; ...3.0303

TREATMENT OF COTTON TEXTILE WASTE BY ENZYMES AND UNIQUE HIGH RATE TRICKLING FILTER SYSTEM ...Aerobic Waste Water Treatment; Catalysts; Textile Industry; Trickling Filters; Waste Treatment Economics; ...3.0315

APPLICATION OF HYPERFILTRATION WITH DYNAMICALLY-FORMED MEMBRANES TO TREATMENT OF MUNICIPAL SEWAGE EFFLUENTS ...Activated Sludge; Electrochemistry; Membranes; Porosity; Sewage; Tertiary Treatment; ...3.0319

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Analysis and Detection; Biochemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Septic Tanks; Silty Soils; Water Pollutant Identification; ...3.0356

A MATHEMATICAL MODEL FOR THE FINAL CLARIFIER OF AN ACTIVATED SLUDGE PROCESS ...Activated; Economic Theory; Effluents - Waste Water; Model Studies; Thickening; ...3.0354

STUDY OF WASTE DISPOSAL PROBLEMS ...Chemical Manufacturing Wastes; Disposal Wastes; Petroleum Research; Waste Treatment; ...3.0387

Flow Regulations

MATHEMATICAL MODEL OF STORM AND SANITARY INTERCEPTOR SYSTEM ...Mathematical Models; Mississippi River; Rainfall - Runoff Relationship; Sewer Interceptor Station; Storm Sewer Quantity; Storm Water; ...3.1048

Flushing Devices

WASTE TREATMENT FOR AN INDIVIDUAL HOME WITH REUSE OF THE WATER ...Aeration (water); Filters-filtration; Materials, Composite; Recycle Water; Small Sanitation Unit; ...3.0139

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Chlorination; Combustible Filters; Filters-filtration; Massachusetts; Pumps; Sewage Bacteria; Storm Sewer Quantity; Waste Treatment Economics; ...3.0169

Inlets

STUDY OF CAUSES AND CONTROL OF GROUND WATER INFILTRATION INTO SEWERS ...Canada; Infiltration; Overflow - see Fluid Mechanics; Sewer Systems; Survey Studies (water); ...3.0123

MATHEMATICAL MODEL OF STORM AND SANITARY INTERCEPTOR SYSTEM ...Flow Regulations; Mathematical Models; Mississippi River; Rainfall - Runoff Relationship; Sewer Interceptor Station; Storm Sewer Quantity; Storm Water; ...3.1048

OPTIMUM DESIGN OF WASTE STABILIZATION PONDS ...Dispersion (water); Dyes; Model Studies; Outlets; Pond; Sewage Lagoons; Utah; ...3.1114

ENVIRONMENTAL QUALITY STUDY PROJECT - THERMAL DISCHARGES AND EFFECTS STUDIES ...Electric Power Plants; Outlets; Thermal Pollution; Water Resources Planning; ...3.1723

BALANCED STORM DRAINAGE ...Drainage; Rainfall - Runoff Relationship; Sewer Systems; Storm Sewer Quantity; Storm Water; ...2.1833

Location

DEMONSTRATION OF THE LIMITATIONS AND FFFECTS OF WASTE DISPOSAL ON AN OCEAN SHELF ...Benthic Fauna; Ecological Effects; Marine Animals; Marine Environments; Marine Pollution; Sewage; ...2.1226

OPTIMIZATION OF SEWER SYSTEMS ...Canada; Optimization, Economic; Outlets; Sanitary Sewage Quantity; Sewer Systems; Storm Sewer Quantity; Urban Environment; ...3.0750

PHOSPHATE REMOVAL BY ACTIVATED SLUDGE PROCESS APPLICATION - PLANT SCALE DEMONSTRATION ...Activated Sludge; Kinetics; Mechanism Determination; Recycle Water; Waste Water Treatment -general; ...3.0369

Outlets

LEAD POLLUTANTS IN NEAR SHORE MARINE ENVIRONMENTS ...Biological Effects; Fish; Lead; Marine Biology - General; Sanitary Sewage Quantity; ...3.0049

THE ROLE OF MIXING IN MAINTAINING STRATIFIED FLOW ...Density; Effluents - Waste Water; Model Studies; Stratification (water); Water Quality Control -general; ...3.0206

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF MIXING ZONE FOR WASTE EFFLUENTS DISCHARGED INTO STREAMS OR RIVERS ...Coastlines - Shorelines; Effluents - Waste Water; Lakes; Streams & Rivers; ...3.0061

ANALYSIS OF THERMAL POLLUTION DISPERSION ...Aeration (water); Effluents - Waste Water; Model Studies; Stratification (water); Water Pollution Effects; ...3.1005

OPTIMUM DESIGN OF WASTE STABILIZATION PONDS ...Dispersion (water); Dyes; Inlets; Model Studies; Pond; Sewage Lagoons; Utah; ...3.1114

DEMONSTRATION OF THE LIMITATIONS AND EFFECTS OF WASTE DISPOSAL ON AN OCEAN SHELF ...Benthic Fauna; Ecological Effects; Marine Animals; Marine Environments; Marine Pollution; Sewage; ...2.1226

WASTE TREATMENT AND ANALYSIS FOR THE CITY OF MACON, GEORGIA ...Activated Sludge; Disposal; Industrial Wastes; Pilot Plants; Pulp and Paper Wastes; Urban Environment; ...2.1234

DEFINITION OF THE MIXING ZONE FOR WASTE EFFLUENT DISCHARGED INTO SURFACE WATERS ...Aerial Photography -see Photo.; Dispersion (water); Effluents - Waste Water; Energy Conversion; Model Studies; Physical Models; Water Pollutants - Path of; ...2.1460

ENVIRONMENTAL QUALITY STUDY PROJECT - THERMAL DISCHARGES AND EFFECTS STUDIES ...Electric Power Plants; Inlets; Thermal Pollution; Water Resources Planning; ...2.1723

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Biomassys; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

MANAGEMENT ASPECTS OF THERMAL POLLUTION CONTROL ...Biological Effects; Effluents - Waste Water; Electric Power Plants; Energy Conversion; Environmental Geology; Thermal Pollution; ...2.1869

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...California; Data Reduction and Analysis; Fluid Mechanics; Ocean; Ocean Waves -see Waves; Pacific Ocean; Salinity; Sewer Systems; Thermal Properties; ...3.0060

OPTIMIZATION OF SEWER SYSTEMS ...Canada; Location; Optimization, Economic; Sanitary Sewage Quantity; Sewer Systems; Storm Sewer Quantity; Urban Environment; ...3.0080

Pipe

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...3.0973

TRANSPORT OF SOLID SUSPENSION IN CONDUITS ...Design Criteria; Fluid Mechanics; Pipes; Sewer Systems; Solid Waste; ...2.1087

INDIVIDUAL WASTE DISPOSAL SYSTEMS ...Aeration (water); Effluent-standards; Sewer Maintenance; Waste Disposal-see Solid Waste; ...2.1305

PIPELINE TRANSPORT OF SLUDGE ...Landfill; Pilot Plants; Soil Amendments; Strip Mines; Waste Disposal on Soils; Waste Management -see Specific; West Virginia; ...2.1373

USE OF POLYMERS TO REDUCE OR ELIMINATE SEWER OVERFLOW IN THE BACHMAN CREEK SEWER ...Electrochemistry; Infiltration; Storm Sewer Quantity; Storm Water; ...2.1428

METHODS TO REDUCE WATER POLLUTION CAUSED BY STORM WATER SEWER LOADING BY USING FLUID FLOW FRICTION REDUCERS ...Chemical Mechanisms & Kinetics; Electrochemistry; Groundwater; Sewage - Domestic; ...2.1433

DEVELOPMENT AND DEMONSTRATION OF MATERIALS TO REDUCE OR ELIMINATE WATER INFILTRATION INTO SEWERAGE ...Costs -see Economics Entries; Groundwater Movement; Infiltration; Materials -properties; Sanitary Sewage Quantity; Waste Dilution- Self Purifying; ...2.1433

THE DETERMINATION OF GROUND WATER INFILTRATION & THE EFFECTS OF INTERNAL CHEMICAL SEALING OF SANITARY SEWERS ...Building Design; Groundwater; Infiltration; Residential Buildings; Sanitary Sewage Quantity; Sewer Maintenance; Water Table; ...2.1671

NETWORK EVALUATION OF WASTEWATER COLLECTION ECONOMICS ...Benefit-cost Analysis; Cost-benefit Analysis; Demography; Public Utilities; Pumps; Social Aspects; Urban Research -general; ...2.1820

PERFORMANCE OF REGIONALLY RELATED TREATMENT PLANTS ...Effluent-standards; Mathematical Models; Process Design; Sewer Systems; Stochastic Processes; ...2.1921

MASS TRANSFER AND CHEMICAL REACTION IN TWO-PHASE FLOW ...Aeration (water); Fluid Mechanics; Model Studies; Sewer Systems; Waste Water Treatment -general; ...3.0100

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Eutrophication; Florida; Lagoons; Sanitary Sewage Quantity; Sewage - Domestic; Sub - Tropic Regions; Water Pollution Abatement; ...3.0109

DEVELOPMENT OF A DEVICE FOR DISCHARGE MEASUREMENT WITHIN A SEWER PIPE ...Fluid Mechanics; Model Studies; Physical Models; Pipes; Urban Environment; Urban Research -general; ...3.0135

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Chlorination; Combustible Filters; Filters-filtration; Massachusetts; Pumps; Sewage Bacteria; Storm Sewer Quantity; Waste Treatment Economics; ...3.0169

SEPARATION OF SANITARY SEWAGE FROM COMBINED SYSTEMS OF SEWERAGE ...Residential Buildings; Sewer Systems; Storm Water; Waste Treatment Economics; ...3.0244

PIPELINE FLOW OF SOLIDS-LIQUID SUSPENSIONS ...Fluid Mechanics; Pipelines; Pipes; Sludge; Waste Treatment Economics; ...3.0247

PIPE TRANSPORT OF SOLID WASTE ...Biological Treatment-general; Costs -see Economics Entries; Pipelines; Pipes; Sewage - Domestic; Transportation; Urban Research -general; ...3.0291

Pumping Stations

TREATMENT OF WATERCRAFT WASTES FROM SMALL VESSELS TO SHORE TREATMENT FACILITIES ...Boat Discharges; Marinas; Sewage; Sewage Treatment Plant; Tanks; Waste Management -see Specific; ...2.1223

PIPE TRANSPORT OF SOLID WASTE ...Biological Treatment-general; Costs -see Economics Entries; Pipelines; Pipes; Sewage - Domestic; Transportation; Urban Research -general; ...3.0291

Pumps

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...3.0973

TREATMENT OF WATERCRAFT WASTES FROM SMALL VESSELS TO SHORE TREATMENT FACILITIES ...Boat Discharges; Marinas; Pumping Stations; Sewage; Sewage Treatment Plant; Tanks; Waste Management -see Specific; ...2.1223

NETWORK EVALUATION OF WASTEWATER COLLECTION ECONOMICS ...Benefit-cost Analysis; Cost-benefit Analysis; Demography; Public Utilities; Social Aspects; Urban Research - general; ...2.1820

TREATMENT PROCESSES - WASTES PUMPED FROM SEPTIC TANKS ...Septic Tanks; Sewage Bacteria; Sewage Treatment Plant; Waste Treatment; ...3.0096

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Chlorination; Combustible Filters; Filters-filtration; Massachusetts; Sewage Bacteria; Storm Sewer Quantity; Waste Treatment Economics; ...3.0169

A PRESSURE SEWER SYSTEM DEMONSTRATION ...New York; Public Utilities; Sanitary Sewage Quantity; Sewer Interceptor Station; Sewer Systems; Storm Sewer Quantity; ...3.0226

PILOT PLANT FOR UNDERWATER STORAGE OF COMBINED SEWER OVERFLOW ...Runoff (water); Sewer Interceptor Station; Sewer Systems; Water Purification; ...3.0333

Sanitary Sewage Quantity

LEAD POLLUTANTS IN NEAR SHORE MARINE ENVIRONMENTS ...Biological Effects; Fish; Lead; Marine Biology - General; Outlets; ...2.0049

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Activated Sludge; Environmental Hazards; Groundwater; Landfill; Precipitation, Sewage Lagoons; Trickling Filters; ...2.0442

DEVELOPMENT AND DEMONSTRATION OF MATERIALS TO REDUCE OR ELIMINATE WATER INFILTRATION INTO SEWERAGE ...Costs -see Economics Entries; Groundwater Movement; Infiltration; Materials -properties; Waste Dilution- Self Purifying; ...2.1433

THE DETERMINATION OF GROUND WATER INFILTRATION & THE EFFECTS OF INTERNAL CHEMICAL SEALING OF SANITARY SEWERS ...Building Design; Groundwater; Infiltration; Pipe; Residential Buildings; Sewer Maintenance; Water Table; ...2.1671

OPTIMIZATION OF SEWER SYSTEMS ...Canada; Location; Optimization, Economic; Outlets; Sewer Systems; Storm Sewer Quantity; Urban Environment; ...3.0080

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Eutrophication; Florida; Lagoons; Pipe; Sewage - Domestic; Sub - Tropic Regions; Water Pollution Abatement; ...3.0109

BEDDING AND INFILTRATION STUDIES OF SANITARY SEWERS IN THE GULF COAST AREA ...Louisiana; Sewer Systems; ...3.0154

A PRESSURE SEWER SYSTEM DEMONSTRATION ...New York; Public Utilities; Pumps; Sewer Interceptor Station; Sewer Systems; Storm Sewer Quantity; ...3.0226

DESIGN OF WASTE TREATMENT FACILITIES BY COMPUTER ...Computer Languages; Economic Theory; Mathematical Analysis; Process Design; Sewage Treatment Plant; Sewer Systems; ...3.0231

Storm Sewer Quantity

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Suspension; Urban Runoff; Water Reuse; Watersheds; ...2.0019

STUDY OF CAUSES AND CONTROL OF GROUND WATER INFILTRATION INTO SEWERS ...Canada; Infiltration; Overflow - see Fluid Mechanics; Sewer Systems; Survey Studies (water); ...3.0123

HYDRODYNAMICS AND DISCHARGE MEASUREMENTS OF STORM SEWERS ...Fluid Mechanics; Mathematical Models; Soil Tillage; Urban Environment; ...3.0249

SELECTED URBAN STORM WATER RUNOFF ABSTRACTS ...Catalogs, Tables, Compilations; Rainfall - Runoff Relationship; Urban Environment; Urban Runoff; ...3.0344

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages; Rainfall - Runoff Relationship; Urban Environment; Water Quality -general; ...3.0385

A METHOD FOR ASSESSING THE EXTENT OF POLLUTION FROM STORMWATER RUNOFF FROM AN URBAN AREA ...Benefit-cost Analysis; Sewer Systems; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...3.0490

A MULTI-PHASIC COMPONENT STUDY TO PREDICT STORM WATER POLLUTION FROM URBAN AREAS ...Benefit-cost Analysis; Forecasting - Prediction; Rainfall - Runoff Relationship; Storm Water; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...3.0831

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Economic Theory; Hydrographs; Mathematical Analysis; Prediction; Rural Areas; Urban Research - general; ...3.0619

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Drainage Systems; Flood Control Planning; Floods; Michigan; Rain; Urban Environment; Urban Runoff; ...3.0636

URBAN RUNOFF CHARACTERISTICS ...Mathematical Models; Ohio; Sewer Systems; Urban Environment; Urban Runoff; ...3.0720

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research - general; ...3.0811

SELF-ADJUSTING AND SELF-CLEANING FILTER FEASIBILITY STUDY ...Chlorination; Filters-filtration; Materials, Composite; Pollutant Removal; Pressure Effects; ...3.0882

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...3.1038

MATHEMATICAL MODEL OF STORM AND SANITARY INTERCEPTOR SYSTEM ...Flow Regulations; Mathematical Models; Mississippi River; Rainfall - Runoff Relationship; Sewer Interceptor Station; Storm Water; ...3.1048

TREATMENT OF PEAK WET WEATHER WASTEWATER FLOWS, AND RATE CONTROL OF ALL WASTEWATER DISCHARGES TO INTERCEPTOR SEWERS ...Aeration (water); Infiltration; Overflow -see Fluid Mechanics; Sewage Lagoons; Sewer Systems; Waste Water Treatment -general; ...3.1190

USE OF POLYMERS TO REDUCE OR ELIMINATE SEWER OVERFLOW IN THE BACHMAN CREEK SEWER ...Electrochemistry; Infiltration; Pipe; Storm Water; ...3.1428

WATER RESERVOIR SYSTEMS ...Atmosphere Disturbance; Flood-flow Design; Rainfall - Runoff Relationship; Urban Environment; Urban Runoff; Water Storage; ...3.1784

BALANCED STORM DRAINAGE ...Drainage; Inlets; Rainfall - Runoff Relationship; Sewer Systems; Storm Water; ...3.1833

MATHEMATICAL WATER QUALITY PLANNING MODELS ...Bays; Harbors; Massachusetts; Model Studies; Systems Analysis - Water Mgmt; Tides; Water Resources Planning; ...3.1850

OPTIMIZATION OF SEWER SYSTEMS ...Canada; Location; Optimization, Economic; Outlets; Sanitary Sewage Quantity; Sewer Systems; Urban Environment; ...3.0080

APPLICATION OF DYNAMIC AND LINEAR PROGRAMMING TO URBAN DEVELOPMENT ...Fiscal Analysis -general; Public Utilities; Taxes - State Or Local; Urban Roads; Water Supply Facilities; ...3.0082

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Chlorination; Combustible Filters; Filters-filtration; Massachusetts; Pumps; Sewage Bacteria; Waste Treatment Economics; ...3.0169

A PRESSURE SEWER SYSTEM DEMONSTRATION ...New York; Public Utilities; Pumps; Sanitary Sewage Quantity; Sewer Interceptor Station; Sewer Systems; ...3.0226

HYDROGRAPH METHOD OF SEWER DESIGN ...Drainage; Hydrographs; Research - Development; Sewer Systems; ...3.0333

Shelters

DUAL PURPOSE BLAST SHELTERS IN URBAN TRANSPORTATION SYSTEMS ...Freeways; Highway Sites -see Roads; Redevelopment of Land; Urban Research -general; ...5.0929

HASTY RURAL SHELTERS AND IMPROVISED LIFE-SUPPORT EQUIPMENT ...Building Construction; Building Design; Fission Products-see Radioact.; Pumps; Rural Areas; ...5.0934

Ship Wastes

POLLUTION OF A MAPINA AREA BY WATERCRAFT USE AS INDICATED BY COLIFORM AND CHEMICAL CONCENTRATIONS ...Bacterial Pollutant Sources; Bottom Sampling; Coliforms -nonspecific; Marinas; Water Pollutant Identification; ...2.0635

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING

...Boat Discharges; Chemical Analysis (water); Combustion; Environment; Loss Damages - Recreation; Recreation, Water Resources; Waste Management -see Specific; Water Chemistry; Water Pollutant Identification; ...2.0906

OILY WATER SEPARATOR ...Filtration; Fluid Mechanics; Oil Removal; Temperature; Waste Treatment; ...2.1207

TREATMENT OF WATERCRAFT WASTES FROM SMALL VESSELS TO SHORE TREATMENT FACILITIES ...Boat Discharges; Marinas; Pumping Stations; Sewage; Sewage Treatment Plant; Tanks; Waste Management -see Specific; ...2.1233

TREATMENT OF WATERCRAFT WASTES ...Boat Discharges; Chlorination; Coagulation; Disposal; Electrochemistry; Process Design; ...2.1395

NAVY ENVIRONMENT - BIODEGRADATION OF OIL SLICKS IN MARINE ENVIRONMENT ...Cellular Catabolism-see Degrad; Marine Biology - General; Offshore Oil; Oil; Petroleum -see Oil; Waste Water Degradation; ...3.0031

ACCELERATED BIODEGRADATION OF SANITARY WASTE SOLIDS ...Biodegradation-see Degradation; ...3.0160

Ships and Cruises

OIL SPILL CONTROL FACILITY ...Connecticut River; Petroleum Wastes - Spillage; Water Resources Planning; Water Resources Protection; ...2.0083

RADIOCARBON IN THE SEA ...Carbon; Marine Biology - General; Ocean Mixing; Polar Oceanic Areas; Radioactivity; Wind; ...2.0427

GEOSECS - OPERATIONS STAFF ...Data Reduction and Analysis; Man Machine Systems; Ocean Circulation -general; Particle - Gas Transfer; Sampling; Sea Water Properties; ...2.0503

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Gulf of Mexico; Marine Environments; Marine Pollution; Ocean Currents; Ocean Hydrodynamics; Sea Water Chemistry; Temperature; Water Movement -general; ...2.0509

STANDARD MONITORING SECTIONS A-6 AND A-7 CRUISE AND AIGIST 1970 NERVE GAS DUMP SITE SURVEY ...Atlantic Ocean; Depth; Environmental Hazards; Marine Pollution; Ocean Currents; Salinity; Temperature; ...2.0536

WESTERN BEAUFORT SEA ECOLOGICAL CRUISE (WEBSEC 9-70) ...Alaska; Bays; Ecological Effects; Marine Biology - General; Oil; Sea Water Chemistry; Water Standards & Baselines; ...2.0537

COMPLETION OF AN ECOLOGICAL SURVEY CRUISE IN THE SOUTHEASTERN CHUKCHI SEA ...Alaska; Aquatic Plants - nonspecific; Marine Biology - General; Oil and Natural Gas - Sulfur; Sea Water Properties; Water Standards & Baselines; ...2.0538

GEOSECS - PREPARATIONS R/V KNORR CONSTRUCTION GEOSECS BUILDING, PROVISION SHIPBOARD EQUIPMENT, AND THE GEOSECS SUMMER INSTITUTES ...Animal Productivity; Marine Biology - General; Marine Pollution; Ocean Mixing; Plant Productivity -general; Research Facilities; Sea Water Properties; ...2.0621

A STUDY OF THE DEEP CIRCULATION AND DEEP FISH POPULATIONS IN THE PACIFIC OCEAN ...Antarctica; Fish; Marine Animals; Marine Environments; Marine Photography-Television; Ocean Circulation -general; Ocean Currents; Pacific Ocean; Radioactivity; Vertical Distribution; ...2.0972

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

TREATMENT OF OIL WASTES ...Costs -see Economics Entries; Oil; Petroleum Research; Polymerization; ...2.1434

INVESTIGATION OF RECOVERY OF LARGE MARINE OIL SPILLS BY USE OF A VORTEX ASSISTED AIR LIFT ...Fluid Mechanics; Hydraulics; Ocean Waves -see Waves; Oil; Oil Removal; Petroleum Wastes - Spillage; Physical Models; ...2.1444

EFFECTS OF CRUDE OILS AND THEIR EMULSIONS ON MARINE ORGANISMS ...Animal Pharmacology; Contamination - Water; Fish; Oil; ...3.1699

SUPPORT OF RESEARCH VESSEL OPERATIONS ...Benthic Faunas; Contamination - Water; Marine Animals; Marine Biology - General; Marine Environments; Marine Geology; Marine Pollution; Oil; Pacific Ocean; Sea Water Mass & Ocean Fronts; ...2.1794

SUPPORT OF TWO RESEARCH VESSELS ...Biological Water Properties; Core Analysis; Great Lakes -see Specific Lake; Physical Water Properties, Research Facilities; Thermal Pollution; ...2.1851

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Generators; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

Shoreline Geomorphology

DELAWARE ESTUARY SEDIMENTATION STUDY ...Adsorption Capacity; Estuaries; Location; Rate of Deposition; Sand Bars; Sediment Yield; Streams; Supply Rate; ...2.0342

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Currents (water); Engineering Structures-general; Mapping; Structural Mechanics; Surveying; Utah; Waves -see Ocean Waves; ...2.1738

Shoreline Structures

RELATION OF PASS OPENINGS ON PHYSICAL EXCHANGE AND SALINITY IN ESTUARIES ...Estuaries; Saline Water Intrusion; Salinity (water); Texas; Water Resources Planning; ...2.1106

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Currents (water); Engineering Structures-general; Mapping; Shoreline Geomorphology; Structural Mechanics; Surveying; Utah; Waves -see Ocean Waves; ...2.1738

A NEW LOOK AT THE OCEAN RECREATION MARKET ...Coastlines - Shorelines; Environment; Erosion; Ocean Waves - see Waves; Recreation, Water Resources; Types of Resources; Water Resources Planning; ...2.1924

OIL POLLUTION OR STUDY--NSRDC ...Data Acquisition; Oil; ...3.0018

Silting (water) -see Sediment

DOMESTIC WASTE DISCHARGE INTO A SILT LADEN ESTUARY ...Alaska; Chemical Water Properties; Data Reduction and Analysis; Forecasting - Prediction; Sub - Polar Regions; Water Pollution Sources; ...2.0012

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds, Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

SILTATION RATES AND LIFE EXPECTANCIES OF SMALL HEADWATER RESERVOIRS IN MONTANA ...Chemical Water Properties; Geology -general; Morphology; Radioactive Fallout; Reservoirs and Impoundments; ...2.0235

A STUDY TO EVALUATE THE EFFECT OF SILT AND SILT REMOVAL IN A NORTHERN PRAIRIE LAKE ...Aquatic Soils; Eutrophication; Mineralogical Water Properties; Nutrients; Sediments; Water Pollution Sources; ...2.0364

EFFECT OF DREDGING ON THE NUTRIENT LEVELS AND BIOLOGICAL POPULATIONS OF A LAKE ...Acidity (water); Biological Water Properties; Lakes; Nutrients; Phytoplankton; Turbidity (water); ...2.0365

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Pliocene Epoch; Water Bacteria; Water Pollution Sources; ...2.0386

ACID MINE POLLUTION ...Acid Mine Drainage; Biological Water Properties; Catostomidae; Mining Industry; Physical Water Properties; Rehabilitation -streams -lakes; Sediments; Strip Mines; Water Pollution Abatement; ...2.0409

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Alabama; Bacterial Ecology; Bays; Coliforms -nonspecific; Marine Pollution; Sewage; Size; Water Pollutant Identification; ...2.0464

THE EFFECTS OF SUSPENDED SILTS AND CLAYS ON SELF-PURIFICATION IN NATURAL WATERS ...Adsorption Capacity; Cellular Catabolism-see Degrad; Sediments; Size; Suspension; Water Pollution Effects; ...2.0960

CHANNELIZATION STUDIES ...Channel Geometry; Fluid Mechanics; Reservoirs and Impoundments; Sedimentation; Sediments; Water Resources Protection; ...2.1062

EFFECTS OF SILTATION AND COARSER SEDIMENTS ON DISTRIBUTION AND ABUNDANCE OF STREAM-INHABITING INSECTS ...Aquatic Ecology - Animal; Deposition-general; Environment Pesistance-animals; Sediments; Size; Turbidity (water); Vertical Distribution; ...2.1542

ECONOMIC EVALUATION OF THE EFFECT OF SELECTED CROP PRACTICES ON NON-AGRICULTURAL USES OF WATER ...Agricultural Studies -general; Costs -see Economics Entries; Mathematical Models; Optimization, Economic; Sediments; Water Costs; Water Quality -general; ...2.1828

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

ENVIRONMENTAL EFFECTS ON THE CONTENT OF CS137 IN MILK ...Air Pollution -see Specifics; Deposition-general; Food Contamination; Lakes; Radioactive Fallout; Reservoirs and Impoundments; Strontium; ...5.0081

Silty Soils

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

YIELD OF NUTRIENTS FROM AGRICULTURAL LAND TO WATER SOURCES ...Chemical Analysis (water); Fertilizers; Loam -see Soil Types; Sandy Soils -see Soil Type; Soil Depth; Soil Types -also See Specifics; ...2.0353

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments, Soil Microbiology; Water Pollutant Identification; ...2.0571

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Clay Soils; Farm Animal Wastes; Irrigation; Livestock -nonspecific; Poultry -nonspecific; Soil Types -also See Specifics; Waste Disposal on Soils; Zea Mays - Field Corn; ...3.0147

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Analysis and Detection; Biochemical Oxygen Demand; Effluent-standards; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Septic Tanks; Water Pollutant Identification; ...3.0350

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Loam -see Soil Types; Pesticide Persistance in Soils; Soil Moisture; Soil Temp. -non-specific; ...4.0084

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT, Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0088

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Sorghum; Zea Mays - Field Corn; ...4.0142

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Soil Moisture; Sorghum; Triticum; ...4.0181

TRANSFORMATION, MOVEMENT, DISAPPEARANCE OF PESTICIDES AND RESIDUES IN SOILS ...Clay Soils; Pesticide Movement in Soils; Pesticide Persistance in Soils; Picloram; Soil Organic Content; Soil pH; Soil Texture; ...4.0193

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

Simulation Theory

PARTICLE DYNAMICS ...Atmospheric Dynamics; Diffusion; Engines; Missiles; Photography; ...1.0068

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Atmosphere Disturbance; Cloud Temperature; Color - Brightness; Computer Models; Cumulus; Microwave Radiation; Radiation Balance -cloud; Temperature; ...1.0358

A SYSTEMS ANALYSIS OF WATER AND NUTRIENT FLOWS IN THE LAKE WINGRA BASIN ...Computer Models; Eutrophication; Mathematical Analysis; Nutrients; Systems Analysis; Water Cycle; ...2.0444

HYBRID COMPUTER SIMULATION OF GROUND-WATER BASINS ...California; Computer Models; Data Networks; Development of Models; Groundwater; Training Grants, Fellowships; Water Quality Control -general; ...2.0492

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

SIMULATION OF WATER QUALITY IN STREAMS AND CANALS ...Biochemical Oxygen Demand; Flood Routing; Mineralogical Water Properties; River Basins; Texas; ...2.0808

APPLICATION OF STOCHASTIC TECHNIQUES TO WATER QUALITY DATA ANALYSIS ...Data Reduction and Analysis; Mathematical Models; Statistical Models; Stochastic Processes; Water Quality -general; ...2.0809

DECISION PROCESSES IN WATER QUALITY MANAGEMENT ...Administration and Management; Computer Models; Management; Model Studies; ...2.0963

COMPUTE SIMULATION OF DIFFUSION STUDIES ...Computer Models, Differential Equations; Fluid Mechanics; Mathematical Analysis, Monte Carlo Methods; Water Quality -general; ...2.1066

RECLAMATION OF POLLUTED FRESHWATER AQUIFERS BY PURGING ...Aquifers; Computer Models; Mapping; Water Pollutant Identification; ...2.1083

COORDINATED MANAGEMENT AND DESIGN OF METROPOLITAN AREA WATER SUPPLY AND WASTE WATER DISPOSAL NETWORKS - A LINKED SYSTEMS ANALYSIS ...Management (water); Model Studies; Optimization, Economic; Sewer Systems; Systems Analysis - Water Mgmt; Urban Research -general; Water Distribution Systems; ...2.1349

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Water Pollution Abatement; ...2.1675

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants; Filtration; Model Studies; Power Plants - see Specifics; Radioisotopes; Thermal Pollution; Water Pollution Sources; ...2.1756

SIMULATION MODELING OF ENVIRONMENTAL EFFECTS OF THERMAL GENERATION ...Atomic Plants; Columbia River; Electric Power Plants; Environment; Great Lakes -see Specific Lake; Model Studies; ...2.1759

REGIONAL MODELING OF SURFACE WATER TEMPERATURES FROM PROJECTED POWER GROWTH ...Atomic Plants; Computer Models; Forecasting - Prediction; Mississippi River; River Basins; Thermal Pollution; ...2.1760

EFFICIENT PRICING FOR URBAN WASTE WATER RENOVATION - PHASE I ...Activated Sludge; Computer Models; Plating Wastes; Urban Research -general; ...2.1807

A STUDY OF PUBLIC ATTITUDES AND MULTIPLE OBJECTIVE DECISION CRITERIA FOR WATER POLLUTION CONTROL PROJECTS ...Attitudes & Attitude Change; Decision Theory; Management; Markov Chains; Water Pollution Abatement; Water Quality -general; Water Resources Planning; ...2.1818

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ...Building Design; Coastlines - Shorelines; Economic Planning; Mathematical Models; Planning; Regional Economics; Urban Planning; Water Quality -general; ...3.0084

COMPUTER SIMULATION AND DESIGN OF TREATMENT INSTALLATIONS FOR DOMESTIC ...Mathematical Models; Process Design; Sewage - Domestic; Waste Treatment Economics; Water Quality Control -general; ...3.0088

OPTIMIZATION TECHNIQUES FOR AGRICULTURAL PROBLEMS ...Computer Languages; Farm Animal Wastes; Mathematical Models; Optimization Technique; Systems Analysis; ...3.0146

URBAN SCIENCE AND ENGINEERING ...Building Fire Considerations; Cost-benefit Analysis; Disposal; Urban Research; Urban Research -general; ...3.0246

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties; Eastern U. S.; Gramineae; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; Water Cycle; ...5.0032

SYSTEMS ECOLOGY ...Animal Predation; Computer Methods - general; Energy Budgets; Environmental Ecology; Plant Ecology - nonspecific; Plant Productivity -general; Radioactive Pollution -ns; Reactor Sites & Rad Waste; Systems Analysis; ...5.0074

THEORY OF AGING, MORTALITY AND RADIATION INJURY ...Injury -animal; Lethal Mutation; Mammals -nonspecific; Radiation Effects - Biological; Radiation Sensitivity -man; Statistics; X and Gamma Rays; ...5.0286

Slope

VEGETATIVE STABILIZATION OF MINE TAILINGS, WASTES, AND SPOILS ...Climates -general; Gramineae -other; Mineral Nutrition; Oil Shale; Setaria; Soil Chemical Properties; Spoil Banks; ...2.0077

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Forest Watersheds; Hydrographs; Piedmont Province; Rainfall - Runoff Relationship; Soil Density; Soil Moisture; Water Table; ...2.0113

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ...Agricultural Watersheds Deposition-general; Hydraulics; New England Province; Physical Properties; Sediments; Snowmelt; Suspension; ...2.0406

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Soil Moisture; Water Storage; ...2.1488

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Structure -other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

CHARACTERISTICS OF WASTE FROM SOUTHWESTERN CATTLE FEEDLOTS ...Agricultural Runoff; Animal Wastes - Feed Lots; Applied Climatology; Bos; Farm Animal Wastes; Management (water); Southwest U. S.; ...3.0321

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Coronilla; Farm Animal Wastes; Fertilizer Industry; Mineral Nutrition; Roads & Highways -see Highways; Soil Amendments; Soil Microbiology; Waste Disposal on Soils; ...3.0399

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Agricultural Runoff; Degradation -see Pesticide Deg; Drainage; Endrin; Floods; Pesticide Residues; Saccharum; Water Pollutants - Path of; Water Table - Depth of; ...4.0115

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

Sludge

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials; Coatings -see Materials; Dewatering; Effluents - Waste Water; Industrial Wastes; Metal Processing Wastes; Pilot Plants; Waste Treatment Economics; ...2.1208

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Forecasting - Prediction; Fruit, Nut, and Berry Crops; Soil Depth; Soil Types -also See Specifics; Water Table; ...2.1227

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Drainage Engineering; Fluorine; Growth; Water Table; ...2.1229

EFFICIENCY AND ECONOMY OF POLYMERIC SEWAGE CLARIFICATION ...Combustible Filters; Flocculation; Recycle Water; Urban Research -general; Waste Treatment Economics; ...2.1315

RECLAMATION OF METAL VALUES FROM METAL-FINISHING WASTE TREATMENT SLUDGES ...Degradation; Industrial Wastes; Oxidation; Reduction Reactions; Waste Treatment; ...2.1333

LIME SLUDGE RECOVERY AND REUSE ...Lime Treatment; Tertiary Treatment; Turbidity; Waste Material Recovery; ...2.1370

DEWATERING AND DRYING OF SLUDGE ON POROUS MEDIA ...Colloidal Phenomena; Dewatering; Fluid Mechanics; Gamma Spectroscopy; Porous Filters; Sand Filters; ...2.1419

PHOSPHATE UPTAKE, STORAGE, AND RELEASE BY MICROORGANISMS IN WASTEWATER TREATMENT ...Carbon; Microorganisms -nonspecific; Nutrients; Phosphorus and Phosphorus Cpds; Recycle Water; Sewage Bacteria; Waste Water Treatment -general; ...2.1451

APPLICATION OF SEWAGE SLUDGE TO FIELD CROPS ...Denitrification; Disposal; Microorganisms -nonspecific; Sewage; Waste Digestion; ...2.1548

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

SLUDGE DISPOSAL AND MATERIAL RECOVERY SYSTEM FOR MANUFACTURERS OF COATED AND/OR FILLED PAPERS ...Burning; Pulp and Paper Wastes; Waste Material Recovery; ...3.0159

PIPELINE FLOW OF SOLIDS-LIQUID SUSPENSIONS ...Fluid Mechanics; Pipe; Pipelines; Pipes; Waste Treatment Economics; ...3.0247

CATTLE FEEDLOT PEN DESIGN ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality Control -general; ...3.0273

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

FARM WASTE DISPOSAL ...Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Farm Animal Wastes; Irrigation; Model Studies; Physical Models; Sewage Lagoons; Tennessee; ...3.0316

A MATHEMATICAL MODEL FOR THE FINAL CLARIFIER OF AN ACTIVATED SLUDGE PROCESS ...Activated; Economic Theory; Effluents - Waste Water; Model Studies; Thickening; ...3.0354

Disposal

SELENIUM AND ITS SIGNIFICANCE AS AN AIR POLLUTANT ...Adsorption; Catalysts; Combustion; Fuels; Solid Waste; Trace Elements; ...1.0057

USE OF THE BOULDER ZONE FOR WATER STORAGE AND/OR FOR WASTE DISPOSAL ...Aquifers; Florida; Soil Tillage; Treatment; Waste Disposal, Underground; Water Storage; ...2.0996

ECONOMIC DISPOSAL OF WASTE SLUDGES FROM WATER TREATMENT PLANTS ...Additives; Coagulation; Dewatering; Electrochemistry; Filtration; Waste Treatment Economics; Water Purification; ...2.1121

SPREADING TREATED SEWAGE FOR GROUNDWATER RECHARGE ...Activated; Arizona; Artificial Recharge; Groundwater Sewage; Waste Management -see Specific; ...2.1151

FURTHER STUDIES OF INFILTRATION ...Drainage; Groundwater; Infiltration; Saturated- Unsaturated Soils; Subsurface Runoff; Waste Water Treatment -general; ...2.1183

PRODUCTION OF WATER AND WASTEWATER TREATMENT EQUIPMENT ...Chemical Treatment (water); Digestion; Filtration; ...2.1220

WASTE TREATMENT AND ANALYSIS FOR THE CITY OF MACON, GEORGIA ...Activated Sludge; Industrial Wastes; Pilot Plants; Pulp and Paper Wastes; Urban Environment; ...2.1234

WATER TREATMENT PLANT WASTES ...Filtration; Ion Exchange; Waste Properties; Waste Water Treatment -general; Water Chemistry; Water Purification; ...2.1253

USE OF LIME-SODA ASH SLUDGE FOR THE TREATMENT OF MUNICIPAL WASTEWATER ...Lime Treatment; Sewage - Domestic; Waste Treatment Economics; Water Pollution Sources; ...2.1275

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Centrifugation; District of Columbia; Filtration; Process Design; Waste Drying; Waste Treatment Economics; ...2.1339

IMPROVE POLLUTION CONTROL BY REUSE OF PAPER MACHINE PROCESS WATERS ...Coagulation; Precipitation; Pulp and Paper Wastes; Waste Material Recovery; Waste Water Treatment -general; Water Reuse; ...2.1356

STUDY OF UTILIZATION AND DISPOSAL OF LIME SLUDGES CONTAINING PHOSPHATES ...Lime Treatment; Product Development Research; Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general; ...2.1379

NEUTRALIZATION AND PRECOAT FILTRATION OF CONCENTRATION SLUDGES FROM MINE WATER ...Acid Mine Wastes; Benefit-cost Analysis; Drainage; Mining Industry; Neutralization; Waste Treatment Economics; ...2.1391

TREATMENT OF WATERCRAFT WASTES ...Boat Discharges; Chlorination; Coagulation; Electrochemistry; Process Design; Ship Wastes; ...2.1395

THE THICKENING AND DEWATERING OF PRECIPITATES FROM THE LIME/LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Wastes; Centrifugation; Disinfection; Filtration; Lime Treatment; Thickening; ...2.1453

APPLICATION OF SEWAGE SLUDGE TO FIELD CROPS ...Denitrification; Microorganisms -nonspecific; Sewage; Waste Digestion; ...2.1548

EFFECT OF ENVIRONMENTAL FACTORS ON DESIGN AND OPERATION OF OPEN-AIR SLUDGE DRYING BEDS ...Dewatering; Physical Effects; Process Design; Sand Filters; Sewage Testing; ...2.1627

A SOLID WASTES MANAGEMENT SYSTEM FOR THE BAY REGION ...Farm Animal Wastes; Plant Waste Removal, Treatment; Public Utilities; Solid Waste; Waste Management -see Specific; Waste Material Recovery; ...3.0079

DIGESTION OF SLUDGES WITH SODIUM CHLORIDE AND SULFATE ...Digestion; Industrial Wastes; Sewer Systems; Waste Management -see Specific; ...3.0115

TREATMENT AND DISPOSAL OF LOW-LEVEL SLUDGES BY SOLAR EVAPORATION ...Dewatering; Evaporation; Process Design; Waste Treatment Economics; ...3.0151

ACID EMULSION BREAKING - ACTIVATED SLUDGE FOR BAKERY WASTE ...Activated Sludge; Groundwater; New York; Waste Water Treatment -general; ...3.0230

ULTIMATE DISPOSAL OF SLUDGES BY SURFACE SPREADING ...Dewatering; Oxidation, Percolation (water); Pipelines; Soil Microbiology; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0259

HEAT TRANSFER STUDIES ON SLUDGE SUSPENSION ...Digestion; Fluid Mechanics; Heat Transmission; Pipelines; Soil Amendments; Solid Waste; Waste Disposal on Soils; ...3.0263

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

Burial

CONSERVATION OF FRESH-WATER RESOURCES BY DEEP-WELL DISPOSAL OF LIQUID WASTES ...Engineering Geology; Geophysical Analysis; Mathematical Models; Porosity, Subsurface; ...2.1148

TEXTILE WASTE REDUCTION THROUGH RECOVERY AND REUSE OF SYNTHETIC WARP SIZES ...Biochemical Oxygen Demand; Burning; Industrial Wastes; Textile Industry; Waste Material Recovery; Waste Water Degradation; ...2.1357

Burning

CHEMICAL SLUDGE DISPOSAL AND CHEMICAL RECOVERY AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...District of Columbia; Pilot Plants; Tertiary Treatment; Vacuum Techniques; Waste Material Recovery; Waste Treatment Economics; ...2.1222

PILOT-SCALE STUDY OF IMPROVED PHOSPHATE REMOVAL BY MODIFIED ACTIVATED SLUDGE PROCESS ...Activated Sludge, Dewatering; Lakes; Pilot Plants; Thickening; Waste Water Treatment -general; ...2.1302

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Centrifugation; Disposal; District of Columbia; Filtration; Process Design; Waste Drying; Waste Treatment Economics; ...2.1339

TEXTILE WASTE REDUCTION THROUGH RECOVERY AND REUSE OF SYNTHETIC WARP SIZES ...Biochemical Oxygen Demand; Burial; Industrial Wastes; Textile Industry; Waste Material Recovery; Waste Water Degradation; ...2.1357

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Centrifugation; Filtration; Pilot Plants; Process Design; Waste Drying; Waste Treatment Economics; ...2.1400

BIOLOGICAL TREATMENT PILOT PLANT AND SLUDGE DISPOSAL FACILITY ...Activated Sludge; Centrifugation; Dewatering; Filters-filtration; Pilot Plants; Process Design; Waste Treatment Economics; ...2.1406

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Centrifugation; District of Columbia; Filtration; Pilot Plants; Process Design; Waste Drying; Waste Treatment Economics; ...2.1407

DISPOSAL OF LIQUID INDUSTRIAL WASTE ...Connecticut; Dewatering; Metal Processing Wastes; Oil Removal; Petroleum Wastes - Spillage; Sewer Systems; ...3.0094

DEVELOPMENT OF MATHEMATICAL MODEL OF SEWAGE SLUDGE FLUIDIZED BED INCINERATORS ...Development of Models; Fluidized Bed Reactor; Model Studies; ...3.0125

SLUDGE DISPOSAL AND MATERIAL RECOVERY SYSTEM FOR MANUFACTURERS OF COATED AND/OR FILLED PAPERS ...Pulp and Paper Wastes; Sludge; Waste Material Recovery; ...3.0159

ENGINEERING PROPERTIES OF COMPACTED ASH FILLS ...Combustion; Construction Materials; Engineering Mechanics; Materials -properties; Soil Compaction Or Density; ...3.0179

INCINERATION OF PLASTICS FOUND IN MUNICIPAL REFUSE ...Air Pollution; Contamination; Incineration; Pyrolysis; ...3.0248

Landfill

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination; Eastern U. S.; Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Activated Sludge; Environmental Hazards; Groundwater; Precipitation; Sanitary Sewage Quantity; Sewage Lagoons; Trickling Filters; ...2.0442

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Contamination; Groundwater Movement; Sanitary Landfills; Waste Disposal on Soils; ...2.1007

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Aquifers; Cultural Control; Eutrophication; Nutrients; Sanitary Landfills; Waste Disposal-see Solid Waste; ...2.1047

PIPELINE TRANSPORT OF SLUDGE ...Pilot Plants; Pipe; Soil Amendments; Strip Mines; Waste Disposal on Soils; Waste Management -see Specific; West Virginia; ...2.1373

ACTIVATED SLUDGE - BIO-DISC TREATMENT OF DISTILLERY WASTES ...Activated Sludge; Distillery Wastes; Organics; Temperature; Waste Management -see Specific; ...3.0126

VOLUME REDUCTION AND STABILIZATION OF WASTES FROM SWINE ...Animal Wastes - Feed Lots; Bacteria -nonspecific; Biochemical Oxygen Demand; Farm Animal Wastes; Fungi -nonspecific; Nitrogen and Nitrogen Cpds.; Waste Disposal on Soils; ...3.0216

A STUDY OF LAND DISPOSAL OF SPENT SULFITE LIQUOR AT BADGER PAPER MILLS, INC., PESHTIGO, WISCONSIN ...Aquifers; Limestone-general; Pulp and Paper Wastes; Water Pollutants - Path of; Wisconsin; ...3.0345

Thickening

ECOLOGY OF SPHAEROTILUS IN ACTIVATED SLUDGE ...Activated Sludge; Cellular Physiology- Env. Eff.; Chemical Analysis - general; Process Design; Sphaerotilus; Statistics; ...2.1005

CHEMICAL SLUDGE DISPOSAL AND CHEMICAL RECOVERY AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Burning; District of Columbia; Pilot Plants; Tertiary Treatment; Vacuum Techniques; Waste Material Recovery; Waste Treatment Economics; ...2.1222

THICKENING AND DEWATERING OF WATER TREATMENT SLUDGE ...Electrochemistry; Filtration; Waste Drying; Waste Treatment; Waste Water Treatment -general; ...2.1255

MECHANISMS OF SLUDGE THICKENING ...Activated Sludge; Mechanism Determination; Solid Waste; Waste Treatment; ...2.1256

PILOT-SCALE STUDY OF IMPROVED PHOSPHATE REMOVAL BY MODIFIED ACTIVATED SLUDGE PROCESS ...Activated Sludge; Burning; Dewatering; Lakes; Pilot Plants; Waste Water Treatment -general; ...2.1302

THE THICKENING AND DEWATERING OF PRECIPITATES FROM THE LIME/LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Wastes; Centrifugation; Disinfection; Filtration; Lime Treatment; ...2.1453

ACTIVATED SLUDGE - BIO-DISC TREATMENT OF DISTILLERY WASTES ...Activated Sludge; Distillery Wastes; Organics; Temperature; Waste Management -see Specific; ...3.0126

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL--FLOCCULATION BY ORGANIC POLYMERS ...Colloidal Phenomena; Electrochemistry; Electrophoresis; Flocculation; Sand Filters; ...3.0260

A MATHEMATICAL MODEL FOR THE FINAL CLARIFIER OF AN ACTIVATED SLUDGE PROCESS ...Activated; Economic Theory; Effluents - Waste Water; Model Studies; ...3.0354

Treatment

USE OF THE BOULDER ZONE FOR WATER STORAGE AND/OR FOR WASTE DISPOSAL ...Aquifers; Disposal; Florida; Soil Tillage; Waste Disposal, Underground; Water Storage; ...2.0996

TREATMENT AND DISPOSAL OF COMPLEX CHEMICAL WASTES ...Chemical Industry; Disposal Wastes; Injection Wells; Waste Disposal, Underground; Waste Treatment; ...2.1146

Activated

STUDY OF MICROBIOLOGICAL-BIOCHEMICAL PHOSPHATE SORPTION MECHANISM BY ACTIVATED SLUDGE ...Absorption - Chemistry; Bacterial Identification; Cell Membrane Permeability; Mechanism Determination; Recycle Water; Sewage Bacteria; ...2.0737

REUSE OF PLANT EFFLUENT AND COOLING WATER BLOWDOWN AS PROCESS WATER ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Digestion; Pond; Sewer Systems; Water Reuse; ...2.0924

SPREADING TREATED SEWAGE FOR GROUNDWATER RECHARGE ...Arizona; Artificial Recharge; Disposal; Groundwater; Sewage; Waste Management -see Specific; ...2.1151

MYCOLOGICAL PHENOMENA IN SEWAGE SPREADING BASINS ...Cellular Catabolism-see Degrad; Environmental Factors; Sewage; Soil Bacteria; Soil Microbiology; Waste Disposal on Soils; ...2.1185

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Artificial Recharge; Chemical Water Properties; Hawaii; Land Use; Primary Treatment; Storm Water; Urban Runoff; Water Standards & Baselines; ...2.1239

CHLORINATION OF WASTE WATER EFFLUENTS ...Bacterial Ecology; Cellular Physiology- Env. Eff.; Chlorine; Effluent-standards; Illinois; Sewage Bacteria; Water Bacteria; ...2.1259

WINERY WASTEWATER - CHARACTERIZATION AND TREATMENT ...Acidity (water); Activated Sludge; Anaerobic Bacteria; Contamination - Water; Food Processing Industries; Sewer Systems; Waste Treatment; ...2.1348

POLLUTION PREVENTION BY AERATION OF FRUIT PROCESSING WASTES ...Aerobic Bacteria; Biochemical Oxygen Demand; Food Processing Industries; Lagoon; Plant Waste Removal, Treatment; Waste Drying; ...2.1449

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Adsorption; Algal Physiology; Colloidal Phenomena; Eutrophication; Gases; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Sewage Bacteria; Waste Water Treatment -general; ...2.14b3

BIOLOGICAL METHODS OF SLUDGE DEWATERING ...Bacterial Identification; Cellular Physiology- Env. Eff.; Microorganisms - nonspecific; Waste Drying; ...2.1490

THE ECOLOGY OF THE MICROBIAL POPULATION OF ACTIVATED SLUDGE ...Degradation -see Pesticide Deg; Mechanism Determination; Toxic Substances; Waste Management -see Specific; ...3.0021

CHARACTERIZATION OF THE ACTIVATED SLUDGE PROCESS AT THE HYPERION TREATMENT PLANT ...California; Model Studies; Waste Water Treatment -general; Water Purification; ...3.0071

EVALUATION OF THE APPLICABILITY OF AERATED LAGOONS FOR SEWAGE TREATMENT ON THE CANADIAN PRAIRIES ...Aeration (water); Canada; Economic Efficiency; Lagoon; Sewage - Domestic; Sewage Lagoons; Waste Treatment Economics; ...3.0090

IDENTIFICATION OF LIMITING FACTORS IN THE BIOLOGICAL TREATMENT OF SEWAGE ...Kinetics; Literature Search; Model Studies; Pilot Plants; Sewage Bacteria; ...3.0102

MICROBIAL CONTAMINATION OF AIR NEAR OPEN WASTE TREATMENT FACILITIES ...Air Pollution -see Specifics; Bacteria -nonspecific; Biological Organisms; ...3.0172

MICROBIOLOGY OF SLUDGE - DNA ANALYSIS AND N2 REMOVAL ...Cellular Viability; Denitrification -see Nitrogen; Hyperthermal; Nitrogen and Nitrogen Cpds.; ...3.0207

IMPROVED CAPABILITIES OF BIOLOGICAL SYSTEMS TO ASSIMILATE OIL ...Degradation -see Pesticide Deg; Oil Removal; Petroleum Industry; Waste Water Treatment -general; ...3.0243

THERMOPHILIC AEROBIC PROCESS FOR WASTE TREATMENT ...Aerobic Waste Water Treatment; Mathematical Models; Process Design; Thermophilic Bacteria; Waste Water Treatment - general; ...3.0308

A MATHEMATICAL MODEL FOR THE FINAL CLARIFIER OF AN ACTIVATED SLUDGE PROCESS ...Economic Theory; Effluents - Waste Water; Model Studies; Thickening; ...3.0354

Aeration

REUSE OF PLANT EFFLUENT AND COOLING WATER BLOWDOWN AS PROCESS WATER ...Activated; Biochemical Oxygen Demand; Chemical Oxygen Demand; Digestion; Pond; Sewer Systems; Water Reuse; ...2.0924

OXYGEN CONSUMPTION IN CONTINUOUS BIOLOGICAL CULTURE ...Activated Sludge; Aeration (water); Gases; Process Design; Waste Water Treatment -general; ...2.1024

REMOVAL OF NITROGEN COMPOUNDS FROM MUNICIPAL WASTEWATER ...Biochemical Oxygen Demand; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Pilot Plants; Urban Environment; Waste Water Treatment -general; ...2.1367

RELATIONSHIP OF ACTIVATED SLUDGE BULKING TO ORGANIC LOADING, OXYGEN AVAILABILITY, AND HYDRAULIC CHARACTERISTICS OF THE AERATION TANK ...Activated Sludge; Aeration (water); Organics; Process Design; ...2.1376

AEROBIC SECONDARY TREATMENT OF POTATO PROCESSING WASTES WITH MECHANICAL AERATION ...Aeration (water); Aerobic Waste Water Treatment; Canning Wastes -see Food Proc.; Process Design; Secondary Treatment; Waste Treatment Economics; ...3.0118

HANDLING AND DISPOSAL OF POULTRY WASTES ...Animal Wastes - Feed Lots; Farm Animal Wastes; Northeast U. S.; Waste Disposal on Soils; ...3.0234

THERMOPHILIC AEROBIC PROCESS FOR WASTE TREATMENT ...Activated; Aerobic Waste Water Treatment; Mathematical Models; Process Design; Thermophilic Bacteria; Waste Water Treatment -general; ...3.0308

SEWAGE PHOSPHORUS REMOVAL BY AN ACTIVATED SLUDGE PLANT ...Activated Sludge; Optimization, Economic; ...3.0353

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

Dewatering

TREATMENT OF WATER-PLANT SLUDGES ...Bench Scale; Coagulation; Crystallization; Filtration; Lime Treatment; ...2.0870

ECONOMIC DISPOSAL OF WASTE SLUDGES FROM WATER TREATMENT PLANTS ...Additives; Coagulation; Disposal; Electrochemistry; Filtration; Waste Treatment Economics; Water Purification; ...2.1121

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials; Coatings -see Materials; Effluents - Waste Water; Industrial Wastes; Metal Processing Wastes; Pilot Plants; Sludge; Waste Treatment Economics; ...2.1208

CHEMICAL SLUDGE DISPOSAL AND CHEMICAL RECOVERY AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Burning; District of Columbia; Pilot Plants; Tertiary Treatment; Vacuum Techniques; Waste Material Recovery; Waste Treatment Economics; ...2.1222

RECLAMATION OF ENERGY FROM ORGANIC REFUSE ...Anaerobic Wastewater Treatment; Digestion; Fuels; Organic Matter; Sewage - Domestic; Waste Material Recovery; ...2.1261

PILOT-SCALE STUDY OF IMPROVED PHOSPHATE REMOVAL BY MODIFIED ACTIVATED SLUDGE PROCESS ...Activated Sludge; Burning; Lakes; Pilot Plants; Thickening; Waste Water Treatment -general; ...2.1302

PHOSPHATE REMOVAL BY BIOLOGICAL PROCESS ...Activated Sludge; Pilot Plants; Process Design; ...2.1308

WASTE WATER PURIFICATION ...Activated Sludge; Adsorption; Combustion; Energy Conversion; Sedimentation; Surfactants -see Detergents; ...2.1390

BIOLOGICAL TREATMENT PILOT PLANT AND SLUDGE DISPOSAL FACILITY ...Activated Sludge; Burning; Centrifugation; Filters-filtration; Pilot Plants; Process Design; Waste Treatment Economics; ...2.1406

DEWATERING AND DRYING OF SLUDGE ON POROUS MEDIA ...Colloidal Phenomena; Fluid Mechanics; Gamma Spectroscopy; Porous Filters; Sand Filters; Sludge; ...2.1419

OPTIMAL CONDITIONING PROCEDURES FOR WASTE ACTIVATED SLUDGE DISPOSAL ...Activated Sludge; Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Digestion; Electrochemistry; Sand Filters; Waste Water Treatment -general; ...2.1442

THE THICKENING AND DEWATERING OF PRECIPITATES FROM THE LIME/LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Wastes; Centrifugation; Disinfection; Filtration; Lime Treatment; Thickening; ...2.1453

EFFECT OF ENVIRONMENTAL FACTORS ON DESIGN AND OPERATION OF OPEN-AIR SLUDGE DRYING BEDS ...Disposal; Physical Effects; Process Design; Sand Filters; Sewage Testing; ...2.1627

DISPOSAL OF LIQUID INDUSTRIAL WASTE ...Burning; Connecticut; Metal Processing Wastes; Oil Removal; Petroleum Wastes - Spillage; Sewer Systems; ...3.0094

ACTIVATED SLUDGE - BIO-DISC TREATMENT OF DISTILLERY WASTES ...Activated Sludge; Distillery Wastes; Organics; Temperature; Waste Management -see Specific; ...3.0126

TREATMENT AND DISPOSAL OF LOW-LEVEL SLUDGES BY SOLAR EVAPORATION ...Disposal; Evaporation; Process Design; Waste Treatment Economics; ...3.0151

ULTIMATE DISPOSAL OF SLUDGES BY SURFACE SPREADING ...Disposal; Oxidation; Percolation (water); Pipelines; Soil Microbiology; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0259

RESEARCH ON AN ANIMAL-WASTE POLLUTION CONTROL SYSTEM ...Air Pollution; Animal Wastes - Feed Lots; Farm Animal Wastes; Gas Chromatography; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Waste Water Treatment -general; ...3.0289

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

Digestion

STUDIES ON THE METHANOGENIC BACTERIA IN SLUDGE ...Bacterial Classification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Methane Bacteria -nonspecific; Sewage Bacteria; ...2.0545

REUSE OF PLANT EFFLUENT AND COOLING WATER BLOWDOWN AS PROCESS WATER ...Activated; Biochemical Oxygen Demand; Chemical Oxygen Demand; Pond; Sewer Systems; Water Reuse; ...2.0924

A STUDY OF THE REMOVAL OF CARBONACEOUS, NITROGENOUS AND PHOSPHORUS MATERIALS FROM CONCENTRATED PROCESS WASTE STREAMS ...Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Process Design; Waste Water Treatment -general; ...2.1164

PRODUCTION OF WATER AND WASTEWATER TREATMENT EQUIPMENT ...Chemical Treatment (water); Disposal; Filtration; ...2.1220

RECLAMATION OF ENERGY FROM ORGANIC REFUSE ...Anaerobic Wastewater Treatment; Fuels; Organic Matter; Sewage - Domestic; Waste Material Recovery; ...2.1261

OPTIMAL CONDITIONING PROCEDURES FOR WASTE ACTIVATED SLUDGE DISPOSAL ...Activated Sludge; Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Dewatering; Electrochemistry; Sand Filters; Waste Water Treatment -general; ...2.1442

DEMONSTRATION PROJECT OF BIOLOGICAL ADSORPTION OF POLLUTANTS FROM COMBINED STORM WATER RUNOFF AND SANITARY SEWAGE ...Activated Sludge; Disinfection; Rain; Sewer Systems; ...2.1456

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Contamination - Soil; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

DIGESTION OF SLUDGES WITH SODIUM CHLORIDE AND SULFATE ...Disposal; Industrial Wastes; Sewer Systems; Waste Management -see Specific; ...3.0115

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Color; Disinfection; Farm Animal Wastes; Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment - general; ...3.0168

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Electroosmosis; Farm Animal Wastes; Sewage Lagoons; Waste Drying; ...3.0181

HYDROLYSIS OF SLUDGE USING LOW PRESSURE STEAM WITH SO2 AS A HYDROLYTIC ADJUNCT AND TO STUDY THE UTILIZATION OF THE RESULTING HYDROLYSATE ...Hydrolysis, Esterification; Product Development Research; Sulfur Dioxide; Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general; ...3.0245

HEAT TRANSFER STUDIES ON SLUDGE SUSPENSION ...Disposal; Fluid Mechanics; Heat Transmission; Pipelines; Soil Amendments; Solid Waste; Waste Disposal on Soils; ...3.0263

CONVERSION OF EXISTING ANAEROBIC DIGESTERS TO AEROBIC DIGESTERS - FULL PLANT SCALE ...Activated Sludge; Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Filtration; Ohio; Pulp and Paper Wastes; ...3.0267

HIGH-RATE, MULTIPLE MEDIUM FILTRATION FOR SECONDARY TREATMENT OF MUNICIPAL WASTE WATER ...Biochemical Oxygen Demand; Chemical Analysis -general; Coagulation; Effluent-standards; Filtration; Secondary Treatment; Waste Treatment Economics; ...3.0302

DESIGN OF FACILITIES FOR ANIMAL WASTE DISPOSAL ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Effluents - Waste Water; Farm Animal Wastes; Pilot Plants; Puerto Rico; ...3.0306

Smog -see Air Pollution

SMOG EYE IRRITATION - EXPERIMENTAL AND CLINICAL STUDIES ...Air Pollution -see Specifics; Cellular Biosynthesis; Mammals -nonspecific; ...1.0178

RESPIRATORY TRACT AIR POLLUTANTS AND BIOLOGICAL AGENTS ...Air Pollution -see Specifics; Cavildae; Diplococcus Pneumoniae; Muridae; Pleuropneumonia Group; Respiratory Disease; Sulfur Dioxide; ...1.0180

BIOENGINEERING ASPECTS OF AIR POLLUTION ...Aerosols; Air Pollution -see Specifics; Models (physical) of Anim.&man; Respiratory Irritants, Inhaled; Smoke; Tobacco -cigarettes; ...1.0677

Smoke -see Air Pollution

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Coal Research; Energy Conversion; Heating Units; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers; Wind Tunnels; ...1.0031

PLUME RISE STUDIES ...Furnace and Incinerator Design; ...1.0047

VENTILATION DURING TUNNEL CONSTRUCTION ...Air Pollution-chemistry; Dust; Legal Studies-general; Particulate Matter - Air Poll.; Tunnels; ...1.0140

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Catalysts; Combustion; Fire Research -see Forest Fire; Food Contamination; Fuels; Mass Spectroscopy; Pyrolysis; Thin Layer Chromatography; ...1.0149

FLAME RETARDANTS AND AIR POLLUTION FROM SLASH BURNING ...Air Pollution-chemistry; Atmospheric Dynamics; Combustion Air Pollution-gen; Fire Research -see Forest Fire; Forest Fires -see Fire; Smoke; ...1.0161

EFFECTS ON FOREST TREES OF LONG-TERM EXPOSURE TO LOW CONCENTRATIONS OF AIR POLLUTANTS ...Fluorine; Forest Pathology; Pinus Strobus; Pollutant Resistance; ...1.0384

SMOG ELIMINATION RESULTING FROM BUILDING DESIGN AND CITY PLANNING ...Building Design; Fluid Mechanics; Photography; Planning; Surveying; Urban Research -general; ...1.0558

DIESEL EMISSION CONTROL ...Air Cleaning Devices; Combustion; Engine; Environmental Aspects; Fuels; Odor; ...1.0574

FUEL INJECTION SYSTEM ANALYSIS - DIESEL SMOKE REDUCTION ...Diesel; Engines; Fuel Induction Devices; Spray Devices; ...1.0583

VORTEX INCINERATION OF COMBUSTIBLE WASTES ...Furnace and Incinerator Design; Incineration; ...1.0634

USE OF ELECTRIC FIELDS IN COMBUSTION ...Air Pollution-chemistry; Combustion; Electric Field; Furnace and Incinerator Design; Furnaces; Incineration; Nitrogen and Nitrogen Cpds.; Pilot Plants; ...1.0638

EMISSION INVENTORIES OF FEDERAL FACILITIES IN AQCR'S ...Air Pollution-chemistry; Combustion; Data Reduction and Analysis; Exhaust, Combustion -see Auto; Furnaces; Nitrogen and Nitrogen Cpds.; Statistics; ...1.0768

ATMOSPHERIC POLLUTION BY DIESEL ENGINES ...Air Pollution Monitoring; Combustion; Diesel Equipment; Engines; Smoke; ...1.0850

ENVIRONMENTAL FACTORS IN RELATION TO TRAFFIC ...Air Pollution -see Specifics; Geometric Design; Noise; Residential Buildings; Traffic Engineering; ...6.0063

Snake River

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Preimpoundment Sites; Reservoirs and Impoundments; Water Quality -general; ...2.1544

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Temperature (water); ...2.1545

Snow and Ice Removal

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN MASSACHUSETTS ...Groundwater; Leaching; Massachusetts; Salinity (water); Soil Chemical Properties; Water Pollutants - Path of; ...2.0183

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Chlorine; Fish; Literature Search; Rock - Soil Pollution; Soil Chemical Properties; Soil Saline Properties; Virginia; Water Supply Facilities; ...2.0408

STUDY OF METHODS FOR REDUCING WATER POLLUTION FROM STORM SEWER AND COMBINATION DISCHARGES THROUGH DEFINED PUBLIC WORKS PRACTICES ...Air Pollution; Overflow -see Fluid Mechanics; Pesticides -see Pesticide; Urban Environment; Urban Research -general; Water Quality Control -general; ...2.1242

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Contamination - Soil; Mans Pollutional Activities; Plant Growth; Sandy Soils -see Soil Type; Soils; Water Supply -general; ...2.1742

COLLECTION, PROPAGATION, CULTURE AND EVALUATION OF PLANT MATERIALS ...Forest Environment -general; Nebraska; Noise; Plant Growth; Right-of-way -see Legal Study; Roads & Highways -see Highways; Traffic Engineering; ...6.0039

Snowmelt

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ...Agricultural Watersheds; Deposition-general; Hydraulics; New England Province; Physical Properties; Sediments; Suspension; ...2.0406

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Systems Analysis - Water Mgmt; Water Quality - general; Watersheds; ...2.0646

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

Snowpack

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

Social Aspects

URBAN CHRONIC DISEASE EPIDEMIOLOGICAL STUDY PROGRAM ...Air Pollution -see Specifics; Environmental Effects - Human; Occupational Hazards; Urban Environment; ...1.0224

COMPLETE ANALYSIS OF DATA & PREPARE A REPORT ON THE RELATIONSHIP OF SOX & PARTICULATE AIR POLLUTION LEVELS TO SCHOOL ABSENCES IN CINCINNATI ...Air Pollution Effects; Air Pollution Monitoring; Ohio; Weather Data; ...1.0241

ANALYSES OF DATA & A REPORT ON RELATIONSHIPS BETWEEN SOCIO-ECONOMIC LEVELS OF AIR POLLUTION IN CHICAGO CENSUS TRACTS (ABBREV) ...Air Pollution - see Specifics; Air Pollution Effects; Urban Environment; ...1.0467

COMEX AIR POLLUTION COMPUTER RESEARCH PROJECT ...Administration and Management; Air Pollution; Air Pollution - see Specifics; Computer Methods -general; Decision Making; Education -see Training; Urban Research -general; ...1.0476

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Benefit-cost Analysis; Energy Conversion; Government -see Federal Gov.; Legal Studies; Petroleum Industry; Regulatory & Legal; Water Resources Protection; ...1.0481

THE EFFECTS OF AIR POLLUTION ON INTERPERSONAL BEHAVIOR ...Air Pollution -see Specifics; Environmental Effects - Human; Urban Environment; ...1.0491

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Water Pollutants - Path of; Watersheds; ...2.0197

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography; Forecasting - Prediction; Land Use; New Jersey; River Basins; Urban Environment; Urban Research; Water Pollution Sources; Water Utilization -domestic; ...2.0251

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Energy Conversion; Heat Recovery, Industrial; Nuclear Power; Plant Freshwater Ecology; Public Utilities; Thermal Pollution; ...2.0352

INTEGRATED URBAN UTILITY SYSTEMS ...Energy Conversion; Public Utilities; Technology - Social Impact; Urban Research; Water Supply -general; ...2.0428

PREDICTION MODELS FOR WATER QUALITY PARAMETERS ...Forecasting - Prediction; Operations Research; River Basins; Systems Analysis - Water Mgmt; Water Standards & Baselines; ...2.0556

POLLUTION OF COASTAL WATERS ...Coastlines - Shorelines; Economic Geology -general; Management; Marine Environments; Water Quality Control -general; ...2.0565

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Acidity (water); Aquatic Soils; Bottom Sampling; Geochemical Analysis (water); Lakes; Mineralogical Properties; Soil pH; ...2.0608

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis; Management (water); Multiple Purpose Reservoirs; Potable Water; Regional Economics; Waste Water Treatment -general; Water Resources Planning; ...2.0967

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific, Waste Treatment Economics; ...2.0973

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Foreign Agriculture; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Sewage; Water Pollution Abatement; Water Quality -general; ...2.1196

COMMUNITY ADOPTION OF WATER RECYCLING SYSTEMS ...Community - Social Studies; Urban Environment; Water Resources Planning; Water Supply -general; ...2.1301

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation, Water Resources; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

AN ECONOMIC STUDY OF MUNICIPAL SURCHARGES ON INDUSTRIAL WASTES ...Budgeting Analysis; Disposal Wastes; Industry; Regression Analysis; Urban Environment; Waste Treatment; ...2.1359

DEVELOPMENT OF CRITERIA FOR REGIONALIZATION OF WATER WASTES MANAGEMENT SYSTEMS ...Administrative Organizations; Management (water); Waste Disposal-see Solid Waste; Water Costs; Water Standards & Baselines; ...2.1403

PROBLEMS RELATED TO THE EFFECTS OF HEATED DISCHARGES FROM THERMAL POWER PLANTS ...Administrative Organizations; Energy Conversion; Generators; Heat Recovery, Industrial, Power Plants -see Specifics; Thermal Pollution; ...2.1740

IDENTIFYING ENVIRONMENTAL QUALITY ATTRIBUTES IN WATER RESOURCES ...Aquatic Ecology - Animal; Economics - recreation; Environment; Land Use, Modification Effects; Recreation, Water Resources; Water Resources Development; Wilderness Recreation; ...2.1741

THE AQUATIC ENVIRONMENT AND ELECTRICAL POWER GENERATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Great Lakes -see Specific Lake; Reactor Sites & Rad Waste; Temperature (water); ...2.1781

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal; Bays; Florida; Urban Environment; Urban Planning; Urban Research -general; Water Quality - general; Water Resources Planning; ...2.1809

ENVIRONMENT AND TECHNOLOGY ASSESSMENT ...Aquatic Soils; Costs -see Economics Entries; Government -see Federal Gov.; Thermal Pollution; Water Pollution -see Specifics; ...2.1812

NETWORK EVALUATION OF WASTEWATER COLLECTION ECONOMICS ...Benefit-cost Analysis; Cost-benefit Analysis; Demography; Public Utilities; Pumps; Urban Research -general; ...2.1820

WATER QUALITY CRITERIA FOR SELECTED RECREATION USES ...Attitudes & Attitude Change; Multivariate Analysis; Recreation, Water Resources; Survey Studies (water); Water Pollutant Identification; Water Quality -general; ...2.1827

A QUANTITATIVE ANALYSIS OF LANDSCAPE ESTHETICS, WITH SPECIAL REFERENCE TO STREAM AND VALLEY SYSTEMS AND RELATED WATER AND LAND RESOURCES ...Indiana; Landscaping; Temperate Climates; Water Quality - general; Water Resources Development; Water Utilization - domestic; Wild Rivers; ...2.1829

THE POLITICAL AND ADMINISTRATIVE PROBLEMS OF INSURING APPROPRIATE RESIDENTIAL SERVICES IN THE PERRY AND CLINTON RESERVOIR AREAS ...Government - see Federal Gov.; Kansas; Legal Studies; Reservoirs and Impoundments; Taxes - State Or Local; Water Quality Control -general; ...2.1834

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Aquatic Ecology - Animal; Chemical Water Properties; Economic Impact; Kentucky; Plant Freshwater Ecology; Regional Economics; Water Quality -general; ...2.1835

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Administration and Management; Biological Water Properties; Chesapeake Bay; Information Systems; Management (water); Soil Tillage; Systems Analysis - Water Mgmt; ...2.1840

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Expenditures; Finance -see Economics Entries; Lakes; Massachusetts; Model Studies; Riparian Rights; Water Pollution Abatement; Water Resources Planning; ...2.1843

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Community - Social Studies; Effluents - Waste Water; Legal Studies; Optimization, Economic; Water Costs; Water Resources Planning; Water Standards & Baselines; Welfare Economics; ...2.1844

A SURVEY OF ATTITUDES TOWARDS THE MISSISSIPPI RIVER AS A TOTAL RESOURCE IN MINNESOTA ...Attitudes & Attitude Change; Legal Studies; Mississippi River; Water Quality Control -general; Water Standards & Baselines; ...2.1856

SOCIAL ECONOMIC FACTORS IN THE ADOPTION BY INDUSTRY OF WATER POLLUTION CONTROL MEASURES ...Attitudes & Attitude Change; Data Reduction and Analysis; Industry; Minnesota; Social Change; Statistics; Water Quality Control - general; ...2.1857

USER ATTITUDES TOWARD WATER QUALITY AND PRICE ...Attitudes & Attitude Change; Nevada; Price & Value -see Economics; Survey Studies (water); Water Costs; Water Quality - general; ...2.1867

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation, Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING ...Benefit-cost Analysis; Demand and Use -recreation; Fishing; Recreation, Outdoor; Recreation, Water Resources; Survey - Recreation; Urban Environment; User Expenditures; ...2.1877

ALLOCATION OF STREAM POLLUTION CARRYING CAPACITY ...Administrative Organizations; Benefit-cost Analysis; Legislation - Zoning; Model Studies; Water Allocation; Water Pollution Abatement; ...2.1885

PUBLIC PARTICIPATION IN WATER POLLUTION CONTROL POLICY AND DECISION MAKING ...Community - Social Studies; Government -see Federal Gov.; North Carolina; Water Quality Control -general; Water Resources Planning; ...2.1891

A SOCIO-ENVIRONMENTAL STUDY OF A RIVER VALLEY ...Costs -see Economics Entries; Mammals -nonspecific; Ohio; River Basins; Towns; ...2.1894

COMMUNITY REACTIONS TO WATER RESOURCES PROBLEMS IN RELATION TO PLANNING ...Community - Social Studies; Floods; Urban Environment; Urban Planning; Water Pollution Sources; Water Resources Planning; Water Supply - general; ...2.1895

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Groundwater; Land Use; Percolation (water); Primary Treatment; Secondary Treatment; Survey Studies (water); Water Quality -general; ...2.1907

SOCIO-ECONOMIC FACTORS RELATED TO THE INCIDENCE OF A WATER-BORNE DISEASE ...Bacterial Pollutant Sources; Community - Social Studies; Digestive System - Human; Economic Impact; Intestinal Bacteria; Puerto Rico; Water Pollution -see Specifics; ...2.1909

SOME LEGAL, SOCIAL AND ECONOMIC PROBLEMS OF GROUNDWATER POLLUTION ...Attitudes & Attitude Change; Legal Studies; Sewage Treatment Plant; Water Costs; Water Quality Control -general; ...2.1910

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Benefit-cost Analysis; Demand and Use -recreation; Estuaries; Land Use; Oceanography -general; Rhode Island; Survey Studies (water); Water Quality Control -general; ...2.1911

ANALYSIS OF ENGINEERING ALTERNATIVES FOR ENVIRONMENTAL PROTECTION FROM THERMAL DISCHARGES ...Ecological Effects; Electric Power Plants; Energy Conversion; Power Plants -see Specifics; Thermal Pollution, Water Resources Planning; ...2.1927

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Generators; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Water Pollution Effects; ...2.1929

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Coastlines - Shorelines; Economics of Natural Resources; Lake Superior; Recreation, Outdoor; Regional Economics; Solid Waste; Tectonics; Water Quality Control - general; ...2.1937

INTERORGANIZATIONAL STRUCTURE RELATING TO WATER QUALITY ADMINISTRATION AND POLICY ...Administration and Management; Administrative Organizations; Data Acquisition; Government -see Federal Gov.; Organizational Research; Survey Studies (water); Water Quality -general; ...2.1939

NATIONAL CONFERENCE ON SOLID WASTES DISPOSAL SITES ...Disposal; Federal Government -see Gov.; Government - see Federal Gov.; Management (water); Sanitary Landfills; Urban Environment; Waste Disposal-see Solid Waste; ...3.0120

ADAPTIVE SPECIALIZATIONS IN LEARNING AND MEMORY ...Evolution; Injury and Shock; Learning and Retention; Motivation and Instinct; Sensory & Perceptual Processes; Toxicology; ...5.0586

INTRAMETROPOLITAN RESIDENTIAL MOBILITY ...Air Pollution; California; Environmental Hazards; Floods; Noise; ...6.0068

Social Change

SOCIAL ECONOMIC FACTORS IN THE ADOPTION BY INDUSTRY OF WATER POLLUTION CONTROL MEASURES ...Attitudes & Attitude Change; Data Reduction and Analysis; Industry; Minnesota; Social Aspects; Statistics; Water Quality Control - general; ...2.1857

Social Psychology

ENVIRONMENTAL INFLUENCES ON BEHAVIOR ...Auditory Stress; Crowding; Noise; Personality; Social Pressures; Urban Environment; ...6.0061

Soil - Alkaline

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

Soil - Calcareous

REACTIONS OF TRIAZINE-HERBICIDES WITH SOIL COMPONENTS ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil Organic Content; ...4.0082

Soil - Crop Relationships

EFFECT OF MINERAL ELEMENTS ON YIELD AND COMPOSITION OF CROPS AND ON SOIL CONDITIONS ...Fertilizers; Mineral Nutrition; Mineralogy; Soil Chemical Properties; Soil Conditions; Water Pollutants - Path of; ...3.0148

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research -general; ...2.0329

INFLUENCE OF FERTILIZER PRACTICES ON WATER AND THE QUALITY OF THE ENVIRONMENT ...Animal Wastes - Feed Lots; Groundwater; Mans Pollutional Activities; Soil Nutrient Cycling; Water Table; ...2.1635

EFFECTS OF GARBAGE COMPOST ON SOIL AND CROP PRODUCTION ...Avena Sativa; Plant Waste Removal, Treatment; Soil Chemical Properties; Soil Microbiology; Soil pH; Waste Disposal on Soils; ...3.0003

CONSERVATION OF RESOURCES IN MUNICIPAL WASTES ...Bromacil; Cotoran; Pennisetum; Plant Residues, Humus, Compost, Soil Cover Crops; Trifluralin; ...3.0046

WASTE COMPOSTS AS CHELATING AGENTS IN PLANT NUTRITION ...Absorption (incl. Adsorption); Chromatography; Mineral Nutrition; Waste Disposal on Soils; Zinc; ...3.0091

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

SOIL INVERTEBRATES INFLUENCE ON CORN RESIDUES ...Arthropods; Minimum Tillage; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Planting Methods; Population Dynamics -general; Soil Microbiology; ...4.0108

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Temperature - Air; Zea Mays - Field Corn; ...4.0201

CULTURE AND PHYSIOLOGY OF FLUE-CURED TOBACCO ...Air Pollution-chemistry; Growth Substances; Nicotiana; Pesticide Action on Plants; Pesticides -other; Tillage, Cropping Systems; ...4.0295

CHARACTERISTICS OF HANFORD PROJECT SOILS ...Arid and Desert Regions; Disease Resistance; Microorganisms -nonspecific; Reactor Sites & Rad Waste; Soil Amendments; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; ...5.0085

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Succession; Radiation Effects -see Rad.; Radioactive Contamination; Radioecology - Plants; Soil Environment -other; Translocation; ...5.0422

Soil Aeration

RELATIONSHIP OF LEAD IN THE AIR, SOIL AND PLANTS TO PROXIMITY TO HIGHWAY TRAFFIC ...Absorption (incl. Adsorption); Air Pollution -see Specifics; Cars; Lead; Roads & Highways -see Highways; Soil Chemical Properties; Wind -see Air Motion; ...1.0368

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bos; Drainage; Effluents - Waste Water; Lysimeters; Rural Areas; Sewage; Soil pH; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

SOIL PRODUCTIVITY AS AFFECTED BY MICROBIAL ACTIVITY IN CROP RESIDUES AND ANIMAL WASTES ...Bioindicators; Patulin; Plant Residues, Humus, Compost; Soil Chemical Properties; Soil Microbiology; Soil Temp -non-specific; Stubble Mulching; Triticum; ...3.0389

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Persistance in Soils; Plant Resistance; Soil Moisture; Temperature - Air; ...4.0091

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides - see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp -non-specific; Surfactants - Wetting Agents; ...4.0093

PERSISTENCE AND DETOXIFICATION OF HERBICIDES IN SOIL ...Climates -general; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil pH; ...4.0136

INTERACTION OF HERBICIDES AND SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Degradation -see Pesticide Deg; Microorganisms -nonspecific; Pesticide Persistance in Soils; Pesticide Residues Removal; Soil Microbiology; ...4.0153

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Chemical Properties; Soil Organic Content; Soil Temp -non-specific; Water Quality -general; ...4.0192

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; Turf; ...4.0490

Soil Aggregation -fungi -algae

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles; Infiltration; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Chemical Properties; Soil Types -also See Specifics; Tillage; Cropping Systems; ...2.0147

Soil Amendments

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Microbiology; Water Pollutant Identification; ...2.0571

PIPELINE TRANSPORT OF SLUDGE ...Landfill; Pilot Plants; Pipe; Strip Mines; Waste Disposal on Soils; Waste Management - see Specific; West Virginia; ...2.1373

TREATMENT OF TAILINGS TO ENHANCE PLANT GROWTH AND PROMOTE STABILIZATION OF TAILINGS ...Bibliography; Lead; Mine Wastes; Mining Industry; Toxic Minerals; Zinc; ...3.0043

ANIMAL WASTE COMPOSTING WITH CARBONACEOUS MATERIAL ...Farm Animal Wastes; Mineral Nutrition; Panicum -other; Plant Residues, Humus, Compost; Triticum; Waste Disposal on Soils; ...3.0252

HEAT TRANSFER STUDIES ON SLUDGE SUSPENSION ...Digestion; Disposal; Fluid Mechanics; Heat Transmission; Pipelines; Solid Waste; Waste Disposal on Soils; ...3.0263

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Costs - see Economics Entries; Hydrogenation; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Waste Disposal on Soils; ...3.0281

UTILIZATION OF AGRICULTURAL WASTES IN CROP PRODUCTION ...Agaricus; Farm Animal Wastes; Gramineae - other; Mineral Nutrition; Plant Residues, Humus, Compost; Pseudotsuga; Zea Mays - Field Corn; ...3.0294

UTILIZATION OF SOLID WASTES FROM THE COMBUSTION AND MINING OF COAL ...Automotive Application; Combustion; Elastomers; Pavement; Product Development Research; Soil pH; ...3.0341

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil pH; Solanaceae; Zinc; ...3.0359

EFFECTS OF GARBAGE COMPOST ON SOIL PROCESSES ...Florida; Nitrification; Soil Microbiology; Soil Organic Content; Waste Disposal on Soils; ...3.0366

BARK RESIDUES AS SOIL CONDITIONER ...Lycopersicum; Ornamentals; Plant Waste Removal, Treatment; Soil Compaction Or Density; Vegetables; ...3.0375

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Coronilla; Farm Animal Wastes; Fertilizer Industry; Mineral Nutrition; Roads & Highways -see Highways; Soil Microbiology; Waste Disposal on Soils; ...3.0399

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

MECHANISM OF ADSORPTION OF VARIOUS HERBICIDES BY SOIL HUMIC SUBSTANCES ...Adsorption; Chemical Analysis, Environment Accumulation Rates; Kinetics; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0171

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Methyl Bromide; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Terrachlor; Vegetables; ...4.0506

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Rhizobium; Soil pH; Trifluralin; ...4.0950

CHARACTERISTICS OF HANFORD PROJECT SOILS ...Arid and Desert Regions; Disease Resistance; Microorganisms -nonspecific; Reactor Sites & Rad Waste; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; ...5.0085

Soil Analysis

EFFECTS OF AIRBORNE FLUORIDES ON ANIMAL NUTRITION AND METABOLISM ...Air Pollution -see Specifics; Cricetus; Fluorine; ...1.0288

EFFECT OF NATURAL GAS ON SOIL ECO-SYSTEMS IN AN URBAN ENVIRONMENT ...Air Pollution -see Specifics; Fuels; Leakage; Urban Environment; ...1.0393

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Animal Wastes - Feed Lots; Contamination - Soil; Fertilizers; Nutrients; Percolation (water); Soil Minerals -natural; Water Pollutants - Path of; ...2.0081

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Eutrophic Lakes; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Sediments; Soil Chemical Properties; ...2.0086

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Disturbance; Erosion; Iowa; Location; Methods; Sediment Yield; Sediments; Soil Chemical Properties; ...2.0145

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Runoff (water); Soil Radiation Emission; ...2.0216

NITRATES IN WATER SUPPLIES ...Animal Wastes - Feed Lots; Fertilizers; Soil Chemical Properties; Waste Disposal on Soils; Water Supply -general; ...2.0222

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Contamination - Soil; Farm Animal Wastes; Groundwater; Snowmelt Runoff; Soil Microbiology; Urine; Water Pollutants - Path of; ...2.0242

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research -general; ...2.0329

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination; Eastern U. S.; Landfill; Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

MINIMIZING SOIL AND WATER POLLUTION FROM FERTILIZERS AND IRRIGATION WATERS--RIO GRANDE PLAIN ...Denitrification; Effluents - Waste Water; Groundwater; Rio Grande River; Soil Profile; ...2.0391

ORGANIC COMPOUNDS IN ALASKA PERMAFROST GROUNDWATER ...Alaska; Groundwater; Permafrost - Frozen Soils; Thin Layer Chromatography; Water Pollutant Identification; ...3.0471

METHODS IN SPECTROGRAPHIC ANALYSIS OF SOILS & PLANTS FOR MINOR ELEMENTS ...Animal Migration; Atomic Absorption; Drainage; Emission Spectroscopy; Fluorometry; X-ray Spectroscopy; ...2.0580

QUALITY OF TILE EFFLUENT ...Chemical Analysis (water); Drainage; Effluents - Waste Water; Floods; Nitrogen and Nitrogen Cpds.; Phaseolus; Phosphorus and Phosphorus Cpds; Zea Mays - Field Corn; ...2.0587

MIXING PROCESSES IN SATURATED AND UNSATURATED SOIL-WATER SYSTEMS IN RELATION TO POLLUTION ...Chlorine; Fluid Mechanics; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; ...2.0965

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Leaching; Percolation (water); Soil Chemical Properties; Soil Filters; Soil Organic Content; Soil Texture; Waste Disposal on Soils; ...2.0988

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Diffusion; Groundwater Movement; Organic Matter; Oxidation; Polarography; Septic Tanks; Soil Chemical Properties; Soil Moisture; ...2.0989

DEVELOP FIELD PROCEDURES FOR PREDICTING MOVEMENT OF LIQUID WASTES IN SOILS ...Percolation (water); Saturated - Unsaturated Soils; Septic Tanks; Soil Moisture; Soil Permeability; Water Pollutants - Path of; Wisconsin; ...2.1459

EFFECTS OF RECENT AND PAST PHOSPHATE FERTILIZATION ON THE AMOUNTS OF PHOSPHORUS PERCOLATING THROUGH SOIL PROFILES INTO SUBSURFACE WATERS. ...Adsorption; Fertilizers; Mineralogy; Model Studies; Percolation (water); Soil Chemical Properties; Soil Organic Content; ...2.1616

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Organic Content; Tillage, Cropping Systems; Waste Water Treatment -general; Water Pollution Effects; ...3.1665

EVALUATION OF POULTRY MANURE AS A FERTILIZER ...Bos; Cynodon; Fertilizer Losses; Soil Chemical Properties; Trifolium; ...3.0004

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Clay Soils; Farm Animal Wastes; Irrigation; Livestock -nonspecific; Poultry -nonspecific; Silty Soils; Soil Types -also See Specifics; Waste Disposal on Soils; Zea Mays - Field Corn; ...3.0147

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bos; Drainage; Effluents - Waste Water; Lysimeters; Rural Areas; Sewage; Soil Aeration; Soil pH; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Carbon; Chemical Analysis (water); DDT; Paraquat; Pesticide Residues; Planavin; Soil Chemical Properties; Water Pollutant Identification; ...4.0016

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Carbamates -nonspecific; Fertilizers; Land Use; Monitoring Systems; Nutrients; Pesticides -see Pesticide; ...4.0036

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticide Absorption Rates; Pesticides -nonspecific; Rate of Reaction; Soil Chemical Properties; Soil Profile; Surfactants - Wetting Agents; Tension and Measurement; ...4.0094

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

WEEDS AND WEED CONTROL ...Atrazine; Barban; Bromoxynil; D, 2,4-; Euphorbiaceae; Gramineae; Linaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Persistance in Soils; Picloram; Zea Mays - Field Corn; ...4.0175

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; Water Quality - general; .. 4.0192

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

RESEARCH IN METHODS FOR TESTING ECONOMIC POISONS, FEEDS FERTILIZERS AND LIMING MATERIALS ...Aliphatic Carbamates; Chemical Analysis; Organophosphorous Cpds.; Solanum; ...4.0400

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Chemical Properties; Texas; Water Table; ...4.1123

THE MOVEMENT OF TRITIUM IN SOIL-WATER SYSTEMS ...Hydrogen; Iodine; Soil Moisture; Water Pollution Sources; ...5.0078

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE: THE MINERALIZATION OF ORGANIC NITROGEN IN SOILS FROM VOLCANIC MATERIAL ...Alluvium - Alluvial; Humid Climates; Organic Soils -see Soils; Radiation Effects - Biological; Sediment Lithification; Soil Chemical Properties; Soil Organic Content; ...5.0219

Soil Capillarity

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0906

Soil Chemical Properties

GEOCHEMICAL SURVEY OF THE VEGETATION OF MISSOURI ...Air Pollution; Air Pollution -see Specifics; Bioindicators; Missouri; Roads & Highways -see Highways; Soil Minerals -natural; ...1.0331

RELATIONSHIP OF LEAD IN THE AIR, SOIL AND PLANTS TO PROXIMITY TO HIGHWAY TRAFFIC ...Absorption (incl. Adsorption); Air Pollution -see Specifics; Cars; Lead; Roads & Highways -see Highways; Soil Aeration; Wind -see Air Motion; ...1.0368

PLANT AIR POLLUTION STUDIES ON LOSSES, EFFECTS, AND CONTROL AND TECHNICAL ASSISTANCE ON PROBLEMS ...Air Pollution -see Specifics; Losses Due to Pollution; Moisture Deficiency; Pinus Strobus; Temperature - Air; ...1.0408

FATE OF TRACE-METALS (IMPURITIES) IN SUBSOILS AS RELATED TO THE QUALITY OF GROUND WATER ...Agricultural Runoff; Groundwater; Lakes; Soil Fertility; Soil Organic Content; Soil Texture; Tension and Measurement; Water Pollutants - Path of; Water Wells; ...2.0004

FATE OF HARMFUL METALS IN SOIL AND WATER SYSTEMS ...Absorption (incl. Adsorption); Chemical Effects; Formation Principles; Radioisotopes -nonspecific; Soil Microbiology; Water Pollutant Identification; Water Pollution Sources; ...2.0005

TRACE AND TRACER ELEMENTS IN GROUND WATER, PHASE III ...Arizona; Chemical Analysis (water); Groundwater; Industrial Wastes; Lead; Natural Recharge; Water Pollution Sources; Zinc; ...2.0017

SORPTION AND MOVEMENT OF POLLUTED WATER IN SOIL ...Filtration; Groundwater; Pesticide Movement in Soils; Pesticides -nonspecific; Soil Types -also See Specifics; Water Chemistry; ...2.0030

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Moisture; Soil Saline Properties; Soil Structure -other; Water Reuse; ...2.0031

CHARACTERIZATION OF SOIL NONWETTABILITY AND THE DEVELOPMENT OF CRITERIA FOR THE MOST ECONOMIC TREATMENT OF THESE SOILS ...Fire Damage, Recovery; Infiltration; Soil Conditions; Soil Moisture; Soil Types -also See Specifics; Surfactants -see Detergents; ...2.0044

FORTY-YEAR FERTILIZER EFFECTS ON NO3 IN GROUND WATER ...Fertilizers; Groundwater; Soil Moisture; Water Pollutants - Path of; ...2.0045

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Baseflow; Forecasting - Prediction; Model Studies; Reservoirs and Impoundments; Rural Areas; Waste Disposal on Soils; Water Table; ...2.0046

PREDICTION OF MINERAL QUALITY OF RETURN FLOW WATER FROM IRRIGATED LAND ...Computer Models; Effluents - Waste Water; Irrigation; Percolation (water); Water Storage; ...2.0067

FIELD INVESTIGATION OF THE SUBMERSED AQUATIC ENVIRONMENT ...Algae - Chlorophyta; Aquatic Ecology - Animal; Canals; Irrigation; Physical Water Properties; ...2.0072

VEGETATIVE STABILIZATION OF MINE TAILINGS, WASTES, AND SPOILS ...Climates -general; Gramineae -other; Mineral Nutrition; Oil Shale; Setaria; Spoil Banks; ...2.0077

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Freezing & Below; Leaching; Nutrients; Range Management; ...2.0082

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Eutrophic Lakes; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Sediments; ...2.0086

THE QUANTITY & MOVEMENT OF NITRATES IN SOIL WATER IN TWO CONNECTICUT SOILS TREATED WITH HIGH & LOW LEVELS OF INORGANIC NITROGEN FERTILIZER ...Fertilizers; Groundwater; Lysimeters; Soil Depth; Soil Moisture; Tension and Measurement; Zea Mays - Field Corn; ...2.0089

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Moisture; Soil Saline Properties; Water Quality -general; Water Table - Depth of; ...2.0096

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

RURAL RUNOFF CONTROL ...Adsorption; Contamination - Water; Nutrients; Pesticides -nonspecific; ...2.0111

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Biological Water Properties; Chemical Water Properties; Chlorine; Drainage; Fertilizers; Irrigation; Mineralogical Water Properties; Temperature (water); Water Quality -general; ...2.0130

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects - see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

THE FACTOR CONTROLLING THE DYNAMICS OF NONIONIC SYNTHETIC ORGANIC CHEMICALS IN AQUATIC ENVIRONMENTS ...Adsorption; Aquatic Soils; Lakes; Pesticide Aquatic Cycling; Primary Productivity - Plants; Water Chemistry; ...2.0140

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Disturbance; Erosion; Iowa; Location; Methods; Sediment Yield; Sediments; ...2.0145

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles; Infiltration; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Types -also See Specifics; Tillage, Cropping Systems; ...2.0147

EFFECT OF MINERAL ELEMENTS ON YIELD AND COMPOSITION OF CROPS AND ON SOIL CONDITIONS ...Fertilizers; Mineral Nutrition; Mineralogy; Soil Conditions; Water Pollutants - Path of; ...2.0148

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil pH; Soil Water Plant Relationships; Strip Mines, Toxic Minerals; ...2.0159

WATER QUALITY DEGRADATION BY SEPTIC TANK DRAINAGE ...Degradation -see Pesticide Deg; Maine; Phosphorus and Phosphorus Cpds; Septic Tanks; Water Quality Control -general; ...2.0165

CONTROL OR PREVENTION OF SOIL AND WATER POLLUTION FROM FERTILIZERS ...Aquatic Soils; Groundwater; Microorganisms -nonspecific; Rock - Soil Pollution; Soil Microbiology; Water Quality Control -general; ...2.0170

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN MASSACHUSETTS ...Groundwater; Leaching; Massachusetts; Salinity (water); Water Pollutants - Path of; ...2.0183

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; Water Depth, Water Levels; ...2.0205

RESERVOIR SEDIMENTATION ...Aquatic Soils; Chemical Properties; Model Studies; Physical Properties; Reservoirs and Impoundments; Sedimentation; Spillways; ...2.0213

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Location; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Cover Crops; ...2.0215

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Terracing; Zea Mays - Field Corn; ...2.0218

NITRATES IN WATER SUPPLIES ...Animal Wastes - Feed Lots; Fertilizers; Soil Analysis; Waste Disposal on Soils; Water Supply - general; ...2.0222

NITRATES IN PLANTS AND WATER SUPPLIES FROM NITROGEN FERTILIZATION ...Agricultural Runoff; Clay Soils; Groundwater; Soil Depth; Soil Types -also See Specifics; Water Wells; ...2.0223

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Streams; Water Pollution Abatement; ...2.0241

WATER CONTAMINATION BY FERTILIZER NITROGEN AND PHOSPHORUS ...Agricultural Runoff; Fertilizers, Nitrogen and Nitrogen Cpds.; North Carolina; Phosphorus and Phosphorus Cpds; Subsurface Runoff; ...2.0294

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Density; Tension and Measurement; Water Table; ...2.0295

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0308

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Radiochemical Analysis; Water Pollutants - Path of; Water Quality -general; ...2.0314

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research - general; ...2.0329

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Erosion; Oregon; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Surface Active-other; Water Pollutants - Path of; ...2.0330

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Chemical Properties; Eutrophication; Geochemical Analysis (water); Mineralogical Water Properties; Nutrients; Organic Properties; Water Bacteria; ...2.0336

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination; Eastern U. S.; Landfill; Leaching; Pennsylvania; Sanitary Landfills; Water Pollution Abatement; ...2.0348

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Moisture; Water Pollutants - Path of; Water Quality -general; ...2.0349

YIELD OF NUTRIENTS FROM AGRICULTURAL LAND TO WATER SOURCES ...Chemical Analysis (water); Fertilizers; Loam -see Soil Types; Sandy Soils -see Soil Type; Silty Soils; Soil Depth; Soil Types -also See Specifics; ...2.0353

MINIMIZING SOIL AND WATER POLLUTION FROM FERTILIZERS AND IRRIGATION WATERS--RIO GRANDE PLAIN ...Denitrification; Effluents - Waste Water; Groundwater; Rio Grande River; Soil Analysis; Soil Profile; ...2.0391

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Chlorine; Fish; Literature Search; Rock - Soil Pollution; Soil Saline Properties; Virginia; Water Supply Facilities; ...2.0408

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Depth (water); Fish; Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Plankton; ...2.0413

MERCURY UPTAKE AND RELEASE BY BOTTOM SEDIMENTS ...Adsorption; Aquatic Soils; Chemical Properties; Chemical Water Properties; Mercury; Physical Water Properties; Wisconsin; ...2.0446

NUTRIENT ENRICHMENT OF RUN-OFF WATERS BY SOILS. ENRICHMENT POTENTIAL OF URBAN SOILS IN THE CITY OF MADISON ...Forecasting - Prediction; Nutrients; Phosphorus and Phosphorus Cpds; Urban Environment; Wisconsin; ...2.0454

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Computer Models; Drainage; Fertilizers; Impaired Water Use; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Moisture; Soil Water Plant Relationships; ...2.0513

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Acidity (water); Aquatic Soils; Bottom Sampling; Geochemical Analysis (water); Lakes; Mineralogical Properties; Social Aspects; Soil pH; ...2.0606

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Moisture; Water Pollutants - Path of; ...2.0683

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Mineralogical Properties; Salt Water; Thermal Properties; Water Pollution Effects; ...2.0698

OPERATE A NETWORK FOR THE COLLECTION OF PRECIPITATION ...Atmospheric Dynamics; Automatic Weather Stations; Precipitation; Precipitation Instruments; ...2.0708

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Agricultural Runoff; Atrazine; Fertilizers; Irrigation; Leaching; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Tillage, Cropping Systems; ...2.0725

TERRESTRIAL ECOLOGY ...Cesium; Plant Food Chains; Radioisotopes -nonspecific; Rain; Rain Forests; ...2.0768

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes, Mechanism Determination; Pesticides -see Pesticide; Wisconsin; ...2.0858

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl. Adsorption); Arsenic; Chemical Properties; Contamination - Soil; Industrial Wastes; Particulates - Air Pollution; Precipitation; Water Pollutants - Path of; ...2.0862

PHYSICAL-CHEMICAL PHENOMENA ASSOCIATED WITH ORGANO-COLLOIDAL SURFACE INTERACTIONS ...Adsorption; Calorimetry; Colloidal Phenomena; Degradation -see Pesticide Deg; Organic Matter; Spectrographic Techniques; Water Chemistry; Xray Diffraction; ...2.0886

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Leaching; Percolation (water); Soil Analysis; Soil Filters; Soil Organic Content; Soil Texture; Waste Disposal on Soils; ...2.0988

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Diffusion; Groundwater Movement; Organic Matter; Oxidation; Polarography; Septic Tanks; Soil Moisture; ...2.0989

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Chemical Analysis -general; Farm Animal Wastes; Nutrients; Sandy Soils -see Soil Type; Soil Moisture; Soil Organic Content; Sprinkler Irrigation; Water Table; ...2.0994

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Freezing & Below; Low Temp. - But Above 32f; Pinus -nonspecific; Radioisotopes; Soil Moisture; Sprinkler Irrigation; Transpiration and Evap; ...2.1001

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Effluents - Waste Water; Feces; Lagoon; Soil Filters; Soil Structure - other; Waste Disposal on Soils; ...2.1017

ANIMAL WASTE UTILIZATION FOR POLLUTION ABATEMENT ...Agricultural Runoff; Farm Animal Wastes; Livestock - nonspecific; Soil Microbiology; Waste Disposal on Soils; ...2.1053

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Recha; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

DRAIN DESIGN FOR NITRATE REDUCTION IN GROUND WATER ...California; Drainage Engineering; Nitrogen and Nitrogen Cpds.; Soil Organic Content; Water Table - Depth of; ...2.1171

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil pH; Water Table; ...2.1228

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Glaciology; Groundwater; Lysimeters; Ponds; Soil Moisture; Soil Types -also See Specifics; Till; Water Pollutants - Path of; ...2.1285

PROCESSING PLANT EFFLUENTS FOR IRRIGATION IN COASTAL PLAINS OF NORTHEAST ...Biological Effects; Effluents - Waste Water; Food Processing Wastes; Industrial Wastes; Irrigation; Lye; Plant Waste Removal, Treatment; Water Reuse; ...2.1443

WASTE WATER ODOR REDUCTION MECHANISMS IN SOIL FILTERS ...Cellular Physiology- Env. Eff.; Degradation -see Pesticide Deg. Filtration; Soil Bacteria; Soil Filters; Taste & Odor of Water; Water Quality Control -general; ...2.1447

EFFECTS OF LARGE SCALE FOREST FIRES ON WATER QUALITY IN THE INTERIOR OF ALASKA ...Alaska; Chemical Water Properties; Ecological Effects; Fire Damage, Recovery, Fire Research -see Forest Fire; Forest Watersheds; ...2.1474

EFFECTS OF RECENT AND PAST PHOSPHATE FERTILIZATION ON THE AMOUNTS OF PHOSPHORUS PERCOLATING THROUGH SOIL PROFILES INTO SUBSURFACE WATERS ...Adsorption; Fertilizers; Mineralogy; Model Studies; Percolation (water); Soil Analysis; Soil Organic Content; ...2.1616

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content, Tillage, Cropping Systems; Waste Water Treatment - general; Water Pollution Effects; ...2.1665

BACTERIAL ADSORPTION ON SOILS ...Adsorption; Bacterial Pollutant Sources; Forecasting - Prediction; Recharge (water); Soil Moisture; Water Pollutants - Path of; Water Wells; ...2.1737

THE ROLE OF SOIL IN FARM WASTE MANAGEMENT ...Agricultural Runoff; Farm Pond; Sediments; Soil Organic Content; ...3.0001

EFFECTS OF GARBAGE COMPOST ON SOIL AND CROP PRODUCTION ...Avena Sativa; Plant Waste Removal, Treatment; Soil - Crop Relationships; Soil Microbiology; Soil pH; Waste Disposal on Soils; ...3.0003

EVALUATION OF POULTRY MANURE AS A FERTILIZER ...Bos; Cynodon; Fertilizer Losses; Trifolium; ...3.0004

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots; Contamination - Soil; Cynodon; Farm Animal Wastes; Fertilizer Toxicity; Groundwater; Rain; Waste Disposal on Soils; ...3.0005

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...3.0006

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Flume Studies; Irrigation, Planting Methods; Rock - Soil Pollution; Soil Profile; Waste Disposal on Soils; ...3.0008

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Erosion; Graminese -other; Leguminosae; Mine Wastes; Soil Fertility; Soil Moisture; Water Pollution Sources; ...3.0029

ORGANIC MATTER RELATIONSHIPS OF SPOIL BANKS ...Animal Productivity; Forest Litter, Duff & Humus; Quercus; Soil Microbiology; Soil pH; ...3.0033

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

CONSERVATION OF RESOURCES IN MUNICIPAL WASTES ...Bromacil; Cotoran; Pennisetum; Plant Residues, Humus, Compost; Soil - Crop Relationships; Soil Cover Crops; Trifluralin; ...3.0046

WASTE COMPOSTS AS CHELATING AGENTS IN PLANT NUTRITION ...Absorption (incl. Adsorption); Chromatography; Mineral Nutrition; Soil - Crop Relationships; Waste Disposal on Soils; Zinc; ...3.0091

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Chemical Oxygen Demand; Farm Animal Wastes, Lagoon; Noise -see Noise; Recycle Water; Sus; ...3.0145

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; F ...es; Groundwater; Lysimeters; Plowing, Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Microbiology; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0223

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0298

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

UTILIZATION OF FOOD PROCESSING PLANT EFFLUENTS AND THEIR EFFECTS ON SOILS AND CROPS ...Chemical Analysis (water); Food Processing Industries; Mineral Nutrition; Plant Response to Env. -ns; Plant Waste Removal, Treatment; ...3.0335

UTILIZATION OF SOLID WASTES FROM THE COMBUSTION AND MINING OF COAL ...Automotive Application; Combustion; Elastomers; Pavement; Product Development Research; Soil Amendments; Soil pH; ...3.0341

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Aerobic Bacteria; Farm Animal Wastes; Feces; Poultry -nonspecific; Waste Disposal on Soils; ...3.0342

BARK RESIDUES AS SOIL CONDITIONER ...Lycopersicum; Ornamentals; Plant Waste Removal, Treatment; Soil Amendments; Soil Compaction Or Density; Vegetables; ...3.0375

SOIL PRODUCTIVITY AS AFFECTED BY MICROBIAL ACTIVITY IN CROP RESIDUES AND ANIMAL WASTES ...Bioindicators; Patulin; Plant Residues, Humus, Compost; Soil Microbiology; Soil Temp. -non-specific; Stubble Mulching; Triticum; ...3.0389

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Carbon; Chemical Analysis (water); DDT; Paraquat; Pesticide Residues; Planavin; Water Pollutant Identification; ...4.0016

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Pesticide Formulation; Pesticide Toxicity to Microorg. Physical Degradation; ...4.0019

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aq... Cycling; Pesticides -other; Picloram; Simazine; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0040

CHLORINATED ORGANIC CONTAMINANTS IN THE MILWAUKEE RIVER ...Analysis and Detection; Bioassays; Degradation isee Pesticide Deg; Lake Michigan; Organic Water Properties; Polychlorinated Biphenyl Cpds.; ...4.0076

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Cotoran; Leaching; Mams; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Trifluralin; ...4.0079

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon; Mathematical Analysis; Mathematical Models; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticides -see Pesticide; Water Pollutant Identification; Water Pollutants - Path of; ...4.0081

REACTIONS OF TRIAZINE-HERBICIDES WITH SOIL COMPONENTS ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil - Calcareous; Soil Organic Content; ...4.0082

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Loam -see Soil Types; Pesticide Persistance in Soils; Silty Soils; Soil Moisture; Soil Temp. -non-specific; ...4.0084

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Aroclor; DDT; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticides - see Pesticide; Radioisotopes -nonspecific; Soil Organic Content; ...4.0087

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Moisture; Soil Structure; ...4.0088

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides - see Pesticide; Soil Microbiology; Soil Moisture; Soil Temp. -nonspecific; Surfactants - Wetting Agents; ...4.0093

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticide Absorption Rates; Pesticides -nonspecific; Rate of Reaction; Soil Profile; Surfactants - Wetting Agents; Tension and Measurement; ...4.0094

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Nematoda; Pesticide Movement in Soils; Soil Microbiology; ...4.0095

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Endrin; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain; Soil Depth; Trifluralin; ...4.0099

HERBICIDE EQUILIBRIA OF LATOSOLIC SOIL ...Atrazine; Hawaii; Microorganism-see Cell Catab.; Pesticide Interaction With Env; ...4.0101

LONG-TERM EFFECTS OF DIFFERENT SYSTEMS OF WEED CONTROL IN CROP ROTATIONS ON ECOLOGY AND CROP PRODUCT ...Microorganisms -nonspecific; Pesticide Action on Plants; Pesticide Residue Analysis; Soil Microbiology; ...4.0105

STRUCTURAL CHEMISTRY OF SOIL HUMIC SUBSTANCES ...Adsorption; Chelation & Complexing; Hydrolysis, Esterification; Organic Soils -see Soils; Pesticides -nonspecific; Reduction Reactions, Soil Microbiology; ...4.0106

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides - see Pesticide; Simazine; Triazines -nonspecific; Xray Diffraction; ...4.0109

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation, Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Triazines -nonspecific; Xray Diffraction; ...4.0110

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Types -also See Specifics; ...4.0112

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

MOVEMENT, PERSISTENCE AND INTERACTION OF PESTICIDES IN SOILS ...Bioassay; Clay Soils; Dexon; Dieldrin; Environment Accumulation Rates; Leaching; Organic Soils -see Soils; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Prometryne; Vernolate; ...4.0118

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; Zinc; ...4.0120

NEUTRALIZATION REACTIONS IN ACID SOIL AND CLAY SYSTEMS AND THEIR EFFECT ON PLANT GROWTH ...Atrazine; Clay Soils, Plant Tissue Analysis -chem.; Soil pH; ...4.0122

TRANSLOCATION OF PESTICIDES FROM CRANBERRY BOGS TO THEIR SURROUNDINGS ...Aquatic Soils; Ericaceae; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0124

RELATIONSHIP OF PESTICIDES IN SOIL, WATER AND PLANTS ...Contamination - Soil; Herbicides -nonspecific; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Microbiology; Water Pollutants - Path of; ...4.0126

REDUCTION OF HAZARDS ASSOCIATED WITH THE PRESENCE OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Adsorption; Environment Accumulation Rates; Insecticides -nonspecific; Pesticide Persistance in Soils; Pesticide Residues; ...4.0127

CHEMICAL AND PHYSICAL PROPERTIES OF ORGANIC MATTER OF MICHIGAN SOILS ...DDT; Environment Accumulation Rates; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Organic Content; Soil Tillage; Soil Types - also See Specifics; ...4.0128

ENVIRONMENTAL IMPLICATIONS OF PESTICIDE USAGE ...Bioassay; DDT; Environment Accumulation Rates; Leaching; Lindane; Pesticide Movement in Soils; Pesticide Persistance in Soils; ...4.0129

PERSISTENCE AND DETOXIFICATION OF HERBICIDES IN SOIL ...Climates -general; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Aeration; Soil pH; ...4.0136

PERSISTENCE OF HERBICIDES IN SOILS ...Alanap; Gossypium; Pesticide Persistance in Soils; Pesticides Compatibility; Plant Absorption -other; Root Absorption; Soil pH; Translocation; ...4.0137

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil pH; ...4.0141

FATE OF PESTICIDES IN CLAY AND SOIL SYSTEMS ...Clay Soils; Diphenamid; Linuron; Pesticide Persistance in Soils; ...4.0147

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Climates -general; Environment Accumulation Rates; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Moisture; Water Pollutants - Path of; ...4.0155

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Fenuron; Monuron; Pesticide Movement in Soils; Soil Moisture; ...4.0156

CHEMISTRY OF ADSORPTION OF PESTICIDES ON SOIL SILICATES ...Chromatography; Diquat; Humidity; Paraquat; Pesticide Persistance in Soils; Soil pH; ...4.0157

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Na; Soil pH; Soil Texture; ...4.0161

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil pH; Temperature - Air; ...4.0162

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Oregon; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Organic Content; Soil Profile; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Bioassay; Colloids; Pesticide Formulation; Pesticide Persistance in Soils; Pesticide Residues; Plant Tissue Analysis -chem.; Zea Mays - Field Corn; ...4.0167

REPLACEMENT OF CULTIVATION WITH CHEMICALS ...Algae -nonspecific; Bacteria -nonspecific; Chenopodiaceae; Herbicides - nonspecific; Poland; Soil Moisture; Tillage, Cropping Systems; ...4.0168

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

MECHANISM OF ADSORPTION OF VARIOUS HERBICIDES BY SOIL HUMIC SUBSTANCES ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Kinetics; Pesticide Persistance in Soils; Soil Amendments; ...4.0171

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Gossypium; Metabolites From Pesticides; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Piedmont Province; Soil Microbiology; Trifluralin; ...4.0174

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; South Dakota; Water Pollutants - Path of; ...4.0176

THE LOSS OF HERBICIDES FROM SOIL ...Adjuvants; Degradation; Pesticide Volatility; Planavin; ...4.0182

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Organic Content; Soil Temp. -non-specific; Water Quality -general; ...4.0192

FACTORS AFFECTING THE TOXICITY AND SELECTIVITY OF PRE-EMERGENCE SOIL HERBICIDES ...Anaerobic Bacteria; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Pesticide Residues Removal; Pyrazon; Soil Fungi -nonspecific; Soil Types -also See Specifics; ...4.0247

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

QUALITY AND NUTRIENT COMPOSITION OF FOODS TREATED WITH PESTICIDES ...Asparagus; Chemical Analysis; Prunus Persica; Residues in Foods; Zea Mays - Field Corn; ...4.0338

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Cdas; Glycine; Nitrification; Pesticides Compatibility; Rhizosphere; Soil Microbiology; Trifluralin; ...4.0369

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Msma; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

RESPONSE OF PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Amino Triazole; Dalapon; Environment Accumulation Rates; Pesticide Evaluation; Pesticide Residues; Riparian Plants; TCA; ...4.0393

RESEARCH IN METHODS FOR TESTING ECONOMIC POISONS, FEEDS FERTILIZERS AND LIMING MATERIALS ...Aliphatic Carbamates; Chemical Analysis; Organophosphorous Cpds.; Soil Analysis; Solanum; ...4.0400

HERBICIDE EFFECTS ON RESISTANT WEED, CORN, AND ROTATIONAL CROPS IN POLAND ...Avena Sativa; Chemical Analysis; Chlorophyll; Herbicides -nonspecific; Pesticide Persistance in Soils; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Secale; Solanum; Vicia; ...4.0469

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Gossypium; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Sandy Soils -see Soil Type; Temperature - Air; ...4.0487

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

PHYTOTOXICITY OF MSMA RESIDUES AND ARSENIC CONTENT OF FOODS ...Aluminum; Arsenic; Glycine; Msma; Phaseolus; ...4.0960

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Herbicides -nonspecific; Pesticide Residue Analysis; ...4.0992

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganism-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Microbiology; Vapam; ...4.0995

AUTOMATED ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Chlorine; Organophosphorous Cpds.; Pesticide Residues; Residues in Foods; ...4.1005

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENT ...Chemical Analysis; Gas Chromatography; Pesticide Persistance in Soils; Pesticides -nonspecific; ...4.1034

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Dichlobenil; Groundwater; Pesticide Legal Aspects; Pesticide Persistance in Soils; Terbacil; Water Pollutants - Path of; ...4.1091

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Texas; Water Table; ...4.1123

INTERFERING SOIL CONSTITUENTS IN DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND WATER ...Agricultural Runoff; Chemical Analysis; Pesticide Aquatic Cycling; Pesticides - nonspecific; Pesticides -see Pesticide; Soil Types -also See Specifics; ...4.1131

INFLUENCE OF SOIL HEATING ON THE GROWTH AND ELEMENTAL COMPOSITION OF BEAN PLANTS ...High Temp. - 85f Or Above; Mineral Nutrition; Organic Soils -see Soils; Plants; Radioactive Contamination; ...5.0013

A STUDY OF UNSUPPORTED 210 PO ION EXCHANGE IN SOILS, UPTAKE IN VEGETATION AND COMPARISON WITH DIRECT AERIAL DEPOSITION ...Absorption (incl. Adsorption); Polonium; Radioactive Fallout-cf Fallout; Soil Microbiology; Soil Types -also See Specifics; Translocation; ...5.0024

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Adsorption Capacity; Cesium; Composition Controls; Diffraction; Ion Exchange; Mineralogy; Soil Chemistry; X-ray Spectroscopy; ...5.0025

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Air - Water - Plant Relations; Cesium; Environmental Ecology; Food Contamination; Pollution Effects -see Water; Radioactive Contamination; Radiologic Health; ...5.0031

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - II. MOVEMENT OF RADIONUCLIDE IONS IN SOILS ...Absorption (incl. Adsorption); Mathematical Models; Radioisotopes; Strontium; ...5.0039

DEVELOP TECHNIQUES FOR DECONTAMINATING SOILS POLLUTED WITH RADIOACTIVE MATERIALS OR HEAVY METALS ...Bioindic. tors; Lead; Mineral Nutrition; Radiation Effects -see Rad.; Radioactive Contamination; Zea Mays - Field Corn; ...5.0041

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOCATIVE MATERIALS ...Absorption (incl. Adsorption); Ion Transport and Elect. Pot.; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Soil Tillage; X and Gamma Rays; ...5.0043

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Microbiology; Soil Organic Content; Soil Types - also See Specifics; Tracers; ...5.0063

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

ENVIRONMENTAL RADIATION STUDIES - EVALUATION OF NUTRIENT AND FISSION PRODUCT DISTRIBUTION AND MOVEMENT IN TERRESTRIAL ENVIRONMENTS ...Ponds; Radioactive Contamination; Radioecology - Plants; Radioisotopes -nonspecific; ...5.0076

FIXATION REACTIONS ...Radiation Effects - Biological; Radioactive Contamination; Radioisotopes -nonspecific; ...5.0077

CHARACTERISTICS OF HANFORD PROJECT SOILS ...Arid and Desert Regions; Disease Resistance; Microorganisms -nonspecific; Reactor Sites & Rad Waste; Soil Amendments; Soil Microbiology; Soil Organic Content; ...5.0085

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Dust; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Mineralogy; Radioactivity; Troposphere; ...5.0089

A SURVEY OF CHEMICAL AND PHYSICAL PROPERTIES OF SOILS AT THE NEVADA TEST SITE ...Arid and Desert Regions; Nevada; Plant Species Diversity; Soil Types -also See Specifics; ...5.0153

FISSION PRODUCT CYCLES IN AN AGRICULTURAL SYSTEM - VALIDATION OF MODEL ...Lycopersicum; Models of Biological Systems; Radioactive Contamination; Strontium; Vegetables; ...5.0154

BEHAVIOR OF CERTAIN SYNTHETIC CHELATING AGENTS IN BIOLOGICAL AND SOIL SYSTEMS ...Absorption (incl. Adsorption); Chelation & Complexing; Mineral Nutrition; Radiation Effects -see Rad.; Translocation; ...5.0161

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE: THE MINERALIZATION OF ORGANIC NITROGEN IN SOILS FROM VOLCANIC MATERIAL ...Alluvium - Alluvial; Humid Climates; Organic Soils -see Soils; Radiation Effects - Biological; Sediment Lithific. tion; Soil Organic Content; ...5.0219

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation; Bos; Cricetidae -other; Felidae; Forest Environment -general; Radioactive Fallout-cf Fallout; Vertebrates Excl. Man; ...5.0258

EQUIPMENT AND METHODS FOR DECONTAMINATION OF AGRICULTURAL LANDS CONTAMINATED BY RADIOACTIVE FALLOUT ...Deep Plowing; Plowing; Radioactive Contamination; Seedbed Preparation; Soil Depth; Soil Tillage; Waste Disposal on Soils; ...5.0355

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Succession; Radiation Effects -see Rad.; Radioactive Contamination; Radioecology - Plants; Soil - Crop Relationships; Soil Environment -other; Translocation; ...5.0422

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Beta Particles; Plant Biomes; Plant Succession; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioecology - Plants; Soil Microbiology; Wisconsin; ...5.0542

THE CYCLING OF MICRONUTRIENTS IN GEOCHEMICAL AND BIOLOGICAL SYSTEMS ...Absorption (incl. Adsorption); Medicago; Mineralogical Water Properties; Translocation; Zinc; ...5.0868

Soil Compaction Or Density

ENGINEERING PROPERTIES OF COMPACTED ASH FILLS ...Burning; Combustion; Construction Materials; Engineering Mechanics; Materials -properties; ...3.0179

BARK RESIDUES AS SOIL CONDITIONER ...Lycopersicum; Ornamentals; Plant Waste Removal, Treatment; Soil Amendments; Vegetables; ...3.0375

SOIL FUMIGANT CHEMICALS AND THEIR EFFECTS ON SOIL MICROFLORA ...Bacteria -nonspecific; Nematoda; Pesticide Phytotoxicity; Plant Pathogenetic Fungi; Soil Depth; Soil Microbiology; Soil Moisture; ...4.0107

THE EFFECT OF HERBICIDES ON GROWTH, YIELD, AND LONGEVITY OF PEACH TREES ...Fruit, Nut, and Berry Crops; Herbicides -nonspecific; Management Effects; Pesticide Phytotoxicity; ...4.0285

PRINCIPLES AND PRACTICES FOR CONTROL OF JOHNSONGRASS IN SOYBEANS ...Alanap; Diuron; Formulations -nonspecific; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Phytotoxicity; ...4.0391

MACHINES FOR ESTABLISHMENT AND MANAGEMENT OF CROPS AND PASTURE ...Benefin; Eptam; Pesticide Evaluation; 2,4-db; ...4.0515

Soil Conditions

ATMOSPHERIC DIFFUSION OF RADON ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Tracers; Urban Research - general; Wind; ...1.0910

CHARACTERIZATION OF SOIL NONWETTABILITY AND THE DEVELOPMENT OF CRITERIA FOR THE MOST ECONOMIC TREATMENT OF THESE SOILS ...Fire Damage, Recovery; Infiltration; Soil Moisture; Soil Types -also See Specifics; Surfactants - see Detergents; ...2.0044

EFFECT OF MINERAL ELEMENTS ON YIELD AND COMPOSITION OF CROPS AND ON SOIL CONDITIONS ...Fertilizers; Mineral Nutrition; Mineralogy; Soil Chemical Properties; Water Pollutants - Path of; ...2.0148

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Effluents - Waste Water; Feces; Lagoon; Soil Chemical Properties; Soil Filters; Soil Structure -other; Waste Disposal on Soils; ...2.1017

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources; Chemical Water Properties; Forecasting - Prediction; Mathematical Models; Planning; Rain; Runoff (water); Soil Types -also See Specifics; Water Quality Control -general; ...2.1711

Soil Conservation-see Conserv.

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Streams; Suspension; Watersheds; ...2.0214

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general, Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general, Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHA-

BILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion, Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Agricultural Runoff; Climates -general; Conservation -see Soil Conser.; Land Use; Sediment Yield; Small Watersheds; Soil Cover Crops; Thunderstorms; ...2.0387

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

Soil Cover Crops

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Streams; Water Resources Planning; ...2.0080

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines, Toxic Minerals; ...2.0159

RELATION OF AGRICULTURAL PRACTICES AND NATURAL VEGETATION TO NUTRIENT CONTENT OF WATERS ...Agricultural Runoff; Management (water); Plant Residues, Humus, Compost; Rainfall Simulators; Water Pollutants - Path of; ...2.0209

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Location; Physical Properties; Rate of Deposition, Runoff (water); Sediment Yield; Soil Chemical Properties; ...2.0215

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks, Turbidity (water); Water Temperature Recorders; ...2.0229

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research -general; ...2.0329

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Agricultural Runoff; Climates -general; Conservation -see Soil Conser.; Land Use; Sediment Yield; Small Watersheds; Thunderstorms; ...2.0387

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Forecasting - Prediction; Forest Debris; Lumbering -general; Roads & Highways -see Highways; Sediments; Solar Radiation - sunshine; ...2.0746

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Recha; Sewage; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Groundwater; Mineralogical Water Properties; Sprinkler Irrigation; Water Application Methods; Water Quality Control -general; ...2.1418

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; Lakes; North Carolina; Surveying; Urban Research -general; Water Quality -general; Water Yield; Weather Data; ...2.1892

CONSERVATION OF RESOURCES IN MUNICIPAL WASTES ...Bromacil; Cotoran; Pennisetum; Plant Residues, Humus, Compost; Soil - Crop Relationships; Trifluralin; ...3.0046

STABILIZATION OF PLANT TAILINGS ...Erosion; Mine Wastes; Mineral Processing Industry; Wind Erosion; ...3.0327

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Coronilla; Farm Animal Wastes; Fertilizer Industry; Mineral Nutrition; Roads & Highways -see Highways; Soil Amendments; Soil Microbiology; Waste Disposal on Soils; ...3.0399

APPLICATION PRINCIPLES AND DESIGN REQUIREMENTS FOR WEED CONTROL EQUIPMENT ...Cultural Control; Mulches; Oryzeae; Pesticide Application Equip.; Pesticide Drift; Pesticide Evaluation; Physical Control; ...4.0222

FERTILITY OF FOREST NURSERY SOILS ...Aluminum; Cold Resistance; Forest Pathology; Maneb; Pesticide Phytotoxicity; Plant Residues, Humus, Compost; ...4.0517

DEVELOP METHOD OF REMOVING RADIO-ACTIVE CONTAMINANTS FROM AGRICULTURAL LAND ...Absorption (incl. Adsorption); Pesticides -other; Radioactive Fallout-cf Fallout; Zea Mays - Field Corn; ...5.0040

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

RECOVERY OF A TROPICAL RAIN FOREST FOLLOWING EXPOSURE TO GAMMA RADIATON ...Dominant Organisms; Moraceae; Plants; Radiation Resistance; Rain Forests; X and Gamma Rays; ...5.0544

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels, Altitude; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Streams; ...6.0041

Soil Cover for Wildlife

THE BEHAVIOR OF SMALLMOUTH BASS AS RELATED TO ARTIFICIAL COVER ...Acidity (water); Aquatic Ecology - Animal; Fish Food Supply -other; Mining Industry; Population Dynamics -general; Water Pollutant Identification; ...2.0762

FISH AND FOOD ORGANISMS IN MINE ACID WATERS OF PENNSYLVANIA ...Acid Mine Drainage; Alkalinity (water); Behavior -vertebrate; Chemical Effects; Fish; Physiological Effects; ...2.1691

Soil Density

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Forest Watersheds; Hydrographs; Piedmont Province; Rainfall - Runoff Relationship; Slope; Soil Moisture; Water Table; ...2.0113

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Tension and Measurement; Water Table; ...2.0295

Soil Depth

THE QUANTITY & MOVEMENT OF NITRATES IN SOIL WATER IN TWO CONNECTICUT SOILS TREATED WITH HIGH & LOW LEVELS OF INORGANIC NITROGEN FERTILIZER ...Fertilizers; Groundwater; Lysimeters; Soil Moisture; Tension and Measurement; Zea Mays - Field Corn; ...2.0089

NITRATES IN PLANTS AND WATER SUPPLIES FROM NITROGEN FERTILIZATION ...Agricultural Runoff; Clay Soils; Groundwater; Soil Types -also See Specifics; Water Wells; ...2.0223

YIELD OF NUTRIENTS FROM AGRICULTURAL LAND TO WATER SOURCES ...Chemical Analysis (water); Fertilizers; Loam -see Soil Types; Sandy Soils -see Soil Type; Silty Soils; Soil Types -also See Specifics; ...2.0353

WATER QUALITY HYDROLOGY OF LANDS RECEIVING FARM ANIMAL WASTES ...Agricultural Runoff; Bos; Farm Animal Wastes; Plowing; Waste Disposal on Soils; ...2.0379

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Leaching; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Filters; Soil Organic Content; Soil Texture; Waste Disposal on Soils; ...2.0988

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Forecasting - Prediction; Fruit, Nut, and Berry Crops; Soil Types - also See Specifics; Water Table; ...2.1227

CROP RESIDUE DISPOSAL ...Gossypium; Loam -see Soil Types; Plant Residues, Humus, Compost; Plant Waste Removal, Treatment; Planting Methods; Sandy Soils -see Soil Type; Soil Types - also See Specifics; ...3.0199

SUBSURFACE DISPOSAL OF ANIMAL MANURE ...Animal Wastes - Feed Lots; Chlorine; Denitrification; Farm Animal Wastes; Feces; Plant Tissue Analysis -chem.; Soil Fertility; Waste Disposal, Underground; ...3.0296

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Moisture; Soil Structure -other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Vcs-438; ...4.0069

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; Atrazine; Bioassay; Cotoran; Leaching; Msma; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Trifluralin; ...4.0079

PRELIMINARY EXPLORATORY CITRUS RESEARCH AT CITRUS EXPERIMENT STATION ...Aliphatic Carbamates; Fruit, Nut, and Berry Crops; Literature Search; Pesticide Formulation; Pesticide Residues; ...4.0096

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam -see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Endrin; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain; Soil Chemical Properties; Trifluralin; ...4.0099

SOIL FUMIGANT CHEMICALS AND THEIR EFFECTS ON SOIL MICROFLORA ...Bacteria -nonspecific; Nematoda; Pesticide Phytotoxicity; Plant Pathogenetic Fungi; Soil Microbiology; Soil Moisture; ...4.0107

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules; Liquids Or Sprays; Mulches; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Tillage, Cropping Systems; Zea Mays - Field Corn; ...4.0138

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Vegetables; ...4.0186

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0288

ETIOLOGY OF MERCURIAL PHYTOTOXICITY (FAT LEG) OF SEED PEANUTS ...Arachis; Chlorine; Herbicides and Other Chem; Mercury, Metal Organics -nonspecific; Pesticide Phytotoxicity; Soil Temp. -non-specific; ...4.0290

WEED CONTROL IN PLANT INDUSTRY ...Capsicum; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Sirmate; Tillam; Vegetables; ...4.0291

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Msma; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; ...4.0385

SUGAR BEETS FOR PENNSYLVANIA ...Chenopodiaceae; Irrigation; Pesticide Residues; Soil Fertility; ...4.0462

MACHINES FOR ESTABLISHMENT AND MANAGEMENT OF CROPS AND PASTURE ...Benefin; Eptam; Pesticide Evaluation; Soil Compaction Or Density; 2,4-db; ...4.0515

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

DEVELOP METHOD OF REMOVING RADIO-ACTIVE CONTAMINANTS FROM AGRICULTURAL LAND ...Absorption (incl. Adsorption); Pesticides -other; Radioactive Fallout-cf Fallout; Soil Cover Crops; Zea Mays - Field Corn; ...5.0040

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOCATIVE MATERIALS ...Absorption (incl. Adsorption); Ion Transport and Elect. Pot.; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Soil Tillage; X and Gamma Rays; ...5.0043

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Arid and Desert Regions; Clay Soils; Mineral Nutrition; Plants; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Soil Moisture; X and Gamma Rays; ...1.0159

EQUIPMENT AND METHODS FOR DECONTAMINATION OF AGRICULTURAL LANDS CONTAMINATED BY RADIOACTIVE FALLOUT ...Deep Plowing; Plowing; Radioactive Contamination; Seedbed Preparation; Soil Chemical Properties; Soil Tillage; Waste Disposal on Soils; ...5.0355

Soil Ecology

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

SIGNIFICANCE OF ARTHROBACTER IN ECOLOGY OF WATER AND SOIL ...Arthrobacter; Cellular Catabolism-see Degrad; Dominant Organisms; Moisture; Plant Resistance; Soil Microbiology; Water Bacteria; ...2.1136

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Carbon; Chemical Analysis; Growth Substances; Metabolism of Algacides; Pesticide Degradation -see Deg; Plant Growth Regulators -ns.; Soil Microbiology; Triazines -nonspecific; ...4.0139

Soil Engineering Properties

Compressibility

ENGINEERING PROPERTIES OF COMPACTED ASH FILLS ...Burning; Combustion; Construction Materials; Engineering Mechanics; Materials -properties; Soil Compaction Or Density; ...3.0179

Flow

ENGINEERING GEOLOGY RECONNAISSANCE STUDIES OF COASTAL COMMUNITIES, ALASKA ...Alaska; Environmental Hazards; Harbors; Marine Geology; Mass Wasting, Geological; Seismology; Tectonics; Waves -see Ocean Waves; ...2.0065

Load Behavior

SOIL ENGINEERING RESEARCH ...California; Environmental Hazards; San Francisco Bay; Soil Loads; Tectonics; ...2.0039

Plasticity

CLAY-WATER SYSTEMS IN RELATION TO ENGINEERING PROPERTIES OF CLAY MATERIALS ...Clay Soils; Infiltration; Mass Wasting, Geological; Septic Tanks; Size; Suburban Areas; Urban Research -general; ...3.0050

Stability

SOIL ENGINEERING RESEARCH ...California; Environmental Hazards; San Francisco Bay; Soil Loads; Tectonics; ...2.0039

EVALUATION OF PROPERTIES AND QUALITIES OF ORFGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research -general; ...2.0329

CLAY-WATER SYSTEMS IN RELATION TO ENGINEERING PROPERTIES OF CLAY MATERIALS ...Clay Soils; Infiltration; Mass Wasting, Geological; Septic Tanks; Size; Suburban Areas; Urban Research -general; ...3.0050

Soil Environment -other

BREEDING TREES RESISTANT TO AIR POLLUTANTS ...Air Pollution -see Specifics; Ornamentals; Pinus Sylvestris; Plant Resistance; Plant Response to Env. -ns; Pollutant Resistance; Sulfur Dioxide; ...1.0417

ORGANIC MATTER RELATIONSHIPS OF SPOIL BANKS ...Animal Productivity; Forest Litter, Duff & Humus; Quercus; Soil Chemical Properties; Soil Microbiology; Soil pH; ...3.0033

CELLULOSE DEGRADATION IN COMPOSTING ...Plant Residues, Humus, Compost; Soil Microbiology; Soil Organic Content; Urban Environment; Waste Disposal on Soils; ...3.0229

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Solanum; Trifluralin; Vegetables; ...4.0103

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Rain; Sulfhydryl Compounds; Vegetables; ...4.0309

HERBICIDES FOR VEGETABLES ...Allium; Cucumis Sativus; Fungal Resistance; Pesticide Evaluation; Plant Resistance; Tok; Virus Resistance; ...4.0420

WEED CONTROL STUDIES WITH HORTICULTURAL CROPS ...Amino Triazole; Dichlobenil; Paraquat; Pesticide Application Rates; Pesticide Interaction With Env; Vegetables; Zea Mays - Sweet Corn; ...4.0438

METHODS AND MATERIALS FOR WEED CONTROL IN FRUIT AND VEGETABLE CROPS ...Alachlor; Amiben; Cuaa; Cucumis Sativus; Maloran; Pesticide Interaction With Env; Phaseolus; Plant Resistance; Preventative Measures; Pyrazon; Solanum; Vernolate; ...4.0516

CYCLING AND EFFECTS OF CL36 LABELED DDT ON SOIL INVERTEBRATES IN AN OLD FIELD COMMUNITY ...Chemical Analysis; DDT; Invertebrates -nonspecific; Pesticide in Food Chains; ...4.1085

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Succession; Radiation Effects -see Rad.; Radioactive Contamination; Radioecology - Plants; Soil - Crop Relationships; Translocation; ...5.0422

Soil Fertility

FIELD BURNING AIR POLLUTION ABATEMENT INVESTIGATIONS ...Air Pollution -see Specifics; General Sanitation Methods; Herbicides -nonspecific; Plant Residues, Humus, Compost; Planting Methods; Temperature - Air; ...1.0623

FATE OF TRACE-METALS (IMPURITIES) IN SUBSOILS AS RELATED TO THE QUALITY OF GROUND WATER ...Agricultural Runoff; Groundwater; Lakes; Soil Chemical Properties; Soil Organic Content; Soil Texture; Tension and Measurement; Water Pollutants - Path of; Water Wells; ...2.0004

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Animal Wastes - Feed Lots; Contamination - Soil; Fertilizers; Nutrients; Percolation (water); Soil Analysis; Soil Minerals -natural; Water Pollutants - Path of; ...2.0081

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Tillage; Water Properties - general; Weathering Products; ...2.0087

THE QUANTITY & MOVEMENT OF NITRATES IN SOIL WATER IN TWO CONNECTICUT SOILS TREATED WITH HIGH & LOW LEVELS OF INORGANIC NITROGEN FERTILIZER ...Fertilizers; Groundwater; Lysimeters; Soil Depth; Soil Moisture; Tension and Measurement; Zea Mays - Field Corn; ...2.0089

EFFECT OF MINERAL ELEMENTS ON YIELD AND COMPOSITION OF CROPS AND ON SOIL CONDITIONS ...Fertilizers; Mineral Nutrition; Mineralogy; Soil Chemical Properties; Soil Conditions; Water Pollutants - Path of; ...2.0148

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Erosion; Forecasting - Prediction; Leaching; Model Studies; Nitrogen and Nitrogen Cpds.; Rain; Soil Moisture; Temperature - Air; ...2.0250

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Organic Content; Triticum; ...2.0269

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality - general; ...2.0349

GEOCHEMISTRY OF WATERS OF THE HOG CREEK BASIN - HAMILTON, CORYELL, AND BOSQUE COUNTIES, TEXAS ...Agricultural Runoff; Animal Pollutant Sources; Chemical Water Properties; Geology -general; Plant Pollutants; Texas; ...2.0826

THE INFLUENCE OF SOILS ON POLLUTION ...Adsorption; Drainage; Nutrients; Pesticide Degradation -see Deg; Pesticides - nonspecific; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1046

INVESTIGATION OF RICE IRRIGATION RETURN FLOWS - TEXAS COASTAL PRAIRIE REGION ...Agricultural Runoff; Fertilizers; Irrigation; Pesticides -nonspecific; Water Quality - general; ...2.1421

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER ...Analysis and Detection; Herbicides -nonspecific; Liquids; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reflection; Water; ...2.1618

INFLUENCE OF FERTILIZER PRACTICES ON WATER AND THE QUALITY OF THE ENVIRONMENT ...Animal Wastes - Feed Lots; Groundwater; Man; Pollutional Activities; Soil - Crop Relationships; Soil Nutrient Cycling; Water Table; ...2.1635

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Erosion; Gramineae -other; Leguminosae; Mine Wastes; Soil Chemical Properties; Soil Moisture; Water Pollution Sources; ...3.0029

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Bos; Irrigation; Rainfall - Runoff Relationship; Water Wells; ...3.0148

SUBSURFACE DISPOSAL OF ANIMAL MANURE ...Animal Wastes - Feed Lots; Chlorine; Denitrification; Farm Animal Wastes; Feces; Plant Tissue Analysis -chem.; Waste Disposal, Underground; ...3.0296

EFFECTS OF GARBAGE COMPOST ON SOIL PROCESSES ...Florida; Nitrification; Soil Amendments; Soil Microbiology; Soil Organic Content; Waste Disposal on Soils; ...3.0366

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Climates -general; Environment Accumulation Rates; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...4.0155

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

THE INFLUENCE OF CULTURAL PRACTICE COMBINATIONS ON THE YIELD AND QUALITY OF COTTON ...Carbamates - nonspecific; Insecticides -nonspecific; Pesticide Action on Plants; Petroleum Cpds. -nonspecific; ...4.0214

WEED CONTROL IN HORTICULTURAL CROPS ...Alachlor; Bioassay; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Linuron; Maloran; Pesticide Persistance in Soils; Phaseolus; Plant Resistance; Pyrus Communis; Terbacil; Vigna; ...4.0218

PRODUCTION AND QUALITY OF APPLES IN HIGH DENSITY PLANTINGS USING DWARFING ROOTSTOCKS ...B9; Fruit, Nut, and Berry Crops; Irrigation; Pathological Physiology; Pesticide Phytotoxicity; Phytophthora; Pyrus Malus; ...4.0250

RELATION OF CHEMICALS AND CULTURE TO RESPONSE OF FRUIT PLANTS ...Bioassay; Carya; Fruit, Nut, and Berry Crops; Growth Substances; Herbicides and Other Chem; Photosynthesis; Radioisotopes -nonspecific; Tiba; ...4.0315

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops - general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Vitaceae; ...4.0323

USE OF HERBICIDES TO CONTROL WEEDS IN FORAGES ...Benefin; Cipc; Diquat; Fertilizers; Medicago; Planavin; Trifluralin; ...4.0350

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

SUGAR BEETS FOR PENNSYLVANIA ...Chenopodiaceae; Irrigation; Pesticide Residues; Soil Depth; ...4.0462

FERTILITY OF FOREST NURSERY SOILS ...Aluminum; Cold Resistance; Forest Pathology; Maneb; Pesticide Phytotoxicity; Plant Residues, Humus, Compost; Soil Cover Crops; ...4.0517

DETERMINE METHODS OF DIFFUSION OF IDEAS AND DO FURTHER DEPTH ANALYSIS OF DIFFUSION PROCESS ...Consumer Attitudes- Pesticides; Pesticide Industry; Pesticides - nonspecific; Rural Sociology; ...4.0946

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganism-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Soil Microbiology; Vapam; ...4.0995

COLLABORATIVE STUDIES OF ANALYTICAL METHODS ...Chemical Analysis; Home Economics; Pesticides -nonspecific; Plant Tissue Analysis -chem.; ...4.1011

Soil Loads

SOIL ENGINEERING RESEARCH ...California; Environmental Hazards; San Francisco Bay; Tectonics; ...2.0039

Soil Microbiology

EFFECT OF AIR POLLUTION - MICROBES IN VIVO AND IN VITRO ...Air Pollution -see Specifics; Cellular Viability; Microorganisms -nonspecific; Soil Fungi -nonspecific; Sulfur Dioxide; ...1.0379

EFFECT OF NATURAL GAS ON SOIL ECO-SYSTEMS IN AN URBAN ENVIRONMENT ...Air Pollution -see Specifics; Fuels; Leakage; Soil Analysis; Urban Environment; ...1.0393

FATE OF HARMFUL METALS IN SOIL AND WATER SYSTEMS ...Absorption (incl. Adsorption); Chemical Effects; Formation Principles; Radioisotopes -nonspecific; Water Pollutant Identification; Water Pollution Sources; ...2.0005

FATE OF SURFACE-APPLIED NITROGEN FERTILIZERS ...Agricultural Runoff; Fertilizer Losses; Microorganisms -nonspecific; Non-symbiotic N-fixation; Water Pollutants - Path of; ...2.0141

CONTROL OR PREVENTION OF SOIL AND WATER POLLUTION FROM FERTILIZERS ...Aquatic Soils; Groundwater; Microorganisms -nonspecific; Rock - Soil Pollution; Soil Chemical Properties; Water Quality Control -general; ...2.0170

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Contamination - Soil; Farm Animal Wastes; Groundwater; Snowmelt Runoff; Urine; Water Pollutants - Path of; ...2.0242

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies, Urban Research -general; ...2.0329

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection; Chemical Water Properties; Growth; Lakes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Stratification (water); Temperature; ...2.0448

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Computer Models; Drainage; Fertilizers; Impaired Water Use; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Moisture; Soil Water Plant Relationships; ...2.0513

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Water Pollutant Identification; ...2.0571

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

DENITRIFICATION AS A PATHWAY FOR NITRATE REMOVAL IN RIVERS AND PONDS ...Carbon; Denitrification; Organic Water Properties; Population Dynamics -general; Temperature; Water Properties -general; ...2.1016

ANIMAL WASTE UTILIZATION FOR POLLUTION ABATEMENT ...Agricultural Runoff; Farm Animal Wastes; Livestock - nonspecific; Waste Disposal on Soils; ...2.1053

SIGNIFICANCE OF ARTHROBACTER IN ECOLOGY OF WATER AND SOIL ...Arthrobacter; Cellular Catabolism-see Degrad; Dominant Organisms; Moisture; Plant Resistance; Soil Ecology; Water Bacteria; ...2.1136

MYCOLOGICAL PHENOMENA IN SEWAGE SPREADING BASINS ...Activated; Cellular Catabolism-see Degrad; Environmental Factors; Sewage; Soil Bacteria; Waste Disposal on Soils; ...2.1185

MICROBIAL TRANSFORMATION OF POULTRY LITTER AND ITS RELATION TO WATER POLLUTION ...Agricultural Runoff; Cellular Catabolism-see Degrad; Groundwater; Nitrogen Bacteria; ...2.1232

EFFECTS OF GARBAGE COMPOST ON SOIL AND CROP PRODUCTION ...Avena Sativa; Plant Waste Removal, Treatment; Soil - Crop Relationships; Soil Chemical Properties; Soil pH; Waste Disposal on Soils; ...3.0003

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Erosion; Graminese -other; Leguminosae; Mine Wastes; Soil Chemical Properties; Soil Fertility; Soil Moisture; Water Pollution Sources; ...3.0029

ORGANIC MATTER RELATIONSHIPS OF SPOIL BANKS ...Animal Productivity; Forest Litter, Duff & Humus; Quercus; Soil Chemical Properties; Soil pH; ...3.0033

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0223

CELLULOSE DEGRADATION IN COMPOSTING ...Plant Residues, Humus, Compost; Soil Environment -other, Soil Organic Content; Urban Environment; Waste Disposal on Soils; ...3.0229

WASTE DISPOSAL ...Aerobic Bacteria; Animal Wastes - Feed Lots; Clostridia; Farm Animal Wastes; Methane Bacteria -nonspecific; Sewage Bacteria; Temperature - Air; ...3.0233

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Animal Wastes - Feed Lots; Denitrification; Lime Treatment; ...3.0237

ULTIMATE DISPOSAL OF SLUDGES BY SURFACE SPREADING ...Dewatering; Disposal; Oxidation; Percolation (water); Pipelines; Soil Types -also See Specifics; Waste Disposal on Soils; ...3.0259

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0298

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Contamination - Soil; Farm Animal Wastes; Groundwater; Playas; Rock - Soil Pollution; Sorghum; Water Pollutants - Path of; ...3.0320

EFFECTS OF GARBAGE COMPOST ON SOIL PROCESSES ...Florida; Nitrification; Soil Amendments; Soil Organic Content; Waste Disposal on Soils; ...3.0366

SOIL PRODUCTIVITY AS AFFECTED BY MICROBIAL ACTIVITY IN CROP RESIDUES AND ANIMAL WASTES ...Bioindicators; Patulin; Plant Residues, Humus, Compost; Soil Chemical Properties; Soil Temp. -non-specific; Stubble Mulching; Triticum; ...3.0389

WOOD RESIDUE PRODUCTION AND FEASIBILITY OF CONVERSION TO A SALEABLE PRODUCT ...Contamination - Soil; Economic Feasibility; Forest Environment -general; Forest Industry; Industrial Pollution -general; ...3.0394

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Coronilla; Farm Animal Wastes; Fertilizer Industry; Mineral Nutrition; Roads & Highways -see Highways; Soil Amendments; Waste Disposal on Soils; ...3.0399

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Pesticide Formulation; Pesticide Toxicity to Microorg; Physical Degradation; Soil Chemical Properties; ...4.0019

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Low Temp. - But Above 32f; Pesticide Action on Plants; Pesticide Residues; Plant Resistance; Translocation; ...4.0032

DISPOSING OF SURPLUS PESTICIDES AND PESTICIDE CONTAINERS ...Chemical Degradation; Disposal; Herbicides -nonspecific; Insecticides -nonspecific; Nematocides -nonspecific; Pesticide Residues Removal; Waste Type; ...4.0046

INTERACTIONS OF SOIL MICROORGANISMS AND HERBICIDES ...Cellular Catabolism-see Degrad; Diquat; Paraquat; Rhizoctonia; Trifluralin; ...4.0077

HERBICIDE EFFECT ON SOIL MICROORGANISMS ESPECIALLY INTERACTIONS WITH PHYTOPATHOGENIC FUNGI ...Atrazine; Diuron; Fusarium; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Toxicity to Microorg; Pythium; Sclerotinia; ...4.0078

INFLUENCE OF SELECTED HERBICIDES ON THE NATURAL PROCESSES OF SOIL MICROORGANISMS ...Atrazine; Loam - see Soil Types; Pesticide Application Rates; Pesticide Toxicity to Microorg; ...4.0080

INSECTICIDE DECONTAMINATION OF COLORADO SOILS BY UTILIZATION OF ANIMAL WASTES ...Chlorinated Hydrocarbons; Contamination - Soil; Insecticides -nonspecific; Microorganisms -nonspecific; Pesticide Persistance in Soils; Pesticide Residues Removal; ...4.0092

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides - see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Nematoda; Pesticide Movement in Soils; Soil Chemical Properties; ...4.0095

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam - see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Organic Content; ...4.0097

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Moisture; Trifluralin; ...4.0098

LONG-TERM EFFECTS OF DIFFERENT SYSTEMS OF WEED CONTROL IN CROP ROTATIONS ON ECOLOGY AND CROP PRODUCT ...Microorganisms -nonspecific; Pesticide Action on Plants; Pesticide Residue Analysis; Soil Chemical Properties; ...4.0105

STRUCTURAL CHEMISTRY OF SOIL HUMIC SUBSTANCES ...Adsorption; Chelation & Complexing; Hydrolysis, Esterification; Organic Soils -see Soils; Pesticides -nonspecific; Reduction Reactions; Soil Chemical Properties; ...4.0106

SOIL FUMIGANT CHEMICALS AND THEIR EFFECTS ON SOIL MICROFLORA ...Bacteria -nonspecific; Nematoda; Pesticide Phytotoxicity; Plant Pathogenetic Fungi; Soil Depth; Soil Moisture; ...4.0107

SOIL INVERTEBRATES INFLUENCE ON CORN RESIDUES ...Arthropods; Minimum Tillage; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Planting Methods; Population Dynamics -general; ...4.0108

MICROBIOLOGY AND BIOCHEMISTRY OF PESTICIDES IN SOIL ...Actinomycetes -nonspecific; Azobenzene; Cipc; Fusarium; Pesticide Degradation -see Deg; Propanil; ...4.0117

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Gas Chromatography; Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

INSECTS INFESTING FIELD AND TRUCK CROPS ...Granules, Capsules; Insecticides -nonspecific; Low Volume; Organophosphorous Cpds.; Pesticide Evaluation; ...4.0125

RELATIONSHIP OF PESTICIDES IN SOIL, WATER AND PLANTS ...Contamination - Soil; Herbicides -nonspecific; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0126

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Insecticides -nonspecific; Pesticide Degradation -see Deg; Urea Cpds. -nonspecific; ...4.0134

EFFECT OF PESTICIDE USAGE ON SOIL MICROFLORA IN AGRONOMIC AND HORTICULTURAL CROPS ...Microorganisms -nonspecific; Pesticide Degradation -see Deg; Pesticide Evaluation; Pesticide Toxicity to Microorg; Pesticides -nonspecific; ...4.0135

THE USE AND FATE OF BIOREGULANTS ...Algae -nonspecific; Bioassay; Carbon, Chemical Analysis; Growth Substances; Metabolism of Algacides, Pesticide Degradation -see Deg; Plant Growth Regulators -ns.; Soil Ecology; Triazines -nonspecific; ...4.0139

THE INTERACTION OF MICROORGANISMS AND PESTICIDES ...Cellular Catabolism-see Degrad; Fungicides -nonspecific; Herbicides -nonspecific; Microorganism-see Cell. Catab.; Pesticide Degradation -see Deg; Pesticide Interaction -gen.; Soil Fungi - nonspecific; ...4.0140

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

PERSISTENCE AND TOXICITY OF INSECTICIDES IN SOILS FOR CONTROL OF SOIL-INHABITING INSECTS ...Chlordan; DDT; Dieldrin, Environment Accumulation Rates; Pesticide Persistance in Soils; Zea Mays - Field Corn; ...4.0149

INTERACTION OF HERBICIDES AND SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Degradation -see Pesticide Deg; Microorganisms -nonspecific; Pesticide Persistance in Soils; Pesticide Residues Removal; Soil Aeration; ...4.0153

EFFECTS OF ORGANIC PHOSPHATE INSECTICIDES ON MICROBIOLOGICAL PROCESSES AFFECTING SOIL FERTILITY ...Agrinox; Ammonification Or Decay; Baygon; Cellular Physiology- Env. Eff.; Dipterex; Dyphonate; Herbicides and Other Chem; Melilotus; Mineral Nutrition; Nitrification; Pesticide Formulation; Rhizobium; Symbiotic Nitrogen Fixation; ...4.0159

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Organic Content; Water Pollutants - Path of; ...4.0164

PESTICIDE DETOXICATION MECHANISMS OF MICROORGANISMS IN SOIL AND WATER ...Bacterial Identification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Maloran; Pesticide Degradation -see Deg; Sevin; Soil Fungi -nonspecific; ...4.0166

REPLACEMENT OF CULTIVATION WITH CHEMICALS ...Algae -nonspecific; Bacteria -nonspecific; Chenopodiaceae; Herbicides - nonspecific; Poland; Soil Chemical Properties; Soil Moisture; Tillage, Cropping Systems; ...4.0168

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Gossypium; Metabolites From Pesticides; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Piedmont Province; Soil Chemical Properties; Trifluralin; ...4.0174

DISPOSITION OF PESTICIDES IN THE SOIL ...Avena Sativa; Granules, Capsules; Medicago; Plant Residues, Humus, Compost; Yeasts -nonspecific; ...4.0178

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

DEGRADATION OF ORGANOPHOSPHORUS INSECTICIDES IN SOILS ...Malathion; Organophosphorous Cpds.; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil pH; Thimet; ...4.0194

DEGRADATION OF ORGANOPHOSPHORUS INSECTICIDES IN SOIL ...Malathion; Metabolites From Pesticides; Microorganisms - nonspecific; Models of Biological Systems; Pesticide Persistance in Soils; ...4.0195

THE BEHAVIOR AND FATE OF DDT AND ZECTRAN IN A FOREST SOIL ...DDT; Environment Accumulation Rates; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pseudotsuga; Zectran; ...4.0197

INFLUENCE OF HERBICIDES, FUNGICIDES, & INSECTICIDES ON COTTON GERMINATION & SEEDLING VIGOR ...Gossypium; Koras; Pesticide Interaction With Env; Planavin; Temperature - Air; Trifluralin; ...4.0207

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Soil pH; Thielaviopsis; Verticillium; ...4.0213

CHEMISTRY OF NEMATODES AND NEMATOCIDES ...Invertebrate Physiology; Nematoda; Pathological Physiology; Pesticide Degradation -see Deg; ...4.0229

CONTROL OF NEMATODES IN NURSERIES AND ON PLANT MATERIALS ...Aliphatic Carbamates; Methomyl; Nematoda; Pesticide Evaluation; Pesticides -other; V-c 13; ...4.0239

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Residues; Pyrazon; Soil Temp. - non-specific; ...4.0248

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Thimet; Vegetables; ...4.0259

THE EFFECTS OF A CROP-HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0288

PESTICIDE RESIDUE METABOLITES ...Caricaceae; Herbicides and Other Chem; Microorganisms -nonspecific; Organophosphorous Cpds.; Pesticide Residues; Radioisotopes -nonspecific; ...4.0299

THE EFFECT OF CHEMICALS USED IN AGRICULTURE ON THE SOIL MICROFLORA ...Bacterial Ecology; Contamination - Soil; Dalapon; Nitrification; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Pseudomonas; Soil Fungi -nonspecific; ...4.0330

ECOLOGY AND METABOLISM OF PESTICIDES BY SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Microorganism-s:e Cell. Catab.; Microorganisms -nonspecific; Pesticide Degradation -see Deg; ...4.0365

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Cdas; Glycine; Nitrification; Pesticides Compatibility; Rhizosphere; Soil Chemical Properties; Trifluralin; ...4.0369

MICROBIAL DEGRADATION OF HERBICIDES ...Herbicides - nonspecific; Microorganisms -nonspecific; Pesticide Degradation - see Deg; ...4.0378

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Types -also See Specifics; Terbacil; ...4.0390

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

THE ROLE OF RHIZOSPHERE MICROORGANISMS IN THE ACTION OF HERBICIDES ON PLANTS ...Ammonification Or Decay; Fungicides -nonspecific; Insecticides -nonspecific; Nitrification; Pesticide Interaction With Env; Pesticides Compatibility; Rhizosphere; ...4.0468

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Methyl Bromide; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sclerotium; Terrachlor; Vegetables; ...4.0506

EFFECTS OF PESTICIDES ON NON-TARGET ORGANISMS ...Animal; Arachnida; Dieldrin; Pesticide in Food Chains; Pesticide Residue Analysis; Scophulariaceae; ...4.0667

EFFECTS OF INSECTICIDES ON ACTIVITY OF SOIL INHABITING INSECTS ...Insecticides -nonspecific; Insects - Beneficial; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Persistance in Soils; ...4.0742

A STUDY OF THE DEGRADATION RATE OF ALDRIN ...Aldrin; Animal; Annelida; Dieldrin; Metabolites From Pesticides; Pesticide in Food Chains; Pesticide Toxicity in Animals; ...4.0745

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Fomes; Helminthosporium; Pesticide Evaluation; Pythium; Rhizosphere; Soil pH; ...4.0923

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; ...4.0943

SOIL TOXICANTS, SOIL PHYTOPATHOGENS AND OTHER SOIL MICROORGANISMS ...Allyl Alcohol; Competition Among Thallophytes; Gibberella; Gliotoxin; Nematocides -nonspecific; Non-symbiotic N-fixation; Pesticide Phytotoxicity; Viridin; ...4.0945

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Parasoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Water Pollutants - Path of; ...4.0947

WEED CONTROL IN AGRONOMIC CROPS ...Ambrosia; Brassica Species; Microorganisms -nonspecific; Pesticide Application Rates; Pesticide Interaction With Env; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Setaria; Zea Mays - Field Corn; ...4.0982

INSECTICIDAL RESIDUES ...Carbon; Diazinon; Medicago; Methoxychlor; Pesticide Application Rates; Pesticide Persistance in Soils; Plant; ...4.0985

EFFECTS OF BIOCIDES ON PROPERTIES OF NURSERY STOCK ...Allyl Alcohol; Bioindicators; Dacthal; Microorganisms-see Cell. Catab.; Mylone; Ornamental Nurseries; Pesticide Action on Plants; Pesticide Phytotoxicity; Soil Bacteria; Soil Chemical Properties; Vapam; ...4.0995

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANO-TOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

BIOLOGICAL DEGRADATION OF AGRICULTURAL PESTICIDES ...Allium; Carbamates -nonspecific; Chenopodiaceae; Chlorinated Hydrocarbons; Insecticides -nonspecific; Organophosphorous Cpds.; Plant; Rhizosphere; Trifolium; ...4.1043

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC. IN SOILS ...Antibiotics -nonspecific; Benzoic Acid Cpds.; Herbicides -nonspecific; Loam -see Soil Types; Microorganisms -nonspecific; Nitrosomonas -nonspecific; Pesticide Persistance in Soils; Plant Residues, Humus, Compost; ...4.1051

EQUIPMENT AND METHODS FOR DECONTAMINATION AND DISPOSAL OF PESTICIDES AND PESTICIDE CONTAINERS ...Combustion; Formulations -nonspecific; Incineration; Nitrification; Pesticide Degradation -see Deg; Sevin; Waste Water Degradation; ...4.1052

A STUDY OF UNSUPPORTED 210 PO ION EXCHANGE IN SOILS, UPTAKE IN VEGETATION AND COMPARISON WITH DIRECT AERIAL DEPOSITION ...Absorption (incl. Adsorption); Polonium; Radioactive Fallout-cf Fallout; Soil Types -also See Specifics; Translocation; ...5.0024

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Organic Content; Soil Types -also See Specifics; Tracers; ...5.0063

CHARACTERISTICS OF HANFORD PROJECT SOILS ...Arid and Desert Regions; Disease Resistance; Microorganisms -nonspecific; Reactor Sites & Rad Waste; Soil Amendments; Soil Chemical Properties; Soil Organic Content; ...5.0085

BEHAVIOR OF CERTAIN SYNTHETIC CHELATING AGENTS IN BIOLOGICAL AND SOIL SYSTEMS ...Absorption (incl. Adsorption); Chelation & Complexing; Mineral Nutrition; Radiation Effects -see Rad.; Soil Chemical Properties; Translocation; ...5.0161

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Beta Particles; Plant Biomes; Plant Succession; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioecology - Plants; Wisconsin; ...5.0842

RADIOACTIVE TRACER STUDIES OF SOIL AND LITTER ARTHROPOD FOOD CHAINS ...Animal Productivity; Arthropods; Energy Budgets; Pesticide in Food Chains; Radioactive Contamination; ...5.0816

Soil Minerals -natural

GEOCHEMICAL SURVEY OF THE VEGETATION OF MISSOURI ...Air Pollution; Air Pollution -see Specifics; Bioindicators; Missouri; Roads & Highways -see Highways; Soil Chemical Properties; ...1.0331

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Animal Wastes - Feed Lots; Contamination - Soil; Fertilizers; Nutrients; Percolation (water); Soil Analysis; Water Pollutants - Path of; ...2.0081

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0100

ARSENIC STUDIES WITH BLUEBERRIES AND POTATOES ...Arsenic; Ericaceae; Plant Absorption -other; Sandy Soils -see Soil Type; Solanum; ...4.0330

TERRESTRIAL PLANT ECOLOGY ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Phenology; Plant Succession; Soil Water Plant Relationships; ...5.0783

Soil Moisture

ATMOSPHERIC OZONE AND WEATHER FLECK ON FLORIDA CIGAR-WRAPPER TOBACCO ...Air Masses; Climates -general; Gases; Nicotiana; ...1.0342

PLANT AIR POLLUTION STUDIES ON LOSSES, EFFECTS, AND CONTROL AND TECHNICAL ASSISTANCE ON PROBLEMS ...Air Pollution -see Specifics; Losses Due to Pollution; Moisture Deficiency; Pinus Strobus; Soil Chemical Properties; Temperature - Air; ...1.0400

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Temperature (water); Tundra; Water Yield; ...2.0013

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Saline Properties; Soil Structure -other; Water Reuse; ...2.0031

CHARACTERIZATION OF SOIL NONWETTABILITY AND THE DEVELOPMENT OF CRITERIA FOR THE MOST ECONOMIC TREATMENT OF THESE SOILS ...Fire Damage, Recovery; Infiltration; Soil Conditions; Soil Types -also See Specifics; Surfactants -see Detergents; ...2.0044

FORTY-YEAR FERTILIZER EFFECTS ON NO3 IN GROUND WATER ...Fertilizers; Groundwater; Soil Chemical Properties; Water Pollutants - Path of; ...2.0045

BEHAVIOR OF POLLUTANTS IN WATER ...Degradation; Groundwater; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -nonspecific; Water Pollutants - Path of; ...2.0074

THE QUANTITY & MOVEMENT OF NITRATES IN SOIL WATER IN TWO CONNECTICUT SOILS TREATED WITH HIGH & LOW LEVELS OF INORGANIC NITROGEN FERTILIZER ...Fertilizers; Groundwater; Lysimeters; Soil Depth; Tension and Measurement; Zea Mays - Field Corn; ...2.0089

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Saline Properties; Water Quality -general; Water Table - Depth of; ...2.0096

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat, Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Management (water); Plant Habitat Studies; Population Dynamics -general; Urban Environment; Water Balance - Budget; ...2.0108

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Forest Watersheds; Hydrographs; Piedmont Province; Rainfall - Runoff Relationship; Slope; Soil Density; Water Table; ...2.0113

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles, Infiltration; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types -also See Specifics; Tillage, Cropping Systems; ...2.0147

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Erosion; Forecasting - Prediction; Leaching; Model Studies; Nitrogen and Nitrogen Cpds.; Rain; Temperature - Air; ...2.0250

SOIL AND WATER MANAGEMENT FOR SALINITY CONTROL - PHASE II ...Groundwater; Leaching; New Mexico; Pesticides - nonspecific; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; Water Pollutants - Path of; ...2.0293

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Water Pollutants - Path of; ...2.0307

USE OF REACTOR COOLING WATER FROM NUCLEAR POWER PLANTS FOR IRRIGATION OF AGRICULTURAL CROPS ...Atomic Plants; Energy Conversion; High Temp. - 85f Or Above; Photosynthesis; Respiration; Thermal Pollution; ...2.0318

REACTOR COOLING WATER FOR AGRO-INDUSTRIAL DEVELOPMENT THROUGH SOIL WARMING ...Agricultural Studies -general; Atomic Plants; Mathematical Models; Temperature Regulation; ...2.0319

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Stabilization; Water Quality Control -general; ...2.0326

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Erosion; Oregon; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Soil Chemical Properties; Surface Active -other; Water Pollutants - Path of; ...2.0330

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Water Pollutants - Path of; Water Quality -general; ...2.0349

UNDERSTANDING OF THE INFILTRATION OF RAIN INTO BURIED WASTE ...Burial; Leaching; Waste Disposal; Water Pollution Sources; ...2.0357

EFFECTS OF FURROW, SPRINKLER AND SUBIRRIGATION METHODS ON POTENTIAL POLLUTION OF GROUNDWATER BY NITRATES AND OTHER SOLUTES ...Economic Feasibility; Furrow Irrigation; Irrigation; Nitrification; Subsurface Irrigation; Water Pollutants - Path of; ...2.0381

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Computer Models; Drainage; Fertilizers; Impaired Water Use; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Water Plant Relationships; ...2.0513

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp. - non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Water Pollutants - Path of; ...2.0683

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Oklahoma; Remote Sensing; Soil Thermal Properties; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

PREDICTION OF WATER QUALITY CHANGE IN A STREAM DUE TO HIGHWAY CONSTRUCTION ON THE DRAINAGE BASIN ...Construction Sites; Forecasting - Prediction; Highway Sites -see Roads; Precipitation; Water Quality -general; ...2.0754

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Vermont; Water Pollutants - Path of; ...2.0829

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Diffusion; Groundwater Movement; Organic Matter; Oxidation; Polarography; Septic Tanks; Soil Chemical Properties; ...2.0989

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Chemical Analysis -general; Farm Animal Wastes; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Organic Content; Sprinkler Irrigation; Water Table; ...2.0994

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Freezing & Below; Low Temp. - But Above 32f; Pinus -nonspecific; Radioisotopes; Sprinkler Irrigation; Transpiration and Evap; ...2.1001

MINIMIZING NITRATE POLLUTION OF GROUNDWATER AND STREAMS ...Absorption (incl. Adsorption); Groundwater; Nitrogen Cycle -see Denitrif.; Rhizosphere; Soil Profile; ...2.1013

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Effluents - Waste Water; Feces; Lagoon; Soil Chemical Properties; Soil Filters; Soil Structure -other; Waste Disposal on Soils; ...2.1017

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

HEAT AND MOISTURE CONDUCTION IN UNSATURATED SOILS ...Atomic Plants; Energy Conversion; Mathematical Models; Saturated - Unsaturated Soils; Soil Thermal Properties; Thermal Pollution; ...2.1160

FURTHER STUDIES OF INFILTRATION ...Disposal; Drainage; Groundwater; Infiltration; Saturated- Unsaturated Soils; Subsurface Runoff; Waste Water Treatment -general; ...2.1183

WASTE WATER DISPOSAL SYSTEMS FOR DEVELOPING UNSEWERED AREAS ...Connecticut; Home Waste Disposal Units; Leaching; Rural Areas; Septic Tanks; Sewage - Domestic; ...2.1203

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Glaciology; Groundwater; Lysimeters; Ponds; Soil Types - also See Specifics; Till; Water Pollutants - Path of; ...2.1285

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Food Processing Industries; Gallus Domesticus; Infiltration; Nitrogen and Nitrogen Cpds.; Percolation (water); Phosphorus and Phosphorus Cpds; Sprinkler Irrigation; Water Quality - general; ...2.1287

TRANSPORT AND FATE OF POLLUTANTS IN SOIL ...Fluid Mechanics; Porous Filters; Soil Filters; Waste Disposal-see Solid Waste; Water Reuse; ...2.1295

DEVELOP FIELD PROCEDURES FOR PREDICTING MOVEMENT OF LIQUID WASTES IN SOILS ...Percolation (water); Saturated - Unsaturated Soils; Septic Tanks; Soil Analysis; Soil Permeability; Water Pollutants - Path of; Wisconsin; ...2.1459

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Water Storage; ...2.1486

BACTERIAL ADSORPTION ON SOILS ...Adsorption; Bacterial Pollutant Sources; Forecasting - Prediction; Recharge (water); Water Pollutants - Path of; Water Wells; ...3.1737

EFFECTS OF GARBAGE COMPOST ON SOIL AND CROP PRODUCTION ...Avena Sativa; Plant Waste Removal, Treatment; Soil - Crop Relationships; Soil Chemical Properties; Soil Microbiology; Soil pH; Waste Disposal on Soils; ...3.0063

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Erosion; Gramineae -other; Leguminosae; Mine Wastes; Soil Chemical Properties; Soil Fertility; Water Pollution Sources; ...3.0039

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Animal Wastes - Feed Lots; Bee; Chlorine; Contamination - Soil; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Zea Mays - Field Corn; ...3.0097

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Groundwater; Illinois; Leaching; Soil Tillage; Waste Disposal on Soils; ...3.0133

DEVELOPMENT OF EQUIPMENT AND TECHNIQUES FOR CROP RESIDUES ...Gomyptum; Loam -see Soil Types; Plant Residues; Humus; Compost; Population Dynamics -general; Soil Tillage; Waste Disposal on Soils; ...3.0201

POULTRY MANURE DISPOSAL BY FLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Structure -other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

PHYSICAL PROPERTIES OF THE SOILS OF VIRGINIA ...Atlantic Coastal Plain; Piedmont Province; Soil Profile; Soil Texture; Urban Environment; Waste Disposal on Soils; ...3.0329

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Analysis and Detection; Biochemical Oxygen Demand; Effluent-standards; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Septic Tanks; Silty Soils; Water Pollutant Identification; ...3.0360

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment, Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Tillage; Cropping Systems; Zea Mays - Field Corn; ...3.0368

SOIL PRODUCTIVITY AS AFFECTED BY MICROBIAL ACTIVITY IN CROP RESIDUES AND ANIMAL WASTES ...Bioindicators; Patulin; Plant Residues, Humus, Compost; Soil Chemical Properties; Soil Microbiology; Soil Temp. -non-specific; Stubble Mulching; Triticum; ...3.0369

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; T, 2,4,5-; Watersheds; ...4.0060

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon; Mathematical Analysis; Mathematical Models; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0081

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Loam -see Soil Types; Pesticide Persistence in Soils; Silty Soils; Soil Temp. -non-specific; ...4.0084

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Southwest U. S.; Water Pollutants - Path of; ...4.0085

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Aroclor; DDT; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticides -see Pesticide; Radioisotopes -nonspecific; Soil Chemical Properties; Soil Organic Content; ...4.0087

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Structure; ...4.0088

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Persistance in Soils; Plant Resistance; Soil Aeration; Temperature - Air; ...4.0091

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticide Absorption Rates; Pesticides -nonspecific; Rate of Reaction; Soil Chemical Properties; Soil Profile; Surfactants - Wetting Agents; Tension and Measurement; ...4.0094

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Trifluralin; ...4.0098

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32F; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Water Quality -general; ...4.0100

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Texture; Water Pollutants - Path of; ...4.0102

SOIL FUMIGANT CHEMICALS AND THEIR EFFECTS ON SOIL MICROFLORA ...Bacteria -nonspecific; Nematoda; Pesticide Phytotoxicity; Plant Pathogenetic Fungi; Soil Depth; Soil Microbiology; ...4.0107

NEUTRALIZATION REACTIONS IN ACID SOIL AND CLAY SYSTEMS AND THEIR EFFECT ON PLANT GROWTH ...Atrazine; Clay Soils; Plant Tissue Analysis -chem.; Soil Chemical Properties; Soil pH; ...4.0122

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0152

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Climates -general; Environment Accumulation Rates; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutants - Path of; ...4.0155

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Fenuron; Monuron; Pesticide Movement in Soils; Soil Chemical Properties; ...4.0156

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Oregon; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Organic Content; Soil Profile; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

REPLACEMENT OF CULTIVATION WITH CHEMICALS ...Algae -nonspecific; Bacteria -nonspecific; Chenopodiaceae; Herbicides - nonspecific; Poland; Soil Chemical Properties; Tillage; Cropping Systems; ...4.0168

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Sorghum; Triticum; ...4.0181

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Tonaphene; ...4.0184

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff, Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Texas; Water Pollutants - Path of; ...4.0185

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; Water Quality - general; ...4.0192

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Temperature - Air; Zea Mays - Field Corn; ...4.0201

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Translocation; Western U. S.; ...4.0244

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Residues; Pyrazon; Soil Microbiology; Soil Temp. -non-specific; ...4.0248

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming - vegetables; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Caryophyllaceae; Cdec; Cucurbita; Cyperaceae; Formulations -nonspecific; Hibiscus; Linuron; Nematocides -nonspecific; Pesticide Action on Plants; Pesticide Evaluation; Polygonaceae; Sandy Soils -see Soil Type; Solanum; Tok; ...4.0270

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Truck Farming -vegetables; ...4.0272

FUNDAMENTAL STUDIES ON WEED CONTROL ...Cotoran; Fungicides -nonspecific; Herbicides and Other Chem; Liquids Or Sprays; Pesticide Evaluation; Pesticides Compatibility; Prometryne; Space Competition; ...4.0331

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Tenoran; Vernolate; ...4.0344

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Temperature - Air; Translocation; ...4.0436

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0439

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Macroprop; Pesticide Evaluation; Pesticide Phytotoxicity; Triazines -nonspecific; Turf; ...4.0490

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Temperature - Air; Verbenaceae; ...4.0491

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Texture; ...4.0497

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicambo; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Types -also See Specifics; ...4.0511

BIONOMICS OF THE CEREAL LEAF BEETLE ...Animal Life History Studies; Insecticides -nonspecific; Michigan; Pesticide Evaluation; Pesticide Phytotoxicity; Phalaridoae; ...4.0516

METABOLIC ANTITRANSPIRANTS ON TREES ...Absorption (incl. Adsorption); Cell and Tissue Permeability; Herbicides and Other Chem; Pesticide Application Rates; Pesticide Phytotoxicity; Pinus (other Specifics); Prunus Ceracus & P. Avium; Translocation; Ulmaceae; ...4.0519

BIOLOGY, ECOLOGY, CONTROL AND BEHAVIOR OF HIPPELATES EYE GNATS ...Baits, Lures; Insect Chemosterilants -ss.; Pesticide Application Rates; Pesticide Evaluation; Pesticide Persistance in Soils; Sanitation; Trithion; ...4.0564

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals; Pesticide Interaction With Env; Phenols; Soil pH; Stickers; Thuricide; ...4.0969

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates, Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1100

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Adsorption Capacity; Cesium; Composition Controls, Diffraction, Ion Exchange; Mineralogy; Soil Chemical Properties; Soil Chemistry; X-ray Spectroscopy; ...5.0025

THE MOVEMENT OF TRITIUM IN SOIL-WATER SYSTEMS ...Hydrogen; Iodine; Soil Analysis; Water Pollution Sources; ...5.0078

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Arid and Desert Regions; Clay Soils; Mineral Nutrition; Plants; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; X and Gamma Rays; ...5.0159

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl Adsorption); Plant Community Mapping; Plant

Succession; Radiation Effects -see Rad.; Radioactive Contamination; Radioecology - Plants; Soil - Crop Relationships; Soil Environment -other; Translocation; ...5.0422

TERRESTRIAL PLANT ECOLOGY ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Phenology; Plant Succession; Soil Minerals -natural; Soil Water Plant Relationships; ...5.0752

PRECIPITATION, AIR TEMPERATURES, SOIL MOISTURE, & GAMMA RADIATION, IN 68 MOJAVE & GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, 1962-70 (ABBREV) ...Air Pollution Sampling; Nevada; Population Dynamics -general; Precipitation Amount; Radioactive Pollution -na; Temperature; ...5.0787

FLUX AND SPECTRUM OF FAST NEURTONS IN NATURAL ENVIRONMENT ...Fast Neutrons; Radioactivity Studies -general; Scintillation Counting; ...5.0836

Excessive Moisture

STRUCTURES AND EQUIPMENT TO MINIMIZE STRESS ON BEEF CATTLE ...Air Pollution -see Specifics; Dust; Farm Structures & Design; Rain; Wind -see Air Motion; ...1.0309

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

ENCAPSULATION OF INSECTICIDES AND VIRUSES FOR CONTROL OF INSECTS ...Biological Control; Formulations - nonspecific; Granules; Capsules; Malathion; Pesticide Persistance in Soils; Pesticide Residues; ...4.0160

HERBICIDE CHARACTERISTICS AND EFFICIENCY IN CORN AND SOYBEANS ...Alachlor; Amiben; Benefin; Carriers -nonliquid; Cyperaceae; Glycine; Liquids Or Sprays; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -other; Planavin; Sandy Soils -see Soil Type; Soil Moisture; Tenoran; Vernolate; ...4.0344

INVESTIGATIONS OF MINT DISEASES ...Benlate; Fumigants - nonspecific; Labiatae; Pesticide Evaluation; Solanum; Verticillium; ...4.0359

Moisture Deficiency

ENVIRONMENT - AIR POLLUTION INTERACTIONS ON PLANTS ...Air Pollution -see Specifics; Herbicides and Other Chem; Plant Pathology - Env Relat; Plant Response to Env -na; Temperature - Air; ...1.0326

ATMOSPHERIC OZONE AND WEATHER FLECK ON FLORIDA CIGAR-WRAPPER TOBACCO ...Air Masses; Climates -general; Gases; Nicotiana; Soil Moisture; ...1.0342

PLANT AIR POLLUTION STUDIES ON LOSSES, EFFECTS, AND CONTROL AND TECHNICAL ASSISTANCE ON PROBLEMS ...Air Pollution -see Specifics; Losses Due to Pollution; Pinus Strobus; Soil Chemical Properties; Temperature - Air; ...1.0488

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water, Industrial Wastes; Lysimeters; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conse...; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

IMPROVEMENT OF CEREAL GRAINS UNDER IRRIGATION ...Avena Sativa; Heat Resistance; Irrigation; Soils; Triticum; Waste Disposal on Soils; ...3.0047

DEVELOPMENT OF EQUIPMENT AND TECHNIQUES FOR CROP RESIDUES ...Gossypium; Loam -see Soil Types; Plant Residues; Humus; Compost; Population Dynamics -general; Soil Moisture; Soil Tillage; Waste Disposal on Soils; ...3.0281

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nutrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Pesticides -see Pesticide; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Pesticide Application Rates; Pesticide Persistance in Soils; Pinum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

IMPROVEMENT OF OIL SEED CROPS THROUGH THE DEVELOPMENT OF SUPERIOR VARIETIES AND CULTURAL METHODS ...Alternaria; Fungal Resistance; Helianthus; Irrigation; Linaceae; Pesticide Application Rates; Planting Methods; ...4.0394

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Aliphatic Carbamates; Chemical Analysis; Disulfoton; Pesticide in Food Chains; Pesticide Residues; Preventative Measures; Rubus; ...4.1000

THE ROLE OF LIGHT AND TEMPERATURE IN THE GROWTH AND DEVELOPMENT OF PLANTS ...Cold Resistance and Hardiness; Growth; Humidity; Plant Growth Regulators -na; Reproductive Physiology; Temperature - Air; X and Gamma Rays; ...5.0683

Moisture Levels

DEVELOPMENT OF PRINCIPLES AND PRACTICES OF WEED CONTROL FOR NEBRASKA ...Atrazine; Cactaceae; Cycloate; Dicamba; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticide Residues; Picloram; Silvex; T, 2,4,5-; Triticum; ...4.1069

Tension and Measurement

FATE OF TRACE-METALS (IMPURITIES) IN SUBSOILS AS RELATED TO THE QUALITY OF GROUND WATER ...Agricultural Runoff; Groundwater; Lakes; Soil Chemical Properties; Soil Fertility; Soil Organic Content; Soil Texture; Water Pollutants - Path of; Water Wells; ...2.0064

CHARACTERIZATION OF SOIL NONWETTABILITY AND THE DEVELOPMENT OF CRITERIA FOR THE MOST ECONOMIC TREATMENT OF THESE SOILS ...Fire Damage; Recovery; Infiltration; Soil Conditions; Soil Moisture; Soil Types -also See Specifics; Surfactants -see Detergents; ...2.0044

THE QUANTITY & MOVEMENT OF NITRATES IN SOIL WATER IN TWO CONNECTICUT SOILS TREATED WITH HIGH & LOW LEVELS OF INORGANIC NITROGEN FERTILIZER ...Fertilizers; Groundwater; Lysimeters; Soil Depth; Soil Moisture; Zea Mays - Field Corn; ...2.0069

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mass Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem; Soil Organic Content; Sub - Tropic Regions; Tillage; Cropping Systems; Water Quality -general; ...2.0098

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Forest Watersheds; Hydrographs; Piedmont Province; Rainfall - Runoff Relationship; Slope; Soil Density; Soil Moisture; Water Table; ...2.0113

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Water Table; ...2.0295

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp - non-specific; Sprinkler Irrigation; Water Application Methods; ...2.0362

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Oklahoma; Remote Sensing; Soil Moisture; Soil Thermal Properties; Soil Types -also See Specifics; Watersheds; ...2.0738

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Glaciology; Groundwater; Lysimeters; Ponds; Soil Moisture; Soil Types -also See Specifics; Till; Water Pollutants - Path of; ...2.1285

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types - also See Specifics; Waste Disposal on Soils; ...3.0223

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticide Absorption Rates; Pesticides -nonspecific; Rate of Reaction; Soil Chemical Properties; Soil Profile; Surfactants - Wetting Agents; ...4.0094

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of, ...4.0164

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - II. MOVEMENT OF RADIONUCLIDE IONS IN SOILS ...Absorption (incl. Adsorption); Mathematical Models; Radioisotopes; Soil Chemical Properties; Strontium; ...5.0039

Water Table - Depth of

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality - general; ...2.0096

ROLE OF FERTILIZERS IN WATER POLLUTION ...Agricultural Runoff; Drainage; Fertilizers; Leaching; Tillage; Cropping Systems; ...2.0134

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

DRAIN DESIGN FOR NITRATE REDUCTION IN GROUND WATER ...California; Drainage Engineering; Nitrogen and Nitrogen Cpds.; Soil Organic Content; ...2.1171

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Forecasting - Prediction; Fruit, Nut, and Berry Crops; Soil Depth; Soil Types -also See Specifics; Water Table; ...2.1227

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Drainage Engineering; Fluorine; Growth; Water Table; ...2.1229

INFLUENCE OF FERTILIZER PRACTICES ON WATER AND THE QUALITY OF THE ENVIRONMENT ...Animal Wastes - Feed Lots; Groundwater; Mans Pollutional Activities; Soil - Crop Relationships; Soil Nutrient Cycling; Water Table; ...3.1635

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Structure -other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Agricultural Runoff; Degradation -see Pesticide Deg; Drainage; Endrin; Floods; Pesticide Residues; Saccharum; Water Pollutants - Path of; ...4.0115

Soil Nutrient Cycling

INFLUENCE OF FERTILIZER PRACTICES ON WATER AND THE QUALITY OF THE ENVIRONMENT ...Animal Wastes - Feed Lots; Groundwater; Mans Pollutional Activities; Soil - Crop Relationships; Water Table; ...3.1635

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Soil Types -also See Specifics; Zineb; ...4.0169

RADIONUCLIDE CYCLING IN TERRESTRIAL ECOSYSTEM ...Andropogon; Arthropods; Calcium; Cesium; Deciduous Forests; Festuca; Granulation; Iodine; Magnoliaceae; Metabolism and Biochemistry; Mineral Nutrition; Nyssaceae; Plant Ecology -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout -cf Fallout; Sodium; ...5.0075

CHARACTERISTICS OF HANFORD PROJECT SOILS ...Arid and Desert Regions; Disease Resistance; Microorganisms -nonspecific; Reactor Sites & Rad Waste; Soil Amendments; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; ...5.0085

Soil Organic Content

FATE OF TRACE-METALS (IMPURITIES) IN SUBSOILS AS RELATED TO THE QUALITY OF GROUND WATER ...Agricultural Runoff; Groundwater; Lakes; Soil Chemical Properties; Soil Fertility; Soil Texture; Tension and Measurement; Water Pollutants - Path of; Water Wells; ...3.0004

FATE OF HARMFUL METALS IN SOIL AND WATER SYSTEMS ...Absorption (incl. Adsorption); Chemical Effects; Formation Principles; Radioisotopes -nonspecific; Soil Microbiology; Water Pollutant Identification; Water Pollution Sources; ...3.0005

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Sub - Tropic Regions; Tillage; Cropping Systems; Water Quality -general; ...3.0096

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals, Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage; Cropping Systems; Water Pollutants - Path of; ...3.0102

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...3.0204

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Contamination - Soil; Farm Animal Wastes; Groundwater; Snowmelt Runoff; Soil Microbiology; Urine; Water Pollutants - Path of; ...3.0343

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Fertility; Triticum; ...3.0269

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Leaching; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Filters; Soil Texture; Waste Disposal on Soils; ...3.0988

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Chemical Analysis -general; Farm Animal Wastes; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Moisture; Sprinkler Irrigation; Water Table; ...3.0994

DRAIN DESIGN FOR NITRATE REDUCTION IN GROUND WATER ...California; Drainage Engineering; Nitrogen and Nitrogen Cpds.; Water Table - Depth of; ...2.1171

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Groundwater; Infiltration; Pesticide Residues Removal; Pesticides -see Pesticide; Sewage; Waste Water Treatment -general; ...2.1542

EFFECTS OF RECENT AND PAST PHOSPHATE FERTILIZATION ON THE AMOUNTS OF PHOSPHORUS PERCOLATING THROUGH SOIL PROFILES INTO SUBSURFACE WATERS ...Adsorption; Fertilizers; Mineralogy; Model Studies; Percolation (water); Soil Analysis; Soil Chemical Properties; ...2.1616

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Tillage; Cropping Systems; Waste Water Treatment -general; Water Pollution Effects; ...2.1665

THE ROLE OF SOIL IN FARM WASTE MANAGEMENT ...Agricultural Runoff; Farm Pond; Sediments; Soil Chemical Properties; ...3.0001

DECOMPOSITION AND DISPERSION OF EXCRETA FROM LAYING HENS AND TURKEYS ...Farm Animal Wastes; Gallus Domesticus; Microorganisms -nonspecific; Space Requirements; ...3.0009

ORGANIC MATTER RELATIONSHIPS OF SPOIL BANKS ...Animal Productivity; Forest Litter, Duff & Humus; Quercus; Soil Chemical Properties; Soil Microbiology; Soil pH; ...3.0033

SOIL AND WATER MANAGEMENT SYSTEMS FOR DISPOSAL OF DAIRY AND POULTRY WASTES ...Animal Wastes - Feed Lots; Denitrification; Groundwater; Waste Disposal on Soils; ...3.0076

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Stock Yards; Waste Disposal on Soils, Water Table; ...3.0093

CELLULOSE DEGRADATION IN COMPOSTING ...Plant Residues, Humus, Compost; Soil Environment -other; Soil Microbiology; Urban Environment; Waste Disposal on Soils; ...3.0229

ANIMAL WASTE COMPOSTING WITH CARBONACEOUS MATERIAL ...Farm Animal Wastes; Mineral Nutrition; Panicum -other; Plant Residues, Humus, Compost; Soil Amendments; Triticum; Waste Disposal on Soils; ...3.0252

EFFECTS OF GARBAGE COMPOST ON SOIL PROCESSES ...Florida; Nitrification; Soil Amendments; Soil Microbiology; Waste Disposal on Soils; ...3.0366

BARK RESIDUES AS SOIL CONDITIONER ...Lycopersicum; Ornamentals; Plant Waste Removal, Treatment; Soil Amendments; Soil Compaction Or Density; Vegetables; ...3.0375

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION. ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

REACTIONS OF TRIAZINE-HERBICIDES WITH SOIL COMPONENTS ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Pesticide Persistance in Soils; Soil - Calcareous; ...4.0082

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Aroclor; DDT; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticides - see Pesticide; Radioisotopes -nonspecific; Soil Chemical Properties; ...4.0087

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humicity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0098

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam - see Soil Types; Organic Soils -see Soils; Pesticide Formulation; Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; ...4.0097

STRUCTURAL CHEMISTRY OF SOIL HUMIC SUBSTANCES ...Adsorption; Chelation & Complexing; Hydrolysis, Esterification; Organic Soils -see Soils; Pesticides -nonspecific; Reduction Reactions; Soil Chemical Properties; Soil Microbiology; ...4.0106

SOIL INVERTEBRATES INFLUENCE ON CORN RESIDUES ...Arthropods; Minimum Tillage; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Planting Methods; Population Dynamics -general; Soil Microbiology; ...4.0108

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Irrad; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; Soil Types -also See Specifics; ...4.0112

CHEMICAL AND PHYSICAL PROPERTIES OF ORGANIC MATTER OF MICHIGAN SOILS ...DDT; Environment Accumulation Rates; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Soil Tillage; Soil Types -also See Specifics; ...4.0128

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Water Pollutants - Path of; ...4.0164

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Oregon; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Profile; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

REPLACEMENT OF CULTIVATION WITH CHEMICALS ...Algae -nonspecific; Bacteria -nonspecific; Chenopodiaceae; Herbicides - nonspecific; Poland; Soil Chemical Properties; Soil Moisture; Tillage, Cropping Systems; ...4.0168

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Temp. -non-specific; Water Quality -general; ...4.0192

TRANSFORMATION, MOVEMENT, DISAPPEARANCE OF PESTICIDES AND RESIDUES IN SOILS ...Clay Soils; Pesticide Movement in Soils; Pesticide Persistance in Soils; Picloram; Silty Soils; Soil pH; Soil Texture; ...4.0193

FACTORS AFFECTING THE TOXICITY AND SELECTIVITY OF PRE-EMERGENCE SOIL HERBICIDES ...Anaerobic Bacteria; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Pesticide Residues Removal; Pyrazon; Soil Fungi -nonspecific; Soil Types -also See Specifics; ...4.0247

THE EFFECTS OF A CROP HERBICIDE ROTATION SYSTEM ON CERTAIN SOIL CHARACTERISTICS ...Arachis; Degradation; Gossypium; Loam -see Soil Types; Nitrogen and Nitrogen Cpds.; Pesticide Degradation -see Deg; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Zea Mays - Field Corn; ...4.0258

CONTROL OF WEEDS IN CROPS OF ECONOMIC VALUE ...Ametryn; Cyperaceae; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Formulation; Plant Resistance; Saccharum; Terbacil; ...4.0470

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Terbacil; ...4.0504

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Types -also See Specifics; Tracers; ...5.0063

CHARACTERISTICS OF HANFORD PROJECT SOILS ...Arid and Desert Regions; Disease Resistance; Microorganisms -nonspecific; Reactor Sites & Rad Waste; Soil Amendments; Soil Chemical Properties; Soil Microbiology; ...5.0085

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE: THE MINERALIZATION OF ORGANIC NITROGEN IN SOILS FROM VOLCANIC MATERIAL ...Alluvium - Alluvial; Humid Climates; Organic Soils -see Soils; Radiation Effects - Biological; Sediment Lithification; Soil Chemical Properties; ...5.0219

Soil Particle Size

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN NEW HAMPSHIRE ...Cooperative Studies; Mans Pollutional Activities; Permeability; Soil Permeability; Water Pollutants - Path of; ...2.0184

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Ash-coal Filters; Filters-filtration; Filtration; Pilot Plants; Sand; Turbidity (water); Water Distribution Systems; ...2.0887

Soil Permeability

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation;

Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure - other; Water Reuse; ...2.0031

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN NEW HAMPSHIRE ...Cooperative Studies; Mans Pollutional Activities; Permeability; Water Pollutants - Path of; ...2.0184

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Swamps - Marshes; Water Quality -general; Water Storage, Water Table; Wetlands; ...2.0204

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Waste Disposal-see Solid Waste; Water Table; ...2.0986

GROUNDWATER FLOW IN PARTIALLY SATURATED SOILS ...Drainage; Groundwater Movement; Model Studies; Seepage (water); Sewage; Water Quality Control -general; Water Supply - general; ...2.1412

DEVELOP FIELD PROCEDURES FOR PREDICTING MOVEMENT OF LIQUID WASTES IN SOILS ...Percolation (water); Saturated - Unsaturated Soils; Septic Tanks; Soil Analysis; Soil Moisture; Water Pollutants - Path of; Wisconsin; ...2.1459

PHYSICAL PROPERTIES OF THE SOILS OF VIRGINIA ...Atlantic Coastal Plain; Piedmont Province; Soil Moisture; Soil Profile; Soil Texture; Urban Environment; Waste Disposal on Soils; ...3.0329

Soil pH

FATE OF TRACE-METALS (IMPURITIES) IN SUBSOILS AS RELATED TO THE QUALITY OF GROUND WATER ...Agricultural Runoff; Groundwater; Lakes; Soil Chemical Properties; Soil Fertility; Soil Organic Content; Soil Texture; Tension and Measurement; Water Pollutants - Path of; Water Wells; ...2.0004

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil Texture; Temperature - Air; ...2.0302

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

GEOCHEMICAL CYCLES INVOLVING FLORA, LAKE WATERS, AND BOTTOM SEDIMENTS ...Acidity (water); Aquatic Soils; Bottom Sampling; Geochemical Analysis (water); Lakes; Mineralogical Properties; Social Aspects; ...2.0608

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Water Table; ...2.1228

EFFECTS OF GARBAGE COMPOST ON SOIL AND CROP PRODUCTION ...Avena Sativa; Plant Waste Removal, Treatment; Soil - Crop Relationships; Soil Chemical Properties; Soil Microbiology; Waste Disposal on Soils; ...3.0003

EVALUATION OF POULTRY MANURE AS A FERTILIZER ...Bos; Cynodon; Fertilizer Losses; Soil Chemical Properties; Trifolium; ...3.0004

DECOMPOSITION AND DISPERSION OF EXCRETA FROM LAYING HENS AND TURKEYS ...Farm Animal Wastes; Gallus Domesticus; Microorganisms -nonspecific; Soil Organic Content; Space Requirements; ...3.0009

ORGANIC MATTER RELATIONSHIPS OF SPOIL BANKS ...Animal Productivity; Forest Litter, Duff & Humus; Quercus; Soil Chemical Properties; Soil Microbiology; ...3.0033

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bos; Drainage; Effluents - Waste Water; Lysimeters; Rural Areas; Sewage; Soil Aeration; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

AGRICULTURAL WASTES - POULTRY MANURE DISPOSAL AND USE ...Economic Feasibility; Gallus Domesticus; Microorganisms -nonspecific; Phaseolus; Vegetables; ...3.0297

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

UTILIZATION OF SOLID WASTES FROM THE COMBUSTION AND MINING OF COAL ...Automotive Application; Combustion; Elastomers; Pavement; Product Development Research; Soil Amendments; ...3.0341

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Solanaceae; Zinc; ...3.0359

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Coronilla; Farm Animal Wastes; Fertilizer Industry; Mineral Nutrition; Roads & Highways -see Highways; Soil Amendments; Soil Microbiology; Waste Disposal on Soils; ...3.0399

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Sorghum; Zea Mays - Field Corn; ...4.0011

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Loam -see Soil Types; Pesticide Persistance in Soils; Silty Soils; Soil Moisture; Soil Temp. -non-specific; ...4.0084

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides - see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -non-specific; Surfactants - Wetting Agents; ...4.0093

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides - see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

PESTICIDE-SOIL COLLOID INTERACTIONS ...Adsorption; Benzoic Acid Cpds.; Chemical Degradation; Colloidal Phenomena; Degradation; Gas Chromatography; Pesticide Movement in Soils; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0110

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

NEUTRALIZATION REACTIONS IN ACID SOIL AND CLAY SYSTEMS AND THEIR EFFECT ON PLANT GROWTH ...Atrazine; Clay Soils; Plant Tissue Analysis -chem.; Soil Chemical Properties; ...4.0122

PERSISTENCE AND DETOXIFICATION OF HERBICIDES IN SOIL ...Climates -general; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Aeration; ...4.0136

PERSISTENCE OF HERBICIDES IN SOILS ...Cotton; Gossypium; Pesticide Persistance in Soils; Pesticides Compatibility; Plant Absorption -other; Root Absorption; Translocation; ...4.0137

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; ...4.0141

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

INTERACTION OF HERBICIDES AND SOIL MICROORGANISMS ...Chlorinated Hydrocarbons; Degradation -see Pesticide Deg; Microorganisms -nonspecific; Pesticide Persistance in Soils; Pesticide Residues Removal; Soil Aeration; Soil Microbiology; ...4.0153

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Fenuron; Monuron; Pesticide Movement in Soils; Soil Chemical Properties; Soil Moisture; ...4.0156

CHEMISTRY OF ADSORPTION OF PESTICIDES ON SOIL SILICATES ...Chromatography; Diquat; Humidity; Paraquat; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0157

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil Texture; ...4.0161

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Temperature - Air; ...4.0162

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Oregon; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Organic Content; Soil Profile; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil Types -also See Specifics; Zineb; ...4.0169

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil Types -also See Specifics; Terbacil; ...4.0170

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; Water Quality - general; ...4.0192

TRANSFORMATION, MOVEMENT, DISAPPEARANCE OF PESTICIDES AND RESIDUES IN SOILS ...Clay Soils; Pesticide Movement in Soils; Pesticide Persistance in Soils; Picloram; Silty Soils; Soil Organic Content; Soil Texture; ...4.0193

DEGRADATION OF ORGANOPHOSPHORUS INSECTICIDES IN SOILS ...Malathion; Organophosphorous Cpds.; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Microbiology; Thimet; ...4.0194

EFFECTS OF PESTICIDES AND THEIR DEGRADATION PRODUCTS ON PLANTS AND PLANT PATHOGENS ...Amino Triazole; Chemical Degradation; Defoliants; Nemagon; Pesticide Residue Analysis; Physical Degradation; Plant; Pythium; Rhizoctonia; Thielaviopsis; Verticillium; ...4.0212

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Clay Soils; Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Tissue Accumulation Rates; Trifluralin; ...4.0432

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Temperature - Air; Ulmaceae; ...4.0485

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; Soil Texture; ...4.0497

ORGANIC RESIDUES AND SOIL MICROORGANISMS ...Competition Among Thallophytes; Diuron; Fomes; Helminthosporium; Pesticide Evaluation; Pythium; Rhizosphere; Soil Microbiology; ...4.0923

EFFECTS OF HERBICIDES AND SOIL TOXINS ON RHIZOBIUM ...Amiben; Glycine; Herbicides and Other Chem; Microorganisms -nonspecific; Pesticide Interaction With Env; Pesticide Toxicity to Microorg; Plant Tissue Analysis -chem.; Rhizobium; Trifluralin; ...4.0950

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals; Pesticide Interaction With Env; Phenols; Stickers; Thuricide; ...4.0969

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Solar Radiation -sunshine; Trifluralin; ...4.1109

INFLUENCE OF SOIL HEATING ON THE GROWTH AND ELEMENTAL COMPOSITION OF BEAN PLANTS ...High Temp. - 85f Or Above; Mineral Nutrition; Organic Soils -see Soils; Plants; Radioactive Contamination; Soil Chemical Properties; ...5.0013

A STUDY OF UNSUPPORTED 210 PO ION EXCHANGE IN SOILS, UPTAKE IN VEGETATION AND COMPARISON WITH DIRECT AERIAL DEPOSITION ...Absorption (incl. Adsorption); Polonium; Radioactive Fallout-cf Fallout; Soil Microbiology; Soil Types -also See Specifics; Translocation; ...5.0024

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

THE CYCLING OF MICRONUTRIENTS IN GEOCHEMICAL AND BIOLOGICAL SYSTEMS ...Absorption (incl. Adsorption); Medicago; Mineralogical Water Properties; Soil Chemical Properties; Translocation; Zinc; ...5.0868

Soil Profile

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Radiochemical Analysis; Soil Chemical Properties; Water Pollutants - Path of; Water Quality -general; ...2.0314

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research -general; ...2.0329

MINIMIZING SOIL AND WATER POLLUTION FROM FERTILIZERS AND IRRIGATION WATERS--RIO GRANDE PLAIN ...Denitrification; Effluents - Waste Water; Groundwater; Rio Grande River; Soil Analysis; ...2.0391

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Leaching; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Filters; Soil Organic Content; Soil Texture; Waste Disposal on Soils; ...2.0988

MINIMIZING NITRATE POLLUTION OF GROUNDWATER AND STREAMS ...Absorption (incl. Adsorption); Groundwater; Nitrogen Cycle -see Denitrif.; Rhizosphere; ...2.1013

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Irrigation Engineering; Recharge Pits - Wells (water); ...2.1026

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific;

Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae nother; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Waste Disposal on Soils; Water Storage; ...2.1152

TECHNICAL, ECONOMIC & LEGAL ASPECTS IN THE EXCHANGE OF SEWAGE EFFLUENT FOR IRRIGATION WATER FOR MUNICIPAL USE (TUCSON) ...Agricultural Studies -general; Arizona; Legal Studies; Sewage; Water Purification; Water Utilization -domestic; ...2.1155

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Forecasting - Prediction; Fruit, Nut, and Berry Crops; Soil Depth; Soil Types -also See Specifics; Water Table; ...2.1227

EFFECTS OF RECENT AND PAST PHOSPHATE FERTILIZATION ON THE AMOUNTS OF PHOSPHORUS PERCOLATING THROUGH SOIL PROFILES INTO SUBSURFACE WATERS ...Adsorption; Fertilizers; Mineralogy; Model Studies; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Organic Content; ...2.1616

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Flume Studies; Irrigation; Planting Methods; Rock - Soil Pollution; Soil Chemical Properties; Waste Disposal on Soils; ...3.0008

NITRATE POLLUTION FROM DISPOSAL OF DAIRY WASTE ...Animal Wastes - Feed Lots; Drainage; Groundwater; Mineral Nutrition; Waste Disposal on Soils; ...3.0077

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Structure -other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

PHYSICAL PROPERTIES OF THE SOILS OF VIRGINIA ...Atlantic Coastal Plain; Piedmont Province; Soil Moisture; Soil Texture; Urban Environment; Waste Disposal on Soils; ...3.0329

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticide Absorption Rates; Pesticides -nonspecific; Rate of Reaction; Soil Chemical Properties; Surfactants - Wetting Agents; Tension and Measurement; ...4.0094

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin, Endrin; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain; Soil Chemical Properties; Soil Depth; Trifluralin; ...4.0099

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Thiodan; Vegetables; ...4.0116

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Oregon; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Organic Content; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Herbicides -nonspecific; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; Soil Types -also See Specifics; ...4.0177

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

A SURVEY OF CHEMICAL AND PHYSICAL PROPERTIES OF SOILS AT THE NEVADA TEST SITE ...Arid and Desert Regions; Nevada; Plant Species Diversity; Soil Chemical Properties; Soil Types -also See Specifics; ...5.0153

Soil Radiation Emission

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Runoff (water); Soil Analysis; ...2.6216

THE DETERMINATION OF PLUTONIUM IN SOIL ...Burial; Plutonium, Waste Disposal, Underground; ...5.0821

Soil Saline Properties

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Structure -other; Water Reuse; ...2.0031

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Water Quality -general; Water Table - Depth of; ...2.0096

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN MASSACHUSETTS ...Groundwater; Leaching; Massachusetts; Salinity (water); Soil Chemical Properties; Water Pollutants - Path of; ...2.0183

SOIL AND WATER MANAGEMENT FOR SALINITY CONTROL - PHASE II ...Groundwater; Leaching; New Mexico; Pesticides - nonspecific; Saturated - Unsaturated Soils; Soil Thermal Properties; Water Pollutants - Path of; ...2.0253

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0308

MINIMIZING SOIL AND WATER POLLUTION FROM FERTILIZERS AND IRRIGATION WATERS--RIO GRANDE PLAIN ...Denitrification; Effluents - Waste Water; Groundwater; Rio Grande River; Soil Analysis; Soil Profile; ...2.0391

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Chlorine; Fish; Literature Search; Rock - Soil Pollution; Soil Chemical Properties; Virginia; Water Supply Facilities; ...2.0408

MIXING PROCESSES IN SATURATED AND UNSATURATED SOIL-WATER SYSTEMS IN RELATION TO POLLUTION ...Chlorine; Fluid Mechanics; Saturated - Unsaturated Soils; Soil Thermal Properties; ...2.0965

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Desalination; Electrodialysis; Irrigation; Optimization - Feasibility; Salinity (water); ...2.1804

IMPROVEMENT OF CEREAL GRAINS UNDER IRRIGATION ...Avena Sativa; Heat Resistance; Irrigation; Moisture Deficiency; Soils; Triticum; Waste Disposal on Soils; ...3.0047

PRELIMINARY EXPLORATORY CITRUS RESEARCH AT CITRUS EXPERIMENT STATION ...Aliphatic Carbamates; Fruit, Nut, and Berry Crops; Literature Search; Pesticide Formulation; Pesticide Residues; Soil Depth; ...4.0096

Soil Stabilization

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Water Quality Control -general; ...2.0326

Soil Structure

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research -general; ...2.0329

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Mineralogical Properties; Salt Water; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Diffusion; Groundwater Movement; Organic Matter; Oxidation; Polarography; Septic Tanks; Soil Chemical Properties; Soil Moisture; ...2.0989

PHYSICAL PROPERTIES OF THE SOILS OF VIRGINIA ...Atlantic Coastal Plain; Piedmont Province; Soil Moisture; Soil Profile; Soil Texture; Urban Environment; Waste Disposal on Soils; ...3.0329

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Deep Plowing; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; ...4.0088

Air - Water - Plant Relations

EFFECTS OF FLUORIDES IN AIR, WATER, AND SOIL ON GROWTH, QUALITY, AND YIELDS OF TREE, FIELD, AND VEGETABLE CROPS ...Aluminum; Fluorine; Gases, Mineral Nutrition; Soil Water Plant Relationships; Zinc; ...1.0319

RELATIONSHIP OF LEAD IN THE AIR, SOIL AND PLANTS TO PROXIMITY TO HIGHWAY TRAFFIC ...Absorption (incl. Adsorption); Air Pollution -see Specifics; Cars; Lead; Roads & Highways -see Highways; Soil Aeration; Soil Chemical Properties; Wind -see Air Motion; ...1.0368

PESTICIDE RESIDUES ON ARIZONA CROPS ...DDT; Medicago; Pesticide Toxicity to Microorg; Radioisotopes -nonspecific; Toxaphene; ...4.0925

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Cesium, Environmental Ecology; Food Contamination; Pollution Effects -see Water; Radioactive Contamination; Radiologic Health; Soil Chemical Properties; ...5.0031

Formation Principles

FATE OF HARMFUL METALS IN SOIL AND WATER SYSTEMS ...Absorption (incl. Adsorption); Chemical Effects; Radioisotopes -nonspecific; Soil Microbiology; Water Pollutant Identification; Water Pollution Sources; ...2.0005

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Infiltration; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types -also See Specifics; Tillage; Cropping Systems; ...2.0147

PHYSICAL PROPERTIES OF THE SOILS OF VIRGINIA ...Atlantic Coastal Plain; Piedmont Province; Soil Moisture; Soil Profile; Soil Texture; Urban Environment; Waste Disposal on Soils; ...3.0329

Management Effects

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage; Cropping Systems; Water Pollutants - Path of; ...2.0105

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Flume Studies; Irrigation; Planting Methods; Rock - Soil Pollution; Soil Chemical Properties; Soil Profile; Waste Disposal on Soils; ...3.0008

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality - general; ...4.0109

THE EFFECT OF HERBICIDES ON GROWTH, YIELD, AND LONGEVITY OF PEACH TREES ...Fruit, Nut, and Berry Crops; Herbicides -nonspecific; Pesticide Phytotoxicity; Soil Compaction Or Density; ...4.0285

Soil Structure -other

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Reuse; ...2.0031

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research -general; ...2.0329

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Effluents - Waste Water; Feces; Lagoon; Soil Chemical Properties; Soil Filters; Waste Disposal on Soils; ...2.1017

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

EFFECTS OF GARBAGE COMPOST ON SOIL PROCESSES ...Florida; Nitrification; Soil Amendments; Soil Microbiology; Soil Organic Content; Waste Disposal on Soils; ...3.0366

Soil Texture

FATE OF TRACE-METALS (IMPURITIES) IN SUBSOILS AS RELATED TO THE QUALITY OF GROUND WATER ...Agricultural Runoff; Groundwater; Lakes; Soil Chemical Properties; Soil Fertility; Soil Organic Content; Tension and Measurement; Water Pollutants - Path of; Water Wells; ...2.0004

NITRATES IN PLANTS AND WATER SUPPLIES FROM NITROGEN FERTILIZATION ...Agricultural Runoff; Clay Soils; Groundwater; Soil Depth; Soil Types -also See Specifics; Water Wells; ...2.0223

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Temperature - Air; ...2.0302

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Agricultural Runoff; Farm Pond; Great Plains Province; Precipitation; Precipitation Gages; Sediment Yield; Survey Studies (water); ...2.0366

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Leaching; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Filters; Soil Organic Content; Waste Disposal on Soils; ...2.0988

ANIMAL WASTE UTILIZATION FOR POLLUTION ABATEMENT ...Agricultural Runoff; Farm Animal Wastes; Livestock - nonspecific; Soil Microbiology; Waste Disposal on Soils; ...2.1053

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Glaciology; Groundwater; Lysimeters; Ponds; Soil Moisture; Soil Types -also See Specifics; Till; Water Pollutants - Path of; ...2.1285

SOIL AND WATER MANAGEMENT SYSTEMS FOR DISPOSAL OF DAIRY AND POULTRY WASTES ...Animal Wastes - Feed Lots; Denitrification; Groundwater; Soil Organic Content; Waste Disposal on Soils; ...3.0076

NITRATE POLLUTION FROM DISPOSAL OF DAIRY WASTE ...Animal Wastes - Feed Lots; Drainage; Groundwater; Mineral Nutrition; Soil Profile; Waste Disposal on Soils; ...3.0077

PHYSICAL PROPERTIES OF THE SOILS OF VIRGINIA ...Atlantic Coastal Plain; Piedmont Province; Soil Moisture; Soil Profile; Urban Environment; Waste Disposal on Soils; ...3.0329

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

DEVELOPMENT OF IMPROVED PRINCIPLES AND CHEMICAL AND COMBINATION METHODS FOR CONTROLLING WEEDS IN COTTON ON COARSE TEXTURED SOILS ...Clay Soils; Formulations -nonspecific; Herbicides -nonspecific; Loam - see Soil Types; Organic Soils -see Soils; Pesticide Formulation;

Pesticide Volatility; Physical Degradation; Sandy Soils -see Soil Type; Soil Microbiology; Soil Organic Content; ...4.0097

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Water Pollutants - Path of; ...4.0102

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage, Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology- Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation -see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; ...4.0161

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Oregon; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Organic Content; Soil Profile; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

TRANSFORMATION, MOVEMENT, DISAPPEARANCE OF PESTICIDES AND RESIDUES IN SOILS ...Clay Soils; Pesticide Movement in Soils; Pesticide Persistance in Soils; Picloram; Silty Soils; Soil Organic Content; Soil pH; ...4.0193

INFLUENCE OF ENVIRONMENT ON CHEMICAL WEED SUPPRESSION IN CHRISTMAS-TREE PLANTATIONS ...Abies; Climates -general; Cruciferae; Dalapon; Granules, Capsules; Organic Soils -see Soils; Pesticide Evaluation; Pesticide Residue Analysis; Pinus Resinosa; Pinus Sylvestris; Prometone; Simazine; Soil Moisture; ...4.0497

Soil Thermal Properties

SOIL AND WATER MANAGEMENT FOR SALINITY CONTROL - PHASE II ...Groundwater; Leaching; New Mexico; Pesticides - nonspecific; Saturated - Unsaturated Soils; Soil Saline Properties; Water Pollutants - Path of; ...2.0253

USE OF REACTOR COOLING WATER FROM NUCLEAR POWER PLANTS FOR IRRIGATION OF AGRICULTURAL CROPS ...Atomic Plants; Energy Conversion; High Temp. - 85f Or Above; Photosynthesis; Respiration; Soil Moisture; Thermal Pollution; ...2.0318

REACTOR COOLING WATER FOR AGRO-INDUSTRIAL DEVELOPMENT THROUGH SOIL WARMING ...Agricultural Studies -general; Atomic Plants; Mathematical Models; Soil Moisture; Temperature Regulation; ...2.0319

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption), Computer Models; Drainage; Fertilizers; Impaired Water Use; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Moisture; Soil Water Plant Relationships; ...2.0513

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies, Percolation (water); Seepage (water); Soil Temp. - non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Oklahoma; Remote Sensing; Soil Moisture; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

APPLICATION OF REMOTE SENSING TO HYDROGEOLOGY ...Baseflow; Geology -general; Groundwater Movement; Sanitary Landfills; Soil Tillage; Water Resources Planning; ...2.0866

MIXING PROCESSES IN SATURATED AND UNSATURATED SOIL-WATER SYSTEMS IN RELATION TO POLLUTION ...Chlorine; Fluid Mechanics; Saturated - Unsaturated Soils; Soil Saline Properties; ...2.0965

HEAT AND MOISTURE CONDUCTION IN UNSATURATED SOILS ...Atomic Plants; Energy Conversion; Mathematical Models; Saturated - Unsaturated Soils; Thermal Pollution; ...2.1160

BACTERIAL ADSORPTION ON SOILS ...Adsorption; Bacterial Pollutant Sources; Forecasting - Prediction; Recharge (water); Soil Moisture; Water Pollutants - Path of; Water Wells; ...2.1737

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

SOILS, PESTICIDES, AND THE QUALITY OF WATER ...Adsorption; Clay Soils; Pesticide Formulation, Pesticides -nonspecific; Sandy Soils -see Soil Type; ...4.0187

Soil Tillage

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Utah; Water Supply Augmentation; ...1.0152

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects, Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Storm Sewer Quantity; Suspension; Urban Runoff; Water Reuse; Watersheds; ...2.0019

THE GEOLOGY, HYDROLOGY AND CONTAMINATION OF SHALLOW COASTAL AQUIFERS IN THE ROCKINGHAM DISTRICT, WESTERN AUSTRALIA ...Aquifers; Australia, Coastlines - Shorelines; Geology -general; Water Quality -general; ...2.0026

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Carbonates; Chemical Effects; Forecasting - Prediction; Groundwater Movement; Mass Transfer, Nuclear; Petrology; Seismology; Water Pollutants - Path of; ...2.0062

HYDROLOGIC STUDIES LEADING TO SITE UTILIZATION ...Adsorption Capacity; Management (water); Sediment Transport; Water Utilization -general; ...2.0075

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Water Properties - general; Weathering Products; ...2.0087

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; Water Quality -general; ...2.0098

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Georgia; Groundwater Movement; Lithology; Natural Recharge; Petrology; Specific Rock Unit; Water Table; ...2.0112

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

DEVELOPMENT OF A MATHEMATICAL MODEL TO PREDICT THE ROLE OF SURFACE RUNOFF AND GROUND WATER FLOW IN OVERFERTILIZATION OF SURFACE WATERS ...Agricultural Runoff; Eutrophication; Groundwater; Mathematical Models; Minnesota; Phosphorus and Phosphorus Cpds; Water Balance - Budget; ...2.0208

RESERVOIR SEDIMENTATION ...Aquatic Soils; Chemical Properties; Model Studies; Physical Properties; Reservoirs and Impoundments; Sedimentation; Soil Chemical Properties; Spillways; ...2.0213

WATER RESOURCES IN SOURDOUGH AND MIDDLE CREEK WATERSHEDS - A COMPARATIVE STUDY OF QUALITY AND HYDROLOGY ...Acidity (water); Erosion; Montana; Sedi-

mentation; Suspension; Water Quality Control -general; Watersheds; ...2.0230

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds, ...2.0243

HYDRODYNAMICS AND DISCHARGE MEASUREMENTS OF STORM SEWERS ...Fluid Mechanics; Mathematical Models; Storm Sewer Quantity; Urban Environment; ...2.0249

CANADARAGO LAKE EUTROPHICATION STUDY ...Agricultural Runoff; Biological Water Properties; Data Acquisition; New York; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Urban Runoff; ...2.0256

ROLE OF ANIMAL WASTES IN AGRICULTURAL LAND RUNOFF ...Agricultural Runoff; Agricultural Watersheds; Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Small Watersheds; Water Quality -general; ...2.0293

WATER CONTAMINATION BY FERTILIZER NITROGEN AND PHOSPHORUS ...Agricultural Runoff; Fertilizers; Nitrogen and Nitrogen Cpds.; North Carolina; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Subsurface Runoff; ...2.0294

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Drilling Operation; Groundwater; Iron; Pennsylvania; Underground Workings; Water Table; ...2.0340

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality -general; ...2.0349

GROUNDWATER QUALITY AND THE HYDROLOGIC BUDGET IN A VALLEY UNDERLAIN BY CARBONATE ROCKS ...Carbonates; Groundwater; Mineralogy; Water Quality -general; ...2.0350

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Turbidity (water); ...2.0362

HYDROGEOLOGY OF A WELL FIELD ...Connecticut; Flow Characteristics (water); Geology -general; Water Quality -general; Water Resources Planning; Water Wells; ...2.0367

A SYSTEMS ANALYSIS OF WATER AND NUTRIENT FLOWS IN THE LAKE WINGRA BASIN ...Computer Models; Eutrophication; Mathematical Analysis; Nutrients; Simulation Theory; Systems Analysis; Water Cycle; ...2.0444

EUTROPHIC EVALUATION OF A SMALL MULTI-LAND USE WATERSHED ...Environmental Geology; Lake Michigan; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Small Watersheds; Urban Environment; Wisconsin; ...2.0455

AREA DESCRIPTIONS OF ALABAMA'S ESTUARIES ...Alabama; Benthic Organisms -nonspecific; Data Reduction and Analysis; Effluents - Waste Water; Physical Water Properties; ...2.0462

A METHOD FOR ASSESSING THE EXTENT OF POLLUTION FROM STORMWATER RUNOFF FROM AN URBAN AREA ...Benefit-cost Analysis; Sewer Systems; Storm Sewer Quantity; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0490

HYDROLOGY, USDI ...Automatic Data Aquisition; Data Networks; Estuaries; Glaciology; Man Machine Systems, Remote Sensing; Water Quality -general; ...2.0539

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Estuaries; Geology -general; River Basins; Water Depth, Water Levels, Water Table; Wind; ...2.0558

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo.; Chemical Analysis (water); Environmental Geology; Hydrographs; Land Use; Water Quality -general; Water Table; Water Wells; ...2.0570

HYDROLOGY AND WATER QUALITY OF SURFACE MINING FOR COAL IN PIKE COUNTY, INDIANA ...Automatic Data Aquisition; Coal; Indiana; Mining Industry; Strip Mines; Water Quality -general; ...2.0582

MULTISPECTRAL CAMERA CLUSTER ...Aircraft Remote Sensing; Economics of Natural Resources; Land Use; Surveying; Transportation; Transportation Management; Urban Research -general; ...2.0593

HYDROGRAPHY OF THE PENOBSCOT RIVER ESTUARY ...Density; Dissolved Load; Environmental Changes; Estuaries; Maine; Salinity (water); Water Pollution Abatement; ...2.0607

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Economic Theory; Hydrographs; Mathematical Analysis; Prediction; Rural Areas; Storm Sewer Quantity; Urban Research -general; ...2.0619

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Oklahoma; Remote Sensing; Soil Moisture; Soil Thermal Properties; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

PREDICTION OF WATER QUALITY CHANGE IN A STREAM DUE TO HIGHWAY CONSTRUCTION ON THE DRAINAGE BASIN ...Construction Sites; Forecasting - Prediction; Highway Sites -see Roads; Precipitation; Soil Moisture; Water Quality -general; ...2.0754

INVESTIGATION OF LAKE WATER QUALITY IN EASTERN SOUTH DAKOTA WITH REMOTE SENSING TECHNIQUES ...Aircraft Remote Sensing; Geologic Maps; Lakes; Water Depth, Water Levels, Water Quality -general; ...2.0798

GEOHYDROLOGY OF SHALLOW AQUIFERS IN HENRY AND WEAKLEY COUNTIES, TENNESSEE ...Aquifers; Chemical Analysis (water); Geophysical Analysis; Permeability; Tennessee; Water Wells; ...2.0803

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Texas; Urban Research -general; ...2.0811

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants; Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Water Pollutant Identification; Water Resources Planning; ...2.0847

APPLICATION OF REMOTE SENSING TO HYDROGEOLOGY ...Baseflow; Geology -general; Groundwater Movement; Sanitary Landfills; Water Resources Planning; ...2.0866

HYDROLOGY OF CACHUMA RESERVOIR ...Aeration (water); California; Oxygen Content (water); Plant Population Dynamics - gen; Taste & Odor of Water; Water Quality -general; Water Utilization -domestic; ...2.0878

USE OF THE BOULDER ZONE FOR WATER STORAGE AND/OR FOR WASTE DISPOSAL ...Aquifers; Disposal; Florida; Treatment; Waste Disposal, Underground; Water Storage; ...2.0996

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Contamination; Groundwater Movement; Landfill; Sanitary Landfills; Waste Disposal on Soils; ...2.1007

SHALLOW GROUND-WATER FLOW SYSTEMS IN RELATION TO INDUSTRIAL AND MUNICIPAL WATER SUPPLY AND WASTE DISPOSAL REQUIREMENTS ...Canning Wastes -see Food Proc.; Farm Animal Wastes; Groundwater Movement; Pond; Pulp and Paper Wastes; Urban Research -general; ...2.1138

UNDERGROUND DISPOSAL OF LIQUID WASTES IN BRACKISH WATER FORMATIONS, MARYLAND ...Artificial Recharge; Chemical Water Properties; Cooperative Studies; Government -see Federal Gov.; Maryland; Waste Disposal, Underground; Water Resources Planning; ...2.1286

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation, Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

IMPROVED EXTRACTION SYSTEM - WATER CONTROL - CONTROL TECHNIQUES, FIELD TESTING AND EVALUATION ...Acid Mine Drainage; Analytical Instruments; Coal; Data Acquisition; Geology -general; Mine Atmosphere Conditions; ...2.1402

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Biological Water Properties; Circulation (water); Ecological Effects; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plant Freshwater Ecology; Water Properties -general; ...2.1494

STANDARDS AND CRITERIA - EFFECT OF TURBIDITY ...Chemical Properties; Sediments; Turbidity (water); Water Utilization -general; ...2.1510

WATER TEMPERATURE AS A QUALITY FACTOR IN THE USE OF STREAMS AND RESERVOIRS ...Animal Habitat Studies; Dispersion (water); Meteorological Studies; Temperature (water); Thermal Pollution; Water Pollution Sources; ...2.1514

STUDY OF POSSIBLE EFFECTS OF STRIP COAL MINING ON THE HYDROLOGICAL REGIMEN IN EASTERN MONTANA ...Coal; Groundwater; Mine Wastes; Montana; Rainfall - Runoff Relationship; Water Pollution Sources; Water Storage; ...2.1630

HYDROLOGY OF THE CRYSTALLINE ROCK SYSTEM IN SOUTHEASTERN STATES ...Alabama; Groundwater; Maryland; Petrology; Piedmont Province; Southeast U. S.; Water Quality -general; Water Yield; ...2.1660

HYDROLOGIC INFLUENCES OF STRIP MINING, BEAVER CREEK, KENTUCKY ...Appalachia; Cumberland River; Kentucky; Small Watersheds; Strip Mines; ...2.1670

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Tennessee; Wildlife Habitats -see Animal; ...2.1716

COAL STRIP MINE WATERSHED STUDY ...Alabama; Coal; Data Acquisition; Engineering Structures-general; Pollution Effects -see Water; Strip Mines; Water Quality -general; Watersheds; ...2.1719

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

GEOLOGIC AND HYDROLOGIC STUDIES RELATED TO SPECIFIC POLLUTION PROBLEMS ...Alabama; Geology - general; Groundwater; Water Quality -general; ...2.1785

EVALUATION OF GROUNDWATER RESOURCES, LIVERMORE VALLEY, CALIFORNIA ...California; Flow Characteristics (water); Management (water); Model Studies; Water Quality -general; ...2.1789

FORMULATION OF A GENERAL MATHEMATICAL MODEL FOR THE PREDICTION OF THERMAL ENERGY CHANGES IN IMPOUNDMENTS ...Climatology; Development of Models; Hydraulics; Reservoirs and Impoundments; Water - Alternative Uses; ...2.1798

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal; Bays; Florida; Social Aspects; Urban Environment; Urban Planning; Urban Research -general; Water Quality -general; Water Resources Planning; ...2.1809

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Administration and Management; Biological Water Properties; Chesapeake Bay; Information Systems; Management (water); Social Aspects; Systems Analysis - Water Mgmt; ...2.1840

DEVELOPING BROADLY COHERENT MULTIDISCIPLINARY RESEARCH AND GRADUATE TRAINING PROGRAMS IN ENVIRONMENTAL QUALITY ...Conservation -see Soil Conser.; Plant Ecology -nonspecific; Training Grants, Fellowships; Waste Disposal-see Solid Waste; ...2.1853

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTH MISSISSIPPI ...Benefit-cost Analysis; Economic Impact; Erosion; Land Use; Mississippi; Sediments; Water Resources Planning; Watersheds; ...2.1861

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Groundwater; Illinois; Leaching; Waste Disposal on Soils; ...3.0133

DEVELOPMENT OF EQUIPMENT AND TECHNIQUES FOR CROP RESIDUES ...Gossypium; Loam -see Soil Types; Plant Residues, Humus, Compost; Population Dynamics -general; Soil Moisture; Waste Disposal on Soils; ...3.0201

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Structure -other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

SOIL PRODUCTIVITY AS AFFECTED BY MICROBIAL ACTIVITY IN CROP RESIDUES AND ANIMAL WASTES ...Bioindicators; Patulin; Plant Residues, Humus, Compost; Soil Chemical Properties; Soil Microbiology; Soil Temp. -non-specific; Stubble Mulching; Triticum; ...3.0389

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

CHEMICAL AND PHYSICAL PROPERTIES OF ORGANIC MATTER OF MICHIGAN SOILS ...DDT; Environment Accumulation Rates; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Soil Organic Content; Soil Types -also See Specifics; ...4.0128

WEED CONTROL IN SORGHUM ...Bioassay; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Pesticide Residues; Sorghum; ...4.0371

WEED CONTROL IN SOYBEANS ...Bioassay; Glycine; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Residues; ...4.0372

THE USE OF HERBICIDES FOR WEED CONTROL IN COTTON ...Bioassay; Economics of Chemical Control; Herbicides -nonspecific; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0373

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; Vegetables; ...4.0375

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; D, 2,4-; Diuron; Pesticide Application Rates; Pesticide Formulation; Pesticide Safety Measures; Simazine; Terbacil; Vitaceae; ...4.0415

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Panicum -other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Zea Mays - Field Corn; ...4.0445

IMPROVEMENTS OF FLUE-CURED TOBACCO BY DEVELOPMENT OF MORE ADEQUATE FERTILIZATION, AND CROPPING SYSTE ...Penar; Pesticide Evaluation; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; Space Competition; Tillage, Cropping Systems; ...4.0476

PLOWSHARE SPECIAL STUDIES ...Arizona; Copper; Geology - general; Management (water); Seismology; Underground Storage; ...5.0021

DEVELOP TECHNIQUES FOR DECONTAMINATING SOILS POLLUTED WITH RADIOACTIVE MATERIALS OR HEAVY METALS ...Bioindicators; Lead; Mineral Nutrition; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Zea Mays - Field Corn; ...5.0041

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOCATIVE MATERIALS ...Absorption (incl. Adsorption); Ion Transport and Elect. Pot.; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; X and Gamma Rays; ...5.0043

AMCHITKA GEOLOGIC INVESTIGATIONS ...Alaska; Geologic Maps; Marine Geology; Seismology; Structural Analysis - Geology; Tectonics; ...5.0204

EQUIPMENT AND METHODS FOR DECONTAMINATION OF AGRICULTURAL LANDS CONTAMINATED BY RADIOACTIVE FALLOUT ...Deep Plowing; Plowing; Radioactive Contamination; Seedbed Preparation; Soil Chemical Properties; Soil Depth; Waste Disposal on Soils; ...5.0355

Chemical Tillage Or Nontillage

ANNUAL AND PERENNIAL WEED CONTROL IN SORGHUM, WINTER WHEAT AND SUMMER FALLOWED LAND ...Atrazine ; Minimum Tillage; Pesticide Evaluation; Pesticide Persistance in Soils; Sorghum; Tillage, Cropping Systems; ...4.0113

REPLACEMENT OF CULTIVATION WITH CHEMICALS ...Algae -nonspecific; Bacteria -nonspecific; Chenopodiaceae; Herbicides - nonspecific; Poland; Soil Chemical Properties; Soil Moisture; Tillage, Cropping Systems; ...4.0168

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; D, 2,4-; Panicum -other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide

Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Tillage; Zea Mays p Field Corn; ...4.0445

CONTROL OF UNWANTED PLANT GROWTH IN CROPS, FOREST, WATER AND RECREATIONAL AREAS ...Amiben, Arachis; Benefin; Blades; Dacthal; Diphenamid; Linuron; Panicum -other; Pesticide Evaluation; Picloram; Prometryne; Rosaceae; Simazine; Tillam; Vcs-438; ...4.0501

Cultivating

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Equipment; Labiatae; Nematoda; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; Viruses - Animal; ...4.0163

Deep Plowing

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Forecasting - Prediction; Fruit, Nut, and Berry Crops; Soil Depth; Soil Types -also See Specifics; Water Table; ...2.1227

HANDLING AND DISPOSAL OF POULTRY WASTES ...Aeration; Animal Wastes - Feed Lots; Farm Animal Wastes; Northeast U. S.; Waste Disposal on Soils; ...3.0234

REACTIONS OF PESTICIDES WITH SOILS ...Carbon; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Soil Chemical Properties; Soil Moisture; Soil Structure; ...4.0088

EQUIPMENT AND METHODS FOR DECONTAMINATION OF AGRICULTURAL LANDS CONTAMINATED BY RADIOACTIVE FALLOUT ...Plowing; Radioactive Contamination; Seedbed Preparation; Soil Chemical Properties; Soil Depth; Soil Tillage; Waste Disposal on Soils; ...5.0355

Disking

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Msma; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

Fallowing

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots; Contamination - Soil; Cynodon; Farm Animal Wastes; Fertilizer Toxicity; Groundwater; Rain; Soil Chemical Properties; Waste Disposal on Soils; ...3.0005

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Rotary Tillage; Rotary Hoe; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues; Humus; Compost; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

Furrowing Or Hilling

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types - also See Specifics; Waste Disposal on Soils; ...3.0223

CABBAGE MAGGOT AND ITS CONTROL ...Bayer 25141; Dyphonate; Pesticide Evaluation; Zinophos; ...4.0412

Harrowing

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules; Capsules; Liquids Or Sprays; Mulches; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Tillage; Cropping Systems; Zea Mays - Field Corn; ...4.0138

SOIL PLACEMENT OF HERBICIDES FOR WEED CONTROL IN COTTON ...Arsenic; Cotoran; Diuron; Gossypium; Msma; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Depth; ...4.0385

Minimum Tillage

SOIL INVERTEBRATES INFLUENCE ON CORN RESIDUES ...Arthropods; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Planting Methods; Population Dynamics -general; Soil Microbiology; ...4.0108

ANNUAL AND PERENNIAL WEED CONTROL IN SORGHUM, WINTER WHEAT AND SUMMER FALLOWED LAND ...Atrazine; Chemical Tillage Or Nontillage; Pesticide Evaluation; Pesticide Persistance in Soils; Sorghum; Tillage; Cropping Systems; ...4.0113

Plowing

WATER QUALITY HYDROLOGY OF LANDS RECEIVING FARM ANIMAL WASTES ...Agricultural Runoff; Bos; Farm Animal Wastes; Waste Disposal on Soils; ...2.0379

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

HANDLING AND DISPOSAL OF POULTRY MANURE ...Farm Animal Wastes; Poultry -nonspecific; Waste Disposal on Soils; ...3.0221

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types - also See Specifics; Waste Disposal on Soils; ...3.0223

SOIL INVERTEBRATES INFLUENCE ON CORN RESIDUES ...Arthropods; Minimum Tillage; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Planting Methods; Population Dynamics -general; Soil Microbiology; ...4.0108

EQUIPMENT AND METHODS FOR DECONTAMINATION OF AGRICULTURAL LANDS CONTAMINATED BY RADIOACTIVE FALLOUT ...Deep Plowing; Radioactive Contamination; Seedbed Preparation; Soil Chemical Properties; Soil Depth; Soil Tillage; Waste Disposal on Soils; ...5.0355

Rotary Tillage, Rotary Hoe

SYSTEMS OF WEED CONTROL ...Atrazine; Climates -general; Fallowing; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Picloram; Silty Soils; Sorghum; Zea Mays - Field Corn; ...4.0142

Seedbed Preparation

EQUIPMENT AND METHODS FOR DECONTAMINATION OF AGRICULTURAL LANDS CONTAMINATED BY RADIOACTIVE FALLOUT ...Deep Plowing; Plowing; Radioactive Contamination; Soil Chemical Properties; Soil Depth; Soil Tillage; Waste Disposal on Soils; ...5.0355

Soil Types -also See Specifics

SORPTION AND MOVEMENT OF POLLUTED WATER IN SOIL ...Filtration ; Groundwater; Pesticide Movement in Soils; Pesticides -nonspecific; Soil Chemical Properties; Water Chemistry; ...2.0030

CHARACTERIZATION OF SOIL NONWETTABILITY AND THE DEVELOPMENT OF CRITERIA FOR THE MOST ECONOMIC TREATMENT OF THESE SOILS ...Fire Damage; Recovery; Infiltration; Soil Conditions; Soil Moisture; Surfactants -see Detergents; ...2.0044

THE QUANTITY & MOVEMENT OF NITRATES IN SOIL WATER IN TWO CONNECTICUT SOILS TREATED WITH HIGH & LOW LEVELS OF INORGANIC NITROGEN FERTILIZER ...Fertilizers; Groundwater; Lysimeters; Soil Depth; Soil Moisture; Tension and Measurement; Zea Mays - Field Corn; ...2.0089

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

NITRATE IN SURFACE WATERS IN ILLINOIS ...Fertilizers; Illinois; Small Watersheds; ...2.0130

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles; Infiltration; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Tillage; Cropping Systems; ...2.0147

NITRATES IN WATER SUPPLIES ...Animal Wastes - Feed Lots, Fertilizers; Soil Analysis; Soil Chemical Properties; Waste Disposal on Soils; Water Supply -general; ...3.0222

NITRATES IN PLANTS AND WATER SUPPLIES FROM NITROGEN FERTILIZATION ...Agricultural Runoff; Clay Soils; Groundwater; Soil Depth; Water Wells; ...2.0223

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Stratigraphic Studies; Urban Research - general; ...2.0329

YIELD OF NUTRIENTS FROM AGRICULTURAL LAND TO WATER SOURCES ...Chemical Analysis (water); Fertilizers; Loam -see Soil Types; Sandy Soils -see Soil Type; Silty Soils; Soil Depth; ...2.0353

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Oklahoma; Remote Sensing; Soil Moisture; Soil Thermal Properties; Tension and Measurement; Watersheds; ...2.0738

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Forecasting - Prediction; Fruit, Nut, and Berry Crops; Soil Depth; Water Table; 2.1227

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Glaciology; Groundwater; Lysimeters; Ponds; Soil Moisture; Till; Water Pollutants - Path of; ...2.1285

RELATIONSHIPS BETWEEN LOGGING ACTIVITIES AND SALMON PRODUCTION ...Aquatic Ecology - Animal; Circulation (water); Environmental Ecology; Sediments; Spawn Or Nesting Sites; ...2.1478

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources; Chemical Water Properties; ...asting - Prediction; Mathematical Models; Planning; Rain; Runoff (water); Water Quality Control -general; ...2.1711

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Clay Soils; Farm Animal Wastes; Irrigation; Livestock -nonspecific; Poultry -nonspecific; Silty Soils; Waste Disposal on Soils; Zea Mays - Field Corn; ...3.0147

CROP RESIDUE DISPOSAL ...Gossypium; Loam -see Soil Types; Plant Residues, Humus, Compost, Plant Waste Removal, Treatment, Planting Methods; Sandy Soils -see Soil Type; Soil Depth; ...3.0199

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Waste Disposal on Soils; ...3.0223

ULTIMATE DISPOSAL OF SLUDGES BY SURFACE SPREADING ...Dewatering; Disposal; Oxidation; Percolation (water); Pipelines; Soil Microbiology; Waste Disposal on Soils; ...3.0259

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Structure -other; Water Table; Zea Mays - Field Corn; ...3.0301

PHYSICAL PROPERTIES OF THE SOILS OF VIRGINIA ...Atlantic Coastal Plain; Piedmont Province; Soil Moisture; Soil Profile; Soil Texture; Urban Environment; Waste Disposal on Soils; ...3.0329

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

AN EVALUATION OF THE INSECTICIDE 'SEVIN' AS A WATERSHED POLLUTANT ...Environment Accumulation Rates; New York; Pesticide Residues; Population Dynamics - general; Water Pollutants - Path of; ...4.0057

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin, DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp -non-specific; Surfactants - Wetting Agents; ...4.0093

SOIL FUMIGANT CHEMICALS AND THEIR EFFECTS ON SOIL MICROFLORA ...Bacteria -nonspecific; Nematoda; Pesticide Phytotoxicity; Plant Pathogenetic Fungi; Soil Depth; Soil Microbiology; Soil Moisture; ...4.0107

INFLUENCE OF CLIMATE AND SOIL ON ACTIVITY AND PERSISTENCE OF SOIL-APPLIED HERBICIDES ...Ametryn; Bioassay; Bromacil; Clay Soils; Cotoran; Foreign Agriculture; Igran; Israel; Linuron; Organic Soils -see Soils; Pesticide Persistance in Soils; Prometryne; Soil Chemical Properties; ...4.0112

CHEMICAL AND PHYSICAL PROPERTIES OF ORGANIC MATTER OF MICHIGAN SOILS ...DDT; Environment Accumulation Rates; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Soil Chemical Properties; Soil Organic Content; Soil Tillage; ...4.0128

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Triazines -nonspecific; ...4.0143

FATE OF PESTICIDES IN CLAY AND SOIL SYSTEMS ...Clay Soils; Diphenamid; Linuron; Pesticide Persistance in Soils; Soil Chemical Properties; ...4.0147

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Bioassay; Colloids; Pesticide Formulation; Pesticide Persistance in Soils; Pesticide Residues; Plant Tissue Analysis -chem.; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Actinomycetes -nonspecific; Dibromoethane; Diuron; Loam -see Soil Types; Maneb; Pesticide Application Rates; Pesticide Toxicity to Microorg; Soil - Alkaline; Soil Fungi -nonspecific; Soil Microbiology; Soil pH; Zineb; ...4.0169

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Terbacil; ...4.0170

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Herbicides -nonspecific; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Residues; ...4.0177

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

FACTORS AFFECTING THE TOXICITY AND SELECTIVITY OF PRE-EMERGENCE SOIL HERBICIDES ...Anaerobic Bacteria; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Pesticide Residues Removal; Pyrazon; Soil Fungi -nonspecific; ...4.0247

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant Residues in Foods; Vegetables; ...4.0348

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules; Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Terbacil; ...4.0390

FACTORS INFLUENCING THE EFFECTIVENESS OF HERBICIDES ...Agricultural Runoff; Betulaceae; Diuron; Irrigation; Pesticide Evaluation; Plant Growth Regulators -ns-; ...4.0453

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandazac; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Trifluralin; Turf; ...4.0481

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Climates -general; Flood Irrigation; Loam -see Soil Types; Pesticide Persistance in Soils; Pesticide Residues; Sandy Soils -see Soil Type; Sprinkler Irrigation; Urea Cpds -nonspecific; ...4.0484

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Temperature - Air; Ulmaceae; ...4.0485

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Aquifoliaceae; Conifers; Granules; Capsules; Ornamentals; Pesticide Application Rates; Pinus (other Specifics); ...necio; Washington; ...4.0510

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates; Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; ...4.0511

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Chemical Analysis; D, 2,4- ; Environment Accumulation Rates; Pesticide Rates -general; Residues in Foods; ...4.0526

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Aquatic Plants -nonspecific; Carbon; Endrin; Environmental Physiology; Fish; Pesticide Action on Animals; ...4.0532

PESTICIDE RESIDUES - THEIR NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND SOILS ...Herbicides and Other Chem; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticide Residues; ...4.0935

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Atrazine; Bioassay; Environment Accumulation Rates; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Prometryne; ...4.1035

FATE AND PERSISTENCE OF PESTICIDES AND PHYSIOLOGICALLY ACTIVE DEGRADATION PRODUCTS ...Degradation; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -nonspecific; Pesticides -see Pesticide; Physical Degradation; ...4.1104

INTERFERING SOIL CONSTITUENTS IN DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND WATER ...Agricultural Runoff; Chemical Analysis; Pesticide Aquatic Cycling; Pesticides -nonspecific; Pesticides -see Pesticide; Soil Chemical Properties; ...4.1131

A STUDY OF UNSUPPORTED 210 PO ION EXCHANGE IN SOILS, UPTAKE IN VEGETATION AND COMPARISON WITH DIRECT AERIAL DEPOSITION ...Absorption (incl. Adsorption); Polonium; Radioactive Fallout-cf Fallout; Soil Microbiology; Translocation; ...5.0024

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Tracers; ...5.0063

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Trifluralin; X and Gamma Rays; ...5.0064

A SURVEY OF CHEMICAL AND PHYSICAL PROPERTIES OF SOILS AT THE NEVADA TEST SITE ...Arid and Desert Regions; Nevada; Plant Species Diversity; Soil Chemical Properties; ...5.0183

Aggregate

CONVERTING INCINERATOR RESIDUE TO USEFUL MATERIALS ...Furnaces; Incineration; Recoverable Materials; Transportation; ...3.0398

Gravel

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

JOINT LAND-USE FOR CONSERVATION OF NATURAL RESOURCES AND DISPOSAL OF SOLID WASTES ...Disposal; Landfills -see Water Pollution; Sand Transportation; Urban Research -general; ...3.0349

Sand

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Ash-coal Filters; Filters-filtration; Filtration; Pilot Plants; Soil Particle Size; Turbidity (water); Water Distribution Systems; ...2.0887

SAND RECOVERY ...Dredging; Ecological Effects; Hawaii; Marine Biology - General; Pollution Effects -see Water; Recreation; Water Resources; ...2.1541

JOINT LAND-USE FOR CONSERVATION OF NATURAL RESOURCES AND DISPOSAL OF SOLID WASTES ...Disposal; Gravel; Landfills -see Water Pollution; Transportation; Urban Research -general; ...3.0249

Saturated- Unsaturated Soils

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

FURTHER STUDIES OF INFILTRATION ...Disposal; Drainage; Groundwater; Infiltration; Subsurface Runoff; Waste Water Treatment -general; ...2.1183

Shale

STABILIZATION OF LOW-GRADE AND WASTE MATERIALS ...British Isles; Ceramics; Chalky Limestone; Construction Materials; Pavement; Recoverable Materials; Soil Cement; ...3.0324

Soil Cement

STABILIZATION OF LOW-GRADE AND WASTE MATERIALS ...British Isles; Ceramics; Chalky Limestone; Construction Materials; Pavement; Recoverable Materials; Shale; ...3.0324

Soil Water Plant Relationships

EFFECTS OF FLUORIDES IN AIR, WATER, AND SOIL ON GROWTH, QUALITY, AND YIELDS OF TREE, FIELD, AND VEGETABLE CROPS ...Air - Water - Plant Relations; Aluminum; Fluorine; Gases; Mineral Nutrition; Zinc; ...1.0319

SORPTION AND MOVEMENT OF POLLUTED WATER IN SOIL ...Filtration; Groundwater; Pesticide Movement in Soils; Pesticides -nonspecific; Soil Chemical Properties; Soil Types -also See Specifics; Water Chemistry; ...2.0030

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality - general; Water Table - Depth of; ...2.0096

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil pH; Strip Mines; Toxic Minerals; ...2.0159

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

HYDRO- AND BIO-GEOCHEMISTRY OF HEAVY METALS ...Geological Exploration; Mineral Analysis; ...2.0511

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Computer Models; Drainage; Fertilizers; Impaired Water Use; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Moisture; ...2.0513

MINIMIZING NITRATE POLLUTION OF GROUNDWATER AND STREAMS ..Absorption (incl. Adsorption), Groundwater, Nitrogen Cycle -see Denitrif., Rhizosphere, Soil Profile, ..2.1013

SYSTEMS APPLICATIONS IN AGRICULTURE ..Agricultural Economics, Farm Animal Wastes, Forest Management, Marketing, ..3.0185

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ..D, 2,4-, Leaching, Oregon, Pesticide Movement in Soils, Pesticides -see Pesticide, Soil Chemical Properties, Soil Organic Content, Soil Profile, Water Pollutants - Path of, ..4.0165

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - II. MOVEMENT OF RADIONUCLIDE IONS IN SOILS ..Absorption (incl. Adsorption), Mathematical Models, Radioisotopes, Soil Chemical Properties, Strontium, ..5.0039

CHARACTERIZATION OF SOIL & VEGETATION TO SERVE AS A BASIS FOR FUTURE EVALUATIONS OF RADIOACTIVE CONTAMINATION EFFECTS (ABBREV) ..Absorption (incl. Adsorption), Chemical Extraction, Diquat, Paraquat, Radioactive Fallout, Water Pollutants - Path of, ..5.0570

TERRESTRIAL PLANT ECOLOGY ..Absorption (incl. Adsorption), Plant Community Mapping, Plant Phenology, Plant Succession, Soil Minerals -natural, ..5.0752

Solar Cells

REAL-TIME SPACE AND NUCLEAR EFFECTS ON SOLAR CELLS ..Space Science and Technology, ..5.0168

REAL-TIME SPACE NUCLEAR EFFECTS ON SOLAR CELLS FOR SPACECRAFT PRIMARY POWER ..Space Science and Technology, ..5.0758

Solar Light

ENVIRONMENTAL REQUIREMENTS OF POULTRY ..Air Pollution -see Specifics, Environmental Physiology, Humidity, Wind - see Air Motion, ..1.0374

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ..Aircraft Remote Sensing, Aquatic Ecology - Animal, Electric Power Plants, Environmental Ecology, Infrared Radiation, Mapping, Survey Studies (water), Temperature (water), Thermal Pollution, ..2.0524

LIVESTOCK ENVIRONMENTAL FACILITIES ..Arid and Desert Regions, Environmental Physiology, Farm Structures & Design, Heat Exchange, Maps -general, Ovis, Radiation -terrestrial, Sewage Lagoons, Solar Radiation -sunshine, Sun, Wind -see Air Motion, ..3.0069

FUR ANIMAL NUTRITION STUDIES ..Animal Pharmacology, Dieldrin, Mustelidae, Scorpaenidae, TDE, ..4.0663

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ..Air Pollution -see Specifics, Aldrin, Diazinon, Heptachlor, Irrigation, Methyl Parathion, Parathion, Pesticide Persistance in Soils, Pesticide Residues, Radiation Sources -general, Water Pollutants - Path of, ..4.1033

Solid Waste

SELENIUM AND ITS SIGNIFICANCE AS AN AIR POLLUTANT ..Adsorption, Catalysts, Combustion, Disposal, Fuels, Trace Elements, ..1.0057

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ..Channel Roughness, Currents (water), Estuaries, Fluid Mechanics, Forecasting - Prediction, Rate of Deposition, Sedimentation, Turbidity (water), ..2.0101

WATER POLLUTION FROM SANITARY LANDFILLS ..Groundwater, Landfills -see Water Pollution, Massachusetts, New Hampshire, Sanitary Landfills, Waste Disposal on Soils, ..2.0181

UNDERSTANDING OF THE INFILTRATION OF RAIN INTO BURIED WASTE ..Burial, Leaching, Soil Moisture, Waste Disposal, Water Pollution Sources, ..2.0357

GROUND WATER CONTAMINATION RESULTING FROM WASTE DISPOSAL ..Groundwater, South Dakota, Water Pollutants - Path of, Water Pollution Effects, Water Pollution Sources, ..2.0360

TRANSPORT OF SOLID SUSPENSION IN CONDUITS ..Design Criteria, Fluid Mechanics, Pipe, Pipes, Sewer Systems, ..2.1087

WATER QUALITY CONTROL WITH SYNTHETIC POLYMERIC FLOCCULANTS - EFFECT OF MG, CA, CU, & ZN IONS ON BACTERIA & ALGAE (ABBREV) ..Additives, Bacterial Pollutant Sources, Flocculation, Sewage Treatment Plant, Waste Water Treatment -general, Water Quality Control -general, ..2.1206

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ..Agricultural Studies -general, Chemical Oxygen Demand, Farm Animal Wastes, Food Processing Industries, Plant Waste Removal, Treatment, Water Costs, Water Resources Development, ..2.1213

MECHANISMS OF SLUDGE THICKENING ..Activated Sludge, Mechanism Determination, Thickening, Waste Treatment, ..2.1256

RECLAMATION OF ENERGY FROM ORGANIC REFUSE ..Anaerobic Wastewater Treatment, Digestion, Fuels, Organic Matter, Sewage - Domestic, Waste Material Recovery, ..2.1361

USE OF LIME-SODA ASH SLUDGE FOR THE TREATMENT OF MUNICIPAL WASTEWATER ..Disposal, Lime Treatment, Sewage - Domestic, Waste Treatment Economics, Water Pollution Sources, ..2.1275

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ..Benthic Organisms -nonspecific, Disposal, Harbors, Industrial Wastes, Marine Biology - General, Marine Pollution, Ocean Dumping, Sea Water Properties, ..2.1383

CONTROL OF MINERAL CONSTITUENTS IN WASTE WATER BY ELECTRODIALYSIS ..Demineralization, Electrodialysis, Mineralogical Water Properties, Pilot Plants, Waste Water Treatment -general, ..2.1364

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ..Alum Waste Water Treatment, Biochemical Oxygen Demand, Electrodialysis, Flocculation, Ion Exchange, Sand Filters, Waste Treatment Economics, ..2.1365

POLLUTION PREVENTION BY AERATION OF FRUIT PROCESSING WASTES ..Activated, Aerobic Bacteria, Biochemical Oxygen Demand, Food Processing Industries, Lagoon, Plant Waste Removal, Treatment, Waste Drying, ..2.1449

RESEARCH AND REFERENCE TO SEWAGE EFFLUENT PONDS ..Activated Sludge, Biochemical Oxygen Demand, Linings - Pavings, Pond, Waste Water Treatment -general, ..2.1457

PHARMACOLOGY OF METAL POISONING IN ESTUARINE FISHES ..Animal Pharmacology, Contamination - Water, Environmental Physiology, Mineralogical Water Properties, Pollution Effects -see Water, ..2.1700

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ..Coastlines - Shorelines, Economics of Natural Resources, Lake Superior, Recreation, Outdoor, Regional Economics, Tectonics, Water Quality Control -general, ..2.1937

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES ..Anthracite, Contamination, Industrial Wastes, Infiltration, Leaching, Mine Wastes, Percolation (water), Site -see Waste Disposal, ..3.0032

CARBONIZATION OF MUNCIPAL AND INDUSTRIAL WASTE ..Chemical Analysis -general, Pilot Plants, Sewage - Domestic, Thermal Decomposition, Waste Material Recovery, ..3.0039

COMPILATION OF READINGS AND CASE MATERIALS ON TECHNOLOGY ASSESSMENT ..Air Pollution -see Specifics, Demographic, Government -see Federal Gov., Noise, Public Health, Technology - Social Impact, Water Pollution -see Specifics, ..3.0048

COMPREHENSIVE STUDIES OF SOLID WASTES MANAGEMENT ..Development of Models, Disposal, Economic Studies - general, Land Use, Public Utilities, Regional Or State Studies, ..3.0066

A SOLID WASTES MANAGEMENT SYSTEM FOR THE BAY REGION ..Disposal, Farm Animal Wastes, Plant Waste Removal, Treatment, Public Utilities, Waste Management -see Specific, Waste Material Recovery, ..3.0079

A METHOD OF MANURE DISPOSAL FOR A BEEF PACKING OPERATION ..Animal Wastes - Feed Lots, Bin, Farm Animal Wastes, Feces, Illinois, Waste Disposal-see Solid Waste, ..3.0121

DECISION MAKING AND SOLID WASTE DISPOSAL ..Disposal, Waste Disposal-see Solid Waste, ..3.0122

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ..Chemical Analysis (water), Groundwater, Illinois, Leaching, Soil Tillage, Waste Disposal on Soils, ..3.0133

THERMOPHILIC METABOLISM IN SOLID SUBSTRATES ..Aerobic Waste Water Treatment, Degradation, Landfills -see Water Pollution, Urban Research -general, Waste Disposal on Soils, ..3.0188

FARM ANIMAL WASTE DISPOSAL ..Animal Wastes - Feed Lots, Climates -general, Farm Animal Wastes, Microorganisms - nonspecific, Waste Disposal on Soils, ..3.0197

EXPERIMENTS TO DETERMINE THE EFFECTIVENESS OF PHOSPHATE REMOVAL BY MEANS OF THE MOVING BED

FILTER ..Filtration, Flo -rolation; Process Design; Waste Treatment Economics, ..3.0211

SOLID AND LIQUID WASTES ..Activated Sludge, Flocculation, Salmonella -nonspecific & -ot.; Waste Water -general, ..3.0219

HEAT TRANSFER STUDIES ON SLUDGE SUSPENSION Digestion, Disposal, Fluid Mechanics, Heat Transmission, Pipelines, Soil Amendments, Waste Disposal on Soils, ..3.0263

CHEMICAL TRANSFORMATION OF SOLID WASTES Disposal, Farm Animal Wastes, Plant Waste Removal, Treatment, Recoverable Materials, Waste Material Recovery, ..3.0282

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION Bacteria -nonspecific, Calorimetry, Degradation, Fungi -nonspecific, Industrial Wastes, Phenolysis, Pulp and Paper Wastes, Thin Layer Chromatography, Waste Water Degradation, ..3.0284

PIPE TRANSPORT OF SOLID WASTE ..Biological Treatment-general; Costs -see Economics Entries; Pipelines, Pipes, Sewage - Domestic; Transportation; Urban Research -general, ..3.0291

PYROLYSIS OF SOLID WASTES ..Disposal, Pyrolysis, Recoverable Materials, ..3.0293

DESIGN OF A WATER DISPOSABLE PACKAGING CONTAINER ..Ceramics; Coatings -see Materials; Corrosion; Deterioration; Fluid Mechanics; Materials -properties; Packaging Materials, ..3.0309

DEVELOPING NEW USES FOR MILLING RESIDUES ..Acid Mine Wastes; Metal Processing Wastes; Refractory; Waste Material Recovery, ..3.0328

PHOSPHORUS REMOVAL BY TRICKLING FILTER SYSTEMS Biochemical Oxygen Demand; Phosphorus and Phosphorus Cpds; Trickling Filters; Waste Management -see Specific; Wisconsin, ..3.0347

Solid Waste Management

COTTON MATERIALS HANDLING AND AIR TRASH SEPARATION ..Air Pollution -see Specifics, Gossypium; Plant Waste Removal, Treatment, ..1.0591

SEPARATION AND COLLECTION OF COTTON GIN DUST ..Electrostatic Precipitators, Gossypium; Plant Waste Removal, Treatment, ..1.0646

GOVERNMENTAL AND PRIVATE SERVICES ..Air Pollution, Consultants, Advisory Services; Groundwater; Waste Disposal-see Solid Waste; Waste Management -see Specific; Water Quality Control -general, ..2.1871

APPLICABILITY OF ARDOX CATALYSTS TO THE OXIDATION OF MUNICIPAL SEWAGE EFFLUENTS AND OF WASTES PRODUCED DURING MANNED SPACE FLIGHT Catalysts; Catalytic; Effluent standards; Sewage - Domestic; Sewer Systems; Waste Disposal-see Solid Waste, ..3.0952

COMMUNITY ACTION PROGRAM FOR SOLID WASTES MANAGEMENT ..Meetings, ..3.0105

STUDY OF ECONOMICS OF HOSPITAL SOLID WASTE SYSTEMS ..Administration and Management, Equipment Costs; Hospitals; Production Size Economies of, ..3.0192

MATERIAL DISPOSAL ..Disposal; Waste Disposal-see Solid Waste, ..3.0332

TUBE TRANSPORT - AN IMPROVED CONCEPT OF URBAN REFUSE COLLECTION, TRANSPORTATION AND RECYCLING ..Pumps; Transportation; Transportation Management; Urban Research -general, ..3.0387

Collection

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ..Access; Automobile & Components; Business; Office Personnel; Dyes; Education -see Training; Incineration; New Hampshire; Recreation; Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general, ..2.1868

DESIGN OF OPTIMAL REFUSE STORAGE DEPOSITORY SYSTEM FOR SERVICING MULTIPLE DWELLING UNIT BUILDINGS IN ECONOMICALLY DISADVANTAGED AREAS ..Public Utilities; Urban Research -general; Waste Type; ..3.0095

ROADSIDE LITTER COMPOSITION ..Meetings, Waste Type; ..3.0104

URBAN WASTE DISPOSAL IN THE SLUM DISTRICTS OF SOUTH BOSTON AND ROXBURY ..Disposal; Public Utilities; Urban Research -general, ..3.0176

PIPE TRANSPORT OF SOLID WASTE ..Biological Treatment-general; Costs -see Economics Entries; Pipelines; Pipes; Sewage - Domestic; Transportation; Urban Research -general, ..3.0291

COLLECTING AND TRANSPORTATION OF HOUSEHOLD WASTE ..Home Economics; Transportation, ..3.0314

ANALYSIS OF SOLID WASTE DISPOSAL METHODS ..Incineration; Pipelines; Transportation; Waste Type; ..3.0318

Disposal

SYSTEMS EVALUATION OF REFUSE AS A LOW SULFUR FUEL ..Air Cleaning Devices; Incineration; Power Plants; Urban Research -general, ..1.0439

AIR POLLUTION CONTROL COSTS ASSOCIATED WITH SOLID WASTE DISPOSAL ..Air Pollution-chemistry; Body; Inorganic Gases; Particulates - Air Pollution; Waste Type, ..1.0463

A MODEL FOR AIR POLLUTION CONTROL ..Air Pollution; Air Pollution-chemistry; Economic Theory; Gases; Mathematical Models; Model Studies; Particulates - Air Pollution; Weather Data, ..1.0551

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS Bulk; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics, ..3.0973

LAKE ERIE DIKE ..Dams -general; Harbors; Iron and Steel Industry; Model Studies; Physical Models; Sediments; Waste Type; Waves -see Ocean Waves, ..2.1051

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS Benthic Organisms -nonspecific; Harbors; Industrial Wastes; Marine Biology - General; Marine Pollution; Ocean Dumping; Sea Water Properties; Solid Waste, ..2.1383

NORTHEAST VIRGINIA ..Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils, ..2.1839

SURVEY OF REFUSE ORIGINATING ABOARD NAVAL VESSELS AT SEA ..Incineration; Marine Materials; Plastics; Waste Type, ..3.0026

FOOD PROCESSING WASTES ..Food Processing Wastes; Plant Waste Removal, Treatment, Recoverable Materials; Waste Material Recovery; Waste Water Treatment -general, ..3.0035

COMPREHENSIVE STUDIES OF SOLID WASTES MANAGEMENT ..Development of Models; Economic Studies -general; Land Use; Public Utilities; Regional Or State Studies; Solid Waste; ..3.0066

SOLID WASTE DISPOSAL AND BIRD HAZARD TO AIRCRAFT ..Aviation Safety; Charadriformes; Landfills -see Water Pollution; Passeriformes; Spawn Or Nesting Sites, ..3.0070

STUDY OF WET GRINDING UNITS FOR HOSPITAL SOLID WASTE ..Urban Research -general; Waste Type; ..3.0072

PUBLIC CONTROL OF JUNKYARDS FOR HIGHWAY BEAUTIFICATION ..Beautification; Legal Studies; Waste Type; ..3.0078

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ..Building Design; Coastlines - Shorelines; Economic Planning; Mathematical Models; Planning; Regional Economics; Urban Planning; Water Quality -general, ..3.0084

NATIONAL CONFERENCE ON SOLID WASTES DISPOSAL SITES ..Federal Government -see Gov ; Government -see Federal Gov ; Management (water); Sanitary Landfills; Urban Environment; Waste Disposal-see Solid Waste, ..3.0120

DECISION MAKING AND SOLID WASTE DISPOSAL ..Solid Waste; Waste Disposal-see Solid Waste, ..3.0122

FARM ANIMAL WASTES MANAGEMENT ..Air Cleaning Devices; Bin; Dust; Farm Animal Wastes; Poultry -nonspecific; Waste Type; ..3.0167

URBAN WASTE DISPOSAL IN THE SLUM DISTRICTS OF SOUTH BOSTON AND ROXBURY ..Collection; Public Utilities; Urban Research -general, ..3.0176

EVALUATION OF WASTE HANDLING SYSTEMS FOR HOUSED LARGE ANIMALS IN THE NORTH CENTRAL REGION ..Bin; Farm Animal Wastes; Rotors - Propellers; Waste Type, ..3.0196

POULTRY MANURE PROPERTIES, HANDLING AND DISPOSAL ..Animal Wastes - Feed Lots; Farm Animal Wastes; Feces; Gallus Domesticus; Waste Disposal on Soils; Waste Type; ..3.0240

POULTRY MANURE DISPOSAL AND ASSOCIATED ODOR CONTROL ..Costs -see Economics Entries; Farm Animal Wastes; Feces; Poultry -nonspecific; Waste Type; ..3.0241

URBAN SCIENCE AND ENGINEERING - Building Fire Considerations, Cost-benefit Analysis, Simulation Theory, Urban Research, Urban Research -general, 3.0246

INCINERATION OF PLASTICS FOUND IN MUNICIPAL REFUSE - Air Pollution, Burning, Contamination, Incineration, Pyrolysis, 3.0248

JOINT LAND-USE FOR CONSERVATION OF NATURAL RESOURCES AND DISPOSAL OF SOLID WASTES - Gravel, Landfills -see Water Pollution, Sand, Transportation, Urban Research -general, 3.0249

CHEMICAL TRANSFORMATION OF SOLID WASTES - Farm Animal Wastes, Plant Waste Removal, Treatment, Recoverable Materials, Waste Material Recovery, 3.0282

PYROLYSIS OF SOLID WASTES - Pyrolysis, Recoverable Materials, Solid Waste, 3.0293

ANALYSIS OF SOLID WASTE DISPOSAL METHODS - Collection, Incineration, Pipelines, Transportation, Waste Type, 3.0318

MATERIAL DISPOSAL - Solid Waste Management, Waste Disposal -see Solid Waste, 3.0332

SINGLE CELL PROTEINS FROM CELLULOSIC WASTES - Catalysts, Cellular Catabolism -see Degrad, Plant Plants, Recoverable Materials, Waste Management -see Specific, 3.0373

RECOVERY OF COPPER AND OTHER BASE METALS FROM COMPLEX METAL MIXTURES - Coatings -see Materials, Colorimetric Methods, Lead, Recoverable Materials, Waste Type, X-ray Diffraction, Zinc, 3.0379

DISPOSING OF SURPLUS PESTICIDES AND PESTICIDE CONTAINERS - Chemical Degradation, Herbicides -nonspecific, Insecticides -nonspecific, Nematocides -nonspecific, Pesticide Residues Removal, Waste Type, 5.0046

Contamination

DEEP WATER DUMPS - Ocean Dumping, Waste Type, 2.0175

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL - Computer Methods -general, Development of Models, Forecasting - Prediction, Land Use, Mathematical Models, Model Studies, Waste Disposal on Soils, Water Quality Control -general, 2.0343

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN - Biochemical Oxygen Demand, Carbonates, Chemical Properties, Eastern U.S., Landfill, Leaching, Pennsylvania, Sanitary Landfills, Soil Chemical Properties, Water Pollution Abatement, 2.0348

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES - Chemical Analysis (water), Groundwater Movement, Landfill, Sanitary Landfills, Waste Disposal on Soils, 2.1007

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM - Agricultural Runoff, Effluents - Waste Water, Feces, Lagoon, Soil Chemical Properties, Soil Filters, Soil Structure -other, Waste Disposal on Soils, 2.1017

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS - Benthic Organisms -nonspecific, Disposal, Harbors, Industrial Wastes, Marine Biology - General, Marine Pollution, Ocean Dumping, Sea Water Properties, Solid Waste, 2.1353

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES - Anthracite, Industrial Wastes, Infiltration, Leaching, Mine Wastes, Percolation (water), Site -see Waste Disposal, 3.0032

INCINERATION OF PLASTICS FOUND IN MUNICIPAL REFUSE - Air Pollution, Burning, Incineration, Pyrolysis, 3.0248

Incineration

INCINERATION-COMBUSTION OF PLASTICS, FILMS, ETC - Air Cleaning Devices, Furnaces, Plastics, 1.0078

THIRTEENTH INTERNATIONAL SYMPOSIUM ON COMBUSTION - Chemical Mechanisms & Kinetics, Combustion, Fluid Mechanics, Meetings, Propellants, 1.0131

SYSTEMS EVALUATION OF REFUSE AS A LOW SULFUR FUEL - Air Cleaning Devices, Disposal, Power Plants, Urban Research -general, 1.0439

CRITERIA FOR DESIGN AND CONTROL OF INCINERATORS - Furnace and Incinerator Design, 1.0566

SCRUBBING OF REFUSE INCINERATOR EMISSION GASES - Exhaust, Combustion -see Auto, Furnace and Incinerator Design, Furnaces, Particulate Matter - Air Poll., Scrubbers, 1.0584

VORTEX INCINERATION OF COMBUSTIBLE WASTES - Furnace and Incinerator Design, Smoke -see Air Pollution, 1.0634

USE OF ELECTRIC FIELDS IN COMBUSTION - Air Pollution-chemistry, Combustion, Electric Field, Furnace and Incinerator Design, Furnaces, Nitrogen and Nitrogen Cpds., Pilot Plants, 1.0638

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM - Access, Automobile & Components, Business, Office Personnel, Collection, Dyes, Education -see Training, New Hampshire, Recreation, Water Resources, Sprinkler Irrigation, Types, Water Quality Control -general, 2.1868

SURVEY OF REFUSE ORIGINATING ABOARD NAVAL VESSELS AT SEA - Disposal, Marine Materials, Plastics, Waste Type, 3.0026

INCINERATION OF PLASTICS FOUND IN MUNICIPAL REFUSE - Air Pollution, Burning, Contamination, Pyrolysis, 3.0248

FIRESIDE METAL WASTAGE IN MUNICIPAL INCINERATORS - Furnaces and Incinerators, Heat Transmission, Scrubbers, 3.0264

INTEGRATED WASTE MANAGEMENT - WATER SYSTEM USING RADIOISOTOPES FOR THERMAL ENERGY - Biological Waste Recycling, Feces, Isotope Effects, Radioisotopes, Urine, Waste Treatment - Radiation, Water Supply Facilities, 3.0290

VORTEX INCINERATION OF COMBUSTIBLE WASTES - Burners, 3.0292

ANALYSIS OF SOLID WASTE DISPOSAL METHODS - Collection, Pipelines, Transportation, Waste Type, 3.0318

SOLID WASTE RESEARCH UTILIZATION OF WASTE GLASS FROM MUNICIPAL REFUSE - Ceramics, Coatings -see Materials, Recoverable Materials, Thermal, 3.0360

EXTRACTION OF METAL AND MINERAL VALUES FROM MUNICIPAL REFUSE AND INCINERATOR RESIDUES - Ceramics, Equipment and Instrumentation, Homogeneity, Recoverable Materials, 3.0380

CONVERTING INCINERATOR RESIDUE TO USEFUL MATERIALS - Aggregate, Furnaces, Recoverable Materials, Transportation, 3.0398

DISPOSING OF SURPLUS PESTICIDES AND PESTICIDE CONTAINERS - Chemical Degradation, Disposal, Herbicides -nonspecific, Insecticides -nonspecific, Nematocides -nonspecific, Pesticide Residues Removal, Waste Type, 4.0046

EQUIPMENT AND METHODS FOR DECONTAMINATION AND DISPOSAL OF PESTICIDES AND PESTICIDE CONTAINERS - Combustion, Formulations -nonspecific, Nitrification, Pesticide Degradation -see Deg, Sewin, Waste Water Degradation, 4.1052

RADIATION PROTECTION AND MEASUREMENT - Disposal Methods, Food Contamination, Neutron -see Radiation, Particle Accelerators, Radiation Shielding, Radioactive Isotopes, Strontium, X and Gamma Rays, 5.0908

Industrial Waste

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES - Anthracite, Contamination, Industrial Wastes, Infiltration, Leaching, Mine Wastes, Percolation (water), Site -see Waste Disposal, 3.0032

Landfills -see Water Pollution

WATER POLLUTION FROM SANITARY LANDFILLS - Groundwater - Massachusetts, New Hampshire, Sanitary Landfills, Solid Waste, Waste Disposal on Soils, 2.0181

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL - Computer Methods -general, Contamination, Development of Models, Forecasting - Prediction, Land Use, Mathematical Models, Model Studies, Waste Disposal on Soils, Water Quality Control -general, 2.0343

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN - Biochemical Oxygen Demand, Carbonates, Chemical Properties, Contamination, Eastern U.S., Landfill, Leaching, Pennsylvania, Sanitary Landfills, Soil Chemical Properties, Water Pollution Abatement, 2.0348

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES - Chemical Analysis (water), Contamination, Groundwater Movement, Landfill, Sanitary Landfills, Waste Disposal on Soils, 2.1007

ENVIRONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT - Aquifers, Erosion, Recharge (water), Septic Tanks, Surficial Geology Studies, Vermont, Water Table, 2.1457

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES - Anthracite, Contamination, Industrial Wastes, Infiltration, Leaching, Mine Wastes, Percolation (water), Site -see Waste Disposal, 3.0032

SOLID WASTE DISPOSAL AND BIRD HAZARD TO AIRCRAFT ...Aviation Safety; Charadriiformes; Passeriformes; Spawn Or Nesting Sites; ...3.0070

NATIONAL CONFERENCE ON SOLID WASTES DISPOSAL SITES ...Disposal; Federal Government -see Gov.; Government -see Federal Gov.; Management (water); Sanitary Landfills; Urban Environment; Waste Disposal-see Solid Waste; ...3.0120

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Groundwater; Illinois; Leaching; Soil Tillage; Waste Disposal on Soils; ...3.0133

THERMOPHILIC METABOLISM IN SOLID SUBSTRATES ...Aerobic Waste Water Treatment; Degradation; Solid Waste; Urban Research -general; Waste Disposal on Soils; ...3.0188

POULTRY WASTE HANDLING SYSTEM DESIGN ...Farm Animal Wastes; Feces; Fungi -nonspecific; Humidity; Temperature Instruments; Waste Type; ...3.0236

JOINT LAND-USE FOR CONSERVATION OF NATURAL RESOURCES AND DISPOSAL OF SOLID WASTES ...Disposal; Gravel; Sand; Transportation; Urban Research -general; ...3.0249

ANALYSIS OF SOLID WASTE DISPOSAL METHODS ...Collection; Incineration; Pipelines; Transportation; Waste Type; ...3.0318

STABILIZING SANITARY LANDFILLS BY INJECTION GROUTING ...Ceramics; Engineering Mechanics; Materials -properties; Waste Disposal on Soils; ...3.0405

Recoverable Materials

USE OF DOMESTIC WASTE GLASS FOR URBAN PAVING ...Ceramics; Pavement; Streets; Urban Research -general; ...2.1325

FOOD PROCESSING WASTES ...Disposal; Food Processing Wastes; Plant Waste Removal, Treatment; Waste Material Recovery; Waste Water Treatment -general; ...3.0035

REFINING OF MOLTEN FERROUS SCRAP ...Composition; Purity, Impurity; Waste Type; ...3.0163

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Disposal; Farm Animal Wastes; Plant Waste Removal, Treatment; Waste Material Recovery; ...3.0282

PYROLYSIS OF SOLID WASTES ...Disposal; Pyrolysis; Solid Waste; ...3.0293

STABILIZATION OF LOW-GRADE AND WASTE MATERIALS ...British Isles; Ceramics; Chalky Limestone; Construction Materials; Pavement; Shale; Soil Cement; ...3.0324

UTILIZATION OF SOLID WASTES FROM THE COMBUSTION AND MINING OF COAL ...Automotive Application; Combustion; Elastomers; Pavement; Product Development Research; Soil Amendments; Soil pH; ...3.0341

PULP AND PAPER ENGINEERING SYSTEMS ...Waste Type; ...3.0346

SOLID WASTE RESEARCH UTILIZATION OF WASTE GLASS FROM MUNICIPAL REFUSE ...Ceramics; Coatings -see Materials; Incineration; Thermal; ...3.0360

SINGLE CELL PROTEINS FROM CELLULOSIC WASTES ...Catalysts; Cellular Catabolism-see Degrad; Disposal; Pilot Plants; Waste Management -see Specific; ...3.0373

RECOVERY OF COPPER AND OTHER BASE METALS FROM COMPLEX METAL MIXTURES ...Coatings -see Materials; Colorimetric Methods; Disposal; Lead; Waste Type; Xray Diffraction; Zinc; ...3.0379

EXTRACTION OF METAL AND MINERAL VALUES FROM MUNICIPAL REFUSE AND INCINERATOR RESIDUES ...Ceramics; Equipment and Instrumentation; Homogeneity; Incineration; ...3.0380

RECYCLING OF STEELMAKING FURNACE DUSTS ...Casting of Materials; Lead; Purity, Impurity; Waste Type; Zinc; ...3.0384

UTILIZATION OF WASTE PLASTICS FROM URBAN REFUSE ...Chlorine; Disposable Materials; Plastics; Urban Research -general; ...3.0386

ELECTROLYTIC REFINING OF ALUMINUM SCRAP ...Cell Materials; Purity, Impurity; ...3.0391

SYNTHETIC FILLER FOR USE IN HIGHWAY CONSTRUCTION ...Ceramics; Corrosion, Deterioration; Lubricants and Fluids; Materials -properties; Pavement; ...3.0395

CONVERTING INCINERATOR RESIDUE TO USEFUL MATERIALS ...Aggregate; Furnaces; Incineration; Transportation; ...3.0398

REUSE OF PLASTICS RECOVERED FROM SOLID WASTES ...Industrial Wastes; Waste Material Recovery; Waste Type; ...3.0400

Site -see Waste Disposal

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES ...Anthracite; Contamination; Industrial Wastes; Infiltration; Leaching; Mine Wastes; Percolation (water); ...3.0032

Transportation

FARM ANIMAL WASTES MANAGEMENT ...Air Cleaning Devices; Bos; Dust; Farm Animal Wastes; Poultry -nonspecific; Waste Type; ...3.0167

JOINT LAND-USE FOR CONSERVATION OF NATURAL RESOURCES AND DISPOSAL OF SOLID WASTES ...Disposal; Gravel; Landfills -see Water Pollution; Sand; Urban Research -general; ...3.0249

PIPE TRANSPORT OF SOLID WASTE ...Biological Treatment-general; Costs -see Economics Entries; Pipelines; Pipes; Sewage - Domestic; Urban Research -general; ...3.0291

COLLECTING AND TRANSPORTATION OF HOUSEHOLD WASTE ...Collection; Home Economics; ...3.0314

ANALYSIS OF SOLID WASTE DISPOSAL METHODS ...Collection; Incineration; Pipelines; Waste Type; ...3.0318

TUBE TRANSPORT - AN IMPROVED CONCEPT OF URBAN REFUSE COLLECTION, TRANSPORTATION AND RECYCLING ...Pumps; Solid Waste Management; Transportation Management; Urban Research -general; ...3.0387

CONVERTING INCINERATOR RESIDUE TO USEFUL MATERIALS ...Aggregate; Furnaces; Incineration; Recoverable Materials; ...3.0398

Waste Type

THIRTEENTH INTERNATIONAL SYMPOSIUM ON COMBUSTION ...Chemical Mechanisms & Kinetics; Combustion; Fluid Mechanics; Meetings; Propellants; ...1.0131

AIR POLLUTION CONTROL COSTS ASSOCIATED WITH SOLID WASTE DISPOSAL ...Air Pollution-chemistry; Body; Inorganic Gases; Particulates - Air Pollution; ...1.0463

DEEP WATER DUMPS ...Contamination; Ocean Dumping; ...2.0175

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Effluents - Waste Water; Feces; Lagoon; Soil Chemical Properties; Soil Filters; Soil Structure -other; Waste Disposal on Soils; ...2.1017

LAKE ERIE DIKE ...Dams -general; Harbors; Iron and Steel Industry; Model Studies; Physical Models; Sediments; Waves -see Ocean Waves; ...2.1051

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation, Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

SURVEY OF REFUSE ORIGINATING ABOARD NAVAL VESSELS AT SEA ...Disposal; Incineration; Marine Materials; Plastics; ...3.0026

FOOD PROCESSING WASTES ...Disposal; Food Processing Wastes; Plant Waste Removal, Treatment; Recoverable Materials; Waste Material Recovery; Waste Water Treatment -general; ...3.0035

STUDY OF WET GRINDING UNITS FOR HOSPITAL SOLID WASTE ...Disposal; Urban Research -general; ...3.0072

PUBLIC CONTROL OF JUNKYARDS FOR HIGHWAY BEAUTIFICATION ...Beautification; Disposal; Legal Studies; ...3.0078

DESIGN OF OPTIMAL REFUSE STORAGE DEPOSITORY SYSTEM FOR SERVICING MULTIPLE DWELLING UNIT BUILDINGS IN ECONOMICALLY DISADVANTAGED AREAS ...Collection; Public Utilities; Urban Research -general; ...3.0095

ROADSIDE LITTER COMPOSITION ...Collection; Meetings; ...3.0104

REFINING OF MOLTEN FERROUS SCRAP ...Composition; Purity, Impurity; Recoverable Materials; ...3.0163

FARM ANIMAL WASTES MANAGEMENT ...Air Cleaning Devices; Bos; Dust; Farm Animal Wastes; Poultry -nonspecific; ...3.0167

EVALUATION OF WASTE HANDLING SYSTEMS FOR HOUSED LARGE ANIMALS IN THE NORTH CENTRAL REGION ...Bos; Disposal; Farm Animal Wastes; Rotors - Propellers; ...3.0196

POULTRY WASTE HANDLING SYSTEM DESIGN ...Farm Animal Wastes; Feces; Fungi -nonspecific; Humidity; Landfills - see Water Pollution; Temperature Instruments; ...3.0236

POULTRY MANURE PROPERTIES, HANDLING AND DISPOSAL ...Animal Wastes - Feed Lots; Disposal; Farm Animal Wastes; Feces; Gallus Domesticus; Waste Disposal on Soils; ...3.0240

POULTRY MANURE DISPOSAL AND ASSOCIATED ODOR CONTROL ...Costs -see Economics Entries; Disposal; Farm Animal Wastes; Feces; Poultry -nonspecific; ...3.0241

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Disposal; Farm Animal Wastes; Plant Waste Removal, Treatment; Recoverable Materials; Waste Material Recovery; ...3.0282

ANALYSIS OF SOLID WASTE DISPOSAL METHODS ...Collection; Incineration; Pipelines; Transportation; ...3.0318

PULP AND PAPER ENGINEERING SYSTEMS ...Recoverable Materials; ...3.0346

SINGLE CELL PROTEINS FROM CELLULOSIC WASTES ...Catalysts; Cellular Catabolism-see Degrad; Disposal; Pilot Plants; Recoverable Materials; Waste Management -see Specific; ...3.0373

RECOVERY OF COPPER AND OTHER BASE METALS FROM COMPLEX METAL MIXTURES ...Coatings -see Materials; Colorimetric Methods; Disposal; Lead; Recoverable Materials; Xray Diffraction; Zinc; ...3.0379

RECYCLING OF STEELMAKING FURNACE DUSTS ...Casting of Materials; Lead; Purity, Impurity; Recoverable Materials; Zinc; ...3.0384

REUSE OF PLASTICS RECOVERED FROM SOLID WASTES ...Industrial Wastes; Recoverable Materials; Waste Material Recovery; ...3.0400

DISPOSING OF SURPLUS PESTICIDES AND PESTICIDE CONTAINERS ...Chemical Degradation; Disposal; Herbicides -nonspecific; Insecticides -nonspecific; Nematocides -nonspecific; Pesticide Residues Removal; ...4.0046

Sound Attenuation Acoustics

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Acoustic Instrumentation; Alaska; Boundary Layer Studies; Ice Fog; Urban Research - general; ...1.0307

SOUND PROPAGATION AND ATTENUATION CHARACTERISTICS OVER A HEAVILY VEGETATED TERRAIN ...Audio Frequencies -see Noise; Electromagnetic Propagation; Electronic Detection, Tracking; Noise; Signal Analysis; Terrain Analysis; Topography; ...6.0001

THEORETICAL ACOUSTICS ...Acoustics; Atlantic Ocean; Noise; Ocean Meteorological Studies; Turbulence; ...6.0005

MECHANISMS OF NOISE GENERATION, PROPAGATION AND RECEPTION AS RELATED TO AIR FORCE BIOACOUSTIC PROBLEMS ...Acoustics; Aircraft; Aviation Medicine; Communication; Noise; Sensory & Perceptual Processes; ...6.0011

INVESTIGATION OF NOISE GENERATION ON A HOVERING ROTOR ...Noise; Rotors - Propellers; ...6.0017

STUDY OF THE NOISE PRODUCED BY TRANSPORTATION EQUIPMENT, DEVICES POWERED BY INTERNAL COMBUSTION ENGINES - STUDY OF COMMUNITY NOISE ...Engine; Environmental Effects - Human; Noise; Spark Ignition; ...6.0023

STUDY OF NOISE PRODUCED BY CONSTRUCTION EQUIPMENT AND BUILDING EQUIPMENT AND HOME APPLIANCES ...Acoustic Instrumentation; Building Acoustics -see Noise; Building Construction; Noise; ...6.0058

STUDY OF OUTSIDE NOISE GENERATED BY INDUSTRIAL PLANTS ...Building Acoustics -see Noise; Manufacturing Buildings; Noise; Noise -see Noise; ...6.0059

DEVELOPMENT OF DAMAGE RISK CRITERIA AND HABITABILITY STANDARDS FOR EXPOSURE TO SONAR TRANSMISSIONS ...Auditory Physiology; Noise; Signal Analysis; Submarine & Diving Medicine; ...6.0075

ULTRASONIC ABSORPTION BY BIOLOGICAL MATERIALS ...Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0082

South Carolina

RADIONUCLIDES IN SAVANNAH RIVER ESTUARY AND COASTAL WATERS ...Atlantic Ocean; Circulation (water); Estuaries; Marine Geology; Radioactivity; Water Pollution Sources; ...2.0792

FEASIBILITY STUDY OF WATER RESOURCE POLLUTANT IDENTIFICATION BY DIGITAL COMPUTER ANALYSIS OF REMOTE INFRARED SENSOR SPECTRAL INTENSITIES ...Aircraft Remote Sensing; Industrial Wastes; Instrument Services; Man Machine Systems; Optical Detectors; Radiation Detectors; Thermal Pollution; ...2.0793

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Coastlines - Shorelines; Economic Geology -general; Infrared Radiation; Legal Studies-general; Navigation; Tides; Tidewater Areas; Water Quality - general; ...2.0795

STUDY OF COSTS OF TREATING TEXTILE WASTES IN MUNICIPAL AND INDUSTRIAL SEWAGE PLANTS ...Georgia; Process Design; Textile Industry; Urban Environment; Waste Water Treatment -general; ...2.1416

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Florida; Legal Studies; Mississippi; Recreation, Water Resources; State Government; Water Pollution Sources; ...2.1815

USE OF ADVANCED WATER RESOURCES PLANNING TECHNIQUES IN THE DEVELOPMENT OF REGIONAL WATER MANAGEMENT PROGRAMS ...Industrial Wastes; Model Studies; River Basins; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Planning; ...2.1912

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA ...Administrative Organizations; Federal Government; Law Enforcement; Local Government; Recreation, Water Resources; State Government; Water Conservation -general; Water Resources Planning; ...2.1915

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water; Infiltration; Organic Water Properties; Pilot Plants; Safety -see Farm Safety; Waste Management -see Specific; Water Purification; ...3.0310

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Costs -see Economics Entries; Food Processing Industries; Industrial Wastes; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment - general; ...3.0311

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Atlantic Coastal Plain; Gossypium; Metabolites From Pesticides; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Piedmont Province; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0174

South Dakota

GROUND WATER CONTAMINATION RESULTING FROM WASTE DISPOSAL ...Groundwater; Solid Waste; Water Pollutants - Path of; Water Pollution Effects; Water Pollution Sources; ...2.0360

POLLUTION POTENTIAL OF RUNOFF FROM LIVESTOCK FEEDING OPERATIONS ...Agricultural Runoff; Biochemical Oxygen Demand; Chemical Oxygen Demand; Coliforms -nonspecific; Livestock -nonspecific; Precipitation; ...2.0361

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Animal Productivity; Chemical Water Properties; Eutrophication; Fish; Nutrients; Phytoplankton; Plant Population Dynamics - gen; Primary Productivity - Plants; Zooplankton; ...2.0363

EFFECT OF DREDGING ON THE NUTRIENT LEVELS AND BIOLOGICAL POPULATIONS OF A LAKE ...Acidity (water); Biological Water Properties; Lakes; Nutrients; Phytoplankton; Silting (water) -see Sediment; Turbidity (water); ...2.0365

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Agricultural Runoff; Farm Pond; Great Plains Province; Precipitation; Precipitation Gages; Sediment Yield; Soil Texture; Survey Studies (water); ...2.0366

INVESTIGATION OF LAKE WATER QUALITY IN EASTERN SOUTH DAKOTA WITH REMOTE SENSING TECHNIQUES ...Aircraft Remote Sensing; Geologic Maps; Lakes; Soil Tillage; Water Depth, Water Levels; Water Quality -general; ...2.0798

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Degradation - see Pesticide Deg; Fishing; Land Use; Relief; Water Pollution Sources; Water Supply -general; ...2.0799

WATER POLLUTION INVESTIGATION, BATTLE CREEK, SOUTH DAKOTA ...Aquatic Ecology - Animal; Benthic Fauna; Ecological Effects; Pollution Effects -see Water; Population Dynamics -general; Water Quality -general; ...2.1710

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

FISHERIES UNIT ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Catostomidae; Cladocera; Mark, Tag Or Capture -other; Pesticides -see Pesticide; Population Dynamics -general; ...4.0066

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; Water Pollutants - Path of; ...4.0176

A STUDY OF THE PESTICIDE RESIDUES AND OF PARASITES IN BIG GAME MAMMALS OF SOUTH DAKOTA ...Animal Pharmacology; Antihelminth; Gastropoda; Ovis; Pesticide Evaluation; Pesticides -nonspecific; ...4.0846

Southeast U. S.

STUDIES ON SOUTHEASTERN AQUATIC INSECTS ...Aquatic Ecology - Animal; Water Quality -general; ...2.0997

TREATMENT OF DYEING BATH WASTE STREAMS BY FOAMING AND FLOTATION TECHNIQUES ...Adsorption; Chemical Effects; Dye Wastes; Fibers; Foam; Plastics; Textile Industry; ...2.1441

HYDROLOGY OF THE CRYSTALLINE ROCK SYSTEM IN SOUTHEASTERN STATES ...Alabama; Groundwater; Maryland; Petrology; Piedmont Province; Water Quality -general; Water Yield; ...2.1660

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Florida; Legal Studies; Mississippi; Recreation, Water Resources; South Carolina; State Government; Water Pollution Sources; ...2.1815

EVALUATION OF BENEFIT-COST ESTIMATION OF THE ECOLOGIC AND ECONOMIC IMPACTS FROM WATER RESOURCES CONSERVATION AND DEVELOPMENT ...Benefit-cost Analysis; Ecological Effects; Georgia; Small Watersheds; Water Conservation -general; Water Resources Planning; ...2.1816

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots; Contamination - Soil; Cynodon; Farm Animal Wastes; Fertilizer Toxicity; Groundwater; Rain; Soil Chemical Properties; Waste Disposal on Soils; ...3.0005

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules, Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; Water Resources Protection; ...4.0020

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

PERSISTENCE OF HERBICIDES IN SOILS ...Alanap; Gossypium; Pesticide Persistance in Soils; Pesticides Compatibility; Plant Absorption -other; Root Absorption; Soil pH; Translocation; ...4.0137

CONTROLS FOR MAJOR COTTON DISEASES IN SOUTHEASTERN U. S. INCLUDING RESISTANCE ...Fungal Resistance; Fusarium; Herbicides -nonspecific; Nematode Resistance; Pesticide Phytotoxicity; Verticillium; ...4.0208

WEED CONTROL IN AGRONOMIC CROPS OF THE SOUTHEASTERN COASTAL PLAIN ...Amaranthaceae; Arachis; Bioassay; Cyperaceae; Glycine; Linuron; Pesticide Evaluation; Pesticide Phytotoxicity; Rubiaceae; Sutan; ...4.0293

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silvex; Temperature (water); Water Quality Control -general; ...4.0939

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Temperature (water); ...4.0940

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals; Pesticide Interaction With Env; Phenols; Soil pH; Stickers; Thuricide; ...4.0969

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotoran; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; Vegetables; ...4.1022

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation; Bos; Cricetidae -other; Felidae; Forest Environment -general; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Vertebrates Excl. Man; ...5.0258

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Beta Particles; Plant Biomes; Plant Succession; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioecology - Plants; Soil Microbiology; Wisconsin; ...5.0542

Southern U. S.

DEVELOPMENT OF IMPROVED TECHNIQUES FOR USING PRESCRIBED FIRE IN SOUTHERN FORESTS ...Air Pollution - see Specifics; Carbon Monoxide; Fire Behavior - Identification; Fire Prevention; Fire Research -see Forest Fire; Forest Environment -general; Forest Litter, Duff & Humus; Pinus Taeda; ...1.0043

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Suspension; ...2.0313

CONDITIONING AND CLEANING MID-SOUTH COTTON VARIETIES ...Gossypium; Humidity; Plant Waste Removal, Treatment; Temperature - Air; ...3.0202

Southwest U. S.

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Model Studies; Nevada; Precipitation Forecasting; Radioactive Fallout; Seismology; Weather Forecasting; ...1.0021

ELECTRIFICATION OF DUST STORMS ...Atmosphere Disturbance; Charge on Droplets; Energy Conversion; Particulates - Air Pollution; Temperature; Wind; ...1.0081

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Range Management; Sediments; Tillage, Cropping Systems; ...2.0016

LIMNOLOGICAL EFFECTS OF ORGANIC WATERSHED LITTER ...Drainage; Floods; Organic Matter; Rain Amount; Semi - Arid Regions; ...2.0018

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Bed Load; Conservation -see Soil Conser.; Erosion; Gully Or Channel Erosion; New Mexico; Sediment Yield; Semi - Arid Regions; Streams; ...2.0255

STREAM REAERATION ...Aeration (water); Flow Characteristics (water); Nutrients; Organic Matter; Physiological Effects; ...2.1080

IMPROVEMENT OF CEREAL GRAINS UNDER IRRIGATION ...Avena Sativa; Heat Resistance; Irrigation; Moisture Deficiency; Soils; Triticum; Waste Disposal on Soils; ...3.0047

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange; Maps -general; Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Sus; Wind -see Air Motion; ...3.0069

CHARACTERISTICS OF WASTE FROM SOUTHWESTERN CATTLE FEEDLOTS ...Agricultural Runoff; Animal Wastes - Feed Lots; Applied Climatology; Bos; Farm Animal Wastes; Management (water); Slope; ...3.0321

NEW AND IMPROVED PRODUCTS FROM WESTERN SOFTWOODS ...Costs -see Economics Entries; Lumbering -general; Materials, Composite; Picea; Pinus Ponderosa; Pseudotsuga; ...3.0363

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Tenoran; ...4.0013

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Water Pollutants - Path of; ...4.0085

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Water Pollutants - Path of; ...4.0090

Space Medicine - Exobiology

ATMOSPHERIC CONSTITUENTS OF THE TERRESTRIAL-TYPE PLANETS ...Algae - Cyanophyta; Algal Pollutant Sources; Environmental Influences; Gases; Pesticides -nonspecific; Weather - Physical Properties; ...1.0345

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Radiation; Radiation Effects - Biological; Space Science and Technology; Ultrasonic -bioeffects; Ultrasonic Engineering; X and Gamma Rays; ...5.0122

SPACE NUCLFAR SYSTEMS STUDIES ...Aerosols; Body Isotope Burden; Chemical Mechanisms & Kinetics; Plutonium; Radiation Dose Studies-general; Radioactive Hazard; Sus; ...5.0735

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Electronic Components; Radiation; Radiation Effects - Biological; Space Science and Technology; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0066

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Radiation; Radiation Effects - Biological; Ultrasonic -bioeffects; X and Gamma Rays; ...6.0067

EFFECTS OF NOISE ON AIR FORCE PERSONNEL IN OPERATIONAL ENVIRONMENTS ...Communication; Hearing Loss and Deafness; Military Personnel; Noise; Pilots; Sensory & Perceptual Processes; ...6.0114

Space Science and Technology

TRACE CONTAMINANTS ASSOCIATED WITH MAN IN AIR FORCE SYSTEMS ...Electronic Control Systems; Military Personnel; ...1.0300

ANALYSIS OF CREW STATION BREATHING ATMOSPHERES ...Air Pollution -see Specifics; Occupational Hazards; ...1.0691

SPACECRAFT OCEANOGRAPHY PROJECT ...Data Acquisition; Electronic Detection, Tracking; Management; Marine Pollution; Microwave Radiation; Sea Ice; Spacecraft Sensory Devices; Visible Light; ...2.0541

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Radiation; Radiation Effects - Biological; Space Medicine - Exobiology; Ultrasonic -bioeffects; Ultrasonic Engineering; X and Gamma Rays; ...5.0122

REAL-TIME SPACE AND NUCLEAR EFFECTS ON SOLAR CELLS ...Solar Cells; ...5.0168

EFFECTS OF RADIATION ON SEMICONDUCTORS AND DEVICES ...Electronic Components; Solid State Engineering; ...5.0376

SPACE NUCLEAR SYSTEMS STUDIES ...Aerosols; Body Isotope Burden; Chemical Mechanisms & Kinetics; Plutonium; Radiation Dose Studies-general; Radioactive Hazard; Space Medicine - Exobiology; Sus; ...5.0735

REAL-TIME SPACE-NUCLEAR EFFECTS ON SOLAR CELLS FOR SPACECRAFT PRIMARY POWER ...Solar Cells; ...5.0758

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Electronic Components; Radiation; Radiation Effects - Biological; Space Medicine - Exobiology; Ultrasonic -bioeffects; Ultrasonic Engineering; ...6.0066

Spain

USE OF INSECTICIDES LABELLED WITH PHOSPHORUS-32 AND TRITIUM FOR THE DETERMINATION OF PESTICIDE RESIDUES ...Foreign Agriculture; Insecticides -nonspecific; Pesticide Residue Analysis; Phosphorus; ...4.1112

Spawn Or Nesting Sites

WATERSHED INVESTIGATION, GRASS VALLEY CREEK ...California; Ecological Effects; Sedimentation; Sediments; Water Pollution Sources; Watersheds; ...2.0047

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Agnatha; Chemical Water Properties; Control of Nuisance Species; Engineering Structures-general; Flow Characteristics (water); Lake Ontario; Salmonidae; Survey Studies (water); ...2.0260

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; ...2.0279

EVALUATION OF ENGINEERING PROJECTS AND ESTUARINE DATA (ESTUARINE PROGRAM) ...Animal Habitat Studies; Construction Sites; Fish; Gulf of Mexico; Water Quality Control -general; ...2.0383

LIMESTONE DRUM PRODUCTIVITY STUDY -- POPULATION STUDY ...Acidity (water); Chemical Measurements (water); Contamination - Water; Environmental Ecology; Limestone-general; Population Dynamics -general; Stocking of Fish & Shellfish; ...2.1131

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Aquatic Plants -nonspecific; Fish; Fishing; Pollution Effects -see Water; Recreation, Water Resources; Water Pollution Effects; ...2.1471

RELATIONSHIPS BETWEEN LOGGING ACTIVITIES AND SALMON PRODUCTION ...Aquatic Ecology - Animal; Circulation (water); Environmental Ecology; Sediments; ...2.1478

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Temperature (water); ...2.1479

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Contamination - Water; Environmental Ecology; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Pesticides -nonspecific; Temperature (water); ...2.1516

EVALUATION OF FACTORS AFFECTING SPAWNING OF DALE HOLLOW WHITE BASS ...Aquatic Ecology - Animal; Environmental Physiology; Mining Industry; Pollution Effects -see Water; Temperature (water); ...2.1714

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Temperature (water); Water Quality -general; ...2.1725

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF MOSES LAKE ...Animal Habitat Studies; Censusing; Data Reduction and Analysis; Lakes; Pre-impoundment Sites; Sediments; Texas; ...2.1727

BIOLOGY OF ANADROMOUS ALOSIDS ...Aging; Contamination - Water; Embryology -basic; Fish & Shellfish Biology; Marine Animals; Virginia; ...2.1748

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathemati-

cal Analysis; Mollusca; Plankton Sampling; River Basins; Systems Analysis a Water Mgmt; Vertical Distribution; Water Properties - general; Water Transfer; ...2.1870

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries; General Recreation Studies; Long Island Sound; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Resources Planning; ...2.1880

SOLID WASTE DISPOSAL AND BIRD HAZARD TO AIRCRAFT ...Aviation Safety; Charadriiformes; Landfills -see Water Pollution; Passeriformes; ...3.0070

WILDLIFE RESEARCH ...Bioassay; Censusing; Endangered Species; Florida; Pathology; Pelecaniformes; Population Dynamics - general; ...4.0596

TOXICANTS AND BAITS FOR CONTROLLING NUTRIA IN AGRICULTURAL AREAS ...Antimammal Cpds. -nonspecific; Baits, Lures; Bioassay; Control of Nuisance Species; Laboratory Animals; Pesticide Evaluation; Rodentia -other; ...4.0627

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Estuaries; Laboratory Animals; Parathion; Physiological Effects; ...4.0653

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ...Captive Rearing; DDT; Estuaries; Heptachlor; Massachusetts; Pesticides -see Pesticide; Pleuronectidae; Spawning -see Fish & Shellfish; ...4.0654

EFFECTS OF RADIATION ON MIGRATORY ORIENTATION OF SALAMANDERS ...Amphibians; Animal Behavioral Ecology; Animal Productivity; Ponds; Radiation Resistance -animals; ...5.0603

Spawning -see Fish & Shellfish

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Suspension; Water Supply -general; ...2.0322

LIMESTONE DRUM PRODUCTIVITY STUDY -- POPULATION STUDY ...Acidity (water); Chemical Measurements (water); Contamination - Water; Environmental Ecology; Limestone-general; Population Dynamics -general; Spawn Or Nesting Sites; Stocking of Fish & Shellfish; ...2.1131

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Data Reduction and Analysis; Environmental Ecology; Eutrophication; Lake Erie; Plankton; Spawning & Nesting Sites; Stizostedion Vitreum Vitreum; Water Temperature Recorders; ...2.1672

EFFECTS OF ELEVATED TEMPERATURE ON SPAWNING AND DEVELOPMENT OF FISHES ...Animal Productivity; Embryology -basic; Photoperiod; Salinity (water); Sparidae; Temperature (water); ...2.1698

EVALUATION OF FACTORS AFFECTING SPAWNING OF DALE HOLLOW WHITE BASS ...Aquatic Ecology - Animal; Environmental Physiology; Mining Industry; Pollution Effects -see Water; Spawn Or Nesting Sites; Temperature (water); ...2.1714

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

BIOLOGY OF ANADROMOUS ALOSIDS ...Aging; Contamination - Water; Embryology -basic; Fish & Shellfish Biology; Marine Animals; Spawn Or Nesting Sites; Virginia; ...2.1748

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ...Captive Rearing; DDT; Estuaries; Heptachlor; Massachusetts; Pesticides -see Pesticide; Pleuronectidae; ...4.0654

THE EFFECT OF DDT ON EGG, FRY AND FINGERLING VIABILITY IN BROOK TROUT STRAINS ...Captive Rearing; Chemical Analysis; DDT; Genetic Resistance; Pesticide Action on Animals; ...4.0832

THE EFFECT OF DDT ON EGG, FRY AND FINGERLING VIABILITY IN LAKE, RAINBOW, AND BROWN TROUT AND COHO SALMON STRAINS ...Captive Rearing; Chemical Analysis; DDT; Genetic Resistance; Pesticide Action on Animals; Salmo Trutta; ...4.0833

QUALITY FACTORS OF LAKE MICHIGAN COHO SALMON FLESH ...DDE; Dieldrin; Oncorhynchus; Pesticides -see Pesticide; ...4.1046

Spectrographic Techniques

CONTUNUOUS MEASUREMENTS OF AIRBORNE AND PRECIPITATION RADIOACTIVITY AND METEOROLOGICAL APPLICATION ...Atmospheric Dynamics; Fallout -see Radioactive; Nuclear Detonations; Radioactive Fallout; Scintillation Counting; Tracers; Troposphere; ...1.0044

SELENIUM AND ITS SIGNIFICANCE AS AN AIR POLLUTANT ...Adsorption; Catalysts; Combustion; Disposal; Fuels; Solid Waste; Trace Elements; ...1.0057

INTERACTION OF ELECTRON ACCEPTORS WITH CHLORPROMAZINE ...Air Pollution-chemistry; Electroanalyses; Muridae; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Temperature - Human Body; ...1.0177

BIOCHEMICAL AND HISTOCHEMICAL INVESTIGATIONS OF ENZYME SYSTEMS IN MAMMALIAN LUNG ...Air Pollution - see Specifics; Biochemical Analysis - Tissues; Catalysts; Mammals -nonspecific; Respiratory Irritants, Inhaled; ...1.0187

FUNDAMENTALS OF AIR CLEANING BY SORPTION PROCESSES ...Adsorption; Air Cleaning Devices; Air Pollution-chemistry; Heat Transmission; Infrared Spectroscopy; Mechanism Determination; ...1.0596

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Energy Conversion; Petroleum Research; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0632

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GAS--PART C ...Adsorption; Catalysts; Energy Conversion; Mass Spectroscopy; Waste Material Recovery; ...1.0635

HIGH SPEED INTERFEROMETER EXPERIMENT DEVELOPMENT ...Air Pollution Analysis; Atmosphere; Interferometry; Resolution; Spacecraft Sensory Devices; Trace Analysis; ...1.0678

EVALUATION & APPLICATION OF CONVAIR IR SPECTROPHOTOMETER FOR LONGPATH ABSORPTION SPECTRA OF OXIDIZING ATMOSPHERE (WEST COAST) (ABBREV) ...Air Pollution Analysis; Analytical Instruments; California; Infrared Radiation; Oxidizing Atmosphere; Smog; ...1.0679

DISTRIBUTION OF NITRIC ACID IN THE STRATOSPHERE ...Airplanes; Balloons; Chemical Analysis -general; Stratosphere; ...1.0688

ATMOSPHERIC CHEMISTRY OF BORON ...Aerosols; Air - Water; Air Pollution-chemistry; Colorimetric Methods; Electrochemistry; ...1.0697

NEW ANALYTICAL METHODS FOR SULFUR DIOXIDE ...Adsorption; Air Pollution-chemistry; Detectors and Sensors; Trace Analysis; Waste Material Recovery; ...1.0706

SELECTIVE AND SENSITIVE METHODS FOR THE DETERMINATION OF SULFURIC ACID AEROSOLS ...Aerosols; Air Pollution-chemistry; Chelation & Complexing; Electroanalyses; Electrochemistry; Mercury; Reduction Reactions; ...1.0708

PHOTOCHEMISTRY OF SUBSTANCES PRESENT IN URBAN AIR ...Air Pollution-chemistry; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Rate of Reaction; Urban Research -general; ...1.0862

SINGLET MOLECULAR OXYGEN - OXIDATION IN POLLUTED AIR ...Air Pollution -see Specifics; Atmospheric Dynamics; Detectors and Sensors; Infrared Spectroscopy; Photosensitizer; ...1.0870

STUDIES OF O ATOM REACTIONS OF ATMOSPHERIC IMPORTANCE ...Air Pollution-chemistry; Gas Chromatography; Mass Spectroscopy; Mechanism Determination; Oxidation; Rate of Reaction; ...1.0876

E.P.R. STUDY OF PHOTOREACTIONS IN THE ATMOSPHERE ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Nitrogen and Nitrogen Cpds.; Oxidation; ...1.0895

THE REACTON OF METALLOPORPHYRINS WITH AIR POLLUTANTS ...Air Pollution-chemistry; Degradation; Nitrogen and Nitrogen Cpds.; ...1.0913

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Algae -nonspecific; Benthic Organisms -nonspecific; Bottom Sampling; Chemical Water Properties; Microorganisms -nonspecific; Plant Freshwater Ecology; Waste Water Treatment -general; Water Quality Control -general; ...2.0114

MOLECULAR INTERACTIONS AT THE OIL-WATER INTERFACE AND THE FORMATION OF MICROEMULSIONS ...Detergents -see Surfactants; Electrochemistry; Microscopy; Oil Removal; Petroleum Wastes - Spillage; Surfactants -see Detergents; ...2.0273

PLANT PHENOLS AND RELATED ORGANIC COMPOUNDS IN PUBLIC WATER SOURCES, THEIR RELATIONSHIP TO CHLORINATION ...Chlorination; Forest Debris; New England Province; Phenols; Toxicology; Water Pollution Effects; ...2.0354

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Fertilizers; Gulf of Mexico; Lead; Marine Geology; Nuclear Radiation; Radiochemical Analysis; Runoff (water); Streams; ...2.0380

NATURALLY OCCURRING TASTES AND ODORS IN WATER SUPPLIES ...Actinomyces Sp; Food Contamination; Gas Chromatography; Odor; Taste & Odor of Water; Water Chemistry; ...2.0382

PHYSICAL CHEMISTRY OF RADIOELEMENTS - RADIOMETRIC METHODS OF ANALYSIS ...Activation Analysis; Analysis and Detection; Chemical Extraction; Gamma Spectroscopy; Ion Exchange; Water Pollution Sources; ...2.0515

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Gas Chromatography; Mass Spectroscopy; Potable Water; Taste & Odor of Water; Water Pollution Sources; ...2.0526

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Analysis and Detection; Gas Chromatography; Mass Spectroscopy; Microorganisms -nonspecific; Water Bacteria; Water Pollution -see Specifics; Water Pollution Sources; ...2.0527

DETERMINATION OF DEGRADED DYES AND AUXILIARY CHEMICALS IN EFFLUENTS FROM TEXTILE DYEING PROCESSES ...Chromatography; Dye Wastes; Industrial Wastes; Lagoon; Textile Industry; Waste Water Treatment -general; ...2.0555

THE SEPARATION AND IDENTIFICATION OF TRACE ORGANICS OF INDUSTRIAL ORIGIN IN NATURAL WATERS ...Adsorption; Concentration; Gas Chromatography; Infrared Spectroscopy; Organic Matter; ...2.0581

APPLICATION OF ELECTRON SPIN RESONANCE IN WATER POLLUTION STUDIES ...Analysis and Detection; Chemical Analysis (water); Urban Environment; Urban Research -general; Water Pollutant Identification; ...2.0591

DETECTION, IDENTIFICATION, AND DETERMINATION OF OILS, TARS, AND SLIMES BY REFLECTANCE SPECTROSCOPY ...California; Chemical Properties; Internal Reflection; Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0630

EVALUATION OF PYRITIC OXIDATION BY NUCLEAR METHODS ...Acid Mine Drainage; Autotrophic Bacteria; Cellular Catabolism-see Degrad; Mechanism Determination; Oxidation; ...2.0758

PHYSICAL-CHEMICAL PHENOMENA ASSOCIATED WITH ORGANO-COLLOIDAL SURFACE INTERACTIONS ...Adsorption; Calorimetry; Colloidal Phenomena; Degradation -see Pesticide Deg; Organic Matter; Water Chemistry; Xray Diffraction; ...2.0886

DEVELOPMENT OF METHODOLOGY FOR ISOLATION OF VIRUSES FROM WATER ...Adsorption; Ionic Effect; Kinetics; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.0954

GAMMA RADIATION OF TEXTILE WASTE WATER TO REDUCE POLLUTION ...Biochemical Oxygen Demand; Chemical Mechanisms & Kinetics; Detergents -see Surfactants; Industrial Wastes; Radiolysis; Temperature; Textile Industry; Waste Water Treatment -general; ...2.1141

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; D, 2,4-; Dichlobenil; Haloragaceae; Metabolites From Pesticides; Pesticide Action on Plants; Plant; Simazine; ...4.0004

EQUIPMENT AND TECHNIQUES FOR WEED CONTROL ...Bioassay; Gas Chromatography; Physical Control; ...4.0111

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Chromatography; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Surfactants - Wetting Agents; ...4.0502

COMPARISON OF METHODS USED TO MEASURE ESTERASE ACTIVITY. INTERACTIONS BETWEEN PESTICIDES ON FISH ENZYME SYSTEMS ...Ictalurus Punctatus; Lepomis Macrochirus; Pesticide Action on Animals; Pesticides -nonspecific; Pesticides -see Pesticide; Salmo Clarki; ...4.0702

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Paraoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

CHARACTERIZATION OF RADIOACTIVE PARTICLES PRODUCED BY NUCLEAR DETONATION ...Air Pollution Analysis; Fallout -see Radioactive; Nuclear Detonations; Radiation Effects - Biological; Radioactive Fallout; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; ...5.0007

EXPERIMENTAL EMBRYOGENESIS AND HISTOGENESIS IN PINUS LAMBERTIANA ...Cell Injury and Autolysis; Growth Substances; Microscopic Spectrophotometry; Pinus Lambertiana; Plants; Reproductive Physiology; Translocation; ...5.0212

RADIOLYSIS OF HETEROGENEOUS SYSTEMS ...Adsorption; Chemical Mechanisms & Kinetics; Colloidal Phenomena; Conductrometry; Light Scattering Analysis; Radiation; Radiochemical Analysis; ...5.0259

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Hydrogen; Isotope Tracer -see Tracers; Kinetics; Mass Spectroscopy; Polymerization; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0353

THEORETICAL INVESTIGATION OF ELECTRON LET SPECTRA AND DOSE RELATIONSHIP FOR IONIZING RADIATIONS ...Beta Particles; Dosimetry; Metabolism and Biochemistry, Permeability; Radiation Chemistry -biophys.; ...5.0492

BIOENERGETIC MECHANISMS INVOLVING FREE RADICALS - RADIOMIMETIC MECHANISMS AND IRRADIATION STUDIES RELATED TO AGING ...Chemical Mechanisms & Kinetics; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiolysis; ...5.0516

COMPUTER DATA REDUCTION FOR AIRCREW FLASHBLINDNESS PREDICTION ...Burns; Computer Methods - general; Nuclear Warfare; Occupational Hazards; Radiation -see Specifics; Radiation Injury Prevention; ...5.0701

HIGH ALTITUDE RADIATION INSTRUMENT SYSTEM ...Aerospace Studies; Aircraft Remote Sensing; Environmental Hazards; Ionization Chambers; Radiation Detectors; ...5.0786

RADIATION SAMPLING IN ANTARCTICA ...Antarctica; Atomic Plants; Energy Conversion; Nuclear Reactors; Waste Disposal; Water Pollution Sources; ...5.0810

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Air Occupation - Avocation; Aviation Medicine; Protons; Radioactivity; ...5.0863

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Aerosols; Balloons; Electrical Phenomena; Gamma Radiation; Mineral Processing Industry; Radiation -terrestrial; Radioactivity; Uranium; ...5.0879

RADIOLOGICAL PHYSICS ...Alpha Particles; Cell Injury and Autolysis; Cellular Viability; Dosimetry; Minimum Or Threshold Dose; Radiation; ...5.0892

ULTRA LOW LEVEL RADIONUCLIDE ANALYSIS ...Analysis and Detection; Chemical Analysis (water); Detectors and Sensors; Gamma Spectroscopy; Ion Exchange; Organic Matter; Trace Elements; ...5.0919

HEALTH PHYSICS RESEARCH REACTOR AND MONOENERGETIC RADIATIONS FACILITY ...Dosimetry; Ionizing Radiation -see Rad.; Radiation Injury Prevention; Radioactive Hazard; Van De Graaff Accelerator; X and Gamma Rays; ...5.0925

INHALATION HAZARDS TO URANIUM MINERS - RADIOCHEMICAL STUDIES ...Aerosols; Mammals -nonspecific; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Radium; Scintillation Counting; ...5.0961

RADIATION INSTRUMENTATION - RADIOLOGICAL CHEMISTRY ...Radiologic Health; Water Pollution Sources; ...5.0963

Alpha Spectroscopy

PHYSICAL CHEMISTRY OF RADIOELEMENTS - RADIOMETRIC METHODS OF ANALYSIS ...Activation Analysis; Analysis and Detection; Chemical Extraction; Gamma Spectroscopy; Ion Exchange; Spectrographic Techniques; Water Pollution Sources; ...2.0515

Atomic Absorption

MINERAL MATTER IN COAL ...Activation Analysis; Coal; Combustion Air Pollution-gen; Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE ...Activation Analysis; Atmospheric Dynamics; Bromine; Chlorine; Iodine; New Zealand; Trace Elements; Urban Research -general; ...1.0137

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII ...Activation Analysis; Air Pollution; Air Pollution Sampling; Antarctica; Lead; Pacific Ocean; Trace Analysis; ...1.0138

ATOMIC ABSORPTION SPECTROSCOPY WITH A HIGH TEMPERATURE FURNACE ...Air Pollution Monitoring; Clouds - Precipitation; Montana; Particulates and Aerosols; Snow; ...1.0737

ANALYSIS OF SUSPENDED PARTICULATE SAMPLES (ABBREV) ...Air Pollution-chemistry; Emission Spectroscopy; Microscopy; X-ray Spectroscopy; Xray Diffraction; ...1.0832

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

TRACE AND TRACER ELEMENTS IN GROUND WATER: PHASE III ...Arizona; Chemical Analysis (water); Groundwater, Industrial Wastes; Lead; Natural Recharge; Soil Chemical Properties; Water Pollution Sources; Zinc; ...2.0017

ACCUMULATION OF METALS IN THE AQUATIC FOOD CHAIN IN THE ILLINOIS RIVER ...Analysis and Detection; Aquatic Soils, Bioassays; Illinois River; Plant Food Chains; Water Pollution Effects; ...2.0125

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Analysis and Detection; Contamination - Water; Lead; Mine Hydrology; Missouri; Pollution Effects -see Water; Water Pollution Effects; Zinc; ...2.0226

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Radiochemical Analysis; Soil Chemical Properties; Water Pollutants - Path of; Water Quality -general; ...2.0314

SEPARATION AND IDENTIFICATION OF TOXIC COMPOUNDS IN OIL REFINERY EFFLUENTS ...Chromatography; Effluents - Waste Water; Industrial Wastes; Mass Spectroscopy; Petroleum Research; Waste Management -see Specific; Waste Water Treatment -general; ...2.0316

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Air Pollution -see Specifics; Chlorine; Electrochemistry; Fluorine; Iodine; Rain; ...2.0544

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Air - Sea Boundary Studies; Bays; Degradation -see Pesticide Deg; Hawaii; Marine Pollution; Organic Matter; Water Pollutant Identification; ...2.0567

METHODS IN SPECTROGRAPHIC ANALYSIS OF SOILS & PLANTS FOR MINOR ELEMENTS ...Animal Migration; Drainage; Emission Spectroscopy; Fluorometry; Soil Analysis; X-ray Spectroscopy; ...2.0580

ANALYSIS OF MERCURY CONTENT OF SHELLFISH OFF THE MASSACHUSETTS SEACOAST ...Contamination - Water; Crustacea; Invertebrate Physiology; Mercury; Mollusca; ...2.0616

ANALYSIS OF FISH TISSUE FOR MERCURY CONTENT ...Analysis and Detection; Connecticut River; Contamination - Water; Fish; Massachusetts; Mercury; Water Pollutant Identification; ...2.0617

NATURE OF EXOTIC SUBSTANCES IN SURFACE WATERS AND IMPLICATIONS AS WATER SUPPLY CONTAMINANTS ...Arthropods; Detectors and Sensors; Emission Spectroscopy; Gas Chromatography; Periphyton; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0706

EXPLORATORY STUDY OF LIMITATIONS OF BOD FOR ANIMAL WASTE EVALUATION ...Antihelminth; Biochemical Oxygen Demand; Chemical Analysis; Farm Animal Wastes; Pesticide Residues; Sus; Total Organic Carbon; ...2.0712

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Analysis and Detection, Fuels; Lakes; Lead; Mineralization; Recreation, Water Resources; Types of Resources; Water Pollutant Identification; ...2.0807

ATOMIC ABSORPTION ANALYSIS OF PHOSPHATES IN WATER ...Analysis and Detection; Effluents - Waste Water; Waste Properties; Water Pollutant Identification; ...2.0867

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Lead; Mineralogy; Ore Deposits; Pond; Precipitation; Waste Water Treatment -general; X-ray Spectroscopy; ...2.1322

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - WATER QUALITY EFFECTS ...Acidity (water); Gas Chromatography; Mineralogical Water Properties; Waste Management -see Specific; ...2.1561

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Aquatic Soils; Bottom Sampling; Chemical Analysis (water); Effluents - Waste Water; Industrial Wastes; Water Pollution Effects; ...2.1563

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Aquatic Ecology - Animal; Geochemical Analysis (water); Lead; Precipitation; Water Pollution Effects; Water Purification; Zinc; ...2.1626

HEALTH EFFECTS OF TOXIC CHEMICALS WITHIN THE WATER ENVIRONMENT ...Animal Toxins; Clams; Eastern U. S.; Lead; Marine Environments; Pollution Effects -see Water; ...2.1697

ULTRA LOW LEVEL RADIONUCLIDE ANALYSIS ...Analysis and Detection; Chemical Analysis (water); Detectors and Sensors; Gamma Spectroscopy; Ion Exchange; Organic Matter; Trace Elements; ...5.0919

Electron Spectroscopy

DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR THE MEASUREMENT OF TRACE CONTAMINANTS IN AIR FORCE MANNED WEAPON SYSTEMS ...Aviation Medicine; Controlled Atmosphere; Military Personnel; Respiratory Irritants, Inhaled; Trace Analysis; ...1.0848

Electron Spin Resonance

ESR STUDIES OF FREE RADICALS IN RELATION TO BIOLOGICAL EFFECTS OF RADIATION ...Laser Effects -bioeffects, Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Injury Prevention; Sulfhydryl Compounds; Ultra Violet Radiation; ...5.0164

Emission Spectroscopy

SPREADING OF LEAD IN RURAL AREAS ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Food Contamination; Lead; Rural Areas; Toxic Substances; Water Pollutants - Path of; X-ray Spectroscopy; ...1.0703

DEVELOPMENT AND TESTING OF A FLAME PHOTOMETRIC DETECTOR DESIGNED TO MEASURE OXIDES OF NITROGEN ...Air Pollution-chemistry; Detectors and Sensors; Nitrogen and Nitrogen Cpds.; ...1.0806

FRABRICATION AND EVALUATION OF A PORTABLE FLAME PHOTOMETRIC DETECTOR DESIGNED TO MEASURE SO2 AND NOX IN STACK PLUMES ...Air Pollution-chemistry; Combustion; Detectors and Sensors; Nitrogen and Nitrogen Cpds.; ...1.0807

ESTABLISH THE EFFICIENCY OF RECOVERY OF BERYLLIUM FROM SAMPLES OF COLLECTED PARTICULATE MATTER ...Air Pollution-chemistry; Particulates - Air Pollution; ...1.0819

ANALYSIS OF SUSPENDED PARTICULATE SAMPLES (ABBREV) ...Air Pollution-chemistry; Atomic Absorption; Microscopy; X-ray Spectroscopy; Xray Diffraction; ...1.0832

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Isotope Tracer - see Tracers; Marine Geology; Ocean Circulation -general; Radioactive Fallout; Radioactivity; ...2.0187

ANALYTICAL METHODS - WATER CHEMISTRY ...Analysis and Detection; Chromatography; Electroanalyses; Photometry; Trace Analysis; Water Pollutant Identification; Zinc; ...2.0514

METHODS IN SPECTROGRAPHIC ANALYSIS OF SOILS & PLANTS FOR MINOR ELEMENTS ...Animal Migration; Atomic Absorption; Drainage; Fluorometry; Soil Analysis; X-ray Spectroscopy; ...2.0580

NATURE OF EXOTIC SUBSTANCES IN SURFACE WATERS AND IMPLICATIONS AS WATER SUPPLY CONTAMINANTS ...Arthropods; Atomic Absorption; Detectors and Sensors; Gas Chromatography; Periphyton; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0706

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF WATER QUALITY ...Aircraft Remote Sensing; Data Reduction and Analysis; Internal Reflection; Legislation - Zoning; Water Pollutant Identification; Water Resources Planning; Wisconsin; ...2.0857

ENRICHMENT OF METALS IN SEAWATER BY FOAM PRODUCTION ...Bubbles; Chemical Mechanisms & Kinetics; Foam; Marine Pollution; Sea Water Chemistry; Trace Elements, Water Chemistry; X-ray Spectroscopy; ...2.1043

DISTRIBUTION AND INTERRELATIONSHIP OF ELEMENTS IN BIOLOGICAL SYSTEMS ...Deserts, Arid Lands; Mineral Nutrition; Plant Physiological Ecology; Plants; Radioecology - Plants; Radioisotopes -nonspecific; Translocation; ...5.0012

Flame Photometry

MISCELLANEOUS CHEMICAL INVESTIGATIONS ...Chemical Analysis; Cirsium; Electrochemistry; Insecticides -nonspecific; Pesticide Evaluation; ...4.1067

Fluorometry

SELENIUM AND ITS SIGNIFICANCE AS AN AIR POLLUTANT ...Adsorption, Catalysts; Combustion; Disposal; Fuels; Solid Waste; Trace Elements; ...1.0057

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Air Pollution-chemistry; Electron Diffraction; Microscopy; Reduction Reactions; X-ray Spectroscopy; Xray Diffraction; ...1.0629

DEVELOP AND EVALUATE A ROUTINE METHOD FOR MEASURING BENZANTHRONE ...Air Pollution-chemistry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0764

ANALYZE COLLECTED SAMPLES OF SUSPENDED PARTICULATE MATTER FOR BENZENE SOLUBLE ORGANICS AND FOR BENZO(A)PYRENE ...Air Pollution Analysis; Air Pollution-chemistry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0825

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE ...Aircraft Remote Sensing; Chesapeake Bay; Estuaries; Monolayers; Petroleum Wastes - Spillage; Water Pollutants - Path of; Wind; ...2.0411

FLUORESCENT PROBES IN THE DEVELOPMENT OF NEW ANALYTICAL METHODS FOR WATER POLLUTION ...Analysis and Detection; Quantum Yield; Water Pollutant Identification; ...2.0553

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Air - Sea Boundary Studies; Atomic Absorption; Bays; Degradation -see Pesticide Deg. Hawaii; Marine Pollution; Organic Matter; Water Pollutant Identification; ...2.0567

METHODS IN SPECTROGRAPHIC ANALYSIS OF SOILS & PLANTS FOR MINOR ELEMENTS ...Animal Migration; Atomic Absorption; Drainage; Emission Spectroscopy; Soil Analysis; X-ray Spectroscopy; ...2.0580

TEMPERATURE INCREASES BELOW DAMS ...Dams -general; Dyes; Meteorologic Instruments -gen.; Thermal Pollution; ...2.0806

Gamma Spectroscopy

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Activation Analysis; Cesium; Fish; Marine Animals; Radioactive Fallout; Radioactivity; Sea Water Sampling; Zinc; ...2.0051

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Beta Particles; Canals; Dredging; Harbors; Marine Geology; Ocean Meteorological Studies; Radioactivity; Seismology; ...2.0424

PHYSICAL CHEMISTRY OF RADIOELEMENTS - RADIOMETRIC METHODS OF ANALYSIS ...Activation Analysis; Analysis and Detection; Chemical Extraction; Ion Exchange; Spectrographic Techniques; Water Pollution Sources; ...2.0515

GEOCHEMICAL OCEAN SECTION STUDY ...Activation Analysis, Chemical Composition; Marine Geology; Radioactive Isotopes; Radioactivity; Sea Water Chemistry; Trace Analysis; ...2.0844

DEWATERING AND DRYING OF SLUDGE ON POROUS MEDIA ...Colloidal Phenomena; Dewatering; Fluid Mechanics; Porous Filters; Sand Filters; Sludge; ...2.1419

BIOCHEMISTRY AND PHYSIOLOGY OF ADIPOSE TISSUE OF MEAT ANIMALS ...Aging; Chemical Analysis; Chlorine; Ovis; Petroleum Cpds. -nonspecific; Sus; ...4.0837

FALLOUT CESIUM-137 IN A NORMAL POPULATION ...Cesium; Food Contamination; Metabolism and Biochemistry; Monitoring Devices; Potassium; Radiologic Health; Whole Body; ...5.0462

DETERMINATION OF UPTAKE RATES, ORGAN SPECIFICITIES, AND BIOLOGICAL LIFETIMES OF RADIOISOTOPES AND ELEMENTAL SPECIES IN THE RAT ...Barium; Chelation & Complexing; Mercury; Radiation Injury Prevention; Tantalum; ...5.0781

GAMMA-RAY SPECTROMETRY ...Aircraft Remote Sensing; Gamma Radiation; Geologic Maps; Geological Exploration; ...5.0801

FALLOUT CESIUM-137 IN A NORMAL POPULATION ...Body Isotope Burden; Cesium; Mathematical Models; Radiologic Health; Whole Body; ...5.0866

ULTRA LOW LEVEL RADIONUCLIDE ANALYSIS ...Analysis and Detection; Chemical Analysis (water); Detectors and Sensors; Ion Exchange; Organic Matter; Trace Elements; ...5.0919

Infrared Spectroscopy

COMBUSTION GAS COMPOSITION ...Air Pollution-chemistry; Chromatography; Combustion; Engines; Mass Spectroscopy; Nitrogen and Nitrogen Cpds.; Ultraviolet Spectroscopy; ...1.0005

URBAN RADIATION ...Air Pollution-chemistry; Humidity - Water Vapor; Nitrogen and Nitrogen Cpds.; Radiation -terrestrial; Solar Radiation -sunshine; ...1.0103

CATALYTIC DECOMPOSITION OF NITROGEN OXIDES ...Catalysts; Combustion; Degradation; Fuels; Inert Atmosphere; Nitrogen and Nitrogen Cpds.; ...1.0133

INFRARED SPECTROSCOPIC ANALYSIS OF TRACE POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Combustion; Fluidized Bed Reactor; Power Plants; Trace Analysis; ...1.0165

GAS-OFF STUDIES ON NONMETALLIC MATERIALS USED IN AIR FORCE SYSTEMS ...Aircraft, Space Applcn.; Chemical Mechanisms & Kinetics; Gas Chromatography; Impurity; Liquid Chromatography; Mass Spectroscopy; ...1.0285

INFLUENCE OF ENVIRONMENT, CHEMICAL ADDITIVES AND AIR POLLUTANTS ON APPARENT PHOTOSYNTHESIS AND RESPIRATION ...Absorption (incl. Adsorption); Industrial Pollution -general; Lactuca; Nitrogen and Nitrogen Cpds.; Parathion; Phaseolus; Respiration; ...1.0324

FUNDAMENTALS OF AIR CLEANING BY SORPTION PROCESSES ...Adsorption; Air Cleaning Devices; Air Pollution-chemistry; Heat Transmission; Mechanism Determination; Spectrographic Techniques; ...1.0596

SOME TRANSITION METAL CHEMISTRY AND STRUCTURES OF COMPLEXES INVOLVING TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Chelation & Complexing; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Ultraviolet Spectroscopy; ...1.0619

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GAS--PART C ...Adsorption; Catalysts; Energy Conversion; Mass Spectroscopy; Spectrographic Techniques; Waste Material Recovery; ...1.0635

DEVELOPMENT OF AN IMPROVED NON-DISPERSIVE INFRARED ANALYZER FOR CARBON MONOXIDE ...Air Pollution-chemistry; ...1.0670

HIGH RESOLUTION IR ABSORPTION SPECTRA OF GAS POLLUTANTS AT AMBIENT CONDITIONS AND TO INCLUDE SO2, NO, NO2, NH3, HNO3, C2H4 INITIALLY ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; ...1.0685

BENDIX MULTI-CHANNEL IR SPECTROPHOTOMETER DEVELOPMENT FOR LONGPATH MONITORING OF OZONE ...Air Pollution-chemistry; ...1.0701

APPLICATION OF SOLID STATE DIODE LASERS TO VERY HIGH RESOLUTION SPECTROSCOPY OF GAS POLLUTANTS - SO2, CH2O, O3 ...Air Pollution-chemistry; Gases; Interferometry; Lasers and Masers; Particulates and Aerosols; Resolution; Windows; ...1.0716

THEORETICAL INVESTIGATION OF INFRARED RADIATIVE TRANSFER ...Air Pollution-chemistry; ...1.0725

INFRARED REMOTE SENSING OF AIR POLLUTANTS AND FOREST FIRES ...Air Pollution Monitoring; Detectors and Sensors; Gases; Radiochemical Analysis; ...1.0742

START OF FIELD STUDY OF IR EMISSION SPECTRA FROM SO2 IN POWER PLANT PLUMES ...Air Pollution-chemistry; Exhaust, Combustion -see Auto; Gases; Power Plants -see Specifics; ...1.0752

FIELD PERFORMANCE AND APPLICATION EVALUATION OF BARRINGER REMOTE SENSING AND INSTACK MEASUREMENT OF SO2 EMISSIONS BY CORRELATION SPECTROSCOPY ...Air Pollution Analysis; Air Pollution-chemistry;

Gases; Ultra - Violet Radiation; Ultraviolet Spectroscopy; ...1.0784

EVALUATION OF METHODS FOR DETERMINATION OF NITROGEN OXIDES IN AUTOMOTIVE EMISSIONS ...Air Pollution-chemistry; Combustion; Electroanalyses; Nitrogen and Nitrogen Cpds.; Ultraviolet Spectroscopy; ...1.0795

POLLUTANTS IN CHIMNEY STACK PLUMES ...Air Pollution - see Specifics; Air Pollution-chemistry; Combustion; Energy Conversion; Particulate Matter - Air Poll.; Radiation Detectors; ...1.0846

CHEMICAL AND SPECTROSCOPIC INVESTIGATION OF AIR POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Detectors and Sensors; Light Visible Specroscopy; Ultraviolet Spectroscopy; ...1.0868

SINGLET MOLECULAR OXYGEN - OXIDATION IN POLLUTED AIR ...Air Pollution -see Specifics; Atmospheric Dynamics; Detectors and Sensors; Photosensitizer; Spectrographic Techniques; ...1.0870

PHOTOCHEMICAL REACTIONS IN A FLOW REACTOR ...Aerosols; Flow Reactor; Light-catalyzed, Photochemical Reactions; ...1.0871

OXIDATION MECHANISMS ON SUPPORTED CHROMIA CATALYSTS ...Air Pollution-chemistry; Catalysis, Heterogeneous; Combustion; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; ...1.0884

TOTAL ORGANIC CARBON AS A POLLUTION CONTROL PARAMETER IN SUB-ARCTIC WATERS ...Alaska; Chemical Oxygen Demand; Organic Matter; Polar Regions; Water Pollutant Identification; ...2.0007

SEPARATION AND IDENTIFICATION OF TOXIC COMPOUNDS IN OIL REFINERY EFFLUENTS ...Atomic Absorption; Chromatography; Effluents - Waste Water; Industrial Wastes; Mass Spectroscopy; Petroleum Research; Waste Management -see Specific; Waste Water Treatment -general; ...2.0316

THE SIGNIFICANCE AND CONTROL OF WASTEWATER FLOATABLES IN COASTAL WATERS ...Bacterial Pollutant Sources; Chromatography; Coliforms -nonspecific; Effluents - Waste Water; Marine Pollution; Waste Management -see Specific; ...2.0488

ORGANIC SUBSTANCES IN WATER ...Analysis and Detection; Chemical Analysis (water); Chlorinated Hydrocarbons; Distillation; Herbicides -nonspecific; Organic Matter; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0496

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ...Aircraft Remote Sensing; Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Infrared Radiation; Mapping; Survey Studies (water); Temperature (water); Thermal Pollution; ...2.0524

DEVELOPMENT OF INSTRUMENTAL TECHNIQUES FOR THE ANALYSIS OF TRACE ORGANIC CONSTITUENTS IN WATER ...Chromatography; Gas Chromatography, Odor; Potable Water; Trace Analysis; ...2.0525

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Gas Chromatography; Mass Spectroscopy; Potable Water; Taste & Odor of Water; Water Pollution Sources; ...2.0526

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Analysis and Detection; Gas Chromatography; Mass Spectroscopy; Microorganisms -nonspecific; Water Bacteria; Water Pollution -see Specifics; Water Pollution Sources; ...2.0527

DETECTION OF OIL CONTAMINATION IN SEA WATER ...Chemical Analysis (water); Oil; Petroleum Wastes - Spillage; ...2.0577

THE SEPARATION AND IDENTIFICATION OF TRACE ORGANICS OF INDUSTRIAL ORIGIN IN NATURAL WATERS ...Adsorption; Concentration; Gas Chromatography; Organic Matter; Spectrographic Techniques; ...2.0581

DETECTION, IDENTIFICATION, AND DETERMINATION OF OILS, TARS, AND SLIMES BY REFLECTANCE SPECTROSCOPY ...California; Chemical Properties; Internal Reflection; Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0630

BEHAVIOR OF PLATINUM ELECTRODES AS REDOX POTENTIAL INDICATORS IN METALLURGICAL SYSTEMS ...Analysis and Detection; Electrical, Electronic Mtl.; Electrochemistry; Metal Processing Wastes; Oxidation; Water Pollutant Identification; ...2.0640

RECOVERY, SEPARATION AND IDENTIFICATION OF PHENOLIC COMPOUNDS, NEW JERSEY ...Chemical Analysis (water); Distillation; New Jersey; Separation; Ultraviolet Spectroscopy; ...2.0681

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Gas Chromatography; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Radioactivity; Sea Water Properties; Water Standards & Baselines; ...2.0699

AN INVESTIGATION OF ACID MINE DRAINAGE CHEMICAL POLLUTANTS USING LASER-RAMAN AND INFRARED SPECTROSCOPIES ...Acid Mine Wastes; Chemical Analysis (water); Mine Drainage Control; Raman Spectroscopy; Zinc; ...2.0764

RESEARCH ON AN ANIMAL-WASTE POLLUTION CONTROL SYSTEM ...Air Pollution; Animal Wastes - Feed Lots; Dewatering; Farm Animal Wastes; Gas Chromatography; Nitrogen and Nitrogen Cpds.; Waste Water Treatment -general; ...3.0289

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Pesticides - see Pesticide; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

MECHANISM OF ADSORPTION OF VARIOUS HERBICIDES BY SOIL HUMIC SUBSTANCES ...Adsorption; Chemical Analysis; Environment Accumulation Rates; Kinetics; Pesticide Persistance in Soils; Soil Amendments; Soil Chemical Properties; ...4.0171

EVALUATION OF NATURALLY OCCURRING HALOGENATED COMPOUNDS AS POSSIBLE INTERFERENCES IN PESTICIDE RESIDUE ANALYSIS ...Chemical Analysis; Chlorinated Hydrocarbons; Chlorine; Gas Chromatography; Polychlorinated Biphenyl Cpds.; Thin Layer Chromatography; ...4.1059

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analysis; D, 2,4-; Diazinon; Gas Chromatography; Malathion; Methoxychlor; Ponds; Thin Layer Chromatography; ...4.1061

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols; Cerium; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Hydrogen; Isotope Tracer -see Tracers; Kinetics; Mass Spectroscopy; Polymerization; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0353

Internal Reflection

DETECTION, IDENTIFICATION, AND DETERMINATION OF OILS, TARS, AND SLIMES BY REFLECTANCE SPECTROSCOPY ...California; Chemical Properties; Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0630

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF WATER QUALITY ...Aircraft Remote Sensing; Data Reduction and Analysis; Legislation - Zoning; Water Pollutant Identification; Water Resources Planning; Wisconsin; ...2.0857

Light Visible Specroscopy

SOME TRANSITION METAL CHEMISTRY AND STRUCTURES OF COMPLEXES INVOLVING TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Chelation & Complexing; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Ultraviolet Spectroscopy; ...1.0619

POLARIZATION OF E.M. RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Air Pollution-chemistry; Effects; Polarography; Tectonics; Ultraviolet Spectroscopy; ...1.0865

CHEMICAL AND SPECTROSCOPIC INVESTIGATION OF AIR POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Detectors and Sensors; Ultraviolet Spectroscopy; ...1.0868

RECOVERY, SEPARATION AND IDENTIFICATION OF PHENOLIC COMPOUNDS, NEW JERSEY ...Chemical Analysis (water); Distillation; Infrared Spectroscopy; New Jersey; Separation; Ultraviolet Spectroscopy; ...2.0681

WATER QUALITY IMPROVEMENT - KINETICS AND MECHANISM OF THE CHLORINATION-DEGRADATION OF UREA AND URIC ACID ...Chlorination; Chlorine; Oxidation; Sterilants; Water Chemistry; ...2.0926

Mass Spectroscopy

COMBUSTION GAS COMPOSITION ...Air Pollution-chemistry; Chromatography; Combustion; Engines; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Ultraviolet Spectroscopy; ...1.0005

AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Combustion; Energy Conversion; Fuels; Photochemical Reactions; Wall Effects; ...1.0009

ATOMIC REACTION KINETICS ...Air Pollution-chemistry; Combustion; Oxidation; Rate of Reaction; ...1.0035

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Catalysts; Combustion; Fire Research -see Forest Fire; Food Contamination; Fuels; Pyrolysis; Thin Layer Chromatography; ...1.0149

GAS-OFF STUDIES ON NONMETALLIC MATERIALS USED IN AIR FORCE SYSTEMS ...Aircraft, Space Applcn.; Chemical Mechanisms & Kinetics; Gas Chromatography; Impurity; Infrared Spectroscopy; Liquid Chromatography; ...1.0285

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GAS--PART C ...Adsorption; Catalysts; Energy Conversion; Spectrographic Techniques; Waste Material Recovery; ...1.0635

CONTACT MONITORING OF INSTRUMENTATION DEVELOPMENTS FOR MOBILE SOURCES ...Air Pollution Monitoring; Air Pollution-chemistry; Combustion; Combustion Air Pollutogen; Gases; Organic Compounds; ...1.0794

STUDIES OF O ATOM REACTIONS OF ATMOSPHERIC IMPORTANCE ...Air Pollution-chemistry; Gas Chromatography; Mechanism Determination; Oxidation; Rate of Reaction; Spectrographic Techniques; ...1.0876

SEPARATION AND IDENTIFICATION OF TOXIC COMPOUNDS IN OIL REFINERY EFFLUENTS ...Atomic Absorption; Chromatography; Effluents - Waste Water; Industrial Wastes; Petroleum Research; Waste Management -see Specific; Waste Water Treatment -general; ...2.0316

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Gas Chromatography; Potable Water; Taste & Odor of Water; Water Pollution Sources; ...2.0526

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Analysis and Detection; Gas Chromatography; Microorganisms -nonspecific; Water Bacteria; Water Pollution - see Specifics; Water Pollution Sources; ...2.0527

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Gases; Marine Biology - General; Marine Environments; Ocean; Organic Water Properties; Particle - Gas Transfer; Radioactivity; Waste Management -see Specific; ...2.0564

THE SEPARATION AND IDENTIFICATION OF TRACE ORGANICS OF INDUSTRIAL ORIGIN IN NATURAL WATERS ...Adsorption; Concentration; Gas Chromatography; Infrared Spectroscopy; Organic Matter; Spectrographic Techniques; ...2.0581

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Detergents -see Surfactants; Industrial Wastes; Lasers and Masers; Pesticides -see Pesticide; Petroleum Research; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Gas Chromatography; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Radioactivity; Sea Water Properties; Water Standards & Baselines; ...2.0699

CHLORINATED ORGANIC CONTAMINANTS IN THE MILWAUKEE RIVER ...Analysis and Detection; Bioassays; Degradation -see Pesticide Deg; Lake Michigan; Organic Water Properties; Polychlorinated Biphenyl Cpds.; ...4.0076

DEVELOPMENT OF TECHNIQUES FOR IDENTIFICATION OF PESTICIDES AND THEIR METABOLITES BY MASS SPECTROMETRY ...Carbon; Chemical Analysis (water); Insecticides - nonspecific; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.1056

METHODS FOR EXTRACTION OF PESTICIDES FROM POND MUD PROJECT - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Analysis and Detection; Chemical Analysis; D, 2,4-; Diazinon; Gas Chromatography; Malathion; Methoxychlor; Ponds; Thin Layer Chromatography; ...4.1061

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Hydrogen; Isotope Tracer -see Tracers; Kinetics; Polymerization; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0353

Microscopic Spectrophotometry

EXPERIMENTAL EMBRYOGENESIS AND HISTOGENESIS IN PINUS LAMBERTIANA ...Cell Injury and Autolysis; Growth Substances; Pinus Lambertiana; Plants; Reproductive Physiology; Spectrographic Techniques; Translocation; ...5.0212

Microwave Spectroscopy

EVALUATION OF ADVANCED SPECTROSCOPIC TECHNIQUES ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; ...1.0004

HERBICIDE RESIDUE METHODS ...Atrazine; Chemical Analysis; Pesticide Residues, Prometone; Propazine; Urea Cpds. -nonspecific; ...4.1064

CHEMICAL DOSIMETRY ...Detectors and Sensors; Instrumentation; Microwave and Radiofrequency; Polymerization; Radiolysis; ...5.0084

Mossbauer Spectroscopy

EVALUATION OF PYRITIC OXIDATION BY NUCLEAR METHODS ...Acid Mine Drainage; Autotrophic Bacteria; Cellular Catabolism-see Degrad; Mechanism Determination; Oxidation; ...2.0758

Polarimetry

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Em Radiation; Marine Biology - General; Monolayers; Reflectance; Survey Studies (water); Water Pollutant Identification; ...2.0499

Raman Spectroscopy

SOME TRANSITION METAL CHEMISTRY AND STRUCTURES OF COMPLEXES INVOLVING TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Chelation & Complexing; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Rate of Reaction; Ultraviolet Spectroscopy; ...1.0619

MEASUREMENTS FOR AIR QUALITY ...Aerosols; Air Pollution Analysis; Air Pollution-chemistry; Chemical Composition; Gases; Light Scattering Analysis; Particulates - Air Pollution; ...1.0687

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Detergents -see Surfactants; Industrial Wastes; Lasers and Masers; Mass Spectroscopy; Pesticides -see Pesticide; Petroleum Research; Surfactants -see Detergents; ...2.0599

AN INVESTIGATION OF ACID MINE DRAINAGE CHEMICAL POLLUTANTS USING LASER-RAMAN AND INFRARED SPECTROSCOPIES ...Acid Mine Wastes; Chemical Analysis (water); Infrared Spectroscopy; Mine Drainage Control; Zinc; ...2.0764

Reflectance

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Em Radiation; Marine Biology - General; Monolayers; Polarimetry; Survey Studies (water); Water Pollutant Identification; ...2.0499

Sonic Spectrograph

HEARING AND VOCAL OUTPUT ...Auditory Physiology; Muridae; Noise; Psychological Response; Sensory & Perceptual Processes; Sound Production; ...6.0084

Ultraviolet Spectroscopy

COMBUSTION GAS COMPOSITION ...Air Pollution-chemistry; Chromatography; Combustion; Engines; Infrared Spectroscopy; Mass Spectroscopy; Nitrogen and Nitrogen Cpds.; ...1.0005

SOME TRANSITION METAL CHEMISTRY AND STRUCTURES OF COMPLEXES INVOLVING TWO COMMON AIR POLLUTANTS ...Air Pollution-chemistry; Chelation & Complexing; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0619

FIELD PERFORMANCE AND APPLICATION EVALUATION OF BARRINGER REMOTE SENSING AND INSTACK MEASUREMENT OF SO2 EMISSIONS BY CORRELATION SPECTROSCOPY ...Air Pollution Analysis; Air Pollution-chemistry; Gases; Infrared Spectroscopy; Ultra - Violet Radiation; ...1.0784

EVALUATION OF METHODS FOR DETERMINATION OF NITROGEN OXIDES IN AUTOMOTIVE EMISSIONS ...Air Pollution-chemistry; Combustion; Electroanalyses; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; ...1.0795

POLARIZATION OF E.M. RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Air Pollution-chemistry; Effects; Light Visible Specroscopy; Polarography; Tectonics; ...1.0865

CHEMICAL AND SPECTROSCOPIC INVESTIGATION OF AIR POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Detectors and Sensors; Light Visible Specroscopy, ...1.0868

BIOLOGICAL PROPERTIES OF SEWAGE LAGOONS AT TUSKEGEE, ALABAMA ...Alabama; Cellular Biosynthesis; Contamination - Water; Microorganisms -nonspecific; Sewage Lagoons; Water Pollutant Identification; Water Pollution Effects; ...2.0468

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

RECOVERY, SEPARATION AND IDENTIFICATION OF PHENOLIC COMPOUNDS, NEW JERSEY ...Chemical Analysis (water); Distillation; Infrared Spectroscopy; New Jersey; Separation; ...2.0681

WATER QUALITY IMPROVEMENT - KINETICS AND MECHANISM OF THE CHLORINATION-DEGRADATION OF UREA AND URIC ACID ...Chlorination; Chlorine; Light Visible Specroscopy; Oxidation; Sterilants; Water Chemistry, ...2.0926

USE OF GRANULAR ACTIVATED CARBON IN TREATMENT OF WASTE WATERS ...California; Nitrogen and Nitrogen Cpds.; Photometry; Thermal Regeneration; Waste Water Treatment - general; ...2.1368

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Hydrogen; Isotope Tracer -see Tracers; Kinetics; Mass Spectroscopy; Polymerization; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0353

MAINTENANCE OF MEMBRANE INTEGRITY IN MAMMALIAN CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; Radiation, Lethal Dose; ...5.0631

BIOCHEMICAL EFFECTS OF RADIATION ON INTACT HUMAN SKIN INCUBATED IN VITRO ...Carbon; Cellular Biosynthesis; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0692

X-ray Spectroscopy

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry, ...1.0050

CONTROLLED ENVIRONMENT STUDIES ON METAL CORROSION CAUSED BY AIR POLLUTION ...Air Pollution Effects; Coatings -see Materials; Gases; Nitrogen and Nitrogen Cpds.; ...1.0405

SULFATION KINETICS IN SO2 ABSORPTION FROM FLUE GAS ...Absorption - Chemistry; Air Pollution-chemistry; Costs - see Economics Entries; Furnaces; Sulfur Dioxide Removal; ...1.0536

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Air Pollution-chemistry; Electron Diffraction; Fluorometry; Microscopy; Reduction Reactions; Xray Diffraction; ...1.0629

SPREADING OF LEAD IN RURAL AREAS ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Food Contamination; Lead; Rural Areas; Toxic Substances; Water Pollutants - Path of; ...1.0703

ANALYSIS OF SUSPENDED PARTICULATE SAMPLES (ABBREV) ...Air Pollution-chemistry; Atomic Absorption; Emission Spectroscopy; Microscopy; Xray Diffraction; ...1.0832

ANALYTICAL METHODS - WATER CHEMISTRY ...Analysis and Detection; Chromatography; Electroanalyses; Photometry; Trace Analysis; Water Pollutant Identification; Zinc; ...2.0514

TRACE ELEMENT ANALYSIS BY DIRECT DETERMINATION ON ION EXCHANGE RESINS ...Analysis and Detection; Ion Exchange; Salt Water; Water Quality -general; ...2.0554

METHODS IN SPECTROGRAPHIC ANALYSIS OF SOILS & PLANTS FOR MINOR ELEMENTS ...Animal Migration; Atomic Absorption; Drainage; Emission Spectroscopy; Fluorometry; Soil Analysis; ...2.0580

DETERMINATION OF TRACE METAL POLLUTANTS IN WATER RESOURCES AND STREAM SEDIMENTS ...Analysis and Detection; Chemical Properties; Sediments; Trace Elements; Water Pollutant Identification; Water Pollution Sources; ...2.0727

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Leaching; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Filters; Soil Organic Content; Soil Texture; Waste Disposal on Soils; ...2.0988

ENRICHMENT OF METALS IN SEAWATER BY FOAM PRODUCTION ...Bubbles; Chemical Mechanisms & Kinetics; Foam; Marine Pollution; Sea Water Chemistry; Trace Elements; Water Chemistry; ...2.1043

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Atomic Absorption; Lead; Mineralogy; Ore Deposits; Pond; Precipitation; Waste Water Treatment -general; ...2.1322

DETERMINATION OF U-235 ENRICHMENT IN UNIRRADIATED URANIUM BEARING STREAMS ...Radioactive Isotopes; Uranium; Water Pollution Sources; Water Quality Control -general; ...5.0002

FIXATION OF CESIUM 137 BY SOIL CLAYS ...Adsorption Capacity; Cesium; Composition Controls; Diffraction; Ion Exchange; Mineralogy; Soil Chemical Properties; Soil Chemistry; ...5.0025

Xray and Electron Probe

METHODS IN SPECTROGRAPHIC ANALYSIS OF SOILS & PLANTS FOR MINOR ELEMENTS ...Animal Migration; Atomic Absorption; Drainage; Emission Spectroscopy; Fluorometry; Soil Analysis; X-ray Spectroscopy; ...2.0580

Spillways

RESERVOIR SEDIMENTATION ...Aquatic Soils; Chemical Properties; Model Studies; Physical Properties; Reservoirs and Impoundments; Sedimentation; Soil Chemical Properties; ...2.0213

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Survey Studies (water); Turbidity Currents; ...2.0217

Spoil Banks

VEGETATIVE STABILIZATION OF MINE TAILINGS, WASTES, AND SPOILS ...Climates -general; Gramineae -other; Mineral Nutrition; Oil Shale; Setaria; Soil Chemical Properties; ...2.0077

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

STUDIES OF COPPER TAILINGS ...Algae - Cyanophyta; Copper; Drainage; Lakes; Mine Wastes; Toxic Minerals; ...2.0200

STRIP-MINING AND WATER QUALITY ...Chemical Analysis (water); Mine Wastes; Ohio Strip Mines; Water Quality -general; ...2.0304

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Tectonics; Weathering Products; ...2.0308

STRIP-MINING AND WATER QUALITY ...Acidity (water); Chemical Analysis (water); Coal; Erosion; Mine Wastes; Rainfall Simulators; Thermal Poll. -see Water Poll.; ...2.0309

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation; Water Resources; Sediments; Soil Cover Crops; Strip Mines; Water Quality -general; ...2.0351

EFFECTS OF IRRIGATION OF MUNICIPAL SEWAGE EFFLUENT ON SPOILS BANKS ...Effluents - Waste Water; Irrigation; Mine Wastes; Sewage; Strip Mines; Waste Disposal on Soils; Water Pollution Abatement; ...2.1404

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Water Pollution Sources; ...2.1525

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fish; Industrial Wastes; Marine Animals; Mineralogical Water Properties; Physiological Effects; Zooplankton; ...2.1640

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Coastlines - Shorelines; Economics of Natural Resources; Lake Superior; Recreation, Outdoor; Regional

Economics, Solid Waste, Tectonics, Water Quality Control - general, ...2.1937

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water), Effluents - Waste Water, Industrial Wastes, Lysimeters, Moisture Deficiency, Percolation (water), Sewage, Soil Analysis, Soil Conservation-see Conserv., Soil pH, Taste & Odor of Water, Water Pollution Sources, ...3.0040

TREATMENT OF TAILINGS TO ENHANCE PLANT GROWTH AND PROMOTE STABILIZATION OF TAILINGS ...Bibliography, Lead, Mine Wastes, Mining Industry, Soil Amendments, Toxic Minerals, Zinc, ...3.0043

Spray Devices

FUEL INJECTION SYSTEM ANALYSIS - DIESEL SMOKE REDUCTION ...Diesel, Engines, Fuel Induction Devices, Smoke - see Air Pollution, ...1.0583

SPRAY SYSTEM FOR DAILY REMOVAL OF LIQUID COW MANURE ...Agricultural Studies -general, Farm Animal Wastes, Microorganisms -nonspecific, Sprinkler Irrigation, Waste Disposal on Soils, ...3.0099

DRIFT CONTROL OF PESTICIDES ...Aerosols - Smokes, Fogs, Steam, Liquids Or Sprays, Pesticide Application Equip., Pesticides -nonspecific, ...4.0063

Springs

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN NEW HAMPSHIRE ...Cooperative Studies, Mans Pollutional Activities, Permeability, Soil Permeability, Water Pollutants - Path of, ...2.0184

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Baseflow, Fresh Water, Groundwater Basins, Permian Period, Saline Water Intrusion, Seepage (water), Tectonics, Water Pollution Sources, ...2.0376

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS ...Amphibious Plants, Biological Water Properties, Mineralogical Water Properties, Pesticides -nonspecific, Plant Freshwater Ecology, Radioisotopes, Washington, ...2.0414

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff, Chemical Water Properties, Erosion, Fluorine, Groundwater Movement, Hydrogen, Iodine, Physical Water Properties, Rainfall - Runoff Relationship, Subsurface Runoff, Water Pollutant Identification, Weathering - geologic, ...2.0566

GEOCHEMISTRY OF WATERS OF THE HOG CREEK BASIN - HAMILTON, CORYELL, AND BOSQUE COUNTIES, TEXAS ...Agricultural Runoff, Animal Pollutant Sources, Chemical Water Properties, Geology -general, Plant Pollutants, Soil Fertility, Texas, ...2.0476

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration, Benefit-cost Analysis, Biological Water Properties, Dredging, Fish Food Organisms, Physical Water Properties, Ponds, Reservoirs and Impoundments, Soil Tillage, Spawning & Nesting Sites, Wisconsin, ...2.1778

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption), Aquatic Ecology - Animal, Cesium, Contamination - Water, Cyprinidae, Energy Budgets, Plant Ecology -nonspecific, Radioactive Fallout, Reactor Sites & Rad Waste, Strontium, ...5.0038

Statistics

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution, Circulation - Patterns, Forecasting - Prediction, Mesometeorology, Prediction, Urban Environment, Weather Modification, ...1.0022

PRODUCTION AND DISPERSAL OF PATHOGENIC BACTERIAL AND VIRAL AEROSOLS BY AERATION OF CONTAMINATED WATERS ...Aeration (water), Aerosols, Bacteriophage, Farm Animal Wastes, Waste Water Treatment - general, Water Pollution -see Specifics, ...1.0042

UPDATE NAPCA DATA FILE OF NATION-WIDE EMISSIONS ...Air Pollution-chemistry, Combustion, Fluorine, Lead, Nitrogen and Nitrogen Cpds., Particulates - Air Pollution, Refuse Dumps, ...1.0098

EVALUATION OF CONTRIBUTIONS OF VEHICULAR EXHAUST AND OTHER SOURCES TO ATMOSPHERIC LOADINGS OF POLLUTANTS IN THE N.Y.C. - N.J. AREA ...Air Pollution Sampling, Atmospheric Dynamics, Combustion, New Jersey, Nitrogen and Nitrogen Cpds., Urban Research - general, ...1.0099

COMPLETE THE ENGLAND SMOKESHADE - U.S. PARTICULATE COMPARISON STUDY ...Air Pollution -see Specifics, British Isles, Mathematical Analysis, Particulates - Air Pollution, ...1.0101

EXPLORING STATISTICAL RELATIONSHIPS BETWEEN AIR POLLUTANTS AND CERTAIN CHRONIC DISEASE MORTALITY RATES ...Air Pollution, Air Pollution -see Specifics, ...1.0289

ENGINEERING COMPUTATION AND FORECASTING ...Air Pollution, Air Pollution Monitoring, Information Systems, Mathematical Analysis, ...1.0459

INFORMATION AND RESEARCH EXCHANGE BETWEEN SCIENTISTS ...Air Pollution, Air Pollution -see Specifics, ...1.0506

PUBLISH NATIONWIDE EVALUATION OF AEROMETRIC DATA ON A REGIONAL BASIS FOR SPECIFIC POLLUTANTS ...Air Pollution-chemistry, Data & Statistics Info Storage, Particulates - Air Pollution, ...1.0611

PREPARE AND PUBLISH ANALYTICAL REPORTS ON AEROMETRIC DATA ...Air Pollution Sampling, Cybernetics, Data Reduction and Analysis, Sampling, ...1.0748

EMISSION INVENTORIES OF FEDERAL FACILITIES IN AQCR'S ...Air Pollution-chemistry, Combustion, Data Reduction and Analysis, Exhaust, Combustion -see Auto, Furnaces, Nitrogen and Nitrogen Cpds., Smoke -see Air Pollution, ...1.0768

DYNAMICS OF ALGAE POPULATIONS IN FARM FISH PONDS ...Algae - Cyanophyta, Algal Pollutant Sources, Farm Pond, Lower Plants, Phytoplankton, Seasonal Distribution, Taxonomy - plant, ...2.0001

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity, Atomic Plants, Contamination - Water, Estuaries, Fish, Iron, Marine Animals, Pollution Effects -see Water, Radioactive Fallout-cf Fallout, Zinc, ...2.0283

URBANIZATION AND ITS EFFECT ON STREAM TEMPERATURE ...Heat Balance - Budget, Mans Pollutional Activities, Radiation Instruments -atmos., Thermal Pollution, Urban Research -general, ...2.0407

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algae -nonspecific, Algal Physiology, Environmental Influences, Eutrophication, Lake Stages, Physical Control, Stratification (water), Washington, Water Supply Augmentation, ...2.0429

AQUATIC-BIOTIC COMMUNITY STRUCTURE AS AN INDICATOR OF POLLUTION ...Acidity (water), Benthic Fauna, Invertebrates -nonspecific, Pollution Effects -see Water, Species Diversity Measurement, Strip Mines, ...2.0469

A PROPOSAL TO DEVELOP A PLAN FOR THE CONSTRUCTION AND TESTING OF WATER POLLUTION FORECASTING MODELS ...Forecasting - Prediction, Mathematical Models, Water Costs, Water Quality Control -general, Water Supply - general, ...2.0660

DEVELOPMENT OF PROVISIONAL ALGAL ASSAY PROCEDURE ...Algae -nonspecific, Algal Physiology, Bioindicators, Nitrogen and Nitrogen Cpds., Nutrients, Phosphorus and Phosphorus Cpds, Water Pollutant Identification, ...2.0707

EFFECTS OF INDUSTRIAL EFFLUENTS ON PRIMARY PHYTOPLANKTON INDICATORS ...Diatoms (see Also Algae), Effluents - Waste Water, Ionic Effect, Phytoplankton, Tracers, ...2.0802

ARTIFICIAL SUBSTRATE SAMPLERS AS INDICATORS OF WATER QUALITY ...Bioindicators, Bottom Sampling, Circulation (water), Currents (water), Periphyton, Water Pollutant Identification, ...2.0860

ECOLOGY OF SPHAEROTILUS IN ACTIVATED SLUDGE ...Activated Sludge, Cellular Physiology, Env. Eff., Chemical Analysis - general, Process Design, Sphaerotilus, Thickening, ...2.1005

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific, Algal Physiology, Ecological Effects, Effluents - Waste Water, Forecasting - Prediction, Management, Nutrients, Sewage Treatment Plant, Water Pollutant Identification, ...2.1646

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water), Animal Productivity, Eutrophic Lakes, Model Studies, Nutrients, Physical Water Properties, Primary Productivity - Plants, Washington, Water Purification, ...2.1768

DATA COLLECTION ECONOMICS FOR WATER POLLUTION CONTROL STUDIES ...Data Acquisition, Economic Efficiency, Northeast U. S., Water Quality Control -general, ...2.1845

SOCIAL ECONOMIC FACTORS IN THE ADOPTION BY INDUSTRY OF WATER POLLUTION CONTROL MEASURES ...Attitudes & Attitude Change; Data Reduction and Analysis; Industry; Minnesota; Social Aspects; Social Change; Water Quality Control -general; ...2.1857

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Consumption; Economic Projections- Forecast; Forecasting - Prediction; Water Costs; Water Resources Planning; Water Transfer, ...2.1874

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; Lakes; North Carolina; Soil Cover Crops; Surveying; Urban Research -general; Water Quality -general; Water Yield; Weather Data; ...2.1892

CONSULTING IN APPLIED MATHEMATICS AND STATISTICS ...Cnemical Carcinogeneris; Consultants, Advisory Services; Epidemiology; Mathematical Models; Pesticide Toxicity in Humans; ...4.0647

THE RELATIONSHIP BETWEEN THE USE OF AGRICULTURAL CHLORINATED HYDROCARBONS AND THEIR RESIDUES IN CHANNEL CATFISH ...Chemical Analysis; DDT; Fish; Land Use; Pesticides -see Pesticide; River Basins; ...4.0754

THEORY OF AGING, MORTALITY AND RADIATION INJURY ...Injury -animal; Lethal Mutation; Mammals -nonspecific; Radiation Effects - Biological; Radiation Sensitivity -man; Simulation Theory; X and Gamma Rays; ...5.0286

HUMAN BODY INTERACTION TO RF ENVIRONMENTS ...Data Reduction and Analysis; Electromagnetic Field; Interaction With Matter; Microwave and Radiofrequency; Occupational Hazards; ...5.0730

Analysis of Variance

EFFECTS OF LIMNOLOGICAL FACTORS ON UPTAKE OF 137CS BY FISH ...Acidity (water); Aquatic Ecology - Animal; Chemical Analysis (water); Lakes; Organic Water Properties; Regression Analysis; ...2.1593

Cluster Analysis

THE RELATION OF ESTUARINE ALGAE TO WATER QUALITY ...Algae -nonspecific; Aquatic Distribution; Estuaries; North Carolina; Plankton Sampling; Range Or Territorial Distr.; ...2.0709

Confidence Intervals

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Digital Computer Applications; Hudson River; Monte Carlo Methods; Optimization Technique; River Basins; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

Correlation

ANALYZE THE CYCLICAL VARIATION OF AIR QUALITY ...Air Pollution-chemistry; Particulates - Air Pollution; Time Series Analysis; ...1.0788

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Bioassays; Coliforms -nonspecific; Data Reduction and Analysis; Microorganisms -nonspecific; New Mexico; Rumen Bacteria; Water Pollution -see Specifics; Water Quality -general; Water Utilization -domestic; ...2.0684

INTERRELATIONSHIP OF METEOROLOGICAL FACTORS AND THERMAL PLUMES ...Forecasting - Prediction; Meteorological Studies; Random Variables; Sensitivity Problems; Thermal Pollution; ...2.0804

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Computer Models; Cybernetics; Development of Models; Land Use; River Basins; Urban Environment; Urban Research -general; Watersheds; ...2.0822

COMPUTE SIMULATION OF DIFFUSION STUDIES ...Computer Models; Differential Equations; Fluid Mechanics; Mathematical Analysis; Monte Carlo Methods; Water Quality -general; ...2.1066

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate, Dose Fractionation; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies - general; Water Pollution Sources; ...5.0881

Decision Theory

A STUDY OF PUBLIC ATTITUDES AND MULTIPLE OBJECTIVE DECISION CRITERIA FOR WATER POLLUTION CONTROL PROJECTS ...Attitudes & Attitude Change; Management; Markov Chains; Simulation Theory; Water Pollution Abatement; Water Quality -general; Water Resources Planning; ...2.1818

Distributions

Binomial

KINETIC MODELS OF PHOTOREACTIVATION IN BACTERIA ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Metabolism and Biochemistry; Poisson Distributions; Radiation -see Specifics; ...5.0295

Poisson Distributions

KINETIC MODELS OF PHOTOREACTIVATION IN BACTERIA ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Metabolism and Biochemistry; Radiation -see Specifics; ...5.0295

Factor Analysis

CRITERIA FOR DETERMINING ECONOMIC PRIORITIES IN AWARDING SEWAGE FACILITY CONSTRUCTION GRANTS ...Economic Efficiency; Pennsylvania; Waste Treatment Economics; Welfare Economics; ...2.1908

Hypotheses Testing

WATER QUALITY CRITERIA FOR SELECTED RECREATION USES ...Attitudes & Attitude Change; Multivariate Analysis; Recreation, Water Resources; Social Aspects; Survey Studies (water); Water Pollutant Identification; Water Quality -general; ...2.1827

Latin Squares

URBANIZATION AND ITS EFFECT ON STREAM TEMPERATURE ...Heat Balance - Budget; Mans Pollutional Activities; Radiation Instruments -atmos.; Thermal Pollution; Urban Research -general; ...2.0407

Monte Carlo Methods

ABSORBED DOSE DUE TO INTERNAL RADIATION EMITTERS ...Mammals -nonspecific; Radioisotopes -nonspecific; ...5.0856

Multivariate Analysis

WATER QUALITY CRITERIA FOR SELECTED RECREATION USES ...Attitudes & Attitude Change; Recreation, Water Resources; Social Aspects; Survey Studies (water); Water Pollutant Identification; Water Quality -general; ...2.1827

Parametric Statistics

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Aerosols; Air Pollution Effects; Atmospheric Dynamics; Energy-radiation; Heat Balance - Budget; Tectonics; Visibility; ...1.0409

Prediction

HYBRID 14-COMPUTER OPTIMIZATION OF DISTRIBUTED PARAMETER SYSTEMS ...Communication Systems-other; Mathematical Analysis; Rapid Transit; Stochastic Processes; Urban Research -general; ...1.0008

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Model Studies; Nevada; Precipitation Forecasting; Radioactive Fallout; Seismology; Weather Forecasting; ...1.0021

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution; Circulation - Patterns; Forecasting - Prediction; Mesometeorology; Statistics; Urban Environment; Weather Modification; ...1.0022

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Economic Theory; Hydrographs; Mathematical Analysis; Rural Areas; Storm Sewer Quantity; Urban Research -general; ...2.0619

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory, Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality - general; Watersheds; ...2.0646

Regression Analysis

AIR POLLUTION AND PROPERTY VALUES ...Air Pollution -see Specifics; Air Pollution Effects; Land Use; Urban Research - general; ...1.0460

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Small Watersheds; Soil Tillage; ...2.0243

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Bioassays; Coliforms -nonspecific; Data Reduction and Analysis; Microorganisms -nonspecific; New Mexico; Rumen Bacteria; Water Pollution -see Specifics; Water Quality -general; Water Utilization -domestic; ...2.0684

AN ECONOMIC STUDY OF MUNICIPAL SURCHARGES ON INDUSTRIAL WASTES ...Budgeting Analysis; Disposal Wastes; Industry; Social Aspects; Urban Environment; Waste Treatment; ...2.1359

EFFECTS OF LIMNOLOGICAL FACTORS ON UPTAKE OF 137CS BY FISH ...Acidity (water); Analysis of Variance; Aquatic Ecology - Animal; Chemical Analysis (water); Lakes; Organic Water Properties; ...2.1593

WATER QUALITY CRITERIA FOR SELECTED RECREATION USES ...Attitudes & Attitude Change; Multivariate Analysis; Recreation, Water Resources; Social Aspects; Survey Studies (water); Water Pollutant Identification; Water Quality -general; ...2.1827

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; River Basins; Water Costs; Water Rights; Water Utilization -general; ...2.1936

Sampling

TRANSVERSE JET PLUMES ...Air Motion Meters; Energy Conversion; Tracers; Wind Tunnels; ...1.0087

PREPARE AND PUBLISH ANALYTICAL REPORTS ON AEROMETRIC DATA ...Air Pollution Sampling; Cybernetics; Data Reduction and Analysis; Statistics; ...1.0748

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Types of Resources; Urban Research -general; Water Pollution Sources; ...2.0479

GEOSECS - OPERATIONS STAFF ...Data Reduction and Analysis; Man Machine Systems; Ocean Circulation -general; Particle - Gas Transfer; Sea Water Properties; Ships and Cruises; ...2.0503

Time Series Analysis

ANALYZE THE CYCLICAL VARIATION OF AIR QUALITY ...Air Pollution-chemistry; Correlation; Particulates - Air Pollution; ...1.0788

Sterilization

AIR STERILIZATION ...Aerosols - Smokes, Fogs, Steam; Air Purification; Food Contamination; General Sanitation Methods; Microorganism-see Cell. Catab.; Salmonella -nonspecific & -ot.; ...1.0066

EFFECT OF RADIATION ON PROTEO-HORMONES ACTIVITY ...Cellular Biosynthesis; Radiation Effects - Biological; Stressors, Physiological; X and Gamma Rays; ...5.0220

Storm Water

EFFECT OF URBANIZATION ON WATER QUALITY ...Acidity (water); Chlorine; Kansas; Rainfall - Runoff Relationship; Urban Environment; Urban Runoff; Water Quality -general; ...2.0155

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

STRIP-MINING AND WATER QUALITY ...Chemical Analysis (water); Mine Wastes; Ohio; Spoil Banks; Strip Mines; Water Quality -general; ...2.0304

SELECTED URBAN STORM WATER RUNOFF ABSTRACTS ...Catalogs, Tables, Compilations; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0344

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Water Quality -general; ...2.0385

A METHOD FOR ASSESSING THE EXTENT OF POLLUTION FROM STORMWATER RUNOFF FROM AN URBAN AREA ...Benefit-cost Analysis; Sewer Systems; Storm Sewer Quantity: Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0490

A MULTI-PHASIC COMPONENT STUDY TO PREDICT STORM WATER POLLUTION FROM URBAN AREAS ...Benefit-cost Analysis; Forecasting - Prediction; Rainfall - Runoff Relationship; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0531

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Drainage Systems; Flood Control Planning; Floods; Michigan; Rain; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0626

AUTOMATED FORECAST PROCEDURES FOR RIVER QUALITY MANAGEMENT ...Automatic Data Aquisition; Forecasting - Prediction; Mathematical Models; Ohio River; Water Quality - general; ...2.0714

AERATION OF LAGOONS IN RIGOROUS CLIMATE AREAS ...Aeration (water); Pilot Plants; Sewage Lagoons; Urban Environment; Water Pollution Effects; ...2.0869

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

MATHEMATICAL MODEL OF STORM AND SANITARY INTERCEPTOR SYSTEM ...Flow Regulations; Mathematical Models; Mississippi River; Rainfall - Runoff Relationship; Sewer Interceptor Station; Storm Sewe. Quantity; ...2.1048

ESTABLISHING GUIDES FOR COORDINATING URBAN PLANNING AND THE DESIGN, ENGINEERING, AND CONSTRUCTION OF URBAN STORM RUN-OFF SYSTEMS ...Erosion; Floodplains; Rainfall - Runoff Relationship; Urban Environment; Urban Planning; Water Pollution Abatement; Water Resources Planning; ...2.1130

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations; Drainage; Sewage; Urban Planning; Urban Research -general; Water Quality Control - general; Water Supply -general; ...2.1224

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated; Artificial Recharge; Chemical Water Properties; Hawaii; Land Use; Primary Treatment; Urban Runoff; Water Standards & Baselines; ...2.1239

STUDY OF METHODS FOR REDUCING WATER POLLUTION FROM STORM SEWER AND COMBINATION DISCHARGES THROUGH DEFINED PUBLIC WORKS PRACTICES ...Air Pollution; Overflow -see Fluid Mechanics; Pesticides -see Pesticide; Snow and Ice Removal; Urban Environment; Urban Research - general; Water Quality Control -general; ...2.1242

FORAGE CROP IRRIGATION WITH OXIDATION POND EFFLUENT ...Agricultural Runoff; Coliforms -nonspecific; Furrow Irrigation; Mississippi; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sorghum; Water Table; ...2.1316

USE OF POLYMERS TO REDUCE OR ELIMINATE SEWER OVERFLOW IN THE BACHMAN CREEK SEWER ...Electrochemistry; Infiltration; Pipe; Storm Sewer Quantity; ...2.1428

WATER RESERVOIR SYSTEMS ...Atmosphere Disturbance; Flood-flow Design; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Storage; ...2.1786

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1823

BALANCED STORM DRAINAGE ...Drainage; Inlets; Rainfall - Runoff Relationship; Sewer Systems; Storm Sewer Quantity; ...2.1833

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Easements - Right of Ways; Land Use; Pennsylvania;

Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1906

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Chlorination; Combustible Filters; Filters-filtration; Massachusetts; Pumps; Sewage Bacteria; Storm Sewer Quantity; Waste Treatment Economics; ...3.0169

WASTE MANAGEMENT, CONTROL, AND DISPOSAL IN MIDWEST BEEF FEEDLOTS ...Animal Wastes - Feed Lots; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rainfall - Runoff Relationship; Waste Water Treatment -general; ...3.0212

SEPARATION OF SANITARY SEWAGE FROM COMBINED SYSTEMS OF SEWERAGE ...Pipe; Residential Buildings; Sewer Systems; Waste Treatment Economics; ...3.0244

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels, Altitude; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

Stratification (water)

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Eutrophication; Indiana; Lakes; Organic Properties; Synoptic Weather Observations; Temperature - Air; Vertical Distribution; Water Stratification; ...2.0137

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Animal Productivity; Density; Dystrophic Lakes; Nutrients; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Productivity -general; ...2.0195

THE ROLE OF MIXING IN MAINTAINING STRATIFIED FLOW ...Density; Effluents - Waste Water; Model Studies; Outlets; Water Quality Control -general; ...2.0206

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Evaporation; Montana; Oxygen Content (water); Phytoplankton; Productivity of Freshwater; Wyoming; ...2.0233

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Taxonomy -plant; Zooplankton; ...2.0245

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

EUROPHICATION - PHYSICAL ECOLOGICAL CONTROL ...Algae -nonspecific; Chemical Water Properties; Cultural Control; Environmental Influences; Eutrophication; Physical Water Properties; Water Quality Control -general; ...2.0334

POWER PRODUCTION ...Atomic Plants; Chemical Effects; Density; Effluents - Waste Water; Energy Conversion; Mathematical Models; Reservoirs and Impoundments; Thermal Pollution; ...2.0337

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algae -nonspecific; Algal Physiology; Environmental Influences; Eutrophication; Lake Stages; Physical Control; Washington; Water Supply Augmentation; ...2.0429

GEOCHEMICAL BEHAVIOR OF IRON AND MANGANESE IN A RESERVOIR (LAKE LYNN, WEST VIRGINIA) FED BY STREAMS CONTAINING ACID MINE DRAINAGE ...Acid Mine Wastes; Analysis and Detection; Geochemical Analysis (water); Precipitation; Sediments; West Virginia; ...2.0431

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algae - Cyanophyta; Algal Pollutant Sources; Chelation & Complexing; Detergent Builders; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Water Chemistry; Wisconsin; ...2.0441

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection; Chemical Water Properties; Growth; Lakes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Temperature; ...2.0448

TEMPERATURE DISTRIBUTIONS RESULTING FROM COOLING WATER DISCHARGES ...Development of Models; Energy Conversion; Mathematical Models; Power Reservoirs; Streams; Thermal Pollution; ...2.0805

TEMPERATURE INCREASES BELOW DAMS ...Dams -general; Dyes; Fluorometry; Meteorologic Instruments -gen.; Thermal Pollution; ...2.0806

ADVANCE WARNING OF GROUND-WATER POLLUTION HAZARDS, WITH SPECIAL REFERENCE TO AQUIFERS IN GLACIAL OUTWASH ...Aquifers; Geophysical Analysis; Groundwater; Water Pollutant Identification; ...2.0842

HYDROLOGY OF CACHUMA RESERVOIR ...Aeration (water); California; Oxygen Content (water); Plant Population Dynamics -gen; Soil Tillage; Taste & Odor of Water; Water Quality -general; Water Utilization -domestic; ...2.0878

BEHAVIOR AND CONTROL OF CONTAMINANTS IN SURFACE WATERS ...Destratification; Public Utilities; Reservoirs and Impoundments; Thermal Pollution; Water Pollutant Identification; Water Resources Protection; ...2.0928

MIXING PROCESSES IN ESTUARIES ...Dispersion (water); Estuaries; Flume Studies; Forecasting - Prediction; Heat Transmission; Physical Models; Water Pollutants - Path of; ...2.0964

WATER QUALITY CONTROL BY SELECTIVE WITHDRAWAL AND REAERATION ...Aeration (water); Mathematical Models; Reservoirs and Impoundments; Seismology; Turbidity (water); Water Quality -general; ...2.0979

DISSIPATION AND DIFFUSION OF HEAT IN STREAMS AND LAKES ...Energy Conversion; Fluid Mechanics; Heat Flow (water); Lakes; Thermal Pollution; ...2.0993

DISPOSAL OF HEATED WATER THROUGH GROUND WATER SYSTEMS ...Economic Studies -general; Groundwater; Mathematical Models; Physical Models; Thermal Pollution; Water Wells; ...2.1025

REVERSAL OF EUTROPHICATION THROUGH ARTIFICIAL AERATION OF LAKES ...Aeration (water); Benthic Fauna; Eutrophic Lakes; Michigan; Phosphorus and Phosphorus Cpds, Primary Productivity - Plants; Vertical Distribution; ...2.1045

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; ...2.1049

ANALYSIS OF THERMAL POLLUTION DISPERSION ...Aeration (water); Effluents - Waste Water; Model Studies; Water Pollution Effects; ...2.1055

RESEARCH ON PHYSICAL ASPECTS OF THERMAL POLLUTION ...Energy Conversion; Fluid Mechanics; Forecasting - Prediction; Lakes; Mathematical Models; Thermal Pollution; Thermocline; ...2.1063

STUDY OF WATER CURRENTS AND MOVEMENTS IN LAKE ERIE ...Energy Conversion; Lake Erie; Ocean Circulation - general; Ocean Hydrodynamics; Thermal Pollution; Water Pollution Abatement; ...2.1076

ESTUARINE DIFFUSION OF POLLUTANTS ...Bays; Fluid Mechanics; Fresh Water; Oregon; ...2.1085

TEMPERATURE DISTRIBUTION IN THE VICINITY OF WASTE HEAT DISCHARGES ...Electric Power Plants; Energy Conversion; Forecasting - Prediction; High Temp. - 85f Or Above; Mathematical Models; Thermal Pollution; ...2.1096

DISCHARGE OF NEGATIVELY BUOYANT FLUIDS ...Data Networks; Density; Energy Conversion; Fluid Mechanics; Mathematical Models; ...2.1101

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency; Flow Characteristics (water); Industrial Wastes; Model Studies; North Carolina; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Protection; ...2.1104

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth, Water Levels; ...2.1272

RECOVERY FROM ACID POLLUTION IN FOUR STRIP-MINE LAKES ...Acid Mine Drainage; Animal Productivity; Biological Water Properties; Energy Budgets; Lake Stages; Physical Water Properties; Primary Productivity - Plants; Strip Mines; ...2.1617

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants; Filtration; Model Studies; Power Plants - see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire; Recreation, Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

Stratigraphic Studies

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Urban Research -general; ...2.0329

WATER REOURCES OF SOUTHEASTERN WISCONSIN - RACINE AND KENOSHA COUNTIES ...Chemical Water Properties; Groundwater; Hydrographs; Recharge (water); Water Quality -general; Water Table; Water Wells; ...2.0856

PEAT STUDIES ...Environmental Geology; Maryland; Peat; Pennsylvania; Sediment Lithification; West Virginia; ...3.0365

Correlation

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Georgia; Groundwater Movement; Lithology; Natural Recharge; Petrology; Specific Rock Unit; Water Table; ...2.0112

NORTHERN ANTHRACITE FIELD ...Anthracite; Economic Mineral Appraisals; Geologic Maps; Pennsylvanian Period; Structural Analysis - Geology; ...3.0024

Facies

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Georgia; Groundwater Movement; Lithology; Natural Recharge; Petrology; Specific Rock Unit; Water Table; ...2.0112

EFFECTS OF SOUTH SHORE DRAINAGE BASINS AND CLAY EROSION ON THE PHYSICAL AND CHEMICAL LIMNOLOGY OF WESTERN LAKE SUPERIOR. ...Chemical Analysis (water); Clay Soils; Lake Superior; Pleistocene Epoch; Water Quality -general; ...2.0459

Lithology

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Georgia; Groundwater Movement; Natural Recharge; Petrology; Specific Rock Unit; Water Table; ...2.0112

Local Stratigraphy

DRAINAGE OF PENNSYLVANIA ANTHRACITE MINES ...Acid Mine Drainage; Data Acquisition; Mine Hydrology; Structural Analysis - Geology; ...2.0093

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Georgia; Groundwater Movement; Lithology; Natural Recharge; Petrology; Specific Rock Unit; Water Table; ...2.0112

HYDROGEOLOGY OF PUBLIC GROUND WATER SUPPLIES IN PENNSYLVANIA ...Chemical Analysis (water); Groundwater; Management (water); Potomac River; Susquehanna River; Water Yield; ...2.0753

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Illinois; Storm Water; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1823

CENTRAL NEVADA GEOLOGIC INVESTIGATIONS ...Drilling and Coring; Geologic Maps; Geology -general; Maps -general; Nevada; Seismology; Structural Analysis - Geology; ...5.0020

AMCHITKA GEOLOGIC INVESTIGATIONS ...Alaska; Geologic Maps; Marine Geology; Seismology; Structural Analysis - Geology; Tectonics; ...5.0204

Regional Stratigraphy

NORTHERN ANTHRACITE FIELD ...Anthracite; Economic Mineral Appraisals; Geologic Maps; Pennsylvanian Period; Structural Analysis - Geology; ...3.0024

Specific Rock Unit

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Georgia; Groundwater Movement; Lithology; Natural Recharge; Petrology; Water Table; ...2.0112

EVALUATION OF THE MAGOTHY AQUIFER - ANNAPOLIS AREA, MARYLAND ...Aquifers; Drilling and Coring; Management (water); Model Studies; Saline Water Intrusion; Size; Water Resources Development; ...2.0169

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Picloram; Water Conservation -general; Water Table; Water Yield; ...2.0378

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Water Conservation -general; Water Reuse; ...2.0922

PRELIMINARY INVESTIGATION TO EVALUATE DEEP-WELL DISPOSAL POSSIBILITIES IN MOBILE, BALDWIN, AND ESCAMBIA COUNTIES, ALABAMA ...Alabama; Environmental Geology; Permeability; Porosity; Urban Environment; Waste Disposal, Underground; Water Wells; ...2.1147

DEVELOPMENT OF SYSTEMS FOR GROUND WATER RECHARGE INTO THE OGALLALA FORMATION ...Agricultural Runoff; Filtration; Playas; Ponds; Texas; ...2.1430

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

Subsurface

CONSERVATION OF FRESH-WATER RESOURCES BY DEEP-WELL DISPOSAL OF LIQUID WASTES ...Burial; Engineering Geology; Geophysical Analysis; Mathematical Models; Porosity; ...2.1148

Stream Banks

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHERN CALIFORNIA ...Bed Load; Channels; Gully Or Channel Erosion; Sediment Yield; Streams; ...2.0037

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Turbidity (water); Water Temperature Recorders; ...2.0229

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff, Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

ENVIRONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT ...Aquifers; Erosion; Landfills - see Water Pollution; Recharge (water); Septic Tanks; Surficial Geology Studies; Vermont; Water Table; ...2.1437

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Groundwater; Land Use; Percolation (water); Primary Treatment; Secondary Treatment; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1907

Streams

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHERN CALIFORNIA ...Bed Load; Channels; Gully Or Channel Erosion; Sediment Yield; Stream Banks; ...2.0037

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Erosion; Rate of Deposition; Sediment Transport; Sedimentation; Survey Studies (water); ...2.0061

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Water Resources Planning; ...2.0080

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Channel Roughness; Currents (water); Estuaries; Fluid Mechanics; Forecasting - Prediction; Rate of Deposition; Sedimentation; Solid Waste; Turbidity (water); ...2.0101

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Suspension; Watersheds; ...2.0214

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Water Pollution Abatement; ...2.0241

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Bed Load; Conservation -see Soil Conser.; Erosion; Gully Or Channel Erosion; New Mexico; Sediment Yield; Semi - Arid Regions; ...2.0255

DELAWARE ESTUARY SEDIMENTATION STUDY ...Adsorption Capacity; Estuaries; Location; Rate of Deposition; Sand Bars; Sediment Yield; Shoreline Geomorphology; Supply Rate; ...2.0342

TEMPERATURE DISTRIBUTIONS RESULTING FROM COOLING WATER DISCHARGES ...Development of Models; Energy Conversion; Mathematical Models; Power Reservoirs; Thermal Pollution; ...2.0805

HYDRAULIC GEOMETRY AND LOW STREAMFLOW REGIMEN ...Dyes; Illinois; River Basins; Water Purification; ...2.1012

RESEARCH INITIATION - MIXING AND TRANSFER PROCESSES FOR HEATED EFFLUENTS IN OPEN CHANNEL FLOW ...Channels; Energy Conversion; Flow Characteristics (water); Flume Studies; Heat Flow (water); Physical Models; Thermal Pollution; ...2.1019

DISPERSION OF WATER POLLUTANTS IN CURVILINEAR FLOWS ...Channels; Dispersion (water); Physical Models; Urban Research -general; Water Pollutants - Path of; ...2.1021

THE DIFFUSION COEFFICIENT IN OPEN CHANNEL FLOW ...Channel Geometry; Dispersion (water); Fluid Mechanics; Flume Studies; Mathematical Models; Sedimentation; ...2.1028

STREAM REAERATION ...Aeration (water); Flow Characteristics (water); Nutrients; Organic Matter; Physiological Effects; Southwest U. S.; ...2.1080

DIFFUSION OF THERMALLY BUOYANT WATER JETS INTO A MOVING WATER STREAM ...Density; Diffusion; Fluid Mechanics; Thermal Pollution; Water Temperature Recorders; ...2.1093

CRITERIA FOR WASTE-DISPOSAL SITES IN THE KANSAS RIVER VALLEY ...Alluvium - Alluvial; Chemical Analysis (water); Kansas; Scouring; Waste Disposal-see Solid Waste; Water Depth; Water Levels; Water Table; ...2.1273

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology; Geological Exploration; Lead; Massachusetts; Rocks - Bedrock; Surveying; Waste Disposal-see Solid Waste; ...3.0162

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels, Altitude; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; ...6.0041

Stress -behavioral Aspects

NEUROLOGICAL VARIABLES AFFECTING ULCERATION RATE ...Auditory Stress; Digestive System - Human; Muridae; Stressors, Physiological; ...6.0118

Altitude & Acceleration

MOTOR PERFORMANCE UNDER SUDDEN STRESS - PHASE II ...Auditory Stress; Performance - Behavioral Study; Personality; Pilots; Psychology; ...6.0105

Auditory Stress

BEHAVORIAL EFFECTS OF LOW INTENSITY UHF RADIATION ...Electromagnetic Field; Microwave and Radiofrequency; Muridae; Psychology; Radiation, Low Level; ...5.0093

WHOLE-BODY EFFECTS OF AIR FORCE NOISE ON PEOPLE ...Auditory Physiology; Aviation Medicine; Infra Red; Noise; Performance - Behavioral Study; Sensory & Perceptual Processes; Ultrasonic -bioeffects; ...6.0010

ENVIRONMENTAL INFLUENCES ON BEHAVIOR ...Crowding; Noise; Personality; Social Pressures; Social Psychology; Urban Environment; ...6.0061

PHYSIOLOGICAL AND PSYCHOLOGICAL ADJUSTMENT TO NOISE ...Noise; Personality; Psychology; Sensory & Perceptual Processes; ...6.0069

NOISE INDUCED DEAFNESS - MASKING AND SPEECH PERCEPTION ...Auditory Physiology; Hearing Loss and Deafness; Learning and Retention; Noise; Occupational Hazards; Psychology; Sensory & Perceptual Processes; ...6.0070

BEHAVIORAL TOXICITY OF NOISE IN IMMATURE MICE ...Hearing Loss and Deafness; Noise; Psychology; Vibrations, - bioeffects; ...6.0080

THE DETERMINATION OF SUSCEPTIBILITY TO HEARING LOSS ...Auditory Physiology; Hearing Loss and Deafness; Learning and Retention; Psychology; Rodentia -other; ...6.0090

THE EFFECTS OF AGE, FOOD DEPRIVATION, AND WHITE NOISE ON READINESS TO EAT AND EXPLORATORY TENDENCIES IN RATS ...Learning and Retention; Motivation and Instinct; Muridae; ...6.0092

PSYCHOLOGICAL AND PHYSIOLOGICAL ADAPTATION TO SIMULATED SONIC BOOMS - PHASE I ...Fatigue; Noise; Performance - Behavioral Study; Stressors, Physiological; ...6.0104

MOTOR PERFORMANCE UNDER SUDDEN STRESS - PHASE II ...Altitude & Acceleration; Performance - Behavioral Study; Personality; Pilots; Psychology; ...6.0105

THE CLIMATE LABORATORY IN LUND (1967) ...Building Construction; Noise; Stressors, Physiological; Temperature & Humidity Effects; ...6.0109

THE EFFECTS OF NOISE ON BEHAVIOR ...Muridae; Noise; Psychology; Sensory & Perceptual Processes; ...6.0111

NEUROLOGICAL VARIABLES AFFECTING ULCERATION RATE ...Digestive System - Human; Muridae; Stress -behavioral Aspects; Stressors, Physiological; ...6.0118

Crowding

ENVIRONMENTAL INFLUENCES ON BEHAVIOR ...Auditory Stress; Noise; Personality; Social Pressures; Social Psychology; Urban Environment; ...6.0061

Isolation, Social & Perceptual

RESEARCH PROGRAM IN DEVELOPMENTAL NEUROPSYCHOLOGY ...Exercise ; Healing; Motivation and Instinct; Primates -nonspecific; Psychology; Radiation Effects - Biological; ...5.0321

Pain

BEHAVIORAL AND NEURAL EFFECTS OF RADIATIONS AND TOXINS ...Burns; Digestive System - Human; Mammals -nonspecific; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; ...5.0512

Psychological Response

HEARING AND VOCAL OUTPUT ...Auditory Physiology; Muridae; Noise; Sensory & Perceptual Processes; Sonic Spectrograph; Sound Production; ...6.0084

Sleep Deprivation, Fatigue

PERFORMANCE, RECOVERY, AND MAN-MACHINE EFFECTIVENESS ...Fatigue; Military Personnel; Performance - Behavioral Study; Stressors, Physiological; Systems Research; Temperature & Humidity Effects; Vibrations, -bioeffects; ...1.0298

Social Pressures

ENVIRONMENTAL INFLUENCES ON BEHAVIOR ...Auditory Stress; Crowding; Noise; Personality; Social Psychology; Urban Environment; ...6.0061

Temperature Stress

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bullheads; Ecological Effects; Environmental Physiology; Marine Animals; Osteichthyes -other; Population Dynamics -general; ...2.1498

FISH BEHAVIOR AND PHYSIOLOGY ...Animal Migration; Behavior -vertebrate; Engineering Structures-general; Environmental Physiology; Fish & Shellfish Biology; Motivation and Instinct; Pollution Effects -see Water; Sensory & Perceptual Processes; Thermal Pollution; ...2.1761

THE CLIMATE LABORATORY IN LUND (1967) ...Auditory Stress; Building Construction; Noise; Stressors, Physiological; Temperature & Humidity Effects; ...6.0109

EVALUATION OF CLIMATE ...Air Pollution Analysis; Building Acoustics -see Noise; Building Construction; Building Design; Humidity - Water Vapor; Sweden; Temperature; ...6.0110

Stressors, Physiological

CONTINUE COLLECTION OF DATA ON THE EFFECT OF CHRONIC EXPOSURE OF BEAGLE DOGS TO SULFUR OXIDES AND PARTICULATE AIR POLLUTION ...Air Pollution - see Specifics; Canidae; Exercise; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0257

PERFORMANCE, RECOVERY, AND MAN-MACHINE EFFECTIVENESS ...Fatigue; Military Personnel; Performance - Behavioral Study; Sleep Deprivation, Fatigue; Systems Research; Temperature & Humidity Effects; Vibrations, -bioeffects; ...1.0298

PHYSIOLOGICAL CONSEQUENCES OF LONG-TERM EXPOSURE TO LOW LEVELS OF TOXICANTS ...DDT; Dieldrin; Environmental Effects - Human; Laboratory Animals; Muridae; Pesticide Formulation; Toxicology; ...4.0559

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Air Pollution -see Specifics; Food Contamination; Pesticide Toxicity in Humans; Physiological Effects; Radiation, Low Level; Residues in Foods; Toxicology; Water Pollution -see Specifics; ...4.0658

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - ANALYSIS OF EEG CHANGES INDUCED BY CHRONIC ENDRIN ADMINISTRATION ...Ceboidea; Endrin; Laboratory Animals; Metabolism & Metab. Diseases; Pesticide Action on Animals; Toxicology; ...4.0816

RADIATION INJURY ASSOCIATED WITH HIGH ALTITUDE FLIGHTS AND SPACE OPERATIONS ...Altitude; Beta Particles; Injury and Shock; Mammals -nonspecific; Protons; Radiation Effects - Biological; Radiologic Health; X and Gamma Rays; ...5.0079

GERONTOLOGIC CHANGES IN BEAGLES ...Aging; Antioxidants -nonspecific; Canidae; Potassium; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature - Human Body; ...5.0130

AGING OF BIOLOGICAL SYSTEMS IN SPACE MISSIONS ...Aging; Aldehydes -nonspecific; Carbon; Muridae; Radiation Effects - Biological; Ultra Violet Radiation; X and Gamma Rays; ...5.0184

CATECHOLAMINE METABOLISM FOLLOWING X-IRRADIATION OF MAMMALS ...Injury and Shock; Muridae; Radiation Effects - Biological; Radiation Injury Prevention; Radiation, Whole Body; Urine; ...5.0214

EFFECT OF RADIATION ON PROTEO-HORMONES ACTIVITY ...Cellular Biosynthesis; Radiation Effects - Biological; Sterilization; X and Gamma Rays; ...5.0220

HISTOPATHOLOGIC, SERUM ENZYME AND OTHER CHANGES PRODUCED IN ANIMALS BY VARIOUS ENVIRONMENTAL AND OTHER STRESSES ...Bacteria -nonspecific; Exercise; Mammals -nonspecific; X and Gamma Rays; ...5.0359

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology; Fish; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

THE EFFECT OF THE INHALATION OF RADIONUCLIDES IN 'INSOLUBLE' FORMS ON THE FATE OF INHALED BACTERIA IN MICE ...Aerosols; Bacterial Population Surveys; Microorganisms; Proteus -nonspecific; Staphylococcus Aureus; Yttrium; ...5.0439

EFFECT OF WHOLE BODY X- AND GAMMA-IRRADIATION ON THE BIOSYNTHESIS OF CERTAIN SERUM PROTEINS ...Cell Membrane Permeability; Cellular Metabolism - Controls; Permeability; Radiation, Lethal Dose; X and Gamma Rays; ...5.0606

RADIATION EFFECTS ON CREW-TYPE MULTIPLE TASKS ...Environmental Effects - Human; Nuclear Warfare; Primates - nonspecific; Radiation Effects - Biological; X and Gamma Rays; ...5.0699

DEATH FROM AGING, CANCER, IRRADIATION, AND OTHER STRESSES ...Aging; Canidae; Injury and Shock; Radiation Effects - Biological; ...5.0725

PREDICTION OF AIRCREW PERFORMANCE BY PSYCHOPHYSIOLOGICAL MONITORING ...Performance - Behavioral Study; Primates -nonspecific; Psychology; Radiation Effects - Biological; ...5.0948

WHOLE-BODY EFFECTS OF AIR FORCE NOISE ON PEOPLE ...Auditory Physiology; Aviation Medicine; Infra Red; Noise; Performance - Behavioral Study; Sensory & Perceptual Processes; Ultrasonic -bioeffects; ...6.0010

OPTIMIZATION OF SPEECH COMMUNICATIONS IN NAVAL AVIATION ...Aviation Medicine; Military Personnel; Noise; Pilots; ...6.0079

RESEARCH ON PERMANENT AND TEMPORARY SHIFTS IN HEARING THRESHOLD PRODUCED BY EXPOSURE TO AIR FORCE NOISE ...Auditory Physiology; Hearing Loss and Deafness; Noise; ...6.0101

PSYCHOLOGICAL AND PHYSIOLOGICAL ADAPTATION TO SIMULATED SONIC BOOMS - PHASE I ...Auditory Stress; Fatigue; Noise; Performance - Behavioral Study; ...6.0104

BIOCHEMICAL CORRELATES IN ENVIRONMENTAL STRESS ...Acceleration Effects - Human; Ceboidea; Cellular Biosynthesis; Environmental Effects - Human; Muridae; Noise; Radiation -see Specifics; ...6.0108

THE CLIMATE LABORATORY IN LUND (1967) ...Auditory Stress; Building Construction; Noise; Temperature & Humidity Effects; ...6.0109

NEUROLOGICAL VARIABLES AFFECTING ULCERATION RATE ...Auditory Stress; Digestive System - Human; Muridae; Stress -behavioral Aspects; ...6.0118

Structural Analysis - Geology

DRAINAGE OF PENNSYLVANIA ANTHRACITE MINES ...Acid Mine Drainage; Data Acquisition; Local Stratigraphy; Mine Hydrology; ...2.0093

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Geochemical Analysis (water); Idaho; Quaternary Period; Tertiary Period; Water Cycle; Water Pollution Sources; Water Storage; ...2.1240

NORTHERN ANTHRACITE FIELD ...Anthracite; Economic Mineral Appraisals; Geologic Maps; Pennsylvanian Period; ...3.0024

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology; Geological Exploration; Lead; Massachusetts; Rocks - Bedrock; Streams; Surveying; Waste Disposal-see Solid Waste; ...3.0162

CENTRAL NEVADA GEOLOGIC INVESTIGATIONS ...Drilling and Coring; Geologic Maps; Geology -general; Local Stratigraphy; Maps -general; Nevada; Seismology; ...5.0020

AMCHITKA GEOLOGIC INVESTIGATIONS ...Alaska; Geologic Maps; Marine Geology; Seismology; Tectonics; ...5.0204

Structural Mechanics

EFFECT OF DIESEL FUMES ON CONCRETE ...Air Pollution; Automotive Application; Ceramics; Corrosion, Deterioration; Engines; Materials -properties; ...1.0425

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure - other; Water Reuse; ...2.0031

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Currents (water); Engineering Structures-general; Mapping; Shoreline Geomorphology; Surveying; Utah; Waves -see Ocean Waves; ...2.1738

CONCRETE BASE FOR RAILWAY TRACKS ...Engineering Mechanics; Mathematical Models; Noise; Pavement; Railroads - see Transportation; Tunnels; ...6.0043

IMPORTANCE OF NOISE AND ITS POTENTIAL EFFECT ON WOOD USE IN GARDEN APARTMENTS ...Building Acoustics - see Noise; Building Construction; Construction Materials; Farm Structures & Design; Home Economics; Noise; Residential Buildings; ...6.0057

BARRIERS FOR NOISE ATTENUATION ...Building Acoustics -see Noise; Manufacturing Buildings; ...6.0062

SPECIALIZED ENGINEERING RESEARCH EQUIPMENT - ACOUSTIC NOISE STUDIES ...Building Acoustics -see Noise; Noise; Railroads -see Transportation; ...6.0113

SONIC BOOM EFFECTS ...Building Acoustics -see Noise; Engineering Mechanics; Noise; Noise Abatement; ...6.0117

Structure Sites

ENGINEERING GEOLOGY RECONNAISSANCE STUDIES OF COASTAL COMMUNITIES, ALASKA ...Alaska; Environmental Hazards; Harbors; Marine Geology; Mass Wasting, Geological; Seismology; Tectonics; Waves -see Ocean Waves; ...2.0065

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology; Floods; Geologic Maps; Land Use; Mass Wasting, Geological; Sands & Gravels; Urban Environment; Urban Research -general; ...2.0066

REACTOR SITE INVESTIGATIONS ...Foundations; Geology - general; Nuclear Power; Nuclear Reactors; Power Plants -see Specifics; Seismology; ...5.0029

Stubble Mulching

SOIL PRODUCTIVITY AS AFFECTED BY MICROBIAL ACTIVITY IN CROP RESIDUES AND ANIMAL WASTES ...Bioindicators; Patulin; Plant Residues, Humus, Compost; Soil Chemical Properties; Soil Microbiology; Soil Temp. -non-specific; Triticum; ...3.0389

Sub - Humid Climates

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...3.0241

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Ves-438; ...4.0069

Sub - Polar Regions

TOTAL ORGANIC CARBON AS A POLLUTION CONTROL PARAMETER IN SUB-ARCTIC WATERS ...Alaska; Chemical Oxygen Demand; Organic Matter; Polar Regions; Water Pollutant Identification; ...2.0007

DYNAMICS OF THE NITROGEN CYCLE IN LAKES ...Algal Physiology; Analysis and Detection; Denitrification -see Nitrogen; Eutrophication; Hydrogen; Nitrogen and Nitrogen Cpds.; Nitrogen Cycle -see Denitrif.; Plant Productivity -general; ...2.0009

DOMESTIC WASTE DISCHARGE INTO A SILT LADEN ESTUARY ...Alaska; Chemical Water Properties; Data Reduction and Analysis; Forecasting - Prediction; Silting (water) -see Sediment; Water Pollution Sources; ...2.0012

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Animal Productivity; Aquatic Plants -nonspecific; Glaciology; Mineralogical Water Properties; Nutrients; Plant Productivity -general; Wild Rivers; ...2.0472

STUDY OF ASSIMILATIVE CAPACITY OF ARCTIC AND SUB-ARCTIC STREAMS ...Animal Habitat Studies; Degradation -see Pesticide Deg; Optical Properties of Water; Plant Habitat Studies; Water Pollution Effects; ...2.0959

EVALUATION OF AN OXIDATION-DITCH WASTEWATER TREATMENT PLANT IN SUB-ARCTIC ALASKA ...Alaska; Biological Treatment-general; Mathematical Models; Meteorological Extremes; Oxygen; Pond; Waste Treatment Economics; ...2.1150

RADIOACTIVITY, PESTICIDE RESIDUES CONTENTS AND CONSTITUTION OF MILKS OF ARCTIC AND SUB-ARCTIC SPECIES ...Alces; Canada; Canidae; Cesium; Column Chromatography; Food Contamination; Ovis; Pesticide Residues in Feeds; Polar Regions; Radiologic Health; Residues in Foods; ...4.1008

RADIOACTIVE FOOD-CHAINS IN THE SUBARCTIC ENVIRONMENT ...Animal Predation; Canidae; Cervus; Environmental Effects - Human; Finland; Iron; Lead; Plant Food Chains; Radiation, Whole Body; Radiologic Health; Strontium; ...5.0030

Sub - Tropic Regions

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Tillage, Cropping Systems; Water Quality -general; ...2.0098

EUTROPHICATION FACTORS IN NORTH CENTRAL FLORIDA LAKES ...Eutrophic Lakes; Eutrophication; Florida; Mathematical Models; Nutrients; Systems Analysis - Water Mgmt; ...2.0103

SYNERGISTIC EFFECTS OF SUB-LETHAL POLLUTION ON THE DEVELOPMENT OF SELECTED WARM-TEMPERATE AND SUB-TROPICAL FISHES AND CRUSTACEANS ...Captive Rearing; Contamination - Water; Fish; Salinity (water); Temperature (water); ...2.1524

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Eutrophication; Florida; Lagoons; Pipe; Sanitary Sewage Quantity; Sewage - Domestic; Water Pollution Abatement; ...3.0109

LIFE CYCLE, PHYSIOLOGY AND CONTROL OF PERENNIAL WEEDS AFFECTING SUBTROPICAL FRUIT CROPS ...Alachlor; Cynodon; Cyperaceae; Lactuca; Pesticide Action on Plants; Pesticide Evaluation; ...4.0236

FUMIGANTS AND DIPS FOR CONTROL OF INSECTS ...Azodrin; Disulfoton; Granules, Capsules; Nemacur P; Pesticide Evaluation; Pesticides -other; Supracide; Zinophos; ...4.0264

PESTICIDE RESIDUES AND METABOLITES ...Arachis; Gas Chromatography; Pesticide in Food Chains; Pesticide Residue Analysis; Pesticide Tolerance Rate; Sevin; ...4.0942

INVESTIGATION OF THE UNUSUAL BEHAVIOR OF CESIUM-137 AND OTHER RADIONUCLIDES IN THE FLORIDA ENVIRONMENT ...Air - Water - Plant Relations; Cesium; Environmental Ecology; Food Contamination; Pollution Effects -see Water; Radioactive Contamination; Radiologic Health; Soil Chemical Properties; ...5.0031

Submarine & Diving Medicine

EFFECTS OF DENTAL AEROSOLS ON OPERATORY AND SUBMARINE ENVIRONMENTS ...Aerosols; Air Pollution -see Specifics; Bacterial Toxins -nonspecific; Environmental Effects - Human; Military Personnel; Oral Bacteria; ...1.0190

EFFECT OF EXPOSURE TO THE TOTAL SUBMARINE ATMOSPHERIC ENVIRONMENT ON PHYSIOLOGICAL FUNCTIONS ...Aerosols; Air Pollution -see Specifics; Carbon Monoxide; Environmental Effects - Human; Military Personnel; Respiratory Irritants, Inhaled; Toxicology; ...1.0191

HUMAN ADAPTATION OF CARDIO-PULMONARY FUNCTION TO HYPOBARIC, AQUATIC AND INDUSTRIAL ENVIRONMENTS ...Air Pollution -see Specifics; Anoxia and Hypoxia; Environmental Effects - Human; Metabolism & Metab. Diseases; Pressure; Temperature & Humidity Effects; ...1.0305

TOXIC MATERIALS IN NUCLEAR SUBMARINES ...Air Pollution -see Specifics; Air Pollution-chemistry; Degradation; Marine Materials; Toxic Substances; Toxicology; ...1.0888

DEVELOP ELECTROMAGNETIC HAZARD METER ...Electromagnetic Field; Instrument Services; Instrumentation; Microwave and Radiofrequency; Microwave Engineering; Military Personnel; ...5.0799

DEVELOPMENT OF DAMAGE RISK CRITERIA AND HABITABILITY STANDARDS FOR EXPOSURE TO SONAR TRANSMISSIONS ...Auditory Physiology; Noise; Signal Analysis; Sound Attenuation Acoustics; ...6.0075

Suburban Areas

CHANGING VEGETATION AND ATMOSPHERIC POLLEN ...Air Pollution -see Specifics; Economics of Natural Resources; Lakes; Plant Competition; Pollen -see Pollen; Rural Areas; Urban Environment; Wind -see Air Motion; ...1.0076

ENVIRONMENT AND HUMAN RESPONSE ...Air Pollution -see Specifics; Economics of Natural Resources; Recreation, Water Resources; Regional Economics; Rural Sociology; Urban Planning; ...1.0495

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Suspension; Urban Runoff; Water Reuse; Watersheds; ...2.0019

A MULTI-PHASIC COMPONENT STUDY TO PREDICT STORM WATER POLLUTION FROM URBAN AREAS ...Benefit-cost Analysis; Forecasting - Prediction; Rainfall - Runoff Relationship; Storm Water; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0531

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

URBAN WATER POLICY AS AN INPUT IN URBAN GROWTH POLICY ...Government -see Federal Gov.; Land Use; Sewer Systems; Survey Studies (water); Urban Planning; Water Resources Planning; ...2.1916

CLAY-WATER SYSTEMS IN RELATION TO ENGINEERING PROPERTIES OF CLAY MATERIALS ...Clay Soils; Infiltration; Mass Wasting, Geological; Septic Tanks; Size; Urban Research - general; ...3.0050

DAIRY CATTLE MANAGEMENT IN URBAN PROXIMITY ...Bacteria -nonspecific; Farm Animal Wastes; Product Development Research; Urine; ...3.0364

Sugar Refining Wastes

CONCENTRATION OF SUGAR BEET WASTES FOR ECONOMIC TREATMENT WITH BIOLOGICAL SYSTEMS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Effluent-standards; Precipitation; Waste Treatment Economics; ...2.1199

COMBINED COOLING AND BIO-TREATMENT OF BEET-SUGAR FACTORY CONDENSER WATER EFFLUENT ...Chemical Treatment (water); Condensers; Food Processing Industries; Industrial Wastes; Organic Matter; Thermal Pollution; Waste Water Degradation; ...2.1201

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Tillage, Cropping Systems; Waste Water Treatment - general; Water Pollution Effects; ...2.1665

EFFECTS OF SUGAR REFINING LOGOON EFFLUENTS ON FARGO CLAY ...Biochemical Oxygen Demand; Chemical Effects; Effluents - Waste Water; Infiltration; Sewage Lagoons; Tillage, Cropping Systems; ...2.1666

Sulfhydryl Compounds

SWINE HOUSING ENVIRONMENT ...Air Pollution -see Specifics; Corrosion, Deterioration; Farm Structures & Design; Humidity; Sus; Wind -see Air Motion; ...1.0055

AIR LEAD POLLUTION - EFFECT ON THE G6PD DEFICIENT NEGRO ...Adenosine Triphosphate; Air Pollution -see Specifics; Lead; Toxicology; ...1.0219

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Environmental Modification; Pathological Physiology; Respiration; Toxic Substances; ...1.0333

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES. I. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE ...Algae - Chlorophyta; Cell Injury and Autolysis; Chemical Mutagenesis; Industrial Wastes; Metabolism of Algacides; Plant Ecology -nonspecific; Radiation Sources - general; X and Gamma Rays; ...2.0027

IMPAIRMENT OF THE FLAVOR OF FISH BY WATER POLLUTANTS ...Food Contamination; Micropterus Salmoides; Organic Matter; Salmo Gairdneri; ...2.0328

CONTROL OF GEOTRICHUM CANDIDUM IN BIOLOGICAL WASTE TREATMENT ...Carbon; Coagulation; Fungal Pollutant Sources; Geotrichum; Sewage Lagoons; Waste Water Treatment - general; Zinc; ...2.1410

POULTRY WASTE DISPOSAL AND ASSOCIATED ODOR CONTROL ...Bacteria -nonspecific; Bacterial Identification; Desulfovibrio; Farm Animal Wastes; Feces; Odor; Waste Disposal-see Solid Waste; ...3.0232

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Rain; Vegetables; ...4.0309

ESR STUDIES OF FREE RADICALS IN RELATION TO BIOLOGICAL EFFECTS OF RADIATION ...Electron Spin Resonance; Laser Effects -bioeffects; Radiation Chemistry - biophys.; Radiation Effects - Biological; Radiation Injury Prevention; Ultra Violet Radiation; ...5.0164

PULSE RADIOLYSIS STUDIES ...Ionizing Radiation -see Rad.; Kinetics; Radiation; Radiation Chemistry -biophys.; Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0176

RADIOSENSITIVITY OF MAMMALIAN CELLS IN TISSUE CULTURES ...Cellular Metabolism - Controls; Radiation Sensitivity -man; Radiation, Lethal Dose; ...5.0289

PREPARATION AND PROPERTIES OF SUBCELLULAR FRACTIONS ...Muridae; Nitrogen and Nitrogen Cpds.; Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0294

STUDIES OF RADIATION DAMAGE TO BIOLOGICAL MATERIALS ...Injury and Shock; Lasers and Masers; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0400

RADIATION RESPONSE OF BACTERIAL RADIATION REPAIR SYSTEMS ...Bacteriophage; Cell Injury and Autolysis; Cellular Biosynthesis; Escherichia Coli; Microorganisms; Radiation Chemistry -biophys.; Radiation Sensitivity -man; ...5.0478

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Gases; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

RADIATION EFFECTS ON NUCLEIC ACIDS AND PROTECTION ...Carbon; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Radiation Injury Prevention; X and Gamma Rays; ...5.0579

STUDIES OF ENDOGENOUS SULFHYDRYL GROUPS ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0792

SULPHYDRYL COMPOUNDS AND PROTECTION AGAINST RADIOMIMETIC ALKYLATING AGENTS ...Radiation Effects - Biological; Radiation Injury Prevention; ...5.0796

PHYSICAL AND PHYSIOLOGICAL COMPONENTS OF RADIATION EFFECTS IN CELLS ...Bacillus Megaterium; Bacterial Morphology; Cell Injury and Autolysis; Microorganisms; Radiation; Staphylococcus Aureus; ...5.0829

AN INVESTIGATION INTO THE PHARMACOLOGICAL PROPERTIES OF ANTI-IRRADIATION DRUGS ...Cellular Biosynthesis; Mammals -nonspecific; Radiation Injury Prevention; ...5.0887

MERCAPTOCYCLOPROPYLAMINES RADIATION-PROTECTIVE AGENTS ...Muridae; Radiation; Radiation Injury Prevention; X and Gamma Rays; ...5.0911

BIOLOGICALLY ORIENTED ORGANIC SULFUR CHEMISTRY ...Histoplasma; Muridae; ...5.0921

Sulfur Dioxide

INTERACTION OF ELECTRON ACCEPTORS WITH CHLORPROMAZINE ...Air Pollution-chemistry; Electroanalyses; Muridae; Nitrogen and Nitrogen Cpds.; Spectrographic Techniques; Temperature - Human Body; ...1.0177

INHALATION OF WHOLE SMOKE, SYNTHETIC SMOG, & AMBIENT AIR ON THE RESPIRATORY TRACT & OTHER ORGANS OF PATHOGEN-FREE MICE (ABBREV) ...Aerosols; Carbon Monoxide; Muridae; Respiratory Irritants, Inhaled; ...1.0179

RESPIRATORY TRACT AIR POLLUTANTS AND BIOLOGICAL AGENTS ...Air Pollution -see Specifics; Caviidae; Diplococcus Pneumoniae; Muridae; Pleuropneumonia Group; Respiratory Disease; Smog -see Air Pollution; ...1.0180

FURNISHING NOTICE OF RESEARCH PROJECTS RELATIVE TO ALL BIOLOGICAL INFORMATION ...Air Pollution -see Specifics; Asbestos, Carbon Monoxide; Chlorine; Lead; Pollens - see Air Pollution; Zinc; ...1.0193

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aircraft; Aviation Medicine; Detectors and Sensors; Military Personnel; Nitrogen and Nitrogen Cpds.; Tobacco -cigars; Toxic Substances; ...1.0194

STUDIES OF ENVIRONMENTAL AIR POLLUTANTS ...Air Pollution -see Specifics; Amphibians; Carbon; Experimental Teratology; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; ...1.0198

PHYSIOLOGICAL RESPONSE TO ATMOSPHERIC POLLUTANTS ...Aerosols; Air Pollution -see Specifics; Air Pollution-chemistry; Caviidae; Respiratory Irritants, Inhaled; ...1.0213

PULMONARY REACTIONS TO GASEOUS ENVIRONMENTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Gases; Respiratory Irritants, Inhaled; Toxicology; ...1.0222

INFLUENCE OF AIRBORNE FACTORS ON LUNG CLEARANCE ...Aerosols; Asbestos; Nitrogen and Nitrogen Cpds.; Respiratory Disease; ...1.0235

COMPLETE ANALYSES OF DATA & PREPARE A REPORT OF A STUDY OF PHILADELPHIA IN RELATION TO SOX & PARTICULATE AIR POLLUTION LEVELS ...Air Pollution -see Specifics; Air Pollution Effects; Gases; Particulates - Air Pollution; Pennsylvania; ...1.0240

A REPORT OF SEVERAL AIR POLLUTION PARAMETERS AND THE INTENSITY OF SYMPTOMS IN A PANEL OF ASTHMATIC PERSONS (ABBREV) ...Air Pollution -see Specifics; Asthma; Respiratory Irritants, Inhaled; ...1.0253

CONTINUE COLLECTION OF DATA ON THE EFFECT OF CHRONIC EXPOSURE OF BEAGLE DOGS TO SULFUR OXIDES AND PARTICULATE AIR POLLUTION ...Air Pollution - see Specifics; Canidae; Exercise; Respiratory Irritants, Inhaled; Stressors, Physiological; ...1.0257

PULMONARY FUNCTION IN SCHOOL CHILDREN IN RELATION TO AMBIENT AIR POLLUTION LEVELS (ABBREV) ...Air Pollution -see Specifics; ...1.0258

PLAN, DEVELOP AND IMPLEMENT STUDIES DESIGNED TO IDENTIFY AND QUANTIFY THE EFFECTS OF AMBIENT LEVELS OF AIR POLLUTION ON HEALTH ...Air Pollution - see Specifics; Urban Research -general; ...1.0261

PHAGOCYTOSIS AND BACTERIAL KILLING BY ALVEOLAR MACROPHAGES ...Air Pollution -see Specifics; Amino Triazole; Laboratory Animals; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Phagocytosis; ...1.0282

EYE IRRITATION RESPONSE MEASUREMENTS FOR EVALUATION OF PHOTOCHEMICAL REACTIVITIES OF HYDROCARBON-NO-AIR AND BENZALDEHYDE-NO-AIR MIXTURES ...Air Pollution -see Specifics; Air Pollution-chemistry; Aldehydes -nonspecific; Nitrogen and Nitrogen Cpds.; Oxidants; Photochemical Reactions; Radiation -see Specifics; ...1.0283

ABSORPTION OF POLLUTANTS IN THE RESPIRATORY TRACT ...Air Pollution -see Specifics; Felidae; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; ...1.0290

AIR POLLUTION EFFECTS ON AIRBORNE RESPIRATORY DISEASE ...Air Pollution -see Specifics; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Temperature & Humidity Effects; Urban Environment; ...1.0304

EFFECT OF SO2 ON METABOLIC PATHWAYS IN HIGHER PLANTS ...Arachis; Industrial Pollution -general; Nitrogen Metabolism; Radioisotopes -nonspecific; ...1.0311

BIOCHEMICAL EFFECTS OF SULFUR DIOXIDE ON HIGHER PLANTS ...Enzymes; Herbicides and Other Chem; Photosynthesis; ...1.0312

ENVIRONMENT - AIR POLLUTION INTERACTIONS ON PLANTS ...Air Pollution -see Specifics; Herbicides and Other Chem; Moisture Deficiency; Plant Pathology - Env. Relat.; Plant Response to Env. -ns; Temperature - Air; ...1.0326

INFLUENCE OF SELECTED AIR POLLUTANTS ON PHOTOSYNTHESIS OF MATURE FOREST TREES UNDER NATURAL CONDITIONS ...Air Pollution -see Specifics; Photosynthesis; Pinus Strobus; Pollutant Resistance; ...1.0335

AIR POLLUTION ...Absorption - Chemistry; Air Pollution; Air Pollution-chemistry; Fibers; Gases; Home Economics; ...1.0372

EFFECTS OF AIR POLLUTION ON A FOREST ECOSYSTEM ...Forest Environment -general; Industrial Pollution -general; Mixed Forest; Plant Productivity -general; Plant Response to Env. -ns; Plant Succession; Zinc; ...1.0373

EFFECT OF AIR POLLUTION - MICROBES IN VIVO AND IN VITRO ...Air Pollution -see Specifics; Cellular Viability; Microorganisms -nonspecific; Soil Fungi -nonspecific; ...1.0379

AIR POLLUTION EFFECTS ON POWDERY MILDEW FUNGI ...Air Pollution -see Specifics; Cell Injury and Autolysis; Environmental Factors; Fungi -nonspecific; Pathological Physiology; Pollutant Resistance; ...1.0380

RESPONSE OF PLANTS TO ACUTE DOSES OF POLLUTANT MIXTURES AT SPECIFIC GROWTH STAGES ...Air Pollution - see Specifics; Growth; ...1.0391

RESPONSE OF EASTERN CONIFERS TO POLLUTANT MIXTURES AT SPECIFIED TIMES DURING NEEDLE DEVELOPMENT ...Air Pollution Effects; Conifers; Eastern U. S.; Gases; Herbicides and Other Chem; ...1.0398

LOW CONCENTRATION-LONG TERM RESPONSES OF PLANTS TO POLLUTANT MIXTURES ...Air Pollution -see Specifics; Air Pollution Effects; Gases; Growth; Pathological Physiology; Reproductive Physiology; ...1.0402

PENNSYLVANIA POWER PLANT STUDY ...Air Pollution-chemistry; Farm Pond; Industrial Pollution -general; Lead; Pinus Strobus; Power Plants -see Specifics; Wind -see Air Motion; ...1.0407

PLANT GROWTH RESPONSES TO AIR POLLUTANTS ...Air Pollution -see Specifics; Growth; Herbicides and Other Chem; Metabolism; Transpiration and Evap; ...1.0415

EFFECT OF VARIOUS GASEOUS CONTAMINANTS OF THE ATMOSPHERE ON PLANT GROWTH AND BEHAVIOR ...Carbon Disulfide; Enzymes; Growth; Industrial Pollution -general; Pollutant Resistance; Reproductive Physiology; Respiration; ...1.0420

EFFECTS AND FATE OF AIR POLLUTANTS ...Absorption (incl. Adsorption); Carbon Monoxide; Growth; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Physiological Ecology; Transpiration and Evap; ...1.0430

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Mathematical Models; Moisture; Nitrogen and Nitrogen Cpds.; Urban Research -general; ...1.0433

APPLICATION OF REMOTE SENSING METHODS IN DETECTING AIR POLLUTION DAMAGE TO VEGETATION ...Aerial Photography -see Aerial; Aerial Photography -see Photo.; Air Pollution Effects; Remote Sensing; ...1.0774

COMPLETE A REPORT ON INDOOR-OUTDOOR AIR QUALITY FOR SOX - TSP AND OTHER AIR POLLUTANTS ...Air Pollution -see Specifics; Air Pollution Monitoring; Analytical Instruments; Particulates - Air Pollution; Sulfur Dioxide Removal; Urban Environment; Urban Research -general; ...1.0810

DEVELOP & IMPLEMENT OPERATIONAL SYSTEM FOR EVALUATING & COLLABORATIVELY TESTING METHODS RECOMMENDED FOR AIR POLLUTION MEASUREMENT

(ABBREV) ...Air Pollution; Air Pollution Analysis; Aldehydes - nonspecific; Carbon Monoxide; Lead; Methane; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; ...1.0843

PROCESSING OF WINE FOR PRODUCT IMPROVEMENT AND POLLUTION REDUCTION ...Botrytis; Plant Waste Removal, Treatment; Product Development Research; Vitaceae; ...3.0015

HYDROLYSIS OF SLUDGE USING LOW PRESSURE STEAM WITH SO2 AS A HYDROLYTIC ADJUNCT AND TO STUDY THE UTILIZATION OF THE RESULTING HYDROLYSATE ...Digestion; Hydrolysis, Esterification; Product Development Research; Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general; ...3.0245

MONITORING AND ASSAY OF PHYTOTOXIC AIRBORNE PESTICIDES AND VOLATILE POLLUTANTS ...Aerosols - Smokes, Fogs, Steam; Climates -general; DDE; Endrin; Monitoring Systems; Pesticide Phytotoxicity; Radioisotopes -nonspecific; ...4.0033

SUPPRESSION OF MYCOFLORA AND MYCOTOXINS IN NEWLY COMBINED, PARTIALLY CURED PEANUTS ...Aerosols - Smokes, Fogs, Steam; Arachis; Fungicides -nonspecific; Pesticide Phytotoxicity; ...4.0448

Support Services

PACKAGING ...Engineering Mechanics; Farm Produce; Packaging Materials; Plant Waste Removal, Treatment; ...3.0045

Surface Active-other

LUNG ALVEOLAR SURFACTANT - PHYSIOLOGICAL, BIOCHEMICAL, AND THERAPEUTIC ASPECTS IN CARDIOPULMONARY DISEASE ...Air Pollution -see Specifics; Mammals -nonspecific; Respiratory Disease; ...1.0195

COLLECTION OF DATA ON THE BIOCHEMICAL CHARACTERIZATION OF LUNG SURFACTANT AS IT IS AFFECTED BY EXPOSURE TO AIR POLLUTANTS (ABBREV) ...Air Pollution -see Specifics; Biochemical Analysis - Tissues; Mammals - nonspecific; Respiratory Irritants, Inhaled; ...1.0269

COMPLETE A STUDY AND PREPARE A REPORT ON THE IMMUNOLOGIC CHARACTERIZATION OF LUNG SURFACTANT USING IMMUNO-ASSAY TECHNIQUES ...Air Pollution -see Specifics; Mammals -nonspecific; ...1.0270

CHARACTERIZATION OF SOIL NONWETTABILITY AND THE DEVELOPMENT OF CRITERIA FOR THE MOST ECONOMIC TREATMENT OF THESE SOILS ...Fire Damage, Recovery; Infiltration; Soil Conditions; Soil Moisture; Soil Types -also See Specifics; Surfactants -see Detergents; ...2.0044

LOSS OF ORGANIC AND INORGANIC MATERIALS FROM ABOVE-GROUND PLANT PARTS BY LEACHING ...Absorption (incl. Adsorption); Aging; Dew; Fog, Haze, Mist; Nitrogen Metabolism; Radioactive Fallout-cf Fallout; Rain; Translocation; ...2.0268

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Erosion; Oregon; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutants - Path of; ...2.0330

AN ECOLOGICAL STUDY OF THE LOWER HOUSATONIC RIVER - PHASE I - SURVEY OF THE CHEMICAL ASPECTS OF THE RIVER ...Alkalinity (water); Chemical Water Properties; Connecticut; Ecological Effects, Optical Properties of Water; Survey Studies (water); Zinc; ...2.0523

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Detergents -see Surfactants; Industrial Wastes; Laserr and Masers; Mass Spectroscopy; Pesticides -see Pesticide; Petroleum Research; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

TREATMENT OF AQUEOUS AGRICULTURAL WASTES FOR CLEAN WATER AND FOR MICROBIAL PROTEIN PRODUCTION ...Aeration (water); Biochemical Oxygen Demand; Farm Animal Wastes; Microorganisms -nonspecific; Product Development Research; Water Pollution Sources; ...2.1271

BACTERIOLOGY OF BIODEGRADABLE SURFACTANTS ...Bacilli -nonspecific; Bacterial Morphology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Escherichia Coli; Phenols; Staphylococcus -nonspecific; Surfactants -see Detergents; ...2.1492

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Contamination - Water; Environmental Ecology; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Pesticides -nonspecific; Spawn Or Nesting Sites; Temperature (water); ...2.1516

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ...Acidity (water); Captive Rearing; Contamination - Water; Environmental Influences; Fish Food Organisms; Mollusca; Pesticide Toxicity to Microorg; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; ...2.1517

EFFECTS OF SURFACTANTS IN WATER ON BLACKBIRD METABOLISM ...Analysis and Detection; Contamination - Water; Passeriformes; Surfactants -see Detergents; Temperature - Air; ...2.1579

EFFECTS OF CRUDE OILS AND THEIR EMULSIONS ON MARINE ORGANISMS ...Animal Pharmacology; Contamination - Water; Fish; Oil; Ships and Cruises, ...2.1699

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Turbidity (water); ...4.0041

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Chromatography; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Spectrographic Techniques; Surfactants - Wetting Agents; ...4.0502

REDUCTION OF ADVERSE EFFECTS OF PESTICIDE RESIDUES ON FOOD PRODUCTS ...Aldrin; DDT; Parathion; Pesticide Residues in Feeds; Residues in Foods; ...4.1118

LYMPHOCYTE SIZE AND DENSITY DISTRIBUTIONS ...Developmental Physiology; Muridae; Radiation, Low Level; ...5.0151

LIPID COMPOSITION OF PULMONARY SURFACTANT, EXFOLIATED LINING CELLS AND TISSUE FROM BEAGLE DOGS ...Canidae; Radioisotopes -nonspecific; Respiratory Irritants, Inhaled; ...5.0444

Surfactants -see Detergents

ANALYSIS OF SOLUTIONS FOR SURFACE-ACTIVE CONSTITUENTS ...Absorption - Chemistry; Adsorption; Chemical Analysis (water); Detectors and Sensors; Electrochemistry; ...2.0598

FOAM SEPARATION FLOTATION OF COLLOID ORGANIC SYSTEMS ...Chelation & Complexing; Demineralization; Fluid Mechanics; Mineralogical Water Properties; Process Design; Waste Water Treatment -general; ...2.0899

OIL SPILLAGE CONTROL ...Foam, Oil Removal; Petroleum Wastes - Spillage; Vacuum Techniques; Waste Management -see Specific; ...2.1078

INVESTIGATION OF AMPHIPATHIC WATER-SOLUBLE POLYMERS AS FLOCCULANTS AND FLOTATION AIDS IN DOMESTIC WASTEWATER TREATMENT ...Additives; Electrochemistry; Flocculation; Flotation; Sewage - Domestic; Waste Water Treatment -general; Water Pollution Sources; ...2.1209

STUDIES IN FOAM SEPARATION AND RELATED TECHNIQUES ...Foam; Mercury; Metal Processing Wastes; Waste Treatment; ...2.1296

EFFECT OF SURFACTANT MICELLES ON METAL ION REMOVAL BY FLOTATION FROM METALLURGICAL WASTEWATER ...Chemical Mechanisms & Kinetics; Flotation; Lead; Metal Processing Wastes; Ultrasonics; Zinc; ...2.1327

REMOVAL OF METAL IONS BY FLOTATION WITH SURFACTANTS ...Chelation & Complexing; Flotation; Temperature; Waste Water Treatment -general; Water Chemistry; ...2.1328

THE ORGANIC CONCENTRATION GRADIENT IN AN AERATION COLUMN ...Aeration (water); Bubbles; Organic Matter; Organic Water Properties; Separation; ...2.1337

REMOVAL OF TRACE METALS FROM WATER BY ION FLOTATION ...Demineralization; Foam; Mineralization; Waste Management -see Specific; ...2.1374

WASTE WATER PURIFICATION ...Activated Sludge; Adsorption; Combustion; Dewatering; Energy Conversion; Sedimentation; ...2.1390

BACTERIOLOGY OF BIODEGRADABLE SURFACTANTS ...Bacilli fnonspecific; Bacterial Morphology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Escherichia Coli; Phenols; Staphylococcus -nonspecific; ...2.1492

EFFECTS OF SURFACTANTS IN WATER ON BLACKBIRD METABOLISM ...Analysis and Detection; Contamination - Water; Passeriformes; Temperature - Air; ...2.1579

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Water Pollutants - Path of; ...3.0312

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticide Absorption Rates; Pesticides -nonspecific; Rate of Reaction; Soil Chemical Properties; Soil Profile; Surfactants - Wetting Agents; Tension and Measurement; ...4.0094

Surveillance, Electronic

DESIGN DETAILED PERFORMANCE SPECIFICATIONS FOR THE DIFFERENT TYPES OF AIR QUALITY SURVEILLANCE NETWORKS ...Air Pollution Monitoring; Air Pollution Sampling; Automatic Weather Stations; ...1.0489

SURVEILLANCE - LOW TEMPERATURE PROPERTIES OF ELECTRONIC MATERIALS FOR DETECTION DEVICES ...Electronic Components; Electronic Detection, Tracking; Solid State Engineering; Waveguides; ...1.0860

DATA ACQUISITION SYSTEMS IN WATER QUALITY MANAGEMENT ...Aircraft Remote Sensing; Colorado; Data Acquisition; Detectors and Sensors; Regional Or State Studies; Water Chemistry; Water Standards & Baselines; ...2.0519

ELECTROMAGNETIC POWER ABSORPTION MEASUREMENTS FOR RADAR HAZARDS ASSESSMENT AD SURVEILLANCE SYSTEMS ...Canidae; Electromagnetic Field; Infra Red; Microwave and Radiofrequency, Radiation Effects - Biological; ...5.0915

Survey Studies (water)

WRITE REPORT OF PULP AND PAPER STUDY ...Pulp and Paper; Pulp and Paper Wastes; ...1.0113

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Erosion; Rate of Deposition; Sediment Transport; Sedimentation; Streams; ...2.0061

LARGE IMPOUNDMENTS - EUTROPHICATION OF LAS VEGAS BAY, LAKE MEAD ...Arid and Desert Regions; Data Acquisition; Nevada; Salinity (water); Water Quality Control - general; ...2.0064

STUDY OF CAUSES AND CONTROL OF GROUND WATER INFILTRATION INTO SEWERS ...Canada; Infiltration; Overflow - see Fluid Mechanics; Sewer Systems; ...2.0123

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology; Benthic Organisms -nonspecific; Coliforms -nonspecific; Fish Food Organisms; Nutrients; Plankton; Water Properties -general; ...2.0158

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Turbidity Currents; ...2.0217

INVESTIGATION OF THE EUTROPHICATION PROCESS OF LAKE MCCONAUGHY, WESTERN NEBRASKA ...Eutrophication; Lakes; Literature Search; Nebraska; Nutrients; Water Properties -general; ...2.0236

CANADARAGO LAKE EUTROPHICATION STUDY ...Agricultural Runoff; Biological Water Properties; Data Acquisition; New York; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Soil Tillage; Urban Runoff; ...2.0256

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Agnatha; Chemical Water Properties; Control of Nuisance Species; Engineering Structures-general; Flow Characteristics (water); Lake Ontario; Salmonidae; ...2.0260

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -se - Pesticide; Pollution Effects -see Water; Pulp and Paper Waste; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply -general; ...2.0322

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Agricultural Runoff; Farm Pond; Great Plains Province; Precipitation; Precipitation Gages; Sediment Yield; Soil Texture; ...2.0366

MINING OPERATIONS FOR THE REDUCTION OF HARMFUL DRAINAGE FROM UNDERGROUND COAL MINES ...Acid Mine Drainage; Coal; Mine Engineering; Underground Workings; Water Pollution Abatement; Water Resources Protection; ...2.0433

EUTROPHICATION - N CYCLE - NITRIFICATION AND DENITRIFICATION ...Algae -nonspecific; Bacterial Identification; Lemnaceae; Wisconsin; ...2.0449

INSHORE FISHERIES HABITAT EVALUATION AND MONITORING ...Animal Habitat Studies; Ecological Effects; Fishing; Mans Pollutional Activities; Marine Plants; Scuba; Types of Resources; ...2.0491

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Em Radiation; Marine Biology - General; Monolayers; Polarimetry; Reflectance; Water Pollutant Identification; ...2.0499

AN ECOLOGICAL STUDY OF THE LOWER HOUSATONIC RIVER - PHASE I - SURVEY OF THE CHEMICAL ASPECTS OF THE RIVER ...Alkalinity (water); Chemical Water Properties; Connecticut; Ecological Effects; Optical Properties of Water; Zinc; ...2.0523

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ...Aircraft Remote Sensing; Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Infrared Radiation; Mapping; Temperature (water); Thermal Pollution; ...2.0524

WESTERN BEAUFORT SEA ECOLOGICAL CRUISE (WEBSEC 9-70) ...Alaska; Bays; Ecological Effects; Marine Biology - General; Oil; Sea Water Chemistry; Ships and Cruises; Water Standards & Baselines; ...2.0537

THE ECOLOGY OF DRAKE'S CREEK, KENTUCKY ...Aquatic Ecology - Animal; Kentucky; Management (water); Water Standards & Baselines; ...2.0596

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Temperature (water); Zooplankton; ...2.0609

BENTHONIC INVERTEBRATES AS AN INDEX OF WATER QUALITY ...Animal Life History Studies; Bioassays; Environmental Ecology; Invertebrates -nonspecific; Water Pollutant Identification; ...2.0643

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Aquatic Ecology - Animal; Eutrophic Lakes; Eutrophication; Ohio; Plant Habitat Studies; Reservoirs and Impoundments; Vertical Distribution; ...2.0729

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Aquatic Ecology - Animal; Biological Water Properties; Chemical Analysis (water); Data Acquisition; Fish; Organic Water Properties; Pollution Effects -see Water; ...2.0731

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Data Reduction and Analysis; Management (water); Oregon; Plant Freshwater Ecology; Water Quality -general; Watersheds; ...2.0744

UPPER DELAWARE RIVER PLANKTON STUDY ...Delaware River; Diatoms (see Also Algae); Environmental Influences; Plankton; Plankton Sampling; Taste & Odor of Water; Water Quality -general; ...2.0755

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Degradation - see Pesticide Deg; Fishing; Land Use; Relief; South Dakota; Water Pollution Sources; Water Supply -general; ...2.0799

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Aquatic Ecology - Animal; Contamination - Water; Ecological Effects; Fish; Pollution Effects -see Water; Reactor Sites & Rad Waste; Thermal Pollution; ...2.0800

BIOLOGICAL STREAM SURVEILLANCE ...Benthic Organisms - nonspecific; Bottom Sampling; Ecological Effects; Taxonomy - plant; West Virginia; ...2.0850

WATER QUALITY MONITORING STUDIES ...Aquatic Ecology - Animal; Dams -general; Fish and Shellfish; Monitoring; Population Dynamics -general; Water Quality -general; ...2.0854

A COMPARISON OF TOTAL COLIFORM AND FECAL COLIFORM COUNTS IN STREAM POLLUTION SURVEYS ...Bacterial Identification; Coliforms -nonspecific; Literature Search; Water Pollutant Identification; ...2.0855

OPTIMIZING STRATEGY FOR STATE WATER POLLUTION CONTROL IN THE POST 'PLAN OF IMPLEMENTATION' PERIOD ...Administrative Organizations; Massachusetts; Optimization, Economic; Water Quality Control -general; Water Resources Planning; ...2.1039

INVESTIGATION OF THE EFFECTS OF COMMERCIAL HYDRAULIC CLAM DREDGING ON VARIOUS BOTTOM HABITATS OF SELECTED ESTUARINE AREAS ...Animal Habitat Studies; Benthic Organisms -nonspecific; Clams; Environmental Ecology; Mans Pollutional Activities; Sediments; ...2.1533

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Gastropoda; Mollusca; Physical Water Properties; Taxonomy -animal; Water Pollution Sources; ...2.1623

HYDRO-ENVIRONMENTAL EVALUATION OF NUCLEAR POWER PLANTS ...Atomic Plants; Electric Power Plants; Energy Conversion; Thermal Pollution; ...2.1757

WATER QUALITY CRITERIA FOR SELECTED RECREATION USES ...Attitudes & Attitude Change; Multivariate Analysis; Recreation, Water Resources; Social Aspects; Water Pollutant Identification; Water Quality -general; ...2.1827

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Administration and Management; Biological Water Properties; Chesapeake Bay; Information Systems; Management (water); Social Aspects; Soil Tillage; Systems Analysis - Water Mgmt; ...2.1840

USER ATTITUDES TOWARD WATER QUALITY AND PRICE ...Attitudes & Attitude Change; Nevada; Price & Value -see Economics; Social Aspects; Water Costs; Water Quality -general; ...2.1867

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING ...Benefit-cost Analysis; Demand and Use -recreation; Fishing; Recreation, Outdoor; Recreation, Water Resources; Survey - Recreation; Urban Environment; User Expenditures; ...2.1877

APPRAISAL OF WATER MANAGEMENT INSTITUTIONS - SURVEY OF OREGON WATER LAW ...Administrative Organizations; Legal Review; Northwest U. S.; Water Standards & Baselines; ...2.1901

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Groundwater; Land Use; Percolation (water); Primary Treatment; Secondary Treatment; Social Aspects; Water Quality -general; ...2.1907

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Benefit-cost Analysis; Demand and Use -recreation; Estuaries; Land Use; Oceanography -general; Rhode Island; Water Quality Control -general; ...2.1911

URBAN WATER POLICY AS AN INPUT IN URBAN GROWTH POLICY ...Government -see Federal Gov.; Land Use; Sewer Systems; Urban Planning; Water Resources Planning; ...2.1916

PROGRAM PLANNING ON ACTIVITIES OF AGENCIES OF CONCERN TO PUBLIC WATERS ...Biological Water Properties; Fish & Shellfish Biology; Meetings; Vermont; Water Resources Planning; ...2.1923

INTERORGANIZATIONAL STRUCTURE RELATING TO WATER QUALITY ADMINISTRATION AND POLICY ...Administration and Management; Administrative Organizations; Data Acquisition; Government -see Federal Gov.; Organizational Research; Social Aspects; Water Quality -general; ...2.1939

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Recreation, Water Resources; Vertical Distribution; Water Resources Protection; ...3.0013

SURVEY OF PULP AND PAPER MILL EFFLUENT CONTROL AND TREATMENT ...Effluents - Waste Water; Industrial Wastes; Pulp and Paper Wastes; Waste Water Treatment -general; Water Pollution Abatement; Water Quality Control -general; Water Resources Protection; ...3.0255

AN EVALUATION OF THE INSECTICIDE 'SEVIN' AS A WATERSHED POLLUTANT ...Environment Accumulation Rates; New York; Pesticide Residues; Population Dynamics - general; Soil Types -also See Specifics; Water Pollutants - Path of; ...4.0057

Surveying

SMOG ELIMINATION RESULTING FROM BUILDING DESIGN AND CITY PLANNING ...Building Design; Fluid Mechanics; Photography; Planning; Smoke -see Air Pollution; Urban Research -general; ...1.0558

ARCTIC ENGINEERING GEOLOGY (NASA) ...Alaska; Freight Service; Infrared Radiation; Oil and Natural Gas - Sulfur; Petroleum Research; Transportation Management; ...2.0497

MULTISPECTRAL CAMERA CLUSTER ...Aircraft Remote Sensing; Economics of Natural Resources; Land Use; Soil Tillage; Transportation; Transportation Management; Urban Research - general; ...2.0593

AIR PHOTO ANALYSIS OF OCEAN OUTFALL DISPERSION ...Aerial Photography -see Photo.; Currents (water); Industrial Wastes; Lake; Marine Environments; Sewage; ...2.0741

CRITERIA FOR RECOGNITION OF ESTUARINE WATER POLLUTION BY AERIAL REMOTE SENSING ...Aerial Photography -see Photo.; Electromagnetic Radiation; Estuaries; Photography; Water Pollutant Identification; ...2.0770

DEFINITION OF THE MIXING ZONE FOR WASTE EFFLUENT DISCHARGED INTO SURFACE WATERS ...Aerial Photography -see Photo.; Dispersion (water); Effluents - Waste Water; Energy Conversion; Model Studies; Physical Models; Water Pollutants - Path of; ...2.1460

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Chemical Analysis -general; Dispersion (water); Effluents - Waste Water; Industrial Wastes; Marine Photography- Television; Oregon; Pulp and Paper Wastes; Sea Water Sampling; ...2.1678

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Currents (water); Engineering Structures-general; Mapping; Shoreline Geomorphology; Structural Mechanics; Utah; Waves -see Ocean Waves; ...2.1738

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; Lakes; North Carolina; Soil Cover Crops; Urban Research -general; Water Quality -general; Water Yield; Weather Data; ...2.1892

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology; Geological Exploration; Lead; Massachusetts; Rocks - Bedrock; Streams; Waste Disposal-see Solid Waste; ...3.0162

Susquehanna River

HYDROGEOLOGY OF PUBLIC GROUND WATER SUPPLIES IN PENNSYLVANIA ...Chemical Analysis (water); Groundwater; Management (water); Potomac River; Water Yield; ...2.0753

DEVELOPMENT OF CRITERIA FOR REGIONALIZATION OF WATER WASTES MANAGEMENT SYSTEMS ...Administrative Organizations; Management (water); Social Aspects; Waste Disposal-see Solid Waste; Water Costs; Water Standards & Baselines; ...2.1403

DETERMINE EFFECTS OF RESERVOIRS ALONG SUSQUEHANNA RIVER ON SEDIMENT BEING DISCHARGED INTO CHESAPEAKE BAY AT HAVRE DE GRACE, MD. ...Chesapeake Bay; Maryland; Mineralogical Properties; Reservoirs and Impoundments; Sediment Yield; Sediments; Size; ...2.1571

Swamps - Marshes

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Water Pollution Sources; Weather Data; ...2.0160

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Lime Treatment; Model Studies; Optical Properties of Water; Organic

Water Properties; Phosphorus and Phosphorus Cpds; Water Pollutants p Path of; Water Standards & Baselines; ...2.0142

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Animal Productivity; Density, Dystrophic Lakes; Nutrients; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Productivity -general; Stratification (water); ...2.0195

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams, Suspension; Watersheds; ...2.0214

MOSQUITO CONTROL - TIDAL MARSHES ...Chemical Analysis; Land Use, Modification Effects; Pesticide Action on Animals, Physical Control; ...2.0252

THE IMPORTANCE OF THE FOOD CHAIN IN BOTULISM INTOXICATION AMONG WATERFOWL LAKES AND SLOUGHS OF THE DEVILS LAKE REGION IN NORTH DAKOTA ...Animal Productivity; Bacillus Licheniformis; Clostridium Botulinum; Lakes; Pathology; Waterfowl -nonspecific; ...2.0299

THE EFFECTIVENESS OF WATERFOWL IN CARRYING PATHOGENIC MICRO-ORGANISMS ...Animal Migration; Pathology; Sewage Bacteria; Temporal Distribution; Waterfowl - nonspecific; ...2.0396

LEAD SHOT, ITS SETTLEMENT, OXIDATION, AND AVAILABILITY TO WATERFOWL ...Aquatic Ecology - Animal; Contamination - Water; Corrosion, Deterioration; Lead; Ordinance Materials; Waterfowl -nonspecific; ...2.0397

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

VIBRIO PARAHAEMOLYTICUS IN CHESAPEAKE BAY - ISOLATION, INCIDENCE AND PATHOGENICITY ...Animal Interrelationships -gen; Bacterial Pollutant Sources; Chesapeake Bay; Estuaries; Muridae; ...2.0532

REMOTE SENSING, EVERGLADES AREA, FLORIDA ...Aircraft Remote Sensing; Eutrophication; Florida; Plankton; Population Dynamics -general; Spectral Reflectance; Visible Light; ...2.0550

DISSOLVED OXYGEN AND OXYGEN DEMAND IN A SALT MARSH BORDERED ESTUARY ...Biological Water Properties; Computer Models; Georgia; Physical Water Properties; Tidewater Areas; ...2.0559

THE IMPACT OF MICROORGANISMS ON OIL ...Bacterial Ecology; Biological Effects; Degradation -see Pesticide Deg; Food Contamination; Louisiana; Ostreidae (oyster); Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0603

ENVIRONMENTAL REQUIREMENTS OF SELECTED ESTUARINE CILIATED PROTOZOA ...Estuaries; Marine Environments; New Hampshire; Water Pollutant Identification; ...2.0668

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Habitat Studies; Boat Discharges; Forecasting - Prediction; Mathematical Models; New York; Water Bacteria; Waterfowl -nonspecific; ...2.0693

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Data Reduction and Analysis; Estuaries; Mathematical Models; Radioactivity; Streams; Tides; Water Pollution Sources; ...2.0749

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS ...Aquatic Soils; Coastlines - Shorelines; Degradation -see Pesticide Deg; Marine Biology - General; North Carolina; Petroleum -see Oil; Water Chemistry; ...2.1072

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

MICROFUNGI IN THE WATER, LITTER AND MUD OF A CATTAIL MARSH BORDERING LAKE BUTTE DES MORTS ...Bottom Sampling; Fungal Pollutant Sources; Fungi -nonspecific; Lower Plants; Water Pollution Abatement; Wisconsin; ...2.1139

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Thermal Pollution; Water Quality -general; ...2.1575

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ...New England Province: Nutrients; Sewage; ...2.1580

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Animal Productivity; Benthic Fauna; Diatoms (see Also Algae); Energy Budgets; Fish; Marine Plants; New England Province: Oxygen Content (water); Sewage; ...2.1586

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Water Pollutant Identification; ...2.1651

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries, Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

CHARACTERISTICS OF ORGANIC SUBSTANCES IN TIDAL MARSHES AND BENTHIC ENVIRONMENTS ...Ecological Effects; Estuaries; Marine Environments; Organic Matter; Organic Properties; Tidewater Areas; ...2.1696

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Model Studies; Nutrients; Physical Water Properties; Primary Productivity - Plants; Statistics; Washington; Water Purification; ...2.1768

TRANSLOCATION OF PESTICIDES FROM CRANBERRY BOGS TO THEIR SURROUNDINGS ...Aquatic Soils; Ericaceae; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutants - Path of; ...4.0124

INSECTS ATTACKING WOOD AND WOOD PRODUCTS IN STORAGE AND IN USE ...Aldrin; Carbamates -nonspecific; Chlorinated Hydrocarbons; Dieldrin; Environment Accumulation Rates; Handling & Application; Loam -see Soil Types; Pesticide Application Rates; Pesticide Movement in Soils; Sandy Soils -see Soil Type; ...4.0131

CRANBERRY DISEASES AND THEIR CONTROL ...Benlate; Ferbam; Guignardia; Maneb; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0402

CONTROL OF WEEDS IN BLUEBERRIES AND CRANBERRIES ...Agropyron; Cipc; Dichlobenil; Ericaceae; Fruit, Nut, and Berry Crops; Paraquat; Pesticide Application Rates; Pesticide Phytotoxicity; Plant Resistance; Simazine; Soil Organic Content; Terbacil; ...4.0504

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Estuaries; Laboratory Animals; Parathion; Physiological Effects; Spawn Or Nesting Sites; ...4.0653

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties; Eastern U. S.; Gramineae; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Water Cycle; ...5.0032

Sweden

EVALUATION OF CLIMATE ...Air Pollution Analysis; Building Acoustics -see Noise; Building Construction; Building Design; Humidity - Water Vapor; Temperature; Temperature Stress; ...6.0110

Symbiosis - Plants

THE ULTRASTRUCTURE OF NORTH AMERICAN HEPPIACEAE ...Air Pollution -see Specifics; Algae -nonspecific; Bioindicators; Evolution; Fungi -nonspecific; Lichenes; ...1.0359

TREATMENT AND UTILIZATION OF WASTES ...Algae -nonspecific; Farm Animal Wastes; Industrial Wastes; Nutrients; Product Development Research; Waste Water Treatment - general; Water Pollution Sources; ...3.0393

EFFECTS OF IRRADIATION ON LICHENS AND LICHEN-FORMING FUNGI AND ALGAE ...Algae -nonspecific; Algal Physiology; Ascomycetes -nonspecific; Cell Membrane Permeability; Radiation; Radiation Effects on Fungi; ...5.0410

Systems Analysis - Water Mgmt

EUTROPHICATION FACTORS IN NORTH CENTRAL FLORIDA LAKES ...Eutrophic Lakes; Eutrophication; Florida; Mathematical Models; Nutrients; Sub - Tropic Regions; ...2.0103

A PILOT-SCALE STUDY OF ACID MINE DRAINAGE ...Acidity (water); Data Acquisition; Mining Industry; Water Pollution Abatement; ...2.0303

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity - general; Productivity of Terrestrial; River Basins; Water Resources Planning; ...2.0373

A SYSTEMS ANALYSIS OF WATER AND NUTRIENT FLOWS IN THE LAKE WINGRA BASIN ...Computer Models; Eutrophication; Mathematical Analysis; Nutrients; Simulation Theory; Systems Analysis; Water Cycle; ...2.0444

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection; Chemical Water Properties; Growth; Lakes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Stratification (water); Temperature; ...2.0448

EUTROPHICATION OF NATURAL WATERS ...Biological Water Properties; Eutrophic Lakes; Forecasting - Prediction; Physical Water Properties; Water Quality Control -general; ...2.0451

A METHOD FOR ASSESSING THE EXTENT OF POLLUTION FROM STORMWATER RUNOFF FROM AN URBAN AREA ...Benefit-cost Analysis; Sewer Systems; Storm Sewer Quantity; Urban Runoff; Water Resources Planning; ...2.0490

A MULTI-PHASIC COMPONENT STUDY TO PREDICT STORM WATER POLLUTION FROM URBAN AREAS ...Benefit-cost Analysis; Forecasting - Prediction; Rainfall - Runoff Relationship; Storm Water; Urban Runoff; Water Resources Planning; ...2.0531

PREDICTION MODELS FOR WATER QUALITY PARAMETERS ...Forecasting - Prediction; Operations Research; River Basins; Water Standards & Baselines; ...2.0556

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Water Quality -general; Watersheds; ...2.0646

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation; Economic Impact; Lakes; Pollution Effects -see Water; Regional Economics; Urban Environment; Waste Water Treatment - general; Water Quality -general; ...2.0721

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water); Animal Productivity; Chemical Water Properties; Ohio; Physical Water Properties; River Basins; Taxonomy -plant; Water Pollutant Identification; ...2.0722

INSTREAM AERATION AND PARAMETERS OF NITROGENOUS BIOCHEMICAL OXYGEN DEMAND ...Aeration (water); Algal Physiology; New Jersey; Turbidity (water); Water Quality Control -general; ...2.1057

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency; Flow Characteristics (water); Industrial Wastes; Model Studies; North Carolina; Water Quality -general; Water Resources Protection; ...2.1104

SYSTEM ANALYSIS OF EUTROPHICATION CONTROL BY FLUSHING ...Eutrophic Lakes; Eutrophication; Nutrients; Primary Productivity - Plants; Recreation, Water Resources; ...2.1128

EXPERIMENTAL OPTIMIZATION OF STEP AERATION WASTE TREATMENT SYSTEMS ...Aeration (water); Development of Models; Mathematical Models; Optimization, Economic; ...2.1276

PROCESS CONTROL MODEL FOR OXYGEN REGENERATION OF POLLUTED RIVERS ...Aeration (water); Benefit-cost Analysis; Information Control Theory; Mathematical Analysis; Model Studies; ...2.1335

COORDINATED MANAGEMENT AND DESIGN OF METROPOLITAN AREA WATER SUPPLY AND WASTE WATER DISPOSAL NETWORKS - A LINKED SYSTEMS ANALYSIS ...Management (water); Model Studies; Optimization, Economic; Sewer Systems; Urban Research -general; Water Distribution Systems; ...2.1349

A SYSTEMS APPROACH FOR THE STUDY AND CONTROL OF FACTORS AFFECTING WATER POLLUTION ...Literature Search; Model Studies; Optimization, Economic; River Basins; Water Pollution Effects; Water Pollution Sources; Water Quality Control -general; ...2.1610

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Aquatic Ecology - Animal; Construction Industry; Construction Land Use Effects; Consultants, Advisory Services; Ecological Effects, Environment; Pollution Effects -see Water; ...2.1615

MICRO-ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER ...Acid Mine Drainage; Acidity (water); Forecasting - Prediction; Induced Temperature; Lower Plants; Phytoplankton, Primary Productivity - Plants; Thermal Pollution; ...2.1772

A SYSTEM APPROACH FOR INTEGRATING GROUNDWATER AND SURFACE-WATER USE ...California; Groundwater; Waste Water Treatment -general; Water Quality -general; Water Utilization -general; ...2.1787

NETWORK EVALUATION OF WASTEWATER COLLECTION ECONOMICS ...Benefit-cost Analysis; Cost-benefit Analysis; Demography; Public Utilities; Pumps; Social Aspects; Urban Research -general; ...2.1820

WATER QUALITY MODEL DERIVED FROM SYSTEM ANALYSES ...Management (water); Model Studies; Optimization, Economic; River Basins; Water Quality -general; ...2.1826

ECONOMIC ANALYSIS OF OPTIMAL WATER QUALITY MANAGEMENT ...Economic Theory; Indiana; Management; Management (water); Model Studies; Optimization, Economic; Water Quality Control -general; ...2.1830

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Model Studies; Optimization, Economic; Pulp and Paper Wastes; River Basins; Water Purification; ...2.1836

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Administration and Management; Biological Water Properties; Chesapeake Bay; Information Systems; Management (water); Social Aspects; Soil Tillage; ...2.1840

A METHODOLOGY FOR PLANNING OPTIMAL REGIONAL WASTE MANAGEMENT SYSTEMS ...Management (water); Optimization, Economic; Waste Treatment Economics; Water Resources Planning; ...2.1841

DATA COLLECTION ECONOMICS FOR WATER POLLUTION CONTROL STUDIES ...Data Acquisition; Economic Efficiency; Northeast U. S.; Statistics; Water Quality Control -general; ...2.1845

MATHEMATICAL WATER QUALITY PLANNING MODELS ...Bays; Harbors; Massachusetts; Model Studies; Tides; Water Resources Planning; ...2.1850

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Anaiysis; Molluscs; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

STOCHASTIC MODELS FOR WATER RESOURCES MANAGEMENT ...Economic Theory; Management (water); River Basins; Stochastic Models; Water Allocation; Water Resources Planning; Water Supply Augmentation; ...2.1879

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries; General Recreation Studies; Long Island Sound; Mollusca; Sediments; Water Pollution Effects; Water Resources Planning; ...2.1880

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Confidence Intervals; Digital Computer Applications; Hudson River; Monte Carlo Methods; Optimization Technique; River Basins; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Effluents - Waste Water; Industrial Wastes; Management (water); Potomac River; Water Costs; Water Quality Control -general; ...2.1905

USE OF ADVANCED WATER RESOURCES PLANNING TECHNIQUES IN THE DEVELOPMENT OF REGIONAL WATER MANAGEMENT PROGRAMS ...Industrial Wastes; Model Studies; River Basins; Water Quality -general; Water Resources Planning; ...2.1912

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

SEWER SYSTEM DESIGN, CONSTRUCTION AND MAINTENANCE PRACTICES AND EVALUATION ...Benefit-cost Analysis; Canada; Sewer Maintenance; Sewer Systems; Urban Environment; Urban Research -general; ...3.0081

MACRO-FAUNA IN WASTE STABILIZATION LAGOONS ...Animal Habitat Studies; Aquatic Ecology - Animal; Organic Matter; Sewage Lagoons; Waste Water Degradation; ...3.0283

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties; Eastern U. S.; Gramineae; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; Water Cycle; ...5.0032

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general, Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; ...5.0261

Systems Research

PERFORMANCE, RECOVERY, AND MAN-MACHINE EFFECTIVENESS ...Fatigue; Military Personnel; Performance - Behavioral Study; Sleep Deprivation, Fatigue; Stressors, Physiological; Temperature & Humidity Effects; Vibrations, - bioeffects; ...1.0298

RADIATION ALTERED AIRCREW TRACKING ABILITY ...Cercopithecoidea; Military Personnel; Performance - Behavioral Study; Psychology; Radiation Effects - Biological; Radiation Sources -general; Sensory & Perceptual Processes; ...5.0700

Tanks

PLUME RISE AND FUMIGATION MODELLING IN A TANK ...Air Pollution; Diffusion; Physical Models; ...1.0146

DESIGN OF GROWTH AND EXPOSURE CHAMBERS ...Air Pollution -see Specifics; Farm Structures & Design; ...1.0388

TREATMENT OF WATERCRAFT WASTES FROM SMALL VESSELS TO SHORE TREATMENT FACILITIES ...Boat Discharges; Marinas; Pumping Stations; Sewage; Sewage Treatment Plant; Waste Management -see Specific; ...2.1223

CHLORINE CONTACT TANK DESIGN ...Chemical Analysis - general; Disinfection; Flume Studies; Physical Models; ...3.0130

Tannery Wastes

TREATMENT OF BEAN HOUSE WASTES FROM A VEGETABLE TANNERY ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Electrochemistry; Neutralization; ...3.0262

BIOLOGICAL TREATMENT OF SPENT VEGETABLE TANNINS ...Color (water); Industrial Wastes; Oxidation: Rate of Reaction; Waste Water Treatment -general; ...3.0343

Taste & Odor of Water

THRESHOLD ODOR DETERMINATIONS OF WATER SAMPLES FROM THE LOWER MISSISSIPPI RIVER ...Chemical Analysis (water); Chemical Water Properties; Mathematical Models; Mississippi River; Potable Water; Water Pollutant Identification; Water Quality -general; ...2.0163

NATURALLY OCCURRING TASTES AND ODORS IN WATER SUPPLIES ...Actinomyces Sp; Food Contamination; Gas Chromatography; Odor; Spectrographic Techniques; Water Chemistry; ...2.0382

TASTES AND ODORS IN WATER SUPPLIES ...Actinomycetes - nonspecific; Algal Pollutant Sources; Nitrogen and Nitrogen Cpds.; Potable Water; Water Pollution -see Specifics; Water Quality -general; ...2.0486

WATER QUALITY ASSESSMENT AND POLLUTION CONTROL ...Biological Water Properties; Data Networks; Groundwater; Irgation; Physical Water Properties; Sewage; Water Pollution Abatement; ...2.0510

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Gas Chromatography; Mass Spectroscopy; Potable Water; Water Pollution Sources; ...2.0526

UPPER DELAWARE RIVER PLANKTON STUDY ...Delaware River; Diatoms (see Also Algae); Environmental Influences; Plankton; Plankton Sampling; Survey Studies (water); Water Quality -general; ...2.0755

HYDROLOGY OF CACHUMA RESERVOIR ...Aeration (water); California; Oxygen Content (water); Plant Population Dynamics - gen; Soil Tillage; Water Quality -general; Water Utilization - domestic; ...2.0878

MECHANISM OF ORGANIC ADSORPTION ON ACTIVATED CARBON ...Adsorption; Color; Color (water); Hydrolysis, Esterification; Organic Matter; Waste Water Treatment -general; ...2.0904

INDUCED AIR MIXING OF LARGE BODIES OF POLLUTED WATER ...Acidity (water); Density; Industrial Wastes; Mathematical Models; Reservoirs and Impoundments; ...2 1031

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Canning Wastes -see Food Proc.; Food Processing Industries; Industrial Wastes; Photometry; Plant Waste Removal, Treatment; Waste Treatment Economics; Water Quality Control -general; ...2.1249

WASTE WATER ODOR REDUCTION MECHANISMS IN SOIL FILTERS ...Cellular Physiology- Env. Eff.; Degradation -see Pesticide Deg. Filtration; Soil Bacteria; Soil Chemical Properties; Soil Filters; Water Quality Control -general; ...2.1447

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Adsorption; Algal Physiology; Colloidal Phenomena; Eutrophication; Gases; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Sewage Bacteria; Waste Water Treatment -general; ...2.1463

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Water Pollution Sources; ...3.0040

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Agricultural Runoff; Farm Animal Wastes; Irrigation; Waste Treatment Economics; Water Pollution Sources; ...3.0060

SPRAY SYSTEM FOR DAILY REMOVAL OF LIQUID COW MANURE ...Agricultural Studies -general; Farm Animal Wastes; Microorganisms -nonspecific; Sprinkler Irrigation; Waste Disposal on Soils; ...3.0099

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics, Biochemical Oxygen Demand; Environment Resistance-animals; Farm Animal Wastes; Nitrogen and Nitrogen Cpds; Phosphorus and Phosphorus Cpds; Sewage Lagoons; Space Requirements; ...3.0132

LIVESTOCK WASTE TREATMENT AND DISPOSAL ...Aeration (water); Anaerobic Wastewater Treatment; Antibiotics -nonspecific; Feces; Noise -see Noise; Sewage Lagoons; Waste Disposal on Soils; ...3.0141

LAGOONS FOR DISPOSAL OF BARN YARD WASTES ...Aeration (water); Bos; Effluents - Waste Water; Farm Animal Wastes; Lagoon; Microorganisms -nonspecific; Sewage Lagoons; ...3.0152

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Color; Disinfection; Farm Animal Wastes; Ion Exchange; Sanitation; Waste Water Treatment -general; ...3.0168

IMPROVE METHODS, EQUIPMENT & FACILITIES FOR HANDLING WASTE MATERIAL FROM LIVESTOCK MARKETS &

FEEDLOT ...Agricultural Runoff; Costs -see Economics Entries; Farm Animal Wastes; Lagoon; Water Costs; ...3.0203

Taxonomy -animal

THE CHIRONOMIDAE OF CALIFORNIA ...Animal Life History Studies; Aquatic Ecology - Animal; California; Contamination - Water; Handbooks; Public Health Ecology; ...1.0376

THE ROLE OF SLUDGE WORMS IN PROMOTING EUTROPHICATION ...Animal Productivity; Bays; Eutrophication; Invertebrate Physiology; Lakes; Sewage; Water Bacteria; ...2.0057

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Taxonomy -plant; Zooplankton; ...2.0245

TAXONOMY AND BIOLOGY OF SLUDGE WORMS ...Annelida; Aquatic Ecology - Animal; Brackish Water; Fresh Water; Water Pollutant Identification; ...2.0507

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Brazil; Florida; Marine Plants; Plant Distribution; Plant Population Dynamics -gen; Protozoa; Taxonomy -plant; Water Quality -general; ...2.0542

TAXONOMY AND PHYSIOLOGY OF PROTOZOA IN CAVE STREAMS AND POOLS ...Animal Distribution; Aquatic Ecology - Animal; Groundwater; Invertebrate Physiology; Optical Properties of Water; Pollution Effects -see Water; Water Pollution Sources; ...2.0600

RESEARCH ON THE MACROBENTHOS OF THE GREAT LAKES ...Annelida; Benthic Fauna; Fish Food Organisms; Lake Erie; Lakes; Population Dynamics -general; Water Pollutant Identification; ...2.0624

ZOOPLANKTON BIOMASS AND INCIPIENT EUTROPHICATION IN LAKE SUPERIOR ...Animal Productivity; Eutrophic Lakes; Eutrophication; Plankton Sampling; Water Quality -general; ...2.0642

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Missouri; Physical Water Properties; Water Quality -general; ...2.0659

BIOLOGICAL MONITORING. ...Animal Habitat Studies; Contamination - Water; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Water Pollutant Identification; ...2.0711

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water); Animal Productivity; Chemical Water Properties; Ohio; Physical Water Properties; River Basins; Systems Analysis - Water Mgmt; Taxonomy -plant; Water Pollutant Identification; ...2.0722

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Aquatic Ecology - Animal; Eutrophic Lakes; Eutrophication; Ohio; Plant Habitat Studies; Reservoirs and Impoundments; Survey Studies (water); Vertical Distribution; ...2.0729

BOTTOM FAUNA COMPOSITION STUDIES ...Aquatic Ecology - Animal, Benthic Fauna; Eutrophication; Micropterus Dolomieui; Physical Control; Virginia; ...2.0833

BIOLOGICAL STREAM SURVEILLANCE ...Benthic Organisms - nonspecific; Bottom Sampling, Ecological Effects; Survey Studies (water); Taxonomy -plant; West Virginia; ...2.0850

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Gastropoda; Mollusca; Physical Water Properties; Water Pollution Sources; ...2.1623

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

NEMATODES ASSOCIATED WITH SEWAGE TREATMENT AND THEIR SIGNIFICANCE ...Animal Pollutant Sources; Nematoda; Sewage; ...3.0108

APPLE INSECTS ...Acaricides -nonspecific; Arachnida; Insecticides -nonspecific; Liquids Or Sprays; Pesticide Evaluation; Population Dynamics -general; ...4.0209

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Azodrin; Compositae; Ericaceae; Pesticide Application Rates; Pesticide Phytotoxicity; Supracide; Temperature - Air; ...4.0332

CHEMICAL CONTROL OF ORCHARD INSECTS ...Acaricides - nonspecific; Arachnida; Dusts; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; ...4.0343

BIOLOGY, ECOLOGY AND CONTROL OF INSECTS IN SHELTERBELTS AND NURSERIES IN THE GREAT PLAINS ...Animal Life History Studies; DDT; Economic Losses (or Benefits); Furadan; Malathion; Oleaceae; Pesticide Phytotoxicity; Population Dynamics -general; Thimet; ...4.0433

BIOLOGICAL CONTROL OF COTTON INSECTS ...Animal Life History Studies; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pest Control Measures; Viruses - Animal; ...4.0552

BIOLOGY AND CONTROL OF ORANGEWORMS ATTACKING CITRUS, WITH REFERENCE TO ORANGE TORTRIX ...Biological Control; DDT; Insects - Beneficial; Pesticide Application Rates; Pesticide Residues; TDE; ...4.0562

BIOLOGY AND CONTROL OF ARTHROPODS ON SOYBEANS ...Aliphatic Carbamates; Arachnida; Biological Control; Insect Resistance; Methomyl; Pesticide Evaluation; Population Dynamics - general; ...4.0843

Taxonomy -plant

AEROBIOLOGICAL SURVEY IN THE NORTHERN ROCKY MOUNTAINS AND PLAINS ...Air Pollution -see Specifics; Biological Organisms; Contamination -see Air & Water, Montana; Pollens -see Air Pollution; Seasonal Distribution; Vertical Distribution; ...1.0070

GEOCHEMICAL SURVEY OF THE VEGETATION OF MISSOURI ...Air Pollution; Air Pollution -see Specifics; Bioindicators; Missouri; Roads & Highways -see Highways; Soil Chemical Properties; Soil Minerals -natural; ...1.0331

DYNAMICS OF ALGAE POPULATIONS IN FARM FISH PONDS ...Algae - Cyanophyta; Algal Pollutant Sources; Farm Pond; Lower Plants; Phytoplankton; Seasonal Distribution; ...2.0001

BLUE-GREEN ALGAE AS A SOURCE OF WATER CONTAMINATION ...Algae - Cyanophyta; Algal Pollutant Sources; Algal Toxins; Arizona; Range Or Territorial Distr.; ...2.0015

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; ...2.0151

ALLEVIATION OF LAKE POLLUTION BY UTILIZATION OF AQUATIC PLANTS FOR NUTRITIONAL, MEDICINAL OR INDUSTRIAL PURPOSES ...Aquatic Plants -nonspecific; Cultural Control; Mammals -nonspecific; Minnesota; ...2.0207

DETERMINATION OF THE STAGES OF EUTROPHICATION OF SOME OF NEW HAMPSHIRES LARGE LAKES PHASE II ...Acidity (water); Animal Productivity; Biological Water Properties; Carbon - 14 Dating; Copper Sulfate; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Pesticide Evaluation; Phytoplankton; Stratification (water); Zooplankton; ...2.0245

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN ...Aquatic Distribution; Environmental Influences; Lower Plants; Phosphorus and Phosphorus Cpds; Phytoplankton; Runoff (water); Water Quality -general; ...2.0274

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Brazil; Florida; Marine Plants; Plant Distribution; Plant Population Dynamics -gen; Protozoa; Water Quality -general; ...2.0542

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; Land Use; New York; Plants - Dicotyledons; Sediment Properties; Water Quality -general; ...2.0687

ECOLOGY OF YEASTS IN LAKE CHAMPLAIN ...Acidity (water); Bioindicator - New York; Plant Freshwater Ecology; Temperature (water); Water Pollutant Identification; ...2.0700

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water); Animal Productivity; Chemical Water Properties; Ohio; Physical Water Properties; River Basins; Systems Analysis - Water Mgmt; Water Pollutant Identification; ...2.0722

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Water Pollutant Identification; ...2.0747

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Chemical Water Properties; Contamination - Water; Growth; Periphyton; Physiological Effects; Plant Habitat Studies; Sewage; Water Pollutant Identification; Water Pollution Sources; ...2.0778

THE MOLECULAR NATURE OF ORGANIC WASTE REMOVAL PATTERNS ...Activated Sludge; Aquatic Fungi -nonspecific; Bacterial Population Surveys; Organic Matter; Process Design; Total Organic Carbon; ...2.0817

BIOLOGICAL STREAM SURVEILLANCE ...Benthic Organisms - nonspecific; Bottom Sampling; Ecological Effects; Survey Studies (water); West Virginia; ...2.0850

INVESTIGATIONS OF ZOOGLOEAL FLOCS ...Bacterial Classification; Bacterial Identification; Flocculation; Model Studies; Waste Water Treatment -general; ...2.1461

MICROBIOLOGICAL INVESTIGATIONS ...Algal Pollutant Sources; Construction Materials; Corrosion, Deterioration; Fungal Pollutant Sources; Microorganisms -nonspecific; Water Pollution Sources; ...2.1511

AN ECOLOGICAL STUDY OF THE PATUXENT ESTUARY ...Amphibious Plants; Electric Power Plants; Gramineae; Induced Temperature; Physiological Effects; Thermal Pollution; Zizanieae; ...2.1573

PHYSIOLOGY AND ECOLOGY OF MARINE DIATOMS ...Biological Effects; Diatoms (see Also Algae); Marine Plants; Phytoplankton; Salinity; ...2.1767

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation - see Pesticide Deg; Lake Champlain; Nutrients; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Sediments; Water Bacteria; ...4.0072

GENETICS OF CANDIDA ALBICANS - NUTRITIONAL MUTAGENESIS AND COMPARATIVE SUSCEPTIBILITY TO ULTRAVIOLET IRRADIATION ...Candida; Cellular Repair Mechanisms; Evolution; Hansenula; Physical Mutagenesis; Radiation; ...5.0335

Technology - Social Impact

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Chemical Composition; Core Analysis; Energy Conversion; Glaciology; Ion Exchange; Particulates - Air Pollution; ...1.0073

MEASURING PERFORMANCE IN PUBLIC PROGRAMS ...Air Pollution; Cost-benefit Analysis; Economic Projections- Forecast; Public Health; Water Quality -general; ...1.0442

FOR SEMINARS AND STUDIES ON ENVIRONMENTAL ARTS AND SCIENCES, POPULATION GROWTH, URBANIZATION, POLLUTION, AND RELATED SUBJECTS ...Air Pollution -see Specifics; Environment; Environmental Geology; Urban Research; Water Quality -general; ...1.0478

COLLOQUIUM OF INTERNATIONAL AIR POLLUTION SCIENTISTS ...Air Pollution; Air Pollution -see Specifics; Meetings; ...1.0496

INTEGRATED URBAN UTILITY SYSTEMS ...Energy Conversion; Public Utilities; Urban Research; Water Supply -general; ...2.0428

IMPACT OF CHANGES IN TECHNOLOGY ON WATER USE ...Agricultural Economics; Consumptive Use (water); Government -see Federal Gov.; Water Costs; Water Standards & Baselines; ...2.1219

THERMAL WATER DEMONSTRATION PROJECT ...Agricultural Studies -general; Benefit-cost Analysis; Heat Recovery, Industrial; Pilot Plants; Thermal Pollution; Water Utilization -animal; Welfare Economics; ...2.1389

ENVIRONMENT AND TECHNOLOGY ASSESSMENT ...Aquatic Soils; Costs -see Economics Entries; Government -see Federal Gov.; Social Aspects; Thermal Pollution; Water Pollution -see Specifics; ...2.1812

A STUDY OF POTENTIAL INSTITUTIONAL ARRANGEMENTS FOR WATER POLLUTION CONTROL IN THE HUDSON-MOHAWK RIVER BASIN ...Administration and Management; Government -see Federal Gov.; Hudson River; Organizational Research; River Basins; Water Quality -general; Water Resources Development; ...2.1878

COMPILATION OF READINGS AND CASE MATERIALS ON TECHNOLOGY ASSESSMENT ...Air Pollution -see Specifics; Demography; Government -see Federal Gov.; Noise; Public Health; Solid Waste; Water Pollution -see Specifics; ...3.0048

EXPERT, AD HOC COMMITTEES AS A SOURCE OF TECHNICAL ADVICE - DOCTORAL DISSERTATION RESEARCH ...Committee Support; Consumer Attitudes- Pesticides; Pesticide Usage History; Pesticides -nonspecific; Scientists & Engineers; ...4.1135

Tectonics

INFRARED STUDIES IN ICELAND ...Aircraft Remote Sensing; Faults - Geology; Iceland; Infrared Radiation; Marine Geology; Seismology; ...1.0039

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Aerosols; Air Pollution Effects; Atmospheric Dynamics; Energy-radiation; Heat Balance - Budget; Parametric Statistics; Visibility; ...1.0409

POLARIZATION OF E.M. RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Air Pollution-chemistry; Effects; Light Visible Specroscopy; Polarography; Ultraviolet Spectroscopy; ...1.0865

SOIL ENGINEERING RESEARCH ...California; Environmental Hazards; San Francisco Bay; Soil Loads; ...2.0039

ENGINEERING GEOLOGY RECONNAISSANCE STUDIES OF COASTAL COMMUNITIES, ALASKA ...Alaska; Environmental Hazards; Harbors; Marine Geology; Mass Wasting, Geological; Seismology; Waves -see Ocean Waves; ...2.0065

SAN FRANCISCO BAY SEDIMENTS ENGINEERING GEOLOGY STUDIES, CALIFORNIA ...California; Engineering Geology; Mineralogical Properties; Rock Mechanics - Geology; Rocks - Bedrock; Sediment Thickness; Tectonic History - Mountains; Unconsolidated Deposits; ...2.0069

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Weathering Products; ...2.0308

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Baseflow; Fresh Water; Groundwater Basins; Permian Period; Saline Water Intrusion; Seepage (water); Water Pollution Sources; ...2.0376

SEISMOLOGICAL STUDIES - SANTA BARBARA ...California; Channels; Faults - Geology; Petroleum Wastes - Spillage; Recovery - Production; Seismology; ...2.0498

GEOCHRONOLOGY, C-14 METHOD ...Carbon - 14 Dating; Groundwater; Paleoclimatology; Sea Level Changes; ...2.0534

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Coastlines - Shorelines; Economics of Natural Resources; Lake Superior; Recreation, Outdoor; Regional Economics; Solid Waste; Water Quality Control -general; ...2.1937

AMCHITKA GEOLOGIC INVESTIGATIONS ...Alaska; Geologic Maps; Marine Geology; Seismology; Structural Analysis - Geology; ...5.0204

Temperate Climates

A QUANTITATIVE ANALYSIS OF LANDSCAPE ESTHETICS, WITH SPECIAL REFERENCE TO STREAM AND VALLEY SYSTEMS AND RELATED WATER AND LAND RESOURCES ...Indiana; Landscaping; Social Aspects; Water Quality -general; Water Resources Development; Water Utilization -domestic; Wild Rivers; ...2.1829

Temperature (water)

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS

...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Tundra; Water Yield; ...2.0013

RADIONUCLIDE METABOLISM IN AQUATIC ANIMALS ...Animal Habitat Studies; Clams; Crayfish; Invertebrate Physiology; Marine Animals; Radiation Effects - Biological; Radioisotopes -nonspecific; ...2.0036

EFFECT OF COPPER SULFATE ON AQUATIC WEEDS ...Alkalinity (water); Canals; Copper Sulfate; Irrigation; Pesticide Application Rates; Pesticide Formulation; Water Pollution Sources; ...2.0060

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Biological Water Properties; Chemical Water Properties; Chlorine; Drainage; Fertilizers; Irrigation; Mineralogical Water Properties; Soil Chemical Properties; Water Quality -general; ...2.0120

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Eutrophication; Indiana; Lakes; Organic Properties; Synoptic Weather Observations; Temperature - Air; Vertical Distribution; Water Stratification; ...2.0137

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control - general; ...2.0166

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries, Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Water; Wisconsin; ...2.0189

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Animal Productivity; Aquatic Ecology - Animal; Cesium; Copper; Invertebrate Physiology; Phosphorus; Potassium; Zinc; ...2.0201

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Algal Physiology; Environmental Influences; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Phytoplankton; ...2.0263

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Animal Behavioral Ecology; Atomic Plants; Contamination - Water; Ecological Effects; Environmental Ecology; Lakes; Population Dynamics -general; Thermal Pollution; ...2.0305

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Bioassays; Contamination - Water; Environmental Physiology; Fish; Reactor Sites & Rad Waste; ...2.0306

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

STUDIES ON EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Chemical Water Properties; Forest Cutting Operations; Forest Watersheds; Optical Properties of Water; Periphyton; Primary Productivity - Plants; Suspension; ...2.0321

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply -general; ...2.0322

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Contamination - Water; Data Acquisition; Fish; Marine Pollution; Oregon; Pollution Effects -see Water; Salinity (water); ...2.0335

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Energy Conversion; Heat Recovery, Industrial; Nuclear Power; Plant Freshwater Ecology; Public Utilities; Social Aspects; Thermal Pollution; ...2.0352

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Chlorine; Forecasting - Prediction; Lakes; Mineralogical Water Properties; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; Water Pollution Sources; ...2.0359

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algae -nonspecific; Algal Physiology; Environmental Influences; Eutrophication; Lake Stages; Physical Control; Stratification (water); Washington; Water Supply Augmentation; ...2.0429

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS ...Biological Water Properties; Circulation (water); Eutrophication; Fish Food Organisms; Nutrients; Phytoplankton; Water Bacteria; Wisconsin; ...2.0443

PROVISIONAL ALGAL ASSAY PROCEDURES ...Algae -nonspecific; Bioassays; Eutrophication; Primary Productivity - Plants; Water Pollutant Identification; ...2.0487

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ...Aircraft Remote Sensing; Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Infrared Radiation; Mapping; Survey Studies (water); Thermal Pollution; ...2.0524

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

TAXONOMY AND PHYSIOLOGY OF PROTOZOA IN CAVE STREAMS AND POOLS ...Animal Distribution; Aquatic Ecology - Animal; Groundwater; Invertebrate Physiology; Optical Properties of Water; Pollution Effects -see Water; Taxonomy -animal; Water Pollution Sources; ...2.0600

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Zooplankton; ...2.0609

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Cyprinodontidae; Mineralogical Water Properties; Water Pollution Effects; ...2.0613

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Contamination - Water; Cyprinodontidae; Environmental Physiology; Toxic Substances; Toxicology; Water Pollution - see Specifics; Water Pollution Effects; ...2.0614

SPECIAL TEMPERATURE SURVEY OF RIVER AND ESTUARINE AREAS IN RELATION TO THERMAL POLLUTION AND FISHERY PROBLEMS ...Cooperative Studies; Energy Conversion; Estuaries; Infrared Radiation; Thermal Pollution; ...2.0673

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ...Acidity (water); Aquatic Soils; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; New Jersey; Plant Distribution; ...2.0674

ECOLOGY OF YEASTS IN LAKE CHAMPLAIN ...Acidity (water); Bioindicators; New York; Plant Freshwater Ecology; Water Pollutant Identification; ...2.0700

AN IMPROVED TEMPERATURE PREDICTION MODEL FOR SMALL STREAMS ...Forecasting - Prediction; Model Studies,

Models of Biological Systems; Oregon; Pulp and Paper Wastes; Water Standards & Baselines; ...2.0740

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water), Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

THE INSECT ORDER PLECOPTERA AS A BIOLOGICAL INDEX OF FRESH WATER QUALITY ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fresh Water; Organic Water Properties; Rhode Island; Water Pollutant Identification; ...2.0771

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Aquatic Ecology - Animal; Contamination - Water; Ecological Effects; Fish; Pollution Effects -see Water; Reactor Sites & Rad Waste; Survey Studies (water); Thermal Pollution; ...2.0800

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Animal Life History Studies; Bays; Contamination - Water; Engineering Structures-general; Estuaries; Fish and Shellfish; Physiological Effects; Water Quality -general; ...2.0846

HYDROLOGY OF CACHUMA RESERVOIR ...Aeration (water); California; Oxygen Content (water); Plant Population Dynamics - gen; Soil Tillage; Taste & Odor of Water; Water Quality -general; Water Utilization -domestic; ...2.0878

INFLUENCE OF SEDIMENTATION UPON THE PRODUCTION OF GAME FISHES ...Animal Productivity; Ecological Effects; Fish Food Organisms; Pollution Effects -see Water; Sediment Yield; Sediments; Turbidity (water); ...2.0881

STUDY OF ASSIMILATIVE CAPACITY OF ARCTIC AND SUBARCTIC STREAMS ...Animal Habitat Studies; Degradation -see Pesticide Deg; Optical Properties of Water; Plant Habitat Studies; Sub - Polar Regions; Water Pollution Effects; ...2.0959

DETERMINATION OF THE FEASIBILITY OF REMOVAL OF ALGAL NUTRIENTS IN LAKE WATERS BY ION-EXCHANGE ...Acidity (water); Circulation (water); Eutrophication; Ion Exchange; Massachusetts; Nutrients; Water Chemistry; ...2.1040

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

DIATOM REMOVAL BY FLOCCULATION ...Algal Pollutant Sources; Contamination - Water; Flocculation; Oxidation; Pollutant Removal; ...2.1251

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Aquatic Ecology - Animal; Chemical Measurements (water); Chlorination; Effluents - Waste Water; Physical Water Properties; Pollution Effects -see Water; Protozoa; ...2.1262

THERMAL WATER DEMONSTRATION PROJECT ...Agricultural Studies -general; Benefit-cost Analysis; Heat Recovery, Industrial; Pilot Plants; Technology - Social Impact; Thermal Pollution; Water Utilization -animal; Welfare Economics; ...2.1389

POSSIBLE EFFECTS OF CRUDE OIL ON AQUATIC ORGANISMS ...Alaska; Environmental Physiology; Marine Animals; Petroleum Wastes - Spillage; Pollution Effects -see Water; ...2.1477

RELATIONSHIPS BETWEEN LOGGING ACTIVITIES AND SALMON PRODUCTION ...Aquatic Ecology - Animal; Circulation (water); Environmental Ecology; Sediments; Spawn Or Nesting Sites; ...2.1478

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; ...2.1479

EFFECTS OF WATER DIVERSION ON BIOTA AND WATER QUALITY IN THE STATE OF ARKANSAS ...Animal Productivity; Aquatic Ecology - Animal; Chemical Water Properties; Eutrophication; Physical Water Properties; Population Dynamics - general; Vertebrate Anatomy; ...2.1482

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ...Aquaria; Industrial Wastes; Mining Industry; Physiological Effects; Salinity (water); Temperature; Turbidity; Water Pollution Effects; ...2.1487

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Biological Water Properties; Circulation (water); Ecological Effects; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plant Freshwater Ecology; Soil Tillage; Water Properties -general; ...2.1494

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Core Analysis; Fish and Shellfish; Lumbering -general; Pulp and Paper Wastes; Sedimentation; Water Pollution Effects; ...2.1496

EFFECTS OF ALTERNATE BLOCK CUTTING ON STREAMBED SEDIMENTATION & WATER TEMPERATURES IN BUMMER LAKE CREEK, DEL NORTE COUNTY, CALIFORNIA ...Animal Habitat Studies; California; Fish and Shellfish; Forest Watersheds; Lumbering -general; Salmonidae; ...2.1497

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bullheads; Ecological Effects; Environmental Physiology; Marine Animals; Osteichthyes -other; Population Dynamics -general; Temperature Stress; ...2.1498

EFFECTS OF NUTRIENTS AND POLLUTANTS ON THE GROWTH OF MARINE PHYTOPLANKTON ...Algal Physiology; Marine Biology - General; Marine Pollution; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pacific Ocean; ...2.1499

WATER TEMPERATURE AS A QUALITY FACTOR IN THE USE OF STREAMS AND RESERVOIRS ...Animal Habitat Studies; Dispersion (water); Meteorological Studies; Thermal Pollution; Water Pollution Sources; ...2.1514

BEHAVIOR PATTERN OF SHAD IN THE VICINITY OF A HEATED EFFLUENT DURING A NO-HEAT PERIOD ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Electric Power Plants; Tags; ...2.1515

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Contamination - Water; Environmental Ecology; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Pesticides -nonspecific; Spawn Or Nesting Sites; ...2.1516

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ...Acidity (water); Captive Rearing; Contamination - Water; Environmental Influences; Fish Food Organisms; Mollusca; Pesticide Toxicity to Microorg; Pollution Effects -see Water; Water Pollution Sources; ...2.1517

EFFECTS OF SIMULTANEOUS VARIATIONS OF DIEL CHANGES OF TEMPERATURE, DISSOLVED OXYGEN, SALINITY & A POLLUTANT ON THE GROWTH OF WHITE PERCH ...Contamination - Water; Environmental Physiology; Physiological Effects; Salinity (water); ...2.1520

ENVIRONMENTAL CONTROL SYSTEM FOR OYSTER FARMING ...Chemical Measurements (water); Circulation (water); Delaware; Nutrient Studies -animal; Salinity (water); Spawning & Nesting Sites; ...2.1521

COLUMBIA RIVER THERMAL EFFECTS STUDY ...Aquatic Ecology - Animal; Columbia River; Environment Resistance-animals; Fish; Forecasting - Prediction; Model Studies; Thermal Pollution; ...2.1523

SYNERGISTIC EFFECTS OF SUB-LETHAL POLLUTION ON THE DEVELOPMENT OF SELECTED WARM-TEMPERATE AND SUB-TROPICAL FISHES AND CRUSTACEANS ...Captive Rearing; Contamination - Water; Fish; Salinity (water); ...2.1524

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

BIOLOGICALLY ALLOWABLE THERMAL POLLUTION LIMITS - A PHYSICO-CHEMICAL APPROACH ...Environmental Ecology; Literature Search; Thermal Pollution; ...2.1529

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Induced Temperature; Marine Plants, Population Dynamics -general; Thermal Pollution; ...2.1532

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Tropical Regions; ...2.1538

THE EFFECTS OF THERMAL LOADING ON THE HAWAIIAN MARINE BIOTA ...Animal Life History Studies; Ecological Effects; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Temperature; Thermal Pollution; ...2.1539

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Environmental Ecology; Insects - Beneficial; Lumbering -general; Ponds; Range Or Territorial Distr.; ...2.1543

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; ...2.1545

GREAT LAKES ECOLOGY STUDY ...Aquatic Ecology - Animal; Chemical Analysis (water); Ecological Effects; Environmental Ecology; Lakes; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1546

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Fish; Induced Temperature; Oxygen Content (water); Plankton; Turbidity (water); Turbines; ...2.1552

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Biochemical Analysis - Tissues; Ecological Effects; Energy Conversion; Environmental Physiology; Pollution Effects -see Water; Thermal Pollution; Water Pollutant Identification; ...2.1553

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silvex; ...2.1566

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Atomic Plants; Embryology -basic; Estuaries; Invertebrate Physiology; Marine Animals; Population Dynamics -general; ...2.1567

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Benthic Fauna; Energy Conversion; Estuaries; Fish & Shellfish Biology; Maine; Physical Water Properties; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1568

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1575

THE THERMAL REQUIREMENTS AND TOLERANCE OF KEY ESTUARINE ORGANISMS ...Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Salinity (water); Thermal Pollution; ...2.1576

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Animal Productivity; Aquatic Soils; Environmental Changes; Fish; Lakes; Nutrient Studies -animal; Population Dynamics -general; Water Analysis; ...2.1587

EFFECT OF WATER TEMPERATURE AND/OR DISSOLVED OXYGEN REQUIREMENTS ON SELECTED MOLLUSKS ...Aquatic Ecology - Animal; Environment Resistance-animals; Gastropoda; Invertebrate Physiology; Thermal Pollution; ...2.1589

MONITOR FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ON LAKE MICHIGAN ...Aquatic Ecology - Animal; Contamination - Water; Fish; Michigan; Physical Effects; ...2.1595

MONITORING FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ...Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Lake Michigan; Nets; Salmonidae; Thermal Pollution; ...2.1596

CONTROLLED TEMPERATURE REGIMES IN OUTDOOR EXPERIMENTAL PONDS ...Aquatic Ecology - Animal; Energy Conversion; Heat Flow (water); Minnesota; ...2.1600

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST. CROIX (ABBREV) ...Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Fishing; Loss Damages - Recreation; Population Dynamics -general; Water Pollution Effects; ...2.1603

EFFECT OF WATER POLLUTANTS AND WATER QUALITY ON EARLY LIFE HISTORY AND POPULATION DYNAMICS OF MINNESOTA FISHES ...Animal Life History Studies; Contamination - Water; Fish Food Organisms; Minnesota; Pollution Effects -see Water; Pulp and Paper Wastes; ...2.1606

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Ecological Effects; Environment Resistance-animals; Heat Recovery, Industrial; Photosynthesis; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Creel Census; Environment; Fish; Lakes; Performance; Power Reservoirs; Temperature - Air; User Patterns; ...2.1620

THE FISHERY OF THOMAS HILL RESERVOIR ...Biological Effects; Electric Power Plants; Energy Conversion; Esocidae; Power Reservoirs; Stocking of Fish & Shellfish; Thermal Pollution; ...2.1621

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Atomic Plants; Biological Water Properties; Chemical Water Properties; Energy Conversion; Fish; Missouri River; ...2.1633

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Aquatic Ecology - Animal; Electro-fishing; Ictalurus Punctatus; Nets; ...2.1634

EFFECTS OF TEMPERATURE ON THE BEHAVIOR OF ADULT ATLANTIC MACKEREL ...Behavior -vertebrate; Biological Rhythms; Environmental Physiology; Marine Animals; Photoperiod; Pomatomidae; Scombridae; ...2.1637

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bays; Ecological Effects; Energy Conversion; Invertebrate Physiology; Long Island Sound; Mollusca; Population Dynamics - general; Zooplankton; ...2.1638

EFFECTS OF THERMAL AND OTHER FORMS OF POLLUTION ON SOME ANADROMOUS FISHES ...Aquatic Ecology - Animal; Environment Resistance-animals; Fresh Water; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Salinity (water); Thermal Pollution; ...2.1641

ENVIRONMENTAL FACTORS AFFECTING FISHERIES ...Circulation (water); Clupeidae; Delaware River; Environment Resistance-animals; Osteichthyes -other; Pleuronectidae; Spawning & Nesting Sites; ...2.1642

PHYSIOLOGICAL ADAPTATION OF TWO SPECIES OF FISHES, FUNDULUS HETEROCLITUS AND SALMO GAIRDNERI, TO ALTERED WATER QUALITY PARAMETERS ...Contamination - Water; Environmental Physiology; Optical Properties of Water, Salinity (water); Salmo Gairdneri; Vertebrate Anatomy; ...2.1647

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Water Pollutant Identification; Zinc; ...2.1648

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology

- Animal; Embryology -basic; Environmental Physiology; Fish Food Supply -other; Micropterus Salmoides; Water Pollution Effects; Water Quality -general; ...2.1649

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER ...Aquaria; Captive Rearing; Energy Conversion; Fish Farming; Marine Animals; New York; Water Utilization -animal; ...2.1653

EFFECT OF INCREASED TEMPERATURE ON CELL PROLIFERATION KINETICS OF THE GOLDFISH ...Carassius Auratus; Environmental Physiology; ...2.1654

TEMPERATURE AND LENGTH OF LIFE IN THE ANNUAL FISH, NOTHOBRANCHIUS GUENTHERI ...Environmental Physiology; Osteichthyes -other; Temperature & Humidity Effects; ...2.1655

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water); Channels; Contamination - Water; Ecological Effects; Organic Matter; Plant Freshwater Ecology; Primary Productivity - Plants; Sewage Treatment Plant; Thermal Pollution; ...2.1658

A COMPARATIVE STUDY OF THE RESPONSES OF THE AQUATIC WEEDS, ZANNICHELLIA PALUSTRIS & RUPPIA MARITIMA, TO DIFFERENT TEMPERATURES AND SALINITIES ...Amphibious Plants; Forecasting - Prediction; Marine Plants; Potamogetonaceae; Water Pollution Effects; ...2.1659

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; ...2.1661

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Water Pollution Sources; ...2.1662

PARASITES OF FRESH-WATER FISHES IN NORTH CAROLINA ...Animal Life History Studies; Annelida; Copepoda; Lakes; Nets; Ponds; ...2.1663

FISH OPERCULAR RESPONSE TO ENVIRONMENTAL VARIABLES ...Animal Life History Studies; Aquatic Ecology - Animal; Carassius Auratus; Environmental Physiology; Minnows; Water Quality -general; ...2.1668

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Data Reduction and Analysis; Environmental Ecology; Eutrophication; Lake Erie; Plankton; Spawning & Nesting Sites; Stizostedion Vitreum Vitreum; Water Temperature Recorders; ...2.1672

CONTROLLING THERMAL POLLUTION IN SMALL STREAMS ...Energy Budgets; Flow Characteristics (water); Induced Temperature; Lumbering -general; Model Studies; Pulp and Paper Wastes; Thermal Pollution; ...2.1677

IMMEDIATE EFFECTS OF LOGGING ON THE FRESHWATER ENVIRONMENT OF SALMONIDS ...Acidity (water); Circulation (water); Forest Debris; Lumbering -general; Population Dynamics -general; Salmonidae; ...2.1681

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); ...2.1684

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Copepoda; Environmental Ecology; Fish; Marine Animals; Mollusca; Population Dynamics - general; Salinity (water); Thermal Properties; ...2.1693

CHEMICAL RESPONSES BY MARINE ORGANISMS TO STRESS ...Animal Interrelationships -gen; Clams; Environment Resistance-animals; Hippolyte; Marine Animals, Marine Pollution; ...2.1694

EFFECTS OF ELEVATED TEMPERATURE ON SPAWNING AND DEVELOPMENT OF FISHES ...Animal Productivity; Embryology -basic; Photoperiod; Salinity (water); Sparidae; ...2.1698

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants; Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies; Atomic Plants; Effluents - Waste Water; Environmental Physiology; Invertebrate Physiology; Nuclear Reactors; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1708

EFFECTS OF TEMPERATURE ON AQUATIC LIFE ...Animal Productivity; Channels; Fish; Model Studies; ...2.1712

EVALUATION OF FACTORS AFFECTING SPAWNING OF DALE HOLLOW WHITE BASS ...Aquatic Ecology - Animal; Environmental Physiology; Mining Industry; Pollution Effects -see Water; Spawn Or Nesting Sites; ...2.1714

HIGH ANALYSIS FERTILIZER INVESTIGATIONS - FISHERIES ...Aquatic Ecology - Animal; Depth (water); Fertilizers -aquatic; Nutrients; Tennessee; ...2.1718

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Water Pollution Sources; Zinc; ...2.1720

THE DISTRIBUTION AND DENSITY OF MACROBENTHOS IN LAKE ARLINGTON, TEXAS ...Animal Succession; Arthropods; Ecological Effects; Lakes; Range Or Territorial Distr.; Texas; ...2.1724

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Water Quality -general; ...2.1725

HEAVY METALS AND LOCOMOTION IN FISH ...Behavior -vertebrate; Data Processing Services; Fish; Mineralogical Water Properties; Zinc; ...2.1730

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; Tracers; ...2.1731

STUDY OF TEMPERATURE EFFECTS IN COOLING WATER BODIES ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Bays; Ecological Effects; Lakes; Plant Freshwater Ecology; Thermal Pollution; ...2.1734

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Water Cycle; Water Pollution Sources; ...2.1752

FINE STRUCTURAL EFFECTS OF TEMPERATURE IN FISH ...Cellular Biosynthesis; Environmental Physiology; Salmonidae; ...2.1753

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Conflicts; Ecological Effects; Electric Power Plants; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...2.1755

EFFECTS OF MODIFICATIONS ON THE COLUMBIA RIVER ...Animal Productivity, Benthic Fauna; Commercial Fishing; Electric Power Plants; Environmental Ecology; Salmo Gairdneri; Thermal Pollution; ...2.1758

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT ...Animal Productivity; Clams; Contamination - Water; Electric Power Plants; Environment Resistance-animals; Fish and Shellfish; Heat Recovery, Industrial; Ostreidae (oyster); ...2.1762

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Water Properties -general; ...2.1763

EFFECT OF ENVIRONMENTAL POLLUTION ON FISH DISEASES - EFFECT OF HEAT STRESS ON DISEASE RESISTANCE MECHANISMS IN SALMONID FISHES ...Animal Migration; Contamination - Water; Oncorhynchus; Pathology; Salmo Gairdneri; ...2.1764

ECOLOGICAL RESPONSES OF FISHES AND FISH-FOOD ORGANISMS TO HEATED EFFLUENT - CASE STUDY OF LAKE MONONA, WISCONSIN ...Animal Predation; Electric Power Plants; Environmental Ecology; Lepisosteidae; Thermal Pollution; ...2.1780

THE AQUATIC ENVIRONMENT AND ELECTRICAL POWER GENERATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Ecological Effects; Energy Conversion; Great Lakes -see Specific Lake; Reactor Sites & Rad Waste; ...2.1781

PHYSIOLOGICAL RESPONSES TO THERMAL POLLUTION ...Contamination - Water; Cyprinus Carpio; Energy Conversion, Environmental Physiology; Physiological Effects; Thermal Pollution; Urine; ...2.1782

PHYSIOLOGICAL EFFECTS OF THERMAL POLLUTION ON TROUT ...Contamination - Water; Environmental Physiology; Physiological Effects; Salmonidae; Thermal Pollution; ...2.1784

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources; Aquatic Soils; Growth; Haloragaceae; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Photoperiodism; Plant Tissue Analysis -chem.; ...4.0053

GROSS EFFECTS OF HEXADECANOL AND PLASTIC SHEET BOTTOMS ON AQUATIC LIFE IN PONDS ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Linings - Pavings; Physical Water Properties; Ponds; Water Quality -general; ...4.0054

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Contamination - Water; Estuaries; Laboratory Animals; Pesticide Interaction With Env; Pesticides -nonspecific; Physiological Effects; Water Quality -general; ...4.0544

STUDIES ON THE ECOLOGICAL PHYSIOLOGY OF MID-WATER CRUSTACEANS ...Carbon; Crustacea; Invertebrate Physiology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Vertical Distribution; ...4.0570

EFFECTS OF DISSOLVED OXYGEN, TEMPERATURE AND POTENTIAL TOXICANTS UPON MACROINVERTEBRATES (NON-ARTHROPODS) ...Animal Productivity; Aquatic Ecology - Animal; Clams; Gastropoda; Invertebrate Physiology; ...4.0680

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FRESH-WATER FISHES TO THREE TOXICANTS ...Abate; Bioassay; Chlordan; Ictaluridae; Salmonidae; ...4.0711

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES, FY 1971 (ABBREV.) ...Bioassay; Cyprinidae; Genetic Resistance; Ictaluridae; Salmonidae; ...4.0712

SCREENING OF PESTICIDES AGAINST FRESHWATER FISHES, FY 1971 ...Animal Resistance; Bioassay; Environmental Ecology; Fish; Pesticides -nonspecific; ...4.0713

INVESTIGATION OF STRESS-INDUCED MOBILIZATION OF INSECTICIDE RESIDUES - CHRONIC TOXICITY OF PESTICIDES TO FISH ...Chemical Analysis; DDT; Dieldrin; Fish; Laboratory Animals; Pesticide Action on Animals; ...4.0714

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; Pesticides -nonspecific; Plant Freshwater Ecology; Water Quality -general; ...4.0716

EFFECTS OF PARATHION AND MALATHION ON WARM-WATER FISH PONDS ...Aquatic Ecology - Animal; Ictalurus Punctatus; Malathion; Pesticide Action on Animals; Pesticides - see Pesticide; ...4.0717

CHRONIC TOXICITY OF PESTICIDES TO FRESHWATER FISHES ...Fish; Pesticide Action on Animals; Pesticides -nonspecific; ...4.0719

TOXICITY OF POLYCHLOROBIPHENYL (PCB) COMPOUNDS TO FRESHWATER INVERTEBRATES ...Bioassay; Circulation (water); Invertebrates -nonspecific; Pesticide Toxicity in Animals; ...4.0735

STATIC BIOASSAY OF PESTICIDES USING FRESHWATER INVERTEBRATES TO OBTAIN PRELIMINARY ACUTE TOXICITY ESTIMATES (ABBREV.) ...Bioassay; Invertebrates -nonspecific; Laboratory Animals; Pesticide Tolerance Rate; Pesticides -nonspecific; ...4.0736

CONTINUOUS-FLOW BIOASSAY OF PESTICIDES TO EVALUATE THE ACUTE AND CHRONIC EFFECTS OF PESTICIDES TO FRESHWATER INVERTEBRATES (ABBREV.) ...Invertebrate Physiology; Laboratory Animals; Pesticide Tolerance Rate; Pesticides -nonspecific; Physiological Effects; ...4.0737

MULTIPLE EXPOSURES OF ABATE TO BLUEGILL, LEPOMIS MACROCHIRUS, AND INVERTEBRATES IN WARM-WATER PONDS ...Abate; Contamination - Water; Invertebrates -nonspecific; Pesticide Action on Animals; ...4.0741

THE EFFECTIVENESS OF MCN-JR-7464 AS AN ANESTHETIC FOR SELECTED SPECIES OF FISH (ABBREV) ...Animal Pharmacology; Fish; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Action on Animals; Pesticide Formulation; Salmo Trutta; ...4.0906

CHRONIC TOXICITY OF INSECTICIDES TO COLD-WATER FISH ...Animal Resistance; Contamination - Water; Fish; Insecticides -nonspecific; Pesticide Action on Animals; ...4.0919

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silvex; Water Quality Control -general; ...4.0939

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; ...4.0940

ECOLOGICAL AND RADIO-ECOLOGICAL INVESTIGATIONS AT THE AEC SAVANNAH RIVER PLANT ...Amphibians; Animal Migration; Aquatic Ecology - Animal; Energy Budgets; Mammals -nonspecific; Radiation Effects - Biological; Reptiles; ...5.0360

ENVIRONMENTAL INTERACTIONS ...Algae -nonspecific; Animal Succession; Dose Rate, Dose Fractionation; Invertebrate Physiology; Invertebrates; Salinity (water); X and Gamma Rays; ...5.0540

COLUMBIA RIVER STUDIES, 1970-1971 ...Atomic Plants; Columbia River; Energy Conversion; Ionizing Radiation -see Rad.; Ostreidae (oyster); Pollution Effects -see Water; Water Pollution Sources; Zinc; ...5.0762

EFFECTS OF IRRADIATION, TEMPERATURE AND OTHER ENVIRONMENTAL FACTORS ON SALMONID EMBRYOS ...Embryology -basic; Optical Properties of Water; Radiation Effects - Biological; X and Gamma Rays; ...5.0763

Freezing & Below

STUDY OF ASSIMILATIVE CAPACITY OF ARCTIC AND SUB-ARCTIC STREAMS ...Animal Habitat Studies; Degradation -see Pesticide Deg; Optical Properties of Water; Plant Habitat Studies; Sub - Polar Regions; Water Pollution Effects; ...2.0959

High Temp. - 85f Or Above

TEMPERATURE DISTRIBUTION IN THE VICINITY OF WASTE HEAT DISCHARGES ...Electric Power Plants; Energy Conversion; Forecasting - Prediction; Mathematical Models; Stratification (water); Thermal Pollution; ...2.1096

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Conflicts; Ecological Effects; Electric Power Plants; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...2.1755

Induced Temperature

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Energy Conversion; Heat Recovery, Industrial; Nuclear Power; Plant Freshwater Ecology; Public Utilities; Social Aspects; Thermal Pollution; ...2.0352

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Chlorine; Forecasting - Prediction; Lakes; Mineralogical Water Properties; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; Water Pollution Sources; ...2.0359

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS ...Biological Water Properties; Circulation (water); Eutrophication; Fish Food Organisms; Nutrients; Phytoplankton; Water Bacteria; Wisconsin; ...2.0443

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

PHARMACEUTICALS RESEARCH ...Animal Productivity; Coelenterata; Invertebrate Physiology; Sphyraenidae; Toxicology; ...2.1528

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Marine Plants; Population Dynamics -general; Thermal Pollution; ...2.1532

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Fish; Oxygen Content (water); Plankton; Temperature (water); Turbidity (water); Turbines; ...2.1552

AN ECOLOGICAL STUDY OF THE PATUXENT ESTUARY ...Amphibious Plants; Electric Power Plants; Gramineae; Physiological Effects; Thermal Pollution; Zizaniaee; ...2.1573

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality - general; ...2.1575

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution - see Specifics; Computer Methods -general; Energy Budgets; Metabolism and Biochemistry; Plant Competition; Plant Physiological Ecology; Plant Response to Env. -ns; Temperature - Internal; Water Utilization -plant; ...2.1629

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

RESPONSE OF NATURAL PHYTOPLANKTON POPULATIONS TO THERMAL SHOCK ...Carbon; Electric Power Plants; Environmental Aspects; Phytoplankton; Primary Productivity - Plants; Thermal Pollution; ...2.1657

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

CONTROLLING THERMAL POLLUTION IN SMALL STREAMS ...Energy Budgets; Flow Characteristics (water); Lumbering - general; Model Studies; Pulp and Paper Wastes; Temperature (water); Thermal Pollution; ...2.1677

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology; Degradation -see Pesticide Deg; Energy Conversion; Fish; Heat Recovery, Industrial; Organic Water Properties; Phytoplankton; Primary Productivity - Plants; ...2.1736

THE EFFECTS OF HEATED WASTE WATERS UPON MICROBIAL COMMUNITIES ...Algae -nonspecific; Ecological Effects; Energy Conversion; Management (water); Protozoa; ...2.1743

MICRO-ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER ...Acid Mine Drainage; Acidity (water); Forecasting - Prediction; Lower Plants; Phytoplankton; Primary Productivity - Plants; Thermal Pollution; ...2.1772

Low Temp. - But Above 32f

THE MECHANISMS OF WASTE WATER TREATMENT AT LOW TEMPERATURE ...Bacterial Identification; Cellular Catabolism-see Degrad; Colorado; Hypothermal; Microorganisms -nonspecific; Waste Water Degradation; Waste Water Treatment - general; ...2.1202

Warm Temperature -natural

WATER COLUMN TESTING OF FERTILIZERS ...Chemical Analysis (water); Fish; Lakes; Phytoplankton; Recreation, Water Resources; ...2.0832

Temperature & Humidity Effects

ATMOSPHERIC POLLUTION AND ISLAND OF HEAT ...Air Pollution -see Specifics; ...1.0019

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Combustion Air Pollution-gen; Gases; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics; ...1.0061

PERFORMANCE, RECOVERY, AND MAN-MACHINE EFFECTIVENESS ...Fatigue; Military Personnel; Performance - Behavioral Study; Sleep Deprivation, Fatigue; Stressors, Physiological; Systems Research; Vibrations, -bioeffects; ...1.0298

AIR POLLUTION EFFECTS ON AIRBORNE RESPIRATORY DISEASE ...Air Pollution -see Specifics; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Sulfur Dioxide; Urban Environment; ...1.0304

HUMAN ADAPTATION OF CARDIO-PULMONARY FUNCTION TO HYPOBARIC, AQUATIC AND INDUSTRIAL ENVIRONMENTS ...Air Pollution -see Specifics; Anoxia and Hypoxia; Environmental Effects - Human; Metabolism & Metab. Diseases; Pressure; ...1.0305

ENTERIC VIRUS SURVIVAL IN ESTUARINE WATERS ...Estuaries; Food Contamination; Safety - Recreation; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.0002

TEMPERATURE AND LENGTH OF LIFE IN THE ANNUAL FISH, NOTHOBRANCHIUS GUENTHERI ...Environmental Physiology; Osteichthyes -other; Temperature (water); ...2.1655

STUDIES ON EFFECT OF MICROWAVE IRRADIATION ON TURNOVER RATE OF SEROTONIN AND NOREPINEPHRINE IN RODENT BRAIN ...Microwave and Radiofrequency; Radiation Effects - Biological; Rodentia -other; Temperature - Human Body; ...5.0352

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology; Fish; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Viral Pollutant Sources; Viruses - Animal; ...5.0371

RADIATION DOSE PATTERNS FOLLOWING INHALATION OF BETA-EMITTING RADIONUCLIDES ...Aerosols; Canidae; Muridae; Radiation Effects - Biological; Radiologic Health; Respiratory Irritants, Inhaled; Stibium; Thulium; ...5.0440

LATE EFFECTS OF WHOLE-BODY GAMMA IRRADIATION ON THE WORK PERFORMANCE AND RELATED PHYSIOLOGY OF SHETLAND PONIES ...Equidae; Exercise; Radiation, Whole Body; Temperature - Air; Temperature - Human Body; Vertebrates Excl. Man; X and Gamma Rays; ...5.0662

THE CLIMATE LABORATORY IN LUND (1967) ...Auditory Stress; Building Construction; Noise; Stressors, Physiological; ...6.0109

Temperature - Air

PRODUCTION PRACTICES FOR FRUITS ...Air Pollution -see Specifics; Cold Resistance; Fruit, Nut, and Berry Crops, Indiana; Prunus Persica; ...1.0054

SWINE HOUSING ENVIRONMENT ...Air Pollution -see Specifics; Corrosion, Deterioration; Farm Structures & Design; Humidity; Sus; Wind -see Air Motion; ...1.0055

CONTINUE QUANTITATIVE STUDIES OF RAGWEED POLLEN IN SARATOGA SPRINGS, NEW YORK IN RELATION TO DIURNAL VARIATIONS, LOCATION AND OTHER CONDITIONS ...Air Pollution Sampling; Atmospheric Dynamics; Diel, Diurnal Distribution; Humidity - Water Vapor; Pollen -see Pollen; ...1.0256

BIOLOGICAL EFFECTS OF AIR POLLUTANTS ON MAMMALS ...Air Pollution -see Specifics; Environmental Physiology; Humidity; Muridae; ...1.0293

STRUCTURES AND EQUIPMENT TO MINIMIZE STRESS ON BEEF CATTLE ...Air Pollution -see Specifics; Dust; Excessive Moisture; Farm Structures & Design; Rain; Wind -see Air Motion; ...1.0309

ENVIRONMENT - AIR POLLUTION INTERACTIONS ON PLANTS ...Air Pollution -see Specifics; Herbicides and Other Chem; Moisture Deficiency; Plant Pathology - Env. Relat.; Plant Response to Env. -ns; ...1.0326

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Air Pollution -see Specifics; Dust; Environmental Physiology; Gallus Domesticus; Microorganisms -nonspecific; Remote Sensing; ...1.0350

BREEDING, GENETICS AND DISEASE CONTROL OF ALL TOBACCO TYPES ...Air Pollution -see Specifics; Fungal Resistance; Nicotiana; Peronosporaceae; ...1.0353

AIR POLLUTION PROBLEMS IN NORTHEAST ...Air Pollution; Air Pollution -see Specifics; Climates -general; Nicotiana; Synoptic Weather Observations; Wind -see Air Motion; ...1.0378

PENNSYLVANIA POWER PLANT STUDY ...Air Pollution-chemistry; Farm Pond; Industrial Pollution -general; Lead; Pinus Strobus; Power Plants -see Specifics; Sulfur Dioxide; Wind -see Air Motion; ...1.0407

PLANT AIR POLLUTION STUDIES ON LOSSES, EFFECTS, AND CONTROL AND TECHNICAL ASSISTANCE ON PROBLEMS ...Air Pollution -see Specifics; Losses Due to Pollution; Moisture Deficiency; Pinus Strobus; Soil Chemical Properties; ...1.0408

RELATIONSHIP OF AIR POLLUTION TO HARDWOOD FORESTS OF THE NORTHEASTERN UNITED STATES ...Air Pollution -see Specifics; Air Pollution Sampling; Deciduous Forests; Forest Pathology; Plant Pathology - Env. Relat.; ...1.0412

ECOLOGICAL METEOROLOGY STUDIES: A PINE PLANTATION ...Air Pollution -see Specifics; Energy Budgets; Forest Environment -general; Pinus Taeda; Wind -see Air Motion; ...1.0422

EFFECTS AND FATE OF AIR POLLUTANTS ...Absorption (incl. Adsorption); Carbon Monoxide; Growth; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Physiological Ecology; Sulfur Dioxide; Transpiration and Evap; ...1.0430

AIRSACCULITIS OF TURKEYS ...Air Pollution -see Specifics; Humidity; Melliagris; Wind -see Air Motion; ...1.0436

FIELD BURNING AIR POLLUTION ABATEMENT INVESTIGATIONS ...Air Pollution -see Specifics; General Sanitation Methods; Herbicides -nonspecific; Plant Residues, Humus, Compost; Planting Methods; ...1.0623

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Eutrophication; Indiana; Lakes; Organic Properties; Synoptic Weather Observations; Vertical Distribution; Water Stratification; ...2.0137

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Erosion; Forecasting - Prediction; Leaching; Model Studies; Nitrogen and Nitrogen Cpds.; Rain; Soil Moisture; ...2.0250

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; ...2.0302

A UNIFIED APPROACH TO WATER, FOOD AND POWER IN A COASTAL DESERT COMMUNITY ...Arid and Desert Regions; Auto Exhaust -see Air Poll.; Desalination; Electric Power Plants; Humidity; Mexico; ...2.1157

DETERMINATION OF THE EFFECTS OF OIL IMMERSION ON SWAMP RABBITS ...Bands; Contamination - Water; Environmental Ecology; Nets; Petroleum -see Oil; Rabbits; ...2.1565

EFFECTS OF SURFACTANTS IN WATER ON BLACKBIRD METABOLISM ...Analysis and Detection; Contamination - Water; Passeriformes; Surfactants -see Detergents; ...2.1579

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Creel Census; Environment; Fish; Lakes; Performance; Power Reservoirs; Temperature (water); User Patterns; ...2.1620

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange, Maps -general; Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Sus; Wind -see Air Motion; ...3.0069

SWINE HOUSING ENVIRONMENT ...Farm Animal Wastes; Farm Structures & Design; Humidity; Sus; Wind -see Air Motion; ...3.0183

EFFECT OF PHYSICAL ENVIRONMENT UPON MANAGEMENT PRACTICES ...Humidity; Melliagris; Space Requirements; Wind -see Air Motion; ...3.0193

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Climates -general; Farm Animal Wastes; Microorganisms - nonspecific; Solid Waste; Waste Disposal on Soils; ...3.0197

MATERIALS HANDLING SYSTEMS FOR NORTH CENTRAL FARMS ...Bos; Farm Animal Wastes; Farm Structures & Design; Humidity; North Central U. S.; Wind -see Air Motion; ...3.0198

CONDITIONING AND CLEANING MID-SOUTH COTTON VARIETIES ...Gossypium; Humidity; Plant Waste Removal, Treatment, Southern U. S.; ...3.0202

INFLUENCE OF CERTAIN HOUSING AND MANAGEMENT REGIMES ON CONFINEMENT REARING OF GROWING FINISHING PIGS ...Farm Animal Wastes; Farm Structures & Design; Humidity; Sus; Wind -see Air Motion; ...3.0211

CIRCULAR DAIRY BARN ...Bos; Farm Animal Wastes; Farm Structures & Design; ...3.0222

WASTE DISPOSAL ...Aerobic Bacteria; Animal Wastes - Feed Lots; Clostridia; Farm Animal Wastes; Methane Bacteria -nonspecific; Sewage Bacteria; Soil Microbiology; ...3.0233

POULTRY WASTE MANAGEMENT AND ODOR CONTROL ...Farm Animal Wastes; Gallus Domesticus; Humidity; Wind -see Air Motion; ...3.0239

MANAGEMENT PRACTICES AFFECTING SWINE PRODUCTION ...Animal Pharmacology; Farm Animal Wastes; Injury - animal; Space Requirements; ...3.0280

COMMUNITY CAGE HOUSING OF LAYING CHICKENS ...Behavior -vertebrate; Farm Structures & Design; Injury -animal; Space Requirements; Wind -see Air Motion; ...3.0337

LAGOONS FOR DAIRY FARMS ...Animal Wastes - Feed Lots; Bacterial Studies -general; Cellular Catabolism-see Degrad; Farm Animal Wastes; Lagoon; Waste Water Treatment -general; Water Reuse; ...3.0338

USE OF SEWAGE TO PRODUCE ALGAE FOR LIVESTOCK FEED ...Algae - Chlorophyta; Algae - Cyanophyta; Algal Physiology; Fungi -nonspecific; Plant Waste Removal, Treatment; Sewage Bacteria; ...3.0369

PRECISE PLACEMENT AND DRIFT CONTROL OF INSECTICIDE AND PESTICIDES WHEN ULTRA-LOW VOLUMES ...Handling & Application; Insecticides -nonspecific; Low Volume; Pesticide Drift; ...4.0047

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Persistance in Soils; Plant Resistance; Soil Aeration; Soil Moisture; ...4.0091

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; ...4.0162

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

CONTROL OF PERENNIAL FARM AND RANGELAND WEEDS ...Avena Sativa; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Physical Control; Ranunculaceae; Soil Moisture; Zea Mays - Field Corn; ...4.0201

INFLUENCE OF HERBICIDES, FUNGICIDES, & INSECTICIDES ON COTTON GERMINATION & SEEDLING VIGOR ...Gossypium; Korax; Pesticide Interaction With Env; Planavin; Soil Microbiology; Trifluralin; ...4.0207

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Air Pollution -see Specifics; Chlorine; Herbicides -nonspecific; Pesticide Action on Plants; ...4.0211

WEED CONTROL IN AGRONOMIC CROPS ...Atrazine; Barban, Betanal; Butachlor; Cyperaceae; Gramineae; Igran; Pesticide Interaction With Env; Radioisotopes -nonspecific; Sorghum; Trifolium; ...4.0227

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Benlate; Fungal Physiology; Granules, Capsules; Irrigation; Pesticide Phytotoxicity; Plant Population Dynamics -gen; Thimet; Western U. S.; ...4.0243

ACTION OF SELECTIVE CHEMICALS ON MICRO-ORGANISMS AND HIGHER PLANTS ...Capsicum; Nematoda; Pesticide Evaluation; Phaseolus; Vegetables; Xanthomonas; ...4.0255

CONTROL OF WEEDS IN WARM SEASON TURFGRASSES WITH HERBICIDES ...Atrazine; Cynodon; Dacthal; Dma; Msma; Pesticide Application Rates; Pesticide Phytotoxicity; Prometryne; Simazine; Sindone B; Tenoran; Tok; 2,4-db; ...4.0263

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Apium Species; DDT; Parathion; Pesticide Residues; Pesticide Residues Removal; Vegetables; ...4.0266

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

STORED GRAIN INSECT PESTS AND THEIR CONTROL IN UTTAR PRADESH, INDIA ...Climates -general; Foreign Agriculture; Insecticides -nonspecific; Pesticide Evaluation; Zea Mays - Field Corn; ...4.0305

INSECT PESTS OF CUCURBIT CROPS ...Dieldrin; Granules, Capsules; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; ...4.0307

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Rain; Sulfhydryl Compounds; Vegetables; ...4.0309

FATE OF MALATHION RESIDUES GRAIN SORGHUMS ...Chemical Analysis; Herbicides and Other Chem; Malathion; Pesticide Phytotoxicity; Plant; Zea Mays - Field Corn; ...4.0319

NUT AND TREE FRUIT INVESTIGATIONS ...Abscission; Carya; Fragaria; Fruit, Nut, and Berry Crops; Horticultural Crops - general; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Fertility; Vitaceae; ...4.0323

CONTROLLING THE RESPONSES OF CROP AND WEED PLANTS TO HERBICIDES ...Algae - Euglenophyta; Gossypium; Herbicides and Other Chem; Pesticide Action on Plants; Plant Tissue Analysis -chem.; ...4.0329

INSECTS & MITES ASSOCIATED WITH GRASSES & PLANTS, THEIR IMPORTANCE & MEANS OF CONTROL OF PESTIFEROUS SPECIES ...Acarol; Aquifoliaceae; Azodrin; Compositae; Ericaceae; Pesticide Application Rates; Pesticide Phytotoxicity; Supracide; ...4.0332

TREATMENTS FOR CONTROL OF POSTHARVEST ROTS AND FUNCTIONAL DISORDERS IN APPLES ...Alternaria; Concentrates; Ethoxyquin; Fruit, Nut, and Berry Crops; Pesticide Application Rates; Pesticide Phytotoxicity; Pyrus Malus; ...4.0339

NUTRITION AND ENVIRONMENT OF FLORAL CROPS ...Botrytis; Exotherm; Mineral Nutrition; Ornamentals; Pesticide Phytotoxicity; ...4.0357

PESTICIDES AND GROWTH REGULATORS FOR FRUIT CROPS ...Acaricides -nonspecific; Concentrates; Economics of Chemical Control; Liquids Or Sprays; Pesticide Phytotoxicity; Prunus Ceracus & P. Avium; ...4.0361

RELATION OF ENVIRONMENT AND CHEMICALS TO PHYSIOLOGY OF POME AND DRUPE FRUIT ...Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Growth Substances; Pesticide Interaction With Env; Pesticides -nonspecific; Plant Pathology - Env. Relat.; Pyrus Malus; ...4.0362

WEED CONTROL IN SOYBEANS ...Atrazine; Glycine; Pesticide Evaluation; Plant Resistance; Tenoran; ...4.0366

MICROORGANISMS IN THE RHIZOSPHERE AND EFFECTS ON PLANT GROWTH ...Absorption (incl. Adsorption); Atrazine; Cdaa; Glycine; Nitrification; Pesticides Compatibility; Rhizosphere; Soil Chemical Properties; Soil Microbiology; Trifluralin; ...4.0369

TRANSLOCATION OF HERBICIDES IN NUTGRASS AND JOHNSONGRASS ...Carbon; Dalapon; High Temp. - 85f Or Above; Pesticide Action on Plants; Plant Absorption -other; Surfactants - Wetting Agents; ...4.0377

STAND ESTABLISHMENT AND SEEDLING DISEASE CONTROL ...Chloroneb; Gossypium; Growth; Pesticide Evaluation; Plant Pathogenetic Fungi; Planting Methods; ...4.0384

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis; Reproductive Physiology; Turf; ...4.0389

EVALUATION OF CHEMICAL FORMULATIONS AND ENERGY PROCESSES AS SEED TREATMENTS OF MAJOR CROP PLANTS ...Avena Sativa; Metal Organics -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Triticum; Vitavax; ...4.0410

PESTICIDE INTERACTIONS - INFLUENCE ON PLANT GROWTH AND MECHANISMS OF TOXICITY AND DETOXICATION ...Carbamates -nonspecific; Pesticide Action on Plants; Pesticide Phytotoxicity; Urea Cpds. -nonspecific; ...4.0427

DISEASES OF CULTIVATED BLUEBERRIES IN NORTH CAROLINA ...Botryosphaeria; Fruit, Nut, and Berry Crops; Fungicides -nonspecific; Nematoda; Pesticides -other; ...4.0428

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Translocation; ...4.0436

PHYSIOLOGICAL AND MORPHOLOGICAL RESPONSE OF PLANTS TO HERBICIDES ...Compositae; IAA; Pesticide Interaction -gen.; Plant Absorption -other; Poa Pratensis; Trifolium; ...4.0439

GRAIN SORGHUM VARIETAL EXPERIMENTS ...Disease Resistance; Drought Resistance; Insecticides -nonspecific; Pesticide Phytotoxicity; Sorghum; Wildlife -nonspecific; ...4.0446

SWEET SORGHUM VARIETAL EXPERIMENTS ...Arid and Desert Regions; Bos; Insecticides -nonspecific; Irrigation; Pesticide Phytotoxicity; Sorghum; Space Competition; ...4.0447

SUPPRESSION OF MYCOFLORA AND MYCOTOXINS IN NEWLY COMBINED, PARTIALLY CURED PEANUTS ...Aerosols - Smokes, Fogs, Steam; Arachis; Fungicides -nonspecific; Pesticide Phytotoxicity; Sulfur Dioxide; ...4.0448

INVESTIGATIONS ON THE INFLUENCE OF HERBICIDES IN RELATION TO CROP PRODUCTION ...Climates -general; Herbicides and Other Chem; Pisum; Soil Temp. -non-specific; Zea Mays - Field Corn; ...4.0452

TURFGRASS WEED CONTROL ...Bensulide; Digitaria; Gramineae -other; Pesticide Interaction With Env; Turf; ...4.0459

BIOLOGY AND CONTROL OF INSECTS IN DECIDUOUS FORESTS AND CHRISTMAS TREE PLANTATIONS ...Acer Species; Aliphatic Carbamates; Dieldrin; Liquids Or Sprays; Pesticide Evaluation, Thiodan; ...4.0464

FATE OF HERBICIDES IN PLANTS AND SOILS ...Arachis; Dicamba; Environmental Modification; Gas Chromatography; Metabolites From Pesticides; Pesticide Application Rates; Pesticide Interaction With Env; Picloram; Preforan; Quercus; Soil Moisture; Soil Types -also See Specifics; Ulmaceae; ...4.0485

FACTORS INVOLVED IN REACTION OF COTTON TO INSECTS ...Carriers -non-liquid; Gossypium; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Radioisotopes -nonspecific; Sandy Soils -see Soil Type; ...4.0487

METHODS OF CONTROLLING MESQUITE, HUISACHE, LIVE OAK AND OTHER WEEDS ON GRAZING LANDS ...Acacia; Berberidaceae; Caprifoliaceae; Granules, Capsules; Leaching; Pesticide Action on Plants; Pesticide Interaction With Env; Picloram; Prosopis; Rhamnaceae; Rubiaceae; T, 2,4,5-; Verbenaceae; ...4.0491

PESTICIDE RESIDUES ON FORAGE RESULTING FROM DRIFT OF DUSTS APPLIED TO ADJACENT ORCHARDS ...Dusts; Humidity; Pesticide Drift; Pesticide Residues; Rain; Wind -see Air Motion; ...4.0498

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Vegetables; ...4.0500

RESPONSE OF PLANTS TO HERBICIDES ...Amino Triazole; D, 2,4-; Foliar Absorption; Pesticide Interaction -gen.; Pesticide Residues; Plant Absorption -other; ...4.0507

MECHANISM OF ACTION OF PICLORAM AND CACODYLIC ACID ...Abscission; Bioassay; Carbon; IAA; Pesticide Evaluation; Pesticide Interaction With Env; Pesticide Volatility; Plant Absorption -other; ...4.0508

EFFECT OF PHOSPHORUS INSECTICIDES ON QUALITY OF ALFALFA HAY ...Demeton; Malathion; Nitrogen and Nitrogen Cpds.; Pesticide Action on Plants; Pesticide Residues; Phosphorus and Phosphorus Cpds; Tissue Accumulation Rates; ...4.0521

WEED CONTROL IN SUGAR BEETS ...Amaranthaceae; Chenopodiaceae; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; ...4.0525

EFFECT OF PESTICIDES ON APICULTURE ...Abate; Chlorphenamidine; Dipterex; Insects - Beneficial; Methomyl; Toxaphene; ...4.0561

HERBICIDE STUDIES EMPLOYING IN VITRO CULTURE METHODS ...Alanap; Humidity; Pesticide Action on Plants; Pesticide Formulation; Pesticide Residues; ...4.0683

PESTICIDE-WILDLIFE RELATIONSHIPS - REPRODUCTION, GROWTH, AND PHYSIOLOGY OF DEER FED DIELDRIN CONTAMINATED DIETS ...Deer -nonspecific; Dieldrin -see Pesticides; Laboratory Animals; Pesticide Formulation; Pesticide Tolerance Rate; Tissue Accumulation Rates; ...4.0744

EFFECTS OF PESTICIDES ON INSECTS, MITES, AND PREDACEOUS ARTHROPODS IN APPLE ORCHARDS ...Arachnida; Foreign Agriculture; Insects - Beneficial; Pesticide Action on Animals; Pesticide Toxicity in Animals; Population Dynamics -general; ...4.0838

REPELLENT ADDITIVES TO REDUCE PESTICIDE HAZARDS TO HONEY BEES ...Aerosols - Smokes, Fogs, Steam; Humidity; Insects - Beneficial; Pesticide Interaction With Env; ...4.0931

PESTICIDE RESIDUES - THEIR NATURE, DISTRIBUTION AND PERSISTENCE IN PLANTS, ANIMALS AND SOILS ...Herbicides and Other Chem; Humidity; Pesticide Action on Plants; Pesticide Phytotoxicity; Pesticide Residues; Soil Types -also See Specifics; ...4.0935

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Aldrin; Azodrin; Brassica Species; Chenopodiaceae; Citrus; Dieldrin; Gardona; Heptachlor; Humidity; Parathion; Phaseolus; Sevin; ...4.0941

TOXICOLOGY OF FOREST INSECTS OF THE SOUTHEAST ...Absorption (incl. Adsorption); Bacillus Thuringiensis; Herbicides and Other Chem; Pesticide Action on Animals; Pesticide Interaction With Env; Phenols; Soil pH; Stickers; Thuricide; ...4.0969

PHYSIOLOGY OF CITRUS FRUIT ABSCISSION ...Abscission, Citrus; Cycloheximide; Enzymes; Herbicides and Other Chem; Pesticide Evaluation; ...4.1007

PSEUDOCHOLINETERASE ACTIVITY AS AFFECTED BY MODERN AGRICULTURAL CHEMICALS ...Bioassay; Carbamates -nonspecific; Chlorinated Hydrocarbons; Food Contamination; Pesticide in Food Chains; Sevin; ...4.1023

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

ANALYTICAL METHODS FOR HERBICIDES AND RESIDUES ...Chemical Analysis; Gas Chromatography; Metabolites From Pesticides; Pesticide Residues; Solvents Or Carriers; ...4.1027

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

BIOLOGY, ECOLOGY, AND CONTROL OF INSECTS ATTACKING TOBACCO ...Azodrin; Biological Control; Bux-ten; Disulfoton; Guthion; Monitor; Nicotine; Pesticide Residue Analysis; Photoperiod; ...4.1036

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING SMALL GRAINS ...Chenopodiaceae; Dieldrin; Dimethoate; Insect Resistance; Parathion; Pesticide Residues; Sorghum; Triticum; ...4.1115

PREVENTING INSECT DAMAGE TO TOBACCO AND TOBACCO PRODUCTS IN MARKETING CHANNELS ...Bacilli -nonspecific; Nicotiana; Pesticide Evaluation; Pesticide Toxicity in Animals; Physical Control; ...4.1127

THE BIOLOGY AND CONTROL OF INSECTS AND MITES ATTACKING STONE FRUITS ...Arachnida; Baygon; Liquids Or Sprays; Pesticide Evaluation; Petroleum Cpds. -nonspecific; Rosaceae; Yeasts -nonspecific; ...4.1128

STUDIES ON THE EFFECTS OF NEUTRON IRRADIATION ON SEEDS ...Bulgaria; Foreign Agriculture; Hordeum Vulgare; Neutron -see Radiation; Plants; ...5.0102

CHANGE IN RADIOSENSITIVITY OF INTESTINAL CRYPTS FROM GROUND SQUIRRELS DURING THE FIRST 48 HOURS AFTER AROUSAL FROM HIBERNATION ...Hibernation; Injury -animal; Radiation Sensitivity -man; Radiation, Lethal Dose; Sciuridae; Vertebrates Excl. Man; X and Gamma Rays; ...5.0279

FACTORS RESPONSIBLE FOR CHANGES IN RADIOSENSITIVITY OF EMBRYONIC TISSUES ...Aging; Commelinaceae; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Radiation Sensitivity -man; Somatic Mutation; ...5.0408

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES ...Albizzia; Cellular Metabolism - Controls; Growth; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Temperature; X and Gamma Rays; ...5.0414

RADIATION GENETICS AND RADIATION RESISTANCE IN PEANUTS ...Arachis; Physical Mutagenesis; Plants; Radiation Resistance; Radiation Sources -general; ...5.0554

EFFECTIVENESS AND EFFICIENCY OF PHYSICAL AND CHEMICAL MUTAGENS ...Chemical Mutagenesis; Hordeum Vulgare; Neutron -see Radiation; Physical Mutagenesis; Radiation Effects -see Rad.; ...5.0613

LATE EFFECTS OF WHOLE-BODY GAMMA IRRADIATION ON THE WORK PERFORMANCE AND RELATED PHYSIOLOGY OF SHETLAND PONIES ...Equidae; Exercise; Radiation, Whole Body; Temperature & Humidity Effects; Temperature - Human Body; Vertebrates Excl. Man; X and Gamma Rays; ...5.0662

THE ROLE OF LIGHT AND TEMPERATURE IN THE GROWTH AND DEVELOPMENT OF PLANTS ...Cold Resistance and Hardiness; Growth; Humidity; Plant Growth Regulators -ns.; Reproductive Physiology; X and Gamma Rays; ...5.0682

THE RESPONSE OF HIGHER PLANTS TO ULTRAVIOLET LIGHT AND OTHER STRESS FACTORS ...Alpine Regions; Cold Resistance and Hardiness; Light and Sun Resistance; Plants, Radiation Sources -general; ...5.0717

Temperature - Human Body

INTERACTION OF ELECTRON ACCEPTORS WITH CHLORPROMAZINE ...Air Pollution-chemistry; Electroanalyses; Muridae; Nitrogen and Nitrogen Cpds.; Spectrographic Techniques; Sulfur Dioxide; ...1.0177

GERONTOLOGIC CHANGES IN BEAGLES ...Aging; Antioxidants -nonspecific; Canidae; Potassium; Radiation Carcinogenesis, Radiation Injury Prevention; Stressors, Physiological; ...5.0130

STUDIES ON EFFECT OF MICROWAVE IRRADIATION ON TURNOVER RATE OF SEROTONIN AND NOREPINEPHRINE IN RODENT BRAIN ...Microwave and Radiofrequency; Radiation Effects - Biological; Rodentia -other; Temperature & Humidity Effects; ...5.0352

LATE EFFECTS OF WHOLE-BODY GAMMA IRRADIATION ON THE WORK PERFORMANCE AND RELATED PHYSIOLOGY OF SHETLAND PONIES ...Equidae; Exercise; Radiation, Whole Body; Temperature & Humidity Effects; Temperature - Air; Vertebrates Excl. Man; X and Gamma Rays; ...5.0662

STUDY OF THERMAL EFFECTS DUE TO PROPAGATION OF SOUND WAVES IN TISSUES ...Acoustics; Heat Transfer; Mammals -nonspecific; Mathematical Models; Ultrasonic -bioeffects; ...6.0119

Temperature - Soil

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Tobacco -cigars; ...4.0281

Freezing & Below

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Low Temp. - But Above 32f; Pinus -nonspecific; Radioisotopes; Soil Moisture; Sprinkler Irrigation; Transpiration and Evap; ...2.1001

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

High Temp. - 85f Or Above

USE OF REACTOR COOLING WATER FROM NUCLEAR POWER PLANTS FOR IRRIGATION OF AGRICULTURAL CROPS ...Atomic Plants; Energy Conversion; Photosynthesis; Respiration; Soil Moisture; Thermal Pollution; ...2.0318

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

TRANSLOCATION OF HERBICIDES IN NUTGRASS AND JOHNSONGRASS ...Carbon; Dalapon; Pesticide Action on Plants; Plant Absorption -other; Surfactants - Wetting Agents; ...4.0377

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC. IN SOILS ...Antibiotics -nonspecific; Benzoic Acid Cpds.; Herbicides -nonspecific; Loam -see Soil Types; Microorganisms -nonspecific; Nitrosomonas -nonspecific; Pesticide Persistance in Soils; Plant Residues, Humus, Compost; Soil Microbiology; ...4.1051

INFLUENCE OF SOIL HEATING ON THE GROWTH AND ELEMENTAL COMPOSITION OF BEAN PLANTS ...Mineral Nutrition; Organic Soils -see Soils; Plants; Radioactive Contamination; Soil Chemical Properties; ...5.0013

Low Temp. - But Above 32f

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Freezing & Below; Pinus -nonspecific; Radioisotopes; Soil Moisture; Sprinkler Irrigation; Transpiration and Evap; ...2.1001

BIOCHEMISTRY OF HERBICIDE ACTION ...Absorption (incl. Adsorption); Atrazine; Chemical Analysis; D, 2,4-; Pesticide Action on Plants; Pesticide Residues; Plant Resistance; Soil Microbiology; Translocation; ...4.0032

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality - general; ...4.0100

ROLE AND FATE OF HERBICIDES, ANTIBIOTICS, ETC. IN SOILS ...Antibiotics -nonspecific; Benzoic Acid Cpds.; Herbicides -nonspecific; Loam -see Soil Types; Microorganisms -nonspecific; Nitrosomonas -nonspecific; Pesticide Persistance in Soils; Plant Residues, Humus, Compost; Soil Microbiology; ...4.1051

Soil Temp. -non-specific

SORPTION AND MOVEMENT OF POLLUTED WATER IN SOIL ...Filtration; Groundwater; Pesticide Movement in Soils; Pesticides -nonspecific; Soil Chemical Properties; Soil Types -also See Specifics; Water Chemistry; ...2.0030

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0308

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water) eepage (water); Sprinkler Irrigation, Tension and Measurement, Water Application Methods; ...2.0562

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Oklahoma; Remote Sensing; Soil Moisture; Soil Thermal Properties; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Freezing & Below; Low Temp. - But Above 32f; Pinus -nonspecific; Radioisotopes; Soil Moisture; Sprinkler Irrigation; Transpiration and Evap; ...2.1001

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types - also See Specifics; Waste Disposal on Soils; ...3.0223

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

SOIL PRODUCTIVITY AS AFFECTED BY MICROBIAL ACTIVITY IN CROP RESIDUES AND ANIMAL WASTES ...Bioindicators; Patulin; Plant Residues, Humus, Compost; Soil Chemical Properties; Soil Microbiology; Stubble Mulching; Triticum; ...3.0389

EFFICIENCY AND HAZARDS OF RESIDUAL HERBICIDES IN SOILS UNDER IRRIGATION ...Atrazine; Bromacil; Citrus; Diuron; Foreign Agriculture; Gossypium; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Soil Moisture; Soil pH; Sorghum; Zea Mays - Field Corn; ...4.0011

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Loam -see Soil Types; Pesticide Persistance in Soils; Silty Soils; Soil Moisture; ...4.0084

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Poliutants - Path of; ...4.0086

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0090

INTERACTION OF TEMPERATURE WITH OTHER FACTORS ON RESPONSE OF CANADA THISTLE TO HERBICIDES ...Adjuvants; Chenopodiaceae; Dicamba; Pesticide Action on Plants; Pesticide Persistance in Soils; Plant Resistance; Soil Aeration; Soil Moisture; Temperature - Air; ...4.0091

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides - see Pesticide; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Surfactants - Wetting Agents; ...4.0093

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

BIODEGRADATION OF HERBICIDES IN TREATED SOILS FOR ESTABLISHMENT OF RANGE FORAGE PLANTS ...Arid and Desert Regions; Atrazine; Cellular Catabolism-see Degrad; Environmental Factors; Gramineae -other; Hormodendrum; Microorganism-see Cell. Catab.; Penicillium; Range Management; Soil Moisture; Soil pH; Soil Types -also See Specifics; Triazines -nonspecific; ...4.0143

FACTORS INFLUENCING HERBICIDE EFFECTIVENESS ...Alachlor; Clay Soils; D, 2,4-; Diphenamid; Organic Soils -see Soils; Pesticide Evaluation; Pesticides Compatibility; Planavin; Sandy Soils -see Soil Type; Zea Mays - Field Corn; ...4.0152

BIOLOGICAL SOIL COMPONENTS DETERMINING PERSISTENCE AND DETOXIFICATION OF BIOCIDES ...Algae - Chlorophyta; Bioassay; Cellular Physiology; Env. Eff.; Cucumis Sativus; Paraquat; Pesticide Degradation see Deg; Pesticide Phytotoxicity; Pyridines Ns; Soil Chemical Properties; Soil pH; Soil Texture; ...4.0161

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Chlorine; Humidity; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticide Volatility; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil pH; Temperature - Air; ...4.0162

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Water Quality -general; ...4.0192

INFLUENCE OF HERBICIDES, FUNGICIDES, & INSECTICIDES ON COTTON GERMINATION & SEEDLING VIGOR ...Gossypium; Korax; Pesticide Interaction With Env; Planavin; Soil Microbiology; Temperature - Air; Trifluralin; ...4.0207

RESPONSE OF PLANTS AND PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Contamination - Soil; Environment Accumulation Rates; Organic Soils -see Soils; Pesticide Interaction With Env; Pesticide Residues; Pyrazon; Soil Microbiology; ...4.0248

ETIOLOGY OF MERCURIAL PHYTOTOXICITY (FAT LEG) OF SEED PEANUTS ...Arachis; Chlorine; Herbicides and Other Chem; Mercury; Metal Organics -nonspecific; Pesticide Phytotoxicity, Soil Depth; ...4.0290

CONTROL OF WEEDS IN HORTICULTURAL CROPS ...Asclepiadaceae; Cucurbitaceae; Diuron; Granules, Capsules; Lycopersicum; Pesticide Action on Plants; Pesticide Interaction With Env, Pesticide Phytotoxicity; Plant Resistance; Pyrus Malus; Soil Bacteria; Soil Microbiology; Soil Types -also See Specifics; Terbacil; ...4.0390

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Cla, Soils, Cotoran; Growth; Herbicides and Other Chem; Paraquat; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Soil Microbiology; Soil pH; Tissue Accumulation Rates; Trifluralin; ...4.0432

PHYSIOLOGY OF ACCUMULATION AND PERSISTENCE OF PESTICIDES IN PLANTS ...Air Pollution -see Specifics; Bioassay; Cucurbita; Endrin; Gossypium; Herbicides and Other Chem; Monuron; Pesticide Action on Plants; Pesticide Interaction With Env; Photosynthesis; Plant Resistance; Soil Moisture; Temperature - Air; Translocation; ...4.0436

INVESTIGATIONS ON THE INFLUENCE OF HERBICIDES IN RELATION TO CROP PRODUCTION ...Climates -general; Herbicides and Other Chem; Pisum; Zea Mays - Field Corn; ...4.0452

ANNUAL AND PERENNIAL WEED CONTROL IN THE WHEAT GROWING AREA OF EASTERN WASHINGTON ...Bromacil; Cruciferae; Dicamba; Igran; Loam -see Soil Types; Pesticide Application Rates, Pesticide Persistance in Soils; Plant Competition; Sandy Soils -see Soil Type; Soil Moisture; Soil Types -also See Specifics; ...4.0511

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

CHARACTERISTICS OF HANFORD PROJECT SOILS ...Arid and Desert Regions; Disease Resistance; Microorganisms -nonspecific; Reactor Sites & Rad Waste; Soil Amendments; Soil Chemical Properties; Soil Microbiology; Soil Organic Content, ...5.0085

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Arid and Desert Regions; Clay Soils; Mineral Nutrition; Plants; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Soil Moisture; X and Gamma Rays; ...5.0159

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS ...Absorption (incl. Adsorption); Calcium; Cellular Biosynthesis; Ion Transport and Elect. Pot.; Mineral Nutrition; Passive Transport, Diffusion; Radioactive Fallout-cf Fallout; Zinc; ...5.0409

PRECIPITATION, AIR TEMPERATURES, SOIL MOISTURE, & GAMMA RADIATION, IN 68 MOJAVE & GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, 1962-70 (ABBREV) ...Air Pollution Sampling; Nevada; Population Dynamics -general; Precipitation Amount; Radioactive Pollution -ns; Soil Moisture; Temperature; ...5.0787

Temperature Regulation

REACTOR COOLING WATER FOR AGRO-INDUSTRIAL DEVELOPMENT THROUGH SOIL WARMING ...Agricultural Studies -general; Atomic Plants; Mathematical Models; Soil Moisture; ...2.0319

Temperature Instruments

MISCELLANEOUS ENVIRONMENTAL ENGINEERING TESTS (OA) ...Air Cleaning Devices; Air Conditioning; Building Design; ...1.0036

MISCELLANEOUS ENVIRONMENTAL ENGINEERING TESTS (P) ...Air Cleaning Devices; Air Conditioning; Building Construction; Building Design; Fluid Mechanics; ...1.0037

ELECTRIFICATION OF DUST STORMS ...Atmosphere Disturbance. Charge on Droplets; Energy Conversion; Particulates - Air Pollution; Temperature; Wind; ...1.0081

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Atmosphere Disturbance; Cloud Temperature; Color - Brightness; Computer Models; Cumulus; Microwave Radiation; Radiation Balance -cloud; Simulation Theory; Temperature; ...1.0358

POULTRY WASTE HANDLING SYSTEM DESIGN ...Farm Animal Wastes; Feces; Fungi -nonspecific; Humidity; Landfills - see Water Pollution; Waste Type; ...3.0236

Temperature Or Heat Budgets

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Elevation Levels, Altitude; Erosion; Forest Watersheds; Mineralogical Water Properties; Oligotrophic Lakes; Optical Properties of Water; Recreation, Water Resources; Turbidity (water); ...2.0032

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Evaporation; Montana; Oxygen Content (water); Phytoplankton; Productivity of Freshwater; Stratification (water); Wyoming; ...2.0233

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp. - non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

ECOLOGICAL AND LIMNOLOGICAL IMPACT OF THE CONSTRUCTION AND OPERATION OF PUMP-BACK STORAGE PROJECTS ...Circulation (water); Electric Power Plants; Environmental Aspects; Power Reservoirs; Western U. S.; ...2.1509

Tennessee

ATMOSPHERIC DIFFUSION STUDIES - LIDAR PLUME STUDY ...Diffusion; Lasers and Masers; Power Plants; Smoke; Weather Radar; ...1.0145

A STUDY OF ACUTE RESPIRATORY ILLNESS IN RELATION TO NITROGEN OXIDES AIR POLLUTION LEVELS IN CHATTANOOGA, TENNESSEE ...Air Pollution; Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Nitrogen and Nitrogen Cpds.; Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0274

CHANGES IN WATER QUALITY PARAMETERS OF RESERVOIRS DURING REGULATED FLOW CONDITIONS ...Acidity (water), Chemical Analysis (water); Eutrophication; Organic Matter; Water Bacteria; Water Quality -general; ...2.0369

SURVIVAL OF INDICATOR ORGANISMS AND ENTERIC BACTERIA IN WATER ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Dyes; Lakes, Nutrients; Streptococcus Fecalis; Waste Water Treatment -general, ...2.0801

EFFECTS OF INDUSTRIAL EFFLUENTS ON PRIMARY PHYTOPLANKTON INDICATORS ...Diatoms (see Also Algae); Effluents - Waste Water; Ionic Effect; Phytoplankton; Statistics; Tracers; ...2.0802

GEOHYDROLOGY OF SHALLOW AQUIFERS IN HENRY AND WEAKLEY COUNTIES, TENNESSEE ...Aquifers; Chemical Analysis (water); Geophysical Analysis, Permeability; Water Wells; ...2.0803

TEMPERATURE DISTRIBUTIONS RESULTING FROM COOLING WATER DISCHARGES ...Development of Models; Energy Conversion; Mathematical Models; Power Reservoirs; Streams; Thermal Pollution; ...2.0805

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Biological Water Properties; Destratification; Flow Characteristics (water); Model Studies; Physical Water Properties; Reservoirs and Impoundments; Water Quality Control -general; Water Supply - general; ...2.1713

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Wildlife Habitats -see Animal; ...2.1716

HIGH ANALYSIS FERTILIZER INVESTIGATIONS - FISHERIES ...Aquatic Ecology - Animal; Depth (water); Fertilizers -aquatic; Nutrients; ...2.1718

IMPROVED METHODS, EQUIPMENT AND FACILITIES FOR INEDIBLE ANIMAL BY-PRODUCTS RENDERING PLANTS ...Farm Animal Wastes; Food Engineering & Technology; General Sanitation Methods; Product Development Research; Salmonella - nonspecific & -ot.; Texas; ...3.0276

FARM WASTE DISPOSAL ...Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Farm Animal Wastes; Irrigation; Model Studies; Physical Models; Sewage Lagoons; ...3.0316

Tennessee River

THERMAL AND CONVENTIONAL RIVER POLLUTION ...Atomic Plants; Chemical Water Properties; Effluents - Waste

Water; Legislation - Zoning; Water Quality Control -general; ...2.1472

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Captive Rearing; Effluents - Waste Water; Fish; Physiological Effects; ...2.1560

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - WATER QUALITY EFFECTS ...Acidity (water); Atomic Absorption; Gas Chromatography; Mineralogical Water Properties; Waste Management -see Specific; ...2.1561

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - BENTHOS DISTRIBUTION ...Benthic Organisms -nonspecific; Bottom Sampling; Contamination - Water; Ecological Effects; Effluents - Waste Water; Industrial Wastes; Vertical Distribution; ...2.1562

Terracing

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Zea Mays - Field Corn; ...2.0218

QUALITY OF TILE EFFLUENT ...Chemical Analysis (water); Drainage; Effluents - Waste Water; Floods; Nitrogen and Nitrogen Cpds ; Phaseolus; Phosphorus and Phosphorus Cpds; Soil Analysis; Zea Mays - Field Corn; ...2.0587

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Small Watersheds; Water Balance - Budget; Water Table; ...3.0213

Terrain Analysis

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Water Quality - general; Water Table; Watersheds; ...2.1306

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology Geological Exploration; Lead; Massachusetts; Rocks - Bedrock; Streams; Surveying; Waste Disposal-see Solid Waste; ...3.0162

SOUND PROPAGATION AND ATTENUATION CHARACTERISTICS OVER A HEAVILY VEGETATED TERRAIN ...Audio Frequencies -see Noise; Electromagnetic Propagation; Electronic Detection, Tracking; Noise; Signal Analysis; Sound Attenuation Acoustics; Topography; ...6.0001

Texas

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Data Reduction and Analysis; Geology -general; Hydraulics; Water Pollution Sources; Water Supply -general; Water Wells; ...2.0375

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Baseflow; Fresh Water; Groundwater Basins; Permian Period; Saline Water Intrusion; Seepage (water); Tectonics; Water Pollution Sources; ...2.0376

EFFECTS OF FURROW, SPRINKLER AND SUBIRRIGATION METHODS ON POTENTIAL POLLUTION OF GROUNDWATER BY NITRATES AND OTHER SOLUTES ...Economic Feasibility; Furrow Irrigation; Irrigation; Nitrification; Soil Moisture; Subsurface Irrigation; Water Pollutants - Path of; ...2.0381

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Pliocene Epoch; Silting (water) -see Sediment; Water Bacteria; Water Pollution Sources; ...2.0386

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Agricultural Runoff; Climates -general; Conservation -see Soil Conser.; Land Use; Sediment Yield; Small Watersheds; Soil Cover Crops; Thunderstorms; ...2.0387

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control; Flood Routing; Forecasting - Prediction; Land Use; Mathematical Models; Rain Amount; Sediment Yield; ...2.0388

URBAN GEOLOGY OF HILLSBORO, TEXAS ...Environmental Geology; Floods; Geologic Maps; Urban Environment; Urban Research -general; Waste Disposal, Underground; Water Quality - general; ...2.0389

SIMULATION OF WATER QUALITY IN STREAMS AND CANALS ...Biochemical Oxygen Demand; Flood Routing; Mineralogical Water Properties; River Basins; ...2.0808

MULTI-BASIN WATER QUALITY SIMULATION ...Canals; Flood Routing; Land Use; Water Costs; Water Standards & Baselines; ...2.0810

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Urban Research -general; ...2.0811

LIMNOLOGICAL INVESTIGATIONS OF TEXAS IMPOUNDMENTS FOR WATER QUALITY MANAGEMENT PURPOSES ...Chemical Water Properties; Eutrophication; Nutrients; Streams & Rivers; Water Quality -general; Water Supply Augmentation; ...2.0812

INSTRUMENTATION FOR ENGINEERING MANAGEMENT OF A MULTI-PURPOSE RIVER BASIN SYSTEM ...Automatic Data Aquisition; Data Acquisition, Flood Routing; Navigation; River Basins; Water Quality -general; ...2.0814

PRECISION RATIO GAS-SOURCE MASS SPECTROMETER ...Bauxite; Chemical Analysis -general; Geochemical Investigations; Mineralogical Properties; Organic Water Properties; Salinity; Sedimentary History; Water Quality -general; ...2.0815

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Computer Models; Cybernetics; Development of Models; Land Use; River Basins; Urban Environment; Urban Research -general; Watersheds; ...2.0822

GEOCHEMISTRY OF WATERS OF THE HOG CREEK BASIN - HAMILTON, CORYELL, AND BOSQUE COUNTIES, TEXAS ...Agricultural Runoff; Animal Pollutant Sources; Chemical Water Properties; Geology -general; Plant Poliutants; Soil Fertility; ...2.0826

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacterial Pollutant Sources; Coliforms -nonspecific; Filtration; Foreign Agriculture; Hydrolysis, Esterification; Pilot Plants; Recharge (water); Sediments; Turbidity (water); ...2.1023

RELATION OF PASS OPENINGS ON PHYSICAL EXCHANGE AND SALINITY IN ESTUARIES ...Estuaries; Saline Water Intrusion; Salinity (water); Shoreline Structures; Water Resources Planning; ...2.1106

MIXING AND DISPERSION OF CONTAMINANTS IN RESERVOIRS ...Currents (water); Dispersion (water); Lakes; Water Pollutants - Path of; ...2.1108

A STUDY OF SOME OF THE FACTORS WHICH INFLUENCE THE EFFICIENCY OF OXIDATION PONDS IN THE TERTIARY TREATMENT OF WASTE WATER ...Oxidation; Pond; Tertiary Treatment; Waste Water Treatment -general; ...2.1420

INVESTIGATION OF RICE IRRIGATION RETURN FLOWS - TEXAS COASTAL PRAIRIE REGION ...Agricultural Runoff; Fertilizers; Irrigation; Pesticides -nonspecific; Soil Fertility; Water Quality -general; ...2.1421

MANAGEMENT OF INDUSTRIAL WASTE DISCHARGES IN COMPLEX ESTUARINE SYSTEMS ...Data Acquisition; Estuaries; Industrial Wastes; Management (water); Model Studies; Salinity (water); Water Standards & Baselines; ...2.1425

USE OF POLYMERS TO REDUCE OR ELIMINATE SEWER OVERFLOW IN THE BACHMAN CREEK SEWER ...Electrochemistry; Infiltration; Pipe; Storm Sewer Quantity; Storm Water; ...2.1428

DEVELOPMENT OF SYSTEMS FOR GROUND WATER RECHARGE INTO THE OGALLALA FORMATION ...Agricultural Runoff; Filtration; Playas; Ponds; Specific Rock Unit; ...2.1430

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation;

Percolation (water); Pliocene Epoch; Sewage; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

THE DISTRIBUTION AND DENSITY OF MACROBENTHOS IN LAKE ARLINGTON, TEXAS ...Animal Succession; Arthropods; Ecological Effects; Lakes; Range Or Territorial Distr.; ...2.1724

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF JONES BAY ...Animal Habitat Studies; Bays; Construction Industry; Physical Water Properties; ...2.1726

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF MOSES LAKE ...Animal Habitat Studies; Censusing; Data Reduction and Analysis; Lakes; Pre-impoundment Sites; Sediments; ...2.1727

THERMAL STUDY IN WILKES RESERVOIR ...Aquatic Ecology - Animal; Contamination - Water; Electric Power Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1728

BOTTOM SLUDGE ACCUMULATION AND OXYGEN DEMAND IN A POLLUTED ESTUARY ...Aquatic Soils; Environment; Estuaries; ...2.1729

EFFECTS OF SELECTED POLLUTANTS ON CERTAIN GAME AND ROUGH FISH ...Contamination - Water; Environmental Physiology; Industrial Wastes; Pollution Effects -see Water; Water Quality Control -general; ...2.1732

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

WATER RESOURCES STUDY BY TEXAS WATER RESOURCES COMMITTEE ...Administrative Organizations; Finance -see Economics Entries; Legal Studies; State Government; Water - Alternative Uses; ...2.1918

COMMITTEE FOR THE STUDY OF LAND USE AND ENVIRONMENTAL CONTROL ...Land Use; Legal Studies; Legislation - Zoning; State Government; Water Quality Control -general; ...2.1919

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Cost-benefit Analysis; Land Use; Optimization, Economic; Recreation, Outdoor; User Characteristics -rec.; Water Resources Planning; Water Resources Protection; ...2.1920

STUDY OF COST FOR RE-USING MUNICIPAL WASTE FLOWS IN SELECTED TEXAS CITES ...Urban Environment; Water Pollution Sources; Water Reuse; ...3.0055

IMPROVED METHODS, EQUIPMENT AND FACILITIES FOR INEDIBLE ANIMAL BY-PRODUCTS RENDERING PLANTS ...Farm Animal Wastes; Food Engineering & Technology; General Sanitation Methods; Product Development Research; Salmonella - nonspecific & -ot ; Tennessee; ...3.0276

FATE OF POLLUTANTS IN GROUND WATER ...Aquifers; Groundwater; Pesticides -see Pesticide; Water Wells; ...4.0062

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Water Pollutants - Path of; ...4.0185

EPOXIDATION OF CYCLODIENE PESTICIDES BY SOIL BACTERIA ...Cellular Catabolism-see Degrad; Cyclodiene Cpds. -nonspecific; Microorganism-see Cell. Catab.; Pesticide Degradation - see Deg; Pesticide Persistance in Soils; Soil Bacteria; ...4.0486

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Degradation; Insecticides - nonspecific; Pesticide Degradation -see Deg; Pesticide Residues; Pesticides -nonspecific; ...4.0988

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Water Table; ...4.1123

Textile Industry

DETERMINATION OF DEGRADED DYES AND AUXILIARY CHEMICALS IN EFFLUENTS FROM TEXTILE DYEING PROCESSES ...Chromatography; Dye Wastes; Industrial Wastes; Lagoon; Spectrographic Techniques; Waste Water Treatment - general; ...2.0555

REUSE OF PLANT EFFLUENT AND COOLING WATER BLOWDOWN AS PROCESS WATER ...Activated; Biochemical Oxygen Demand; Chemical Oxygen Demand; Digestion; Pond; Sewer Systems; Water Reuse; ...2.0924

CONSERVATION OF WATER AND REDUCTION OF POLLUTION BY USE OF SOLVENT SYSTEMS FOR COLORING TEXTILE MATERIALS ...Dispersants; Fibers; Plastics; Solvent; Waste Material Recovery; Water Conservation -general; Water Quality Control -general; ...2.0958

GAMMA RADIATION OF TEXTILE WASTE WATER TO REDUCE POLLUTION ...Biochemical Oxygen Demand; Chemical Mechanisms & Kinetics; Detergents -see Surfactants; Industrial Wastes; Radiolysis; Temperature; Waste Water Treatment - general; ...2.1141

COLOR REMOVAL FROM TEXTILE DYE WASTES BY COAGULATION ...Biochemical Oxygen Demand; Coagulation; Color; Color (water); Dye Wastes; Electrochemistry; Industrial Wastes; ...2.1142

NONAQUEOUS TREATMENTS TO IMPROVE FABRIC PROPERTIES AND REDUCE WATER POLLUTION ...Chemical Mechanisms & Kinetics; Fabrication; Home Economics; Materials -properties; Water Quality Control -general; ...2.1283

WARP SIZES THAT AVOID STREAM POLLUTIC AND IMPROVE DURABLE-PRESS FABRICS ...Coatings -s... Materials; Fibers; Home Economics; Industrial Wastes; Materials -properties; Plastics; Water Quality Control -general; ...2.1284

TEXTILE WASTE REDUCTION THROUGH RECOVERY AND REUSE OF SYNTHETIC WARP SIZES ...Biochemical Oxygen Demand; Burial; Burning; Industrial Wastes; Waste Material Recovery; Waste Water Degradation; ...2.1357

WATER POLLUTION REDUCTION THROUGH RECOVERY OF DESIZING WASTES ...Biochemical Oxygen Demand; Effluents - Waste Water; Industrial Wastes; Waste Material Recovery; ...2.1358

STUDY OF COSTS OF TREATING TEXTILE WASTES IN MUNICIPAL AND INDUSTRIAL SEWAGE PLANTS ...Georgia; Process Design; Urban Environment; Waste Water Treatment - general; ...2.1416

TREATMENT OF DYEING BATH WASTE STREAMS BY FOAMING AND FLOTATION TECHNIQUES ...Adsorption; Chemical Effects; Dye Wastes; Fibers; Foam; Plastics; Southeast U. S.; ...2.1441

COST-REDUCING TECHNIQUES OF WASTE DISPOSAL AND OPTIMUM USE OF WATER RESOURCES ...Canning Wastes - see Food Proc.; Food Processing Industries; Industrial Wastes; Optimization, Economic; Waste Treatment; Waste Water Treatment -general; Water Quality Control -general; ...2.1890

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Water Quality Control -general; ...2.1913

DEMONSTRATION OF A NEW PROCESS FOR THE TREATMENT OF HIGH POLLUTANT CONCENTRATION TEXTILE AND FINISHING WASTES ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Industrial Wastes; Oxidation; Rhode Island; Waste Treatment Economics; Waste Water Treatment -general; ...3.0307

TREATMENT OF COTTON TEXTILE WASTE BY ENZYMES AND UNIQUE HIGH RATE TRICKLING FILTER SYSTEM ...Aerobic Waste Water Treatment; Catalysts; Effluent-standards; Trickling Filters; Waste Treatment Economics; ...3.0315

Thermal Decomposition

LOW EMISSION FUELS FOR VEHICLES ...Air Pollution-chemistry; Combustion; Engines; Fuel-systems; Fuels; Heat Recovery, Industrial; ...1.0539

CHEMISTRY AND PROPERTIES OF OZONIDES ...Air Pollution - see Specifics; Catalysis, Homogeneous; Hydrolysis, Esterification; Ozonization; Reduction Reactions; Thermochemistry -biophysics; ...1.0880

CARBONIZATION OF MUNCIPAL AND INDUSTRIAL WASTE ...Chemical Analysis -general; Pilot Plants; Sewage - Domestic; Waste Material Recovery; ...3.0039

PHYSICAL AND CHEMICAL CHARACTERISTICS OF AEROSOLS PRODUCED FROM SOLUTIONS OF POLYVALENT NUCLIDES ...Aerosols, Cerium; Chelation & Complexing; Cobalt; Drying; Fire Research -see Forest Fire; Isotope Tracer -see Tracers; Microscopy; Niobium; Radiologic Health; Stibium; Zirconium; ...5.0051

Thermal Neutrons

DIAMOND ORDNANCE RADIATION FACILITY OPERATION ...Radiation Sources -general; Research Reactors; X and Gamma Rays; ...5.0027

FADIATION DOSIMETRY ..Jeta Particles; Energy Conversion; Neutron -see Radiation; Radiation Sources -general; Scintillation Counting; X and Gamma Rays; ...5.0861

Thermal Poll. -see Water Poll.

STRIP-MINING AND WATER QUALITY ...Acidity (water); Chemical Analysis (water); Coal; Erosion; Mine Wastes; Rainfall Simulators; Spoil Banks; ...2.0309

Thermal Treatment

SORPTION BEHAVIOR OF ORGANIC PYROPOLYMERS IN AQUEOUS SOLUTION ...Adsorption; Organics; Pesticides; Porosity; Tertiary Treatment; Waste Water Treatment -general; ...2.1215

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues; Costs -see Economics Entries; Drying; Food Processing Industries; Freeze Drying; Pilot Plants; Precipitation; Waste Drying; Waste Treatment Economics; ...3.0305

Thermochemistry -biophysics

CHEMISTRY AND PROPERTIES OF OZONIDES ...Air Pollution -see Specifics; Catalysis, Homogeneous; Hydrolysis, Esterification; Ozonization; Reduction Reactions; ...1.0880

SOLID WASTE CELLULOSE DEGRADATION BY THERMOACTINOMYCES ...Actinomyces Sp; Cellular Catabolism-see Degrad; Cellular Metabolism - Controls; Plant Waste Removal, Treatment; ...3.0056

RADIATION DAMAGE AND ITS REPAIR IN HUMAN CHROMOSOMES ...Cell Injury and Autolysis; Cellular Metabolism - Controls; Kinetics; Radiation, Low Level; Ultra Violet Radiation; ...5.0158

INTERACTION OF THERMAL AND RADIATIVE PROCESSES IN BIOLOGICAL SYSTEMS ...Catalysts; Colorimetric Methods; Radiation Chemistry -biophys.; Radiation Dose Studies-general; Radiation Effects - Biological; X and Gamma Rays; ...5.0527

Thermodynamics

IMPROVEMENT OF QUALITY OF WATER RESOURCES BY A THREE-FOLD ATTACK - ADSORPTION, SEDIMENTATION AND MIXING ...Adsorption; Adsorption Capacity; Flocculation; Pollutant Removal; Process Design; Water Pollution Abatement; ...2.0905

CORROSION AND ENCRUSTATION MECHANISMS IN WATER SUPPLIES ...Corrosion, Deterioration; Demineralization; Mineralization; Oxidation; Water Wells; ...2.0991

Heat Transmission

A STUDY OF THE FACTORS CONTROLLING THE FORMATION OF LARGE NUMBERS OF CONDENSATION NUCLEI IN CLEAN GLOBAL AIR ...Adirondack Province; Effects; Fog, Haze, Mist; New York; Nucleation; Nucleation Physics; Organic Compounds; ...1.0082

FUNDAMENTALS OF AIR CLEANING BY SORPTION PROCESSES ...Adsorption; Air Cleaning Devices; Air Pollution-chemistry; Infrared Spectroscopy; Mechanism Determination; Spectrographic Techniques; ...1.0596

USE OF ELECTRIC FIELDS IN COMBUSTION ...Air Pollution-chemistry; Combustion; Electric Field; Furnace and Incinerator Design; Furnaces; Incineration; Nitrogen and Nitrogen Cpds.; Pilot Plants; ...1.0638

FLUIDIZED-BED COMBUSTION ...Boilers; Combustion; Combustion Air Pollution-gen; Fluidized Bed Reactor; Fossil Fuels; Furnaces; ...1.0660

CONSULTATION AND ADVISORY SERVICES FOR ROCKET-BORNE CRYOGENIC WHOLE AIR SAMPLER ...Air Pollution Sampling; Analytical Instruments; Consultants, Advisory Services; Temperature Effects; ...1.0684

GENERATION AND DECAY OF SMALL IONS ...Aerosols; Air Pollution-chemistry; Coagulation; Detectors and Sensors; Electroanalyses; Oxidation; Photochemical Reactions; ...1.0731

HOMOGENEOUS NUCLEATION IN CONTAMINATED ATMOSPHERES ...Adsorption; Condensation Physics; Gases; Humidity - Water Vapor; Particulates - Air Pollution; ...1.0882

DYNAMICAL THEORIES OF KNUDSEN AEROSOLS ...Aerosols; Air Pollution-chemistry; Electric Field; Mass Transfer; ...1.0915

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Chemical Analysis -general; Fluid Mechanics; Ion Exchange; Isotope Tracer -see Tracers; Mechanism Determination; Reactors; Sand Filters; Utilization; ...2.0888

MIXING PROCESSES IN ESTUARIES ...Dispersion (water); Estuaries; Flume Studies; Forecasting - Prediction; Physical Models; Stratification (water); Water Pollutants - Path of; ...2.0964

DISSIPATION AND DIFFUSION OF HEAT IN STREAMS AND LAKES ...Energy Conversion; Fluid Mechanics; Heat Flow (water); Lakes; Thermal Pollution; ...2.0993

RESEARCH INITIATION - MIXING AND TRANSFER PROCESSES FOR HEATED EFFLUENTS IN OPEN CHANNEL FLOW ...Channels; Energy Conversion; Flow Characteristics (water); Flume Studies; Heat Flow (water); Physical Models; Thermal Pollution; ...2.1019

DIFFUSION AND TRANSPORT OF CONTAMINANTS IN TURBULENT SHEAR FLOW ...Air Pollution; Atmospheric Dynamics; Pressure Effects; Turbulence; Wind; Wind Tunnels; ...2.1035

HEAT TRANSFER STUDIES ON SLUDGE SUSPENSION ...Digestion; Disposal; Fluid Mechanics; Pipelines, Soil Amendments; Solid Waste; Waste Disposal on Soils; ...3.0263

FIRESIDE METAL WASTAGE IN MUNICIPAL INCINERATORS ...Furnaces and Incinerators; Incineration; Scrubbers; ...3.0264

SPECTRAL MEASUREMENT OF NUCLEAR THERMAL OUTPUT FOR HAZARD PREDICTION ...Military Sciences; Nuclear Detonations; Radiation -see Specifics; Radiation Injury Prevention; ...5.0944

Instrumentation

APPLICATIONS OF CRYOGENIC TECHNIQUES TO PROBLEMS IN AIR POLLUTION ...Air Pollution Monitoring; Atomic Plants; Combustion; Detectors and Sensors; Gases; Nuclear Reactor; Temperature Effects; ...1.0624

Pressure Effects

SELF-ADJUSTING AND SELF-CLEANING FILTER FEASIBILITY STUDY ...Chlorination; Filters-filtration; Materials, Composite; Pollutant Removal; Storm Sewer Quantity; ...2.0882

DIFFUSION AND TRANSPORT OF CONTAMINANTS IN TURBULENT SHEAR FLOW ...Air Pollution; Atmospheric Dynamics; Heat Transmission; Turbulence; Wind; Wind Tunnels; ...2.1035

Temperature Effects

CHEMISTRY OF SULFUR IN HOT COMBUSTION GASES ...Adsorption; Air Pollution-chemistry; Catalysis, Heterogeneous; Chemical Mechanisms & Kinetics; Kinetics; Nitrogen and Nitrogen Cpds.; Oxidation; ...1.0164

APPLICATIONS OF CRYOGENIC TECHNIQUES TO PROBLEMS IN AIR POLLUTION ...Air Pollution Monitoring; Atomic Plants; Combustion; Detectors and Sensors; Gases; Nuclear Reactor; ...1.0624

INVESTIGATION AND ANALYSIS OF GASES AND CRYOGENIC MATERIALS USED IN NAVAL AIRCRAFT ...Air Pollution -see Specifics; ...1.0644

CONSULTATION AND ADVISORY SERVICES FOR ROCKET-BORNE CRYOGENIC WHOLE AIR SAMPLER ...Air Pollution Sampling; Analytical Instruments; Consultants, Advisory Services; Heat Transmission; ...1.0684

EVALUATION OF A NEW 'CRYOGENIC SAMPLER' FOR FIELD USE ...Air Pollution Analysis; Air Pollution Sampling; Air Pollution-chemistry; Analytical Instruments; Concentration; Freeze Drying; Trace Analysis; ...1.0854

MATRIX-ISOLATED SPECTRA OF NITROGEN OXIDES ...Air Pollution-chemistry; Kinetics; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Photolysis; ...1.0909

THE KINETICS OF GAS-SOLID SURFACE REACTIONS AT ELEVATED TEMPERATURES ...Corrosion, Deterioration; Mechanism Determination; Rate of Reaction; ...1.0911

CHEMICAL SLUDGE DISPOSAL AND CHEMICAL RECOVERY AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Burning; District of Columbia; Pilot Plants; Tertiary

Treatment; Vacuum Techniques; Waste Material Recovery; Waste Treatment Economics; ...2.1222

TREATMENT AND DISPOSAL OF CONDENSATE WASTES FROM HIGH LEVEL WASTE SOLIDIFICATION PROCESSES ...Atomic Plants; Crystallization; Distillation; Fuel; Nuclear Reactors; Waste Management -see Specific; ...3.0339

RADIATION INDUCED FREE RADICALS AND RADICAL PAIRS ...Electromagnetic Radiation; Kinetics; Light-catalyzed; Nuclear Radiation; Radiation Induced Chem. React.; ...5.0253

Thermal Cycles

TECHNOLOGICAL AND ECONOMIC FEASIBILITY STUDY OF ADVANCED POWER CYCLES AND METHODS OF PRODUCING NON-POLLUTING FUELS ...Air Pollution-chemistry; Combustion; Desulfurization; Electric Power Generation; Energy Storage -general; Fuels; ...1.0541

Thermal Properties

ODOR REMOVAL FROM AIR BY ADSORPTION ON CHARCOAL ...Adsorption; Data & Statistics Info Storage; Odor; ...1.0560

ADSORPTION RATE STUDIES - AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Gases; Packed Bed Reactor; Sulfur Dioxide Removal; ...1.0569

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Mineralogical Properties; Salt Water; Soil Chemical Properties; Water Pollution Effects; ...2.0698

INTERACTION OF WATER WITH ORGANIC SPECIES ...Constants; Densitometer; Density; Functions and Properties; Waste Water Treatment -general; ...2.1235

Constants

COMPLETE EVALUATION OF STANDARDS FOR MOTOR VEHICLE FUEL COMPOSITION (INCLUDING ADDITIVES) ...Air Pollution-chemistry; Cars; Combustion; Fuels; ...1.0615

COMPLETE FEASIBILITY STUDY OF EVAPORATIVE STANDARDS FOR THE MARKETING OF GASOLINE ...Air Pollution-chemistry; Fuels; ...1.0616

ENTHALPIMETRIC ANALYSIS ...Air Pollution-chemistry; Catalysis, Homogeneous; Chemical Mechanisms & Kinetics; Functions and Properties; Precipitation; Substitution; ...1.0639

SINGLET MOLECULAR OXYGEN - OXIDATION IN POLLUTED AIR ...Air Pollution -see Specifics; Atmospheric Dynamics; Detectors and Sensors; Infrared Spectroscopy; Photosensitizer; Spectrographic Techniques; ...1.0870

MEASURE AND COMPARE REACTIVITIES AND COMPOSITION OF AIR PARCELS FROM BAYONNE, LINDEN, WILLOWBROOK, AND BRONX (ABBREV) ...Air Pollution Sampling; New Jersey; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0903

ADSORPTION OF ORGANIC COMPOUNDS ONTO SOLIDS FROM AQUEOUS SOLUTIONS ...Adsorption; Chemical Mechanisms & Kinetics; Fluid Mechanics; Forecasting - Prediction; Model Studies; Organic Matter; Organics; ...2.0949

INTERACTION OF WATER WITH ORGANIC SPECIES ...Densitometer; Density; Functions and Properties; Thermal Properties; Waste Water Treatment -general; ...2.1235

RECOVERING AND REFINING SECONDARY METALS AND ALLOYS ...Chlorine; Distillation; Lead; Mercury; Metal Processing Wastes; Tin; Zinc; ...3.0378

Diffusion

MIXING PROCESSES IN SATURATED AND UNSATURATED SOIL-WATER SYSTEMS IN RELATION TO POLLUTION ...Chlorine; Fluid Mechanics; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; ...2.0965

DIFFUSION OF THERMALLY BUOYANT WATER JETS INTO A MOVING WATER STREAM ...Density; Fluid Mechanics; Streams; Thermal Pollution; Water Temperature Recorders; ...2.1093

Stability

STUDIES TO PROVIDE DATA CONCERNING THE EFFECTIVENESS STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Disinfectants; Disinfectants & Antiseptics Ns; Field Water Purification; Tropical Regions; ...2.0910

Thermodynamic Methods

Calorimetry

ENTHALPIMETRIC ANALYSIS ...Air Pollution-chemistry; Catalysis, Homogeneous; Chemical Mechanisms & Kinetics; Functions and Properties; Precipitation; Substitution; ...1.0639

PHYSICAL-CHEMICAL PHENOMENA ASSOCIATED WITH ORGANO-COLLOIDAL SURFACE INTERACTIONS ...Adsorption; Colloidal Phenomena; Degradation -see Pesticide Deg; Organic Matter; Spectrographic Techniques; Water Chemistry; Xray Diffraction; ...2.0886

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific; Degradation; Fungi -nonspecific; Industrial Wastes; Photolysis; Pulp and Paper Wastes; Thin Layer Chromatography; Waste Water Degradation; ...3.0284

RADIATION DOSIMETRY ...Physical Dosimetry; Plastics; Protons; Radiation Penetration; ...5.0956

Heat Measurement

ANALYTICAL METHODS EVALUATION SERVICE ...Air Pollution-chemistry; ...1.0809

INVESTIGATION OF PRESENT THERMAL REGIME OF MISSOURI RIVER IN MISSOURI ...Aircraft Remote Sensing; Depth (water); Energy Conversion; Infrared Radiation; Missouri River; Thermal Pollution; Water Temperature Recorders; ...2.0227

NAVY ENVIRONMENT--SURFACE FILM EFFECTS ON APPARENT INFRARED TEMPERATURES ...Emissivity; Reflection; Water; ...2.1583

Thermodynamic Relations

Functions and Properties

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE USE OF REACTIVITY SCALES FOR PREDICTING CHEMICAL REACTIVITIES OF HC-NOX MIXTURES ...Aerosols; Air Pollution -see Specifics; Aldehydes -nonspecific; Dosimetry; Light-catalyzed; Nitrogen and Nitrogen Cpds.; Ultra Violet Radiation; ...1.0238

ENTHALPIMETRIC ANALYSIS ...Air Pollution-chemistry; Catalysis, Homogeneous; Chemical Mechanisms & Kinetics; Precipitation; Substitution; ...1.0639

EXPERIMENTAL LASER MEASUREMENT RESEARCH ...Air Pollution Analysis; Air Pollution-chemistry; Lasers and Masers; Plasmas; ...1.0683

AIR POLLUTION CHEMISTRY BY PHOTOFRAGMENT SPECTROSCOPY ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Photolysis; ...1.0873

INTERACTION OF WATER WITH ORGANIC SPECIES ...Constants; Densitometer; Density; Thermal Properties; Waste Water Treatment -general; ...2.1235

THERMODYNAMICS OF WASTE STABILIZATION PONDS ...Model Studies; Photosynthesis; Pond; ...2.1436

Statistical

STATISTICAL METHODS IN AEROSOL STUDIES ...Aerosols; Air Pollution Analysis; Air Pollution-chemistry; Coalescence; Literature Search; Stochastic Processes; ...1.0878

REACTIONS OF SO2 WITH HYDROCARBONS, CO AND H2 ...Air Pollution-chemistry; Catalysis, Heterogeneous; Catalytic; Temperature; ...1.0897

Thermodynamics -biophysics

BEHAVIOR OF DILUTE SOLUTIONS OF MERCURIC SALTS ...Catalysts; Mechanism Determination; Mercury; Oxidation; Reduction Reactions; Toxicology; Water Pollution Sources; ...4.0779

BASIC EFFECTS OF MICROWAVES ON BIOCHEMICAL PROCESSES ...Interaction With Matter; Physical Mutagenesis; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Sources -general; ...5.0454

Free Energy, Equilibrium Const

MECHANISM FOR THE CONCENTRATION OF BACTERIA IN JET AND FILM DROPS ...Bacterial Ecology; Bacterial Pollutant Sources; Bubbles; Serratia; ...2.0257

Isotope Effects

PHOTOSENSITIZED OXYGENATIONS ...Air Pollution -see Specifics; Mechanism Determination; Photoactivation and React; Pollution Effects -see Water; Vertebrates -nonspecific; ...1.0889

INTEGRATED WASTE MANAGEMENT - WATER SYSTEM USING RADIOISOTOPES FOR THERMAL ENERGY ...Biological Waste Recycling; Feces; Radioisotopes; Urine; Waste Treatment - Radiation; Water Supply Facilities; ...3.0290

Kinetics

EARLY DIAGNOSIS OF POLLUTION-INDUCED PLANT DAMAGE ...Air Pollution -see Specifics; Chenopodiacese; Nicotiana; Photosynthesis; Vegetables; ...1.0424

KINETICS OF MICROBIOLOGICALLY MEDIATED TRANSFORMATIONS OF HEAVY METALS IN AQUATIC ENVIRONMENTS ...Acidity (water); Estuaries; Lakes; Mathematical Models; Mercury; Zinc; ...2.0261

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Carbon; Cellular Catabolism-see Degrad; Eutrophic Lakes; Water Bacteria; ...2.0323

METABOLISM OF FIXED NITROGEN BY PLANTS AND BACTERIA ...Algae - Cyanophyta; Azotobacter; Clostridia; Eutrophication; ...2.0439

KINETICS OF BIOLOGICAL FILTERS ...Aerobic Waste Water Treatment; Cellular Model Systems; Mathematical Models; Microorganisms -nonspecific; Organics; Trickling Filters; ...2.0943

DEVELOPMENT OF METHODOLOGY FOR ISOLATION OF VIRUSES FROM WATER ...Adsorption; Ionic Effect; Spectrographic Techniques; Viral Pollutant Sources; Viruses - Animal; Water Pollution -see Specifics; ...2.0954

INVESTIGATIONS OF ZOOGLOEAL FLOCS ...Bacterial Classification; Bacterial Identification; Flocculation; Model Studies; Waste Water Treatment -general; ...2.1461

IDENTIFICATION OF LIMITING FACTORS IN THE BIOLOGICAL TREATMENT OF SEWAGE ...Activated; Literature Search; Model Studies; Pilot Plants; Sewage Bacteria; ...3.0102

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Adenosine Diphosphate; Cotoran; Glycine; Herbicides and Other Chem; Oligomycin; Pesticide Formulation; Pesticide Phytotoxicity; Triazines -nonspecific; ...4.0215

PESTICIDES IN MAMMALIAN CELL SYSTEMS ...Cellular Biosynthesis; DDT; Dieldrin; Laboratory Animals; Mammals -nonspecific; Pesticide Action on Animals; ...4.0533

THE INFLUENCE OF ENVIRONMENTAL AGENTS ON THE GENESIS OF RIBOSOMES IN MAMMALIAN CELLS ...Cellular Biosynthesis; Cellular Physiology- Env. Eff.; Chlorinated Hydrocarbons; Environmental Effects - Human; Laboratory Animals; Pesticide Action on Animals; ...4.0783

DEVELOPMENT & APPLICATION OF QUANTITATIVE TISSUE CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Cell Membrane Permeability; Cellular Model Systems; Ionic Effect; Rotenone; Water Pollutant Identification; ...4.1108

KINETICS OF HEMATOPOIETIC REPOPULATION FOLLOWING IRRADIATION INJURY ...Bacterial Endotoxins; Radiation; Radiation Injury Prevention; Radiation, Low Level; ...5.0135

BIOLOGICAL CONTROL PROCESSES AND RADIATION ...Bacteriophage; Cellular Biosynthesis; Escherichia Coli; Metabolism and Biochemistry; Radiation, ...5.0142

RADIATION CHEMISTRY OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Radiation Chemistry -biophys.; Radiation Sensitivity -man; X and Gamma Rays; ...5.0156

RADIATION DAMAGE AND ITS REPAIR IN HUMAN CHROMOSOMES ...Cell Injury and Autolysis; Cellular Metabolism - Controls; Radiation, Low Level; Ultra Violet Radiation; ...5.0158

PHOTO- AND RADIOCHEMICAL REACTIONS OF NUCLEIC ACIDS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; Radiation Chemistry -biophys.; X and Gamma Rays; ...5.0170

PULSE RADIOLYSIS STUDIES ...Ionizing Radiation -see Rad.; Radiation; Radiation Chemistry -biophys.; Radiation Injury Prevention; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0176

RADIATION EFFECTS IN CHEMISTRY AND BIOCHEMISTRY ...Biochemical Analysis - Tissues; Hydrophobic; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Induced Chem. React.; Radiation Sources -general; ...5.0202

PULSE RADIOLYSIS IN RADIATION BIOLOGY ...Chemical Mechanisms & Kinetics; Pulse Radiolysis; Radiation Chemistry - biophys.; Radiation Sources -general; ...5.0298

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Hydrogen; Isotope Tracer -see Tracers; Mass Spectroscopy; Polymerization; Radiation Induced Chem. React.; Ultra Violet Radiation; ...5.0353

PLACENTAL PROGESTERONE SYNTHESIS FEEDBACK CONTROL AND RADIATION SENSITIVITY ...Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Radiation Sensitivity - man; X and Gamma Rays; ...5.0473

HEMOGLOBIN BIOSYNTHESIS ...Cellular Biosynthesis; Radiation; ...5.0528

RADIATION RECOVERY MECHANISMS OF G1 AND G2 CELLS IN THE MITOTIC CYCLE OF PISUM ROOT MERISTEMS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Growth; Nucleic Acid Compounds; Plants; Radiation Effects -see Rad.; Radioisotopes -nonspecific; ...5.0538

RADIATION RESPONSE OF THE CELL MEMBRANE ...Cell Injury and Autolysis; Ionic Effect; Permeability; Radiation; Radiation Dose Studies-general; X and Gamma Rays; ...5.0562

RADIATION RESPONSE OF A SUB S SPERMATOGONIA ...Cell Injury and Autolysis; Radiation; Radiation Sources -general; Rate of Mutation; ...5.0642

X-RAY-INDUCED DAMAGE TO THE DNA OF HAEMOPHILUS INFLUENZAE AND CELLULAR RESPONSE TO THAT DAMAGE ...Bacterial Population Surveys; Cellular Biosynthesis; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0644

RADIATION RESPONSE OF IN VITRO MAMMALIAN CELLS ...Cancer; Cellular Model Systems; Cellular Viability; Ionizing Radiation -see Rad.; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0693

Tides

WATER QUALITY AND NUTRIENTS, SACRAMENTO-SAN JOAQUIN RIVER SYSTEM ...Animal Productivity; California; Eutrophication; Fish; Nutrients; Organic Water Properties; Plankton; ...2.0041

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Copepoda; Eutrophication; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Puget Sound; Wind; ...2.0423

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Gulf of Mexico; Marine Environments; Marine Pollution; Ocean Currents; Ocean Hydrodynamics; Sea Water Chemistry; Ships and Cruises; Temperature; Water Movement -general; ...2.0509

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Estuaries; Geology -general; River Basins; Soil Tillage; Water Depth, Water Levels; Water Table; Wind; ...2.0558

TIDAL DISCHARGE RESEARCH, NEW JERSEY ...Data Acquisition; Estuaries; New Jersey; Suspension; Water Quality -general; ...2.0682

STUDY OF AN UNSPOILED ESTUARY ...Bays; Management (water); Water Quality -general; Water Supply Development; ...2.0745

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Data Reduction and Analysis; Estuaries; Mathematical Models; Radioactivity; Streams; Water Pollution Sources; ...2.0749

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Coastlines - Shorelines; Economic Geology -general; Infrared Radiation; Legal Studies-general; Navigation; Tidewater Areas; Water Quality -general; ...2.0795

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Absorbed Load; Channels; Chemical Water Properties; Estuaries; Mineralogical Properties; Streams; Water Pollutants - Path of; ...2.1086

UTILIZATION OF PHYSICAL AND MATHEMATICAL MODELS IN ESTUARINE WATER RESOURCES RESEARCH AND MANAGEMENT ...Analog Computer Applications; Dispersion (water); Estuaries; Management (water); Mathematical Models; ...2.1122

FRESH-SALT WATER IN ESTUARIES SEDIMENTATION PROCESSES ...Estuaries; Marine Environments; Physical Models; Rate of Deposition, Suspension; Turbidity (water); Virginia; ...2.1123

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; ...2.1124

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1575

TEMPERATURE REGIMEN IN TIDAL WATERS ...Aquatic Ecology - Animal; Biological Effects; Ecological Effects; Model Studies; Water Purification; ...2.1644

EFFECTS OF CHEMICALLY AND BIOLOGICALLY MODIFIED PULPING EFFLUENTS ON THE PRODUCTION OF FISH ...Animal Productivity; Effluents - Waste Water; Fish and Shellfish; Irrigation; Pollution Effects -see Water; Water Purification; ...2.1676

PHYSICAL FACTORS AFFECTING OREGON COASTAL POLLUTION ...Circulation (water); Density; Marine Environments; Oregon; ...2.1683

DEPENDENCE OF FISH ON TIDAL MARSHES ...Aquatic Ecology - Animal; Computer Models; Management (water); Model Studies; ...2.1695

MATHEMATICAL WATER QUALITY PLANNING MODELS ...Bays; Harbors; Massachusetts; Model Studies; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.1850

PESTICIDE KINETICS ...Bottom Sampling; Degradation; Environment Accumulation Rates; Marine Biology - General; Pesticide Residues; Pesticides -see Pesticide; Tidewater Areas; Water Standards & Baselines; ...4.0024

Tidewater Areas

MOSQUITO CONTROL - TIDAL MARSHES ...Chemical Analysis; Land Use, Modification Effects; Pesticide Action on Animals; Physical Control; Swamps - Marshes; ...2.0252

EUTROPHICATION TIDAL WATERS ...Algal Physiology; Brackish Water; Estuaries; Marine Plants; New York; Optical Properties of Water; ...2.0262

BENTHAL SULFIDE RELEASE IN AQUATIC SYSTEMS ...Aquatic Soils; Chemical Analysis -general; Detectors and Sensors; Marine Environments; Oregon; ...2.0317

DISSOLVED OXYGEN AND OXYGEN DEMAND IN A SALT MARSH BORDERED ESTUARY ...Biological Water Properties; Computer Models; Georgia; Physical Water Properties; ...2.0559

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Habitat Studies; Boat Discharges; Forecasting - Prediction; Mathematical Models; New York; Swamps - Marshes; Water Bacteria; Waterfowl -nonspecific; ...2.0693

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR ESTUARY POLLUTION CONTROL ...Aeration (water); Boundary Layer Studies; Estuaries; Organic Matter; Water Quality Control -general; ...2.0694

TIDAL FLATS IN ESTUARINE WATER QUALITY ...Estuaries; Mathematical Models; Water Quality -general; ...2.0739

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Coastlines - Shorelines; Economic Geology -general; Infrared Radiation; Legal Studies-general; Navigation; Tides; Water Quality -general; ...2.0795

RESTORATION DYNAMICS FOR ESTUARIES ...Estuaries; Maine; Marine Environments; Rehabilitation -streams -lakes; ...2.1030

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

TEMPERATURE REGIMEN IN TIDAL WATERS ...Aquatic Ecology - Animal; Biological Effects; Ecological Effects; Model Studies; Tides; Water Purification; ...2.1644

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

CHARACTERISTICS OF ORGANIC SUBSTANCES IN TIDAL MARSHES AND BENTHIC ENVIRONMENTS ...Ecological Effects; Estuaries; Marine Environments; Organic Matter; Organic Properties; Swamps - Marshes; ...2.1696

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Water Pollution Abatement; Water Supply -general; ...2.1842

PESTICIDE KINETICS ...Bottom Sampling; Degradation; Environment Accumulation Rates; Marine Biology - General; Pesticide Residues; Pesticides -see Pesticide; Water Standards & Baselines; ...4.0024

Tillage, Cropping Systems

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Lead; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Range Management; Sediments; Southwest U. S.; ...2.0016

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Water Quality -general; ...2.0098

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Water Pollutants - Path of; ...2.0099

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Water Pollutants - Path of; ...2.0105

ROLE OF FERTILIZERS IN WATER POLLUTION ...Agricultural Runoff; Drainage; Fertilizers; Leaching; Water Table - Depth of; ...2.0134

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles; Infiltration; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types -also See Specifics; ...2.0147

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Agricultural Runoff; Atrazine; Fertilizers; Irrigation; Leaching; Pesticide Aquatic Cycling; Pesticides -see Pesticide; ...2.0725

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Forecasting - Prediction; Fruit, Nut, and Berry Crops; Soil Depth; Soil Types -also See Specifics; Water Table; ...2.1227

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Waste Water Treatment -general; Water Pollution Effects; ...2.1665

EFFECTS OF SUGAR REFINING LOGOON EFFLUENTS ON FARGO CLAY ...Biochemical Oxygen Demand; Chemical Effects; Effluents - Waste Water; Infiltration; Sewage Lagoons; ...2.1666

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Zea Mays - Field Corn; ...3.0368

CONTROL OF FIELD BINDWEED, BLUEWEED, ETC. ...Boraginaceae; Convolvulaceae; Diuron; Glycine; Mcpa; Pba; Pesticide Drift; Pesticide Phytotoxicity; Plant Resistance; Solanum; Tba; Ves-438; ...4.0069

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; Vegetables; ...4.0103

LONG-TERM EFFECTS OF DIFFERENT SYSTEMS OF WEED CONTROL IN CROP ROTATIONS ON ECOLOGY AND CROP PRODUCT ...Microorganisms -nonspecific; Pesticide Action on Plants; Pesticide Residue Analysis; Soil Chemical Properties; Soil Microbiology; ...4.0105

ANNUAL AND PERENNIAL WEED CONTROL IN SORGHUM, WINTER WHEAT AND SUMMER FALLOWED LAND ...Atrazine; Chemical Tillage Or Nontillage; Minimum Tillage; Pesticide Evaluation; Pesticide Persistance in Soils; Sorghum; ...4.0113

EQUIPMENT AND TECHNIQUES FOR CHEMICAL CONTROL OF WEEDS IN CORN AND SOYBEANS ...Formulations -nonspecific; Granules, Capsules; Liquids Or Sprays; Mulches; Pesticide Application Equip.; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Zea Mays - Field Corn; ...4.0138

REPLACEMENT OF CULTIVATION WITH CHEMICALS ...Algae -nonspecific; Bacteria -nonspecific; Chenopodiaceae; Herbicides - nonspecific; Poland; Soil Chemical Properties; Soil Moisture; ...4.0168

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

CULTURE AND PHYSIOLOGY OF FLUE-CURED TOBACCO ...Air Pollution-chemistry; Growth Substances; Nicotiana; Pesticide Action on Plants; Pesticides -other; ...4.0295

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species; Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Toxaphene; Vegetables; ...4.0375

STUDIES ON VINEYARD TILLAGE ...Convolvulaceae; D, 2,4-; Diuron; Pesticide Application Rates; Pesticide Formulation; Pesticide Safety Measures; Simazine; Terbacil; Vitaceae; ...4.0415

WEED CONTROL IN PASTURES AND FORAGE CROPS ...Agropyron; Cyperaceae; Dalapon; Medicago; Pesticide Degradation -see Deg; Pesticide Interaction With Env; Pesticide Residues; 2,4-db; ...4.0419

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Panicum -other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Tillage; Zea Mays - Field Corn; ...4.0445

IMPROVEMENTS OF FLUE-CURED TOBACCO BY DEVELOPMENT OF MORE ADEQUATE FERTILIZATION, AND CROPPING SYSTE ...Penar; Pesticide Evaluation; Pesticide Phytotoxicity; Plant Tissue Analysis -chem.; Soil Tillage; Space Competition; ...4.0476

Tin

RECOVERING AND REFINING SECONDARY METALS AND ALLOYS ...Chlorine; Constants; Distillation; Lead; Mercury; Metal Processing Wastes; Zinc; ...3.0378

Tobacco Products &/or Smoking

THE EFFECT OF INFLUENZA VIRUS AND NICOTINE ON THE NUCLEAR STRUCTURE OF CILIATED HUMAN EPITHELIUM ...Air Pollution -see Specifics; Mammals -nonspecific; Respiratory Irritants, Inhaled; Time-lapse Photography; Viral Carcinogenesis; ...1.0199

URBAN CHRONIC DISEASE EPIDEMIOLOGICAL STUDY PROGRAM ...Air Pollution -see Specifics; Environmental Effects - Human; Occupational Hazards; Social Aspects; Urban Environment; ...1.0224

BRITISH-NORWEGIAN MIGRANT STUDY ...Air Pollution -see Specifics; Health & Geographic Factors; Occupational Hazards; Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0291

ESR STUDIES OF BIOCHEMICAL EFFECTS OF ATMOSPHERIC POLLUTANTS ...Air Pollution-chemistry; Free Radical Reactions; Gases; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Tobacco -cigarettes; ...1.0299

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Cladosporium; Herbicides -nonspecific; Mucor; Penicillium; Pesticide Toxicity to Microorg; Tobacco -cigarettes; Toxic Substances; ...4.0800

BIOASSAY OF SUCKER CONTROL CHEMICALS AND PESTICIDE RESIDUE ON LEAF TOBACCO ...Bioassay; Carbon; Maleic Hydrazide; Nicotiana; Pesticide Residues; Tween-80 -see Surfactants; ...4.0968

PREVENTING INSECT DAMAGE TO TOBACCO AND TOBACCO PRODUCTS IN MARKETING CHANNELS ...Bacilli -nonspecific; Nicotiana; Pesticide Evaluation; Pesticide Toxicity in Animals; Physical Control; Temperature - Air; ...4.1127

Tobacco -cigarettes

REDUCTION OF POLYCYCLIC AROMATIC HYDROCARBONS ...Air Pollution -see Specifics; Catalysts; Combustion; Fire Research -see Forest Fire; Food Contamination; Fuels; Mass Spectroscopy; Pyrolysis; Thin Layer Chromatography; ...1.0149

TOBACCO SMOKE AND LUNG BIOCHEMISTRY ...Air Pollution -see Specifics; Cell Injury and Autolysis; Mammals -nonspecific; Respiratory Irritants, Inhaled; Toxicology; ...1.0171

EFFECTS OF CIGARETTE SMOKE ON THE PULMONARY LYMPHORETICULAR SYSTEM ...Air Pollution -see Specifics; Muridae; Respiratory Irritants, Inhaled; Toxicology; ...1.0172

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aircraft; Aviation Medicine; Detectors and Sensors; Military Personnel; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Tobacco - cigars; Toxic Substances; ...1.0194

AUTOMOBILE EXHAUST AND CHRONIC RESPIRATORY DISEASE ...Air Pollution -see Specifics; Bacteria -nonspecific; Carbon Monoxide; Engines; Environmental Effects - Human; Lead; Respiratory Disease; ...1.0212

RESPIRATORY DISEASE AND ENVIRONMENTAL EXPOSURES ...Air Pollution -see Specifics; Asbestos; Environmental Effects - Human; Factory Workers; Occupational Hazards; Respiratory Disease; Respiratory Irritants, Inhaled; ...1.0214

EVALUATION OF CARCINOGENIC AGENTS IN CIGARETTE SMOKE ...Air Pollution -see Specifics; Bioassays; Biochemical Analysis - Tissues; Chemical Carcinogenesis; Petroleum Cpds. - nonspecific; ...1.0225

PULMONARY DEPOSITION AND CLEARANCE OF DUST IN MAN ...Air Pollution -see Specifics; Digestive System - Human; Dust; Equidae; Medical Physics; Respiratory Irritants, Inhaled; Urban Environment; ...1.0230

ESR STUDIES OF BIOCHEMICAL EFFECTS OF ATMOSPHERIC POLLUTANTS ...Air Pollution-chemistry; Free Radical Reactions; Gases; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Tobacco Products &/or Smoking; ...1.0299

A BIOLOGIC INDICATOR FOR AIR POLLUTION ...Air Pollution -see Specifics; Cavildae; Environmental Effects - Human; Occupational Hazards; Rural Areas; ...1.0317

EFFECTS OF CIGARETTE SMOKE ON PLANT CELLS IN TISSUE CULTURES ...Air Pollution -see Specifics; Allium; Bioassays; Gases; Herbicides and Other Chem; Lemnaceae; Nicotiana; ...1.0349

BIOENGINEERING ASPECTS OF AIR POLLUTION ...Aerosols; Air Pollution -see Specifics; Models (physical) of Anim.&man; Respiratory Irritants, Inhaled; Smog -see Air Pollution; Smoke; ...1.0677

PREPARATION AND BIOASSAY OF SMOKE CONDENSATE FROM TOBACCO SAMPLES ...Bioassays; Co-carcinogenesis; Maleic Hydrazide; Nicotiana; Pesticide Rates -general; Tween-80 -see Surfactants; ...4.0405

THE DEGRADATION OF DDT, TDE, AND DIELDRIN IN THE CIGARETTE MAIN-STREAM AND SIDE-STREAM SMOKES ...Chemical Degradation; DDT; Dieldrin; Pesticide Toxicity in Humans; TDE; Toxicology; ...4.0422

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Cladosporium; Herbicides -nonspecific; Mucor; Penicillium; Pesticide Toxicity to Microorg; Toxic Substances; ...4.0800

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Animal; Bos; DDE; Dichlobenil; Furadan; Glycine; Nicotiana; Pesticide Residue Analysis; Pesticides - other; Quail; Terbacil; ...4.0972

BIO-ASSAY OF SMOKE CONDENSATE FROM TOBACCO TREATED WITH AGRICULTURAL CHEMICALS ...Bioassays; Chemical Carcinogenesis; Pesticide Toxicity in Humans; Pesticides -nonspecific; Rodentia -other; ...4.1077

KINDS AND LEVELS OF PESTICIDES OR METABOLIC PRODUCTS IN TOBACCO LEAF AND SMOKE ...Fungicides - nonspecific; Maleic Hydrazide; Nicotiana; Pesticide Rates - general; Pesticides -other; ...4.1089

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Dichlobenil; Groundwater; Pesticide Legal Aspects; Pesticide Persistance in Soils; Soil Chemical Properties, Terbacil; Water Pollutants - Path of; ...4.1091

HEALTH HAZARDS OF URANIUM MINERS OF THE COLORADO PLATEAU ...Colorado; Environmental Effects - Human; Miners; Radiation Carcinogenesis; Radiation Sources - general; Radon; Respiratory Irritants, Inhaled; Uranium; ...5.0044

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology; Fish; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...5.0371

URANIUM MINERS EXFOLIATIVE PATHOLOGY ...Canidae; Occupational Hazards; Plutonium; Radiation Effects - Biological; Radon; Uranium; ...5.0737

INHALATION HAZARDS TO URANIUM MINERS, BIOLOGICAL STUDIES ...Air Pollution -see Specifics; Canidae; Co-carcinogenesis; Miners; Radiation Carcinogenesis; Radon; ...5.0754

STUDIES ON THE EFFECTS (BIOCHEMICAL, MORBIDITY AND MORTALITY) OF RADIOACTIVE CONSTITUENTS OF URANIUM ORE ON HEALTH OF WORKERS ...Air Pollution - see Specifics; Miners; Occupational Hazards; Radiation Carcinogenesis; Respiratory Disease; Uranium; ...5.0770

Tobacco -cigars

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aircraft; Aviation Medicine; Detectors and Sensors; Military Personnel; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Toxic Substances; ...1.0194

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; ...4.0281

Tobacco -pipe

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aircraft; Aviation Medicine; Detectors and Sensors; Military Personnel; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Tobacco - cigars; Toxic Substances; ...1.0194

Tobacco -wrapper

CHEMICAL CONTROL AND PHYSICAL AUTECOLOGY OF INSECTS ATTACKING CIGAR-WRAPPER TOBACCO ...Azodrin; Chlorphenamidine; Dipterex; Furadan; Liquids Or Sprays; Nicotiana; Pesticide Action on Animals; Pesticide Interaction With Env; Pesticide Phytotoxicity; Tartan; Temperature - Soil; Tobacco -cigars; ...4.0281

Topography

SOUND PROPAGATION AND ATTENUATION CHARACTERISTICS OVER A HEAVILY VEGETATED TERRAIN ...Audio Frequencies -see Noise; Electromagnetic Propagation; Electronic Detection, Tracking; Noise; Signal Analysis; Sound Attenuation Acoustics; Terrain Analysis; ...6.0001

Towns

A SOCIO-ENVIRONMENTAL STUDY OF A RIVER VALLEY ...Costs -see Economics Entries; Mammals -nonspecific; Ohio; River Basins; Social Aspects; ...2.1894

APPLICATION OF DYNAMIC AND LINEAR PROGRAMMING TO URBAN DEVELOPMENT ...Fiscal Analysis -general; Public Utilities; Storm Sewer Quantity; Taxes - State Or Local; Urban Roads; Water Supply Facilities; ...3.0082

Toxic Substances

COMBUSTION PRODUCTS FROM THE INCINERATION OF PLASTICS ...Air Pollution -see Specifics; Occupational Hazards; Toxicology; ...1.0065

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD ...Atmospheric Dynamics; Environment Accumulation Rates; Environmental Hazards; Lead; Mercury; Pesticides -nonspecific; Seismology; Toxicology; Water Pollutants - Path of; ...1.0189

TOBACCO SMOKE CONTAMINATION IN AIR TRANSPORT AIRCRAFT ...Aerospace Studies; Air Pollution -see Specifics; Aircraft; Aviation Medicine; Detectors and Sensors; Military Personnel; Nitrogen and Nitrogen Cpds.; Sulfur Dioxide; Tobacco - cigars; ...1.0194

ENVIRONMENTAL TOXICANTS AND PERINATAL DEVELOPMENT ...Air Pollution -see Specifics; Mammalian Embryology; ...1.0206

FACTORS AFFECTING EXCRETION OF INDUSTRIAL POISONS ...Air Pollution-chemistry; Biochemical Analysis - Tissues; Occupational Hazards; Toxicology; Urine; ...1.0215

AEROBIOLOGY PROGRAM ...Aerobiology; Air Pollution -see Specifics; Conservation of Ecosystems; Microorganisms -nonspecific; Plant Pathology - Env. Relat.; Range Or Territorial Distr.; ...1.0216

TOXIC EFFECTS OF AIR FORCE CHEMICALS AND MATERIALS ...Air Pollution -see Specifics; Aviation Medicine; Environmental Effects - Human; Mammals -nonspecific; Military Personnel; Occupational Hazards; Toxicology; ...1.0218

EFFECTS OF AIR FORCE PROPELLANTS ON THE METABOLISM AND BIOCHEMISTRY OF BODY ORGANS ...Digestive System - Human; Fire Research -see Forest Fire; Mammals -nonspecific; Propellants; Toxicology; ...1.0286

A LONGITUDINAL CORRELATION OF PULMONARY FUNCTION STUDIES WITH PATIENTS HISTORY ...Air Pollution - see Specifics; Respiratory Irritants, Inhaled; ...1.0303

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Environmental Modification; Pathological Physiology; Respiration; ...1.0333

SPREADING OF LEAD IN RURAL AREAS ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Food Contamination; Lead; Rural Areas; Water Pollutants - Path of; X-ray Spectroscopy; ...1.0703

DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR THE MEASUREMENT OF TRACE CONTAMINANTS IN AIR FORCE MANNED WEAPON SYSTEMS ...Aviation Medicine; Controlled Atmosphere; Electron Spectroscopy; Military Personnel; Respiratory Irritants, Inhaled; Trace Analysis; ...1.0848

NAVY ENVIRONMENT SUITABILITY OF SALIVA SAMPLING FOR MONITORING BLOOD LEVELS OF INHALED POISONS AND OF ADMINISTERED MEDICATION ...Digestive System - Human; Environmental Effects - Human; Military Personnel; Occupational Hazards; Respiratory Irritants, Inhaled; Toxicology; ...1.0853

TOXIC MATERIALS IN NUCLEAR SUBMARINES ...Air Pollution -see Specifics; Air Pollution-chemistry; Degradation; Marine Materials; Submarine & Diving Medicine; Toxicology; ...1.0888

MICROBIAL DEGRADATION OF ORGANIC POLLUTANTS OF INDUSTRIAL ORIGIN ...Bacterial Population Surveys; Industrial Wastes; Pilot Plants; Radioisotopes -nonspecific; Waste Water Treatment -general; ...2.0176

SEPARATION AND IDENTIFICATION OF TOXIC COMPOUNDS IN OIL REFINERY EFFLUENTS ...Atomic Absorption; Chromatography; Effluents - Waste Water; Industrial Wastes; Mass Spectroscopy; Petroleum Research; Waste Management -see Specific; Waste Water Treatment -general; ...2.0316

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Contamination - Water; Cyprinodontidae; Environmental Physiology; Temperature (water); Toxicology; Water Pollution -see Specifics; Water Pollution Effects; ...2.0614

THE INVESTIGATION AND ANALYSIS OF BIOCHEMICAL PROCESSES OF AQUATIC ORGANISMS UNDER STRESS ...Animal Pharmacology; Biochemical Analysis - Tissues; Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Fish; Physiological Effects; Water Standards & Baselines; ...2.0639

DEVELOPMENT OF A METHOD FOR CHRONIC TOXICITY BIOASSAY USING MARINE PLANKTONIC ALGAE ...Algae - nonspecific; Bioassays; Lower Plants; Plant Population Dynamics - gen; Water Pollutant Identification; ...2.0788

USE OF MARINE PLANKTONIC ORGANISMS FOR EVALUATING THE QUALITY OF MARINE AND ESTUARINE WATERS ...Animal Life History Studies; Bioassays; Estuaries; Phytoplankton; Water Pollutant Identification; Water Quality -general; ...2.0790

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl. Adsorption); Arsenic; Chemical Properties; Contamination - Soil; Industrial

Wastes; Particulates - Air Pollution; Precipitation; Soil Chemical Properties; Water Pollutants - Path of; ...2.0862

CHRONIC EFFECTS OF HEAVY METALS ON FISH ...Animal Pharmacology; Contamination - Water; Lepomis Macrochirus; Percidae; Pollution Effects -see Water; Radioisotopes -nonspecific; Zinc; ...2.1597

COMPARATIVE TOXICITIES OF METALS TO ESTUARINE FISHES ...Aluminum; Bioassays; Cyprinodontidae; Environmental Physiology; Industrial Wastes; Marine Animals; ...2.1701

THE ECOLOGY OF THE MICROBIAL POPULATION OF ACTIVATED SLUDGE ...Activated; Degradation -see Pesticide Deg. Mechanism Determination; Waste Management -see Specific; ...3.0021

SOIL PRODUCTIVITY AS AFFECTED BY MICROBIAL ACTIVITY IN CROP RESIDUES AND ANIMAL WASTES ...Bioindicators; Patulin; Plant Residues, Humus, Compost; Soil Chemical Properties; Soil Microbiology; Soil Temp. -non-specific; Stubble Mulching; Triticum; ...3.0389

COMPOUNDS IN WEEDS RESPONSIBLE FOR DORMANCY AND THE REDUCTION OF CROP YIELDS ...Agropyron; Glycine; Growth; Lycopersicum; Plant Toxins; Sorghum; Triticum; ...4.0346

BIOCHEMICAL AND PHYSIOLOGIC RESPONSE TO TOXIC STRESS ...Cellular Metabolism - Controls; Environmental Effects - Human; Insecticides -nonspecific; Muridae; Pesticide Action on Animals; ...4.0657

EFFECT OF METHYLENEDIOXYPHENYL SYNERGISTS AND RELATED COMPOUNDS ON MICROSOMAL DRUG METABOLIZING ENZYMES ...Environmental Effects - Human; Laboratory Animals; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Piperonyl Butoxide; Toxicology; ...4.0782

POST HARVEST MOLDS AND DECAYS OF TOBACCO ...Alternaria; Bacteria -nonspecific; Cladosporium; Herbicides -nonspecific; Mucor; Penicillium; Pesticide Toxicity to Microorg; Tobacco -cigarettes; ...4.0800

DETECTION OF PESTICIDE EXPOSURE - EVALUATION OF BLOOD CHOLINESTERASE VALUES ...Biochemical Analysis - Tissues; Organophosphorous Cpds.; Pesticide Residue Analysis; Pesticide Toxicity in Humans; Toxicology; ...4.0811

EFFECT OF ENVIRONMENTAL PARAMETERS ON PESTICIDAL STABILITY ...Degradation; Environmental Effects - Human; Metabolites From Pesticides; Piperonyl Butoxide; Radiation Sources -general; ...4.1087

LATE EFFECTS OF RADIATION IN MAMMALS ...Iodine; Mammals -nonspecific; Radiation Chemistry -biophys.; Radiation, Lethal Dose; Radiation, Whole Body; Radiologic Health; X and Gamma Rays; ...5.0149

MODIFICATION OF RADIATION RESPONSE IN VITRO ...Anoxia and Hypoxia; Cellular Repair Mechanisms; Cricetus; Mammals -nonspecific; Passive Transport, Diffusion; Radiation; ...5.0169

IRRADIATION AND TISSUE-LOCALIZING RESPONSE ...Bacteria -nonspecific; Cancer; Rabbits; Radiation Effects - Biological; X and Gamma Rays; ...5.0226

THE STUDIES OF IONIZING RADIATION AS STIMULI ...Biological Rhythms; Learning and Retention; Muridae; Psychology; ...5.0254

EFFECTS OF THERMAL RADIATION ON PERSONNEL IN NUCLEAR WARFARE ...Burns; Mathematical Models; Military Personnel; Nuclear Warfare; Occupational Hazards; Radiation Injury Prevention; Radiologic Health; ...5.0373

ACUTE RADIATION EFFECTS OF WHOLE-BODY X-IRRADIATION IN ANIMALS AND SUITABLE THERAPY ...Biochemical Analysis - Tissues; Digestive System - Human; Radiation Injury Prevention; Radiation, Whole Body; Urine; ...5.0508

PATHOLOGICAL RESPONSES TO SELECTED AEROSPACE ENVIRONMENTS ...Altitude; Aviation Medicine; Environmental Effects - Human; Laser Effects -bioeffects; Microorganisms -nonspecific; Radiation Effects - Biological; X and Gamma Rays; ...5.0703

CALIBRATION OF RESPIRABLE DUST SAMPLERS FOR INHALATION HAZARD EVALUATION ...Aerosols; Air Pollution -see Specifics; Dust; Radiation Effects - Biological; Radioactive Hazard; Radioisotopes -nonspecific; Respiratory Irritants, Inhaled; ...5.0864

TRAUMATIC ORIGINS OF HEARING LOSS ...Auditory Physiology; Hearing Loss and Deafness; Monkey; Noise; Trauma; Vibrations, -bioeffects; ...6.0083

Aflatoxins

BROILER MANAGEMENT ...Gallus Domesticus; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Waste Disposal on Soils; ...3.0358

SUPPRESSION OF MYCOFLORA AND MYCOTOXINS IN NEWLY COMBINED, PARTIALLY CURED PEANUTS ...Aerosols - Smokes, Fogs, Steam; Arachis; Fungicides -nonspecific; Pesticide Phytotoxicity; Sulfur Dioxide; ...4.0448

Algal Toxins

BLUE-GREEN ALGAE AS A SOURCE OF WATER CONTAMINATION ...Algae - Cyanophyta; Algal Pollutant Sources; Arizona; Range Or Territorial Distr.; Taxonomy -plant; ...2.0015

AN INVESTIGATION OF APHANIZOMENON FLOS-AQUAE, A TOXIC BY-PRODUCT OF EUTROPHICATION ...Algae - Cyanophyta; Aquatic Ecology - Animal; Eutrophication; Plant Toxins; ...2.0246

ROLE OF FUNGI & ALGAE IN FORMATION AND HYDROLYSIS OF LAKE ERIE SEDIMENTS ...Algae - Cyanophyta; Aquatic Fungi -nonspecific; Biological Cycles; Cellular Catabolism-are Degrad; Eutrophication; Lake Erie; Sediment Lithification; ...2.0301

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

NAVY ENVIRONMENT - AVOIDANCE AND CONTROL OF THE EFFECTS ON MEN & MARINE LIFE OF TOXIC RED TIDES INITIATED BY LOCAL POLLUTION OF THE SEA ...Algae -nonspecific; Algal Physiology; Contamination - Water; Environmental Influences; Marine Plants; Water Pollution -see Specifics; Water Pollution Sources; ...2.1493

Animal Toxins

HEALTH EFFECTS OF TOXIC CHEMICALS WITHIN THE WATER ENVIRONMENT ...Clams; Eastern U. S.; Lead; Marine Environments; Pollution Effects -see Water; ...2.1697

Bacterial Endotoxins

KINETICS OF HEMATOPOIETIC REPOPULATION FOLLOWING IRRADIATION INJURY ...Kinetics; Radiation; Radiation Injury Prevention; Radiation, Low Level; ...5.0135

ENDOTOXIN EFFECTS ON MOUSE COLONY-FORMING UNITS ...Bacteria -nonspecific; Biological Basis; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation Sources -general; Radiation, Whole Body; ...5.0901

Bacterial Exotoxins

MULTIPLICATION OF CLOSTRIDIUM BOTULINUM TYPE E IN THE GREAT LAKES ...Aquatic Plants -nonspecific; Bottom Sampling; Depth (water); Plant Freshwater Ecology; Wisconsin; ...2.0452

ECOLOGY OF CLOSTRIDIUM BOTULINUM TYPE E IN GREEN BAY ...Aquatic Distribution; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Competition Among Thallophytes; Lake Michigan; Water Pollution -see Specifics; ...2.0453

VISUAL CELLULAR STIMULATION BY HIGH ENERGY QUANTA ...Mammals -nonspecific; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0812

Bacterial Toxins -nonspecific

EFFECTS OF DENTAL AEROSOLS ON OPERATORY AND SUBMARINE ENVIRONMENTS ...Aerosols; Air Pollution -see Specifics; Environmental Effects - Human; Military Personnel; Oral Bacteria; Submarine & Diving Medicine; ...1.0190

Cytotoxin

SUBLIMINAL PHARMACOLOGY AND CARCINOGENESIS ...Cell Injury and Autolysis; Chemical Carcinogenesis; Environmental Carcinogenesis; Food Contamination; Mammals -nonspecific; Toxicology; ...4.0659

IN VITRO EFFECT OF IMMUNOSUPPRESSIVE AGENTS ON MARROW CELLS ...Dyes -nonspecific; Radiation Sensitivity - man; X and Gamma Rays; ...5.0313

PROLIFERATION AND DIFFERENTIATION OF STEM CELLS ...Cancer; Muridae; Radiation; Radiation Effects - Biological; ...5.0382

Fungal Toxins

CAUSES OF ABORTIONS IN DAIRY CATTLE WITH PARTICULAR REFERENCE TO PESTICIDES AND MOLD TOXINS ...Aspergillus; Domestic Animals; Gibberella; Nutrition; Pesticides -nonspecific; ...4.0917

Plant Toxins

AN INVESTIGATION OF APHANIZOMENON FLOS-AQUAE, A TOXIC BY-PRODUCT OF EUTROPHICATION ...Algae - Cyanophyta; Algal Toxins; Aquatic Ecology - Animal; Eutrophication; ...2.0246

COMPOUNDS IN WEEDS RESPONSIBLE FOR DORMANCY AND THE REDUCTION OF CROP YIELDS ...Agropyron; Glycine; Growth; Lycopersicum; Sorghum; Triticum; ...4.0346

Toxicology

COMBUSTION PRODUCTS FROM THE INCINERATION OF PLASTICS ...Air Pollution -see Specifics; Occupational Hazards; Toxic Substances; ...1.0065

TOBACCO SMOKE AND LUNG BIOCHEMISTRY ...Air Pollution -see Specifics; Cell Injury and Autolysis; Mammals -nonspecific; Respiratory Irritants, Inhaled; ...1.0171

EFFECTS OF CIGARETTE SMOKE ON THE PULMONARY LYMPHORETICULAR SYSTEM ...Air Pollution -see Specifics; Muridae; Respiratory Irritants, Inhaled; Tobacco -cigarettes; ...1.0172

ACUTE TOXICITY OF HEATED ASBESTOS ...Air Pollution -see Specifics; Asbestos; Muridae; Occupational Hazards; Respiratory Irritants, Inhaled; ...1.0181

CARBON MONOXIDE AND HUMAN INFORMATION PROCESSING ...Air Pollution -see Specifics; Carbon Monoxide; Learning and Retention; Mammals -nonspecific; Psychology; Sensory & Perceptual Processes; ...1.0182

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD ...Atmospheric Dynamics; Environment Accumulation Rates; Environmental Hazards; Lead; Mercury; Pesticides -nonspecific; Seismology; Water Pollutants - Path of; ...1.0189

EFFECT OF EXPOSURE TO THE TOTAL SUBMARINE ATMOSPHERIC ENVIRONMENT ON PHYSIOLOGICAL FUNCTIONS ...Aerosols; Air Pollution -see Specifics; Carbon Monoxide; Environmental Effects - Human; Military Personnel; Respiratory Irritants, Inhaled; Submarine & Diving Medicine; ...1.0191

ATMOSPHERIC POLLUTION AND RESPIRATORY DISEASE ...Air Pollution -see Specifics; Asthma; Respiratory Irritants, Inhaled; ...1.0192

NEUTRON ACTIVATION OF BIOLOGIC SPECIMENS ...Air Pollution -see Specifics; Respiratory Irritants, Inhaled; Urine; ...1.0201

A PROGRAM IN ENVIRONMENTAL PHYSIOLOGY AND TOXICOLOGY ...Air Pollution -see Specifics; Carbon Monoxide; Cooperative Studies; Environmental Effects - Human; Respiratory Irritants, Inhaled; ...1.0208

FUNCTIONAL ADAPTATIONS TO ATMOSPHERIC CONTAMINANTS ...Air Pollution -see Specifics; Air Pollution-chemistry; Carbon Monoxide; Mammals -nonspecific; Nitrogen and Nitrogen Cpds.; Psychology; ...1.0210

FACTORS AFFECTING EXCRETION OF INDUSTRIAL POISONS ...Air Pollution-chemistry; Biochemical Analysis - Tissues; Occupational Hazards; Toxic Substances; Urine; ...1.0215

TOXIC EFFECTS OF AIR FORCE CHEMICALS AND MATERIALS ...Air Pollution -see Specifics; Aviation Medicine; Environmental Effects - Human; Mammals -nonspecific; Military Personnel; Occupational Hazards; Toxic Substances; ...1.0218

AIR LEAD POLLUTION - EFFECT ON THE G6PD DEFICIENT NEGRO ...Adenosine Triphosphate; Air Pollution -see Specifics; Lead; Sulfhydryl Compounds; ...1.0219

EFFECTS OF CARBON MONOXIDE INDUCED ARRHYTHMIAS ...Air Pollution -see Specifics; Canidae; Carbon Monoxide; Petroleum -see Oil; Respiratory Irritants, Inhaled; ...1.0220

PULMONARY REACTIONS TO GASEOUS ENVIRONMENTS ...Air Pollution -see Specifics; Cellular Biosynthesis; Gases; Respiratory Irritants, Inhaled; ...1.0222

RESEARCH IN THE ENVIRONMENTAL HEALTH SCIENCES ...Air Pollution -see Specifics; Epidemiology; ...1.0232

CHARACTERIZATION OF EXPOSURE AEROSOLS ...Aerosols; Air Pollution -see Specifics; Data & Statistics Info Storage; Electrostatic; Radon; Respiratory Irritants, Inhaled; ...1.0236

INVESTIGATIONS INTO THE TOXICOLOGY OF FLUORIDE ...Air Pollution -see Specifics; Fluorine; Muridae; Occupational Hazards; ...1.0237

PLAN, DEVELOP AND IMPLEMENT STUDIES DESIGNED TO IDENTIFY AND QUANTIFY THE EFFECTS OF CO AIR POLLUTION ON HUMAN HEALTH ...Air Pollution -see Specifics; Carbon Monoxide; ...1.0243

COMPLETE A MANUSCRIPT DESCRIBING THE EFFECTS ON HUMAN HEALTH OF CHRONIC EXPOSURE TO LOW LEVELS OF CO ...Air Pollution -see Specifics; Carbon Monoxide; ...1.0244

COMPLETE A STUDY, ANALYZE RESULTING DATA AND PREPARE A REPORT ON THE EFFECTS OF EXPOSURE TO LOW LEVELS OF CO ON EYE-HAND-FOOT COORDINATION ...Air Pollution -see Specifics; Carbon Monoxide; ...1.0245

BIOLOGICAL EFFECTS OF CO ON DOGS WITH EXPERIMENTALLY INDUCED MYOCARDIAL INFARCTS (ABBREV) ...Air Pollution -see Specifics; Anoxia and Hypoxia; Canidae; Carbon Monoxide; ...1.0246

INITIATE A STUDY AND BEGIN COLLECTION OF DATA ON THE EFFECTS OF IN-VIVO EXPOSURE TO CO ON ERYTHROCYTE METABOLISM ...Air Pollution -see Specifics; Anoxia and Hypoxia; Carbon Monoxide; Developmental Physiology; Gases; Ionic Effect; Mammals -nonspecific; ...1.0247

ALTERATIONS IN MYOCARDIAL VASCULATURE IN RELATION TO AMBIENT CO LEVELS AS INDICATED BY CARDIOMORPHOMETRIC TECHNIQUES (ABBREV) ...Air Pollution -see Specifics; Anoxia and Hypoxia; Carbon Monoxide; ...1.0255

CONTINUE STUDIES OF HUMAN BLOOD LEAD LEVELS IN RELATION TO ATMOSPHERIC LEAD LEVELS ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Fuels; Lead; Mammals -nonspecific; ...1.0284

EFFECTS OF AIR FORCE PROPELLANTS ON THE METABOLISM AND BIOCHEMISTRY OF BODY ORGANS ...Digestive System - Human; Fire Research -see Forest Fire; Mammals -nonspecific; Propellants; Toxic Substances; ...1.0286

OCCUPATIONAL HEALTH HAZARDS OF RUBBER DUST ...Air Pollution -see Specifics; Cercopithecoidea; Elastomers; Medical, Dental Materials; Occupational Hazards; ...1.0287

EFFECTS OF LOW LEVELS OF LEAD ON PROTEIN SYNTHESIS ...Air Pollution -see Specifics; Cellular Biosynthesis; Gases; Petroleum -see Oil; Respiratory Irritants, Inhaled; ...1.0294

BIOCHEMICAL EFFECTS OF SIMULATED AIR POLLUTANTS ...Air Pollution -see Specifics; Biochemical Analysis - Tissues; ...1.0297

PERFORMANCE DECREMENTS IN AIR CREWS EXPOSED TO CONTAMINATED LIFE SUPPORT GASES ...Accident; Air Pollution -see Specifics; Aviation Medicine; Mammals -nonspecific; Performance - Behavioral Study; Psychology; ...1.0301

BEHAVIORAL PHARMACOLOGY AND TOXICOLOGY ...Canidae; Ceboidea; Muridae; Pigeon; ...1.0382

SPREADING OF LEAD IN RURAL AREAS ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Food Contamination; Lead; Rural Areas; Toxic Substances; Water Pollutants - Path of; X-ray Spectroscopy; ...1.0703

DEFINITION AND ANALYSES OF HIGHER MOLECULAR WEIGHT ALDEHYDES ...Air Pollution -see Specifics; Aldehydes -nonspecific; Auto Exhaust -see Air Poll.; Biochemical Analysis - Tissues; Combustion; ...1.0753

MICROANALYTICAL METHODS FOR AIR FORCE MATERIALS IN TOXICOLOGICAL AND ENVIRONMENTAL POLLUTION INVESTIGATION ...Air Pollution-chemistry; Detectors and Sensors; Propellants; Trace Analysis; ...1.0835

NAVY ENVIRONMENT SUITABILITY OF SALIVA SAMPLING FOR MONITORING BLOOD LEVELS OF INHALED POISONS AND OF ADMINISTERED MEDICATION ...Digestive System - Human; Environmental Effects - Human; Military Personnel; Occupational Hazards; Respiratory Irritants, Inhaled; Toxic Substances; ...1.0853

TOXIC MATERIALS IN NUCLEAR SUBMARINES ...Air Pollution -see Specifics; Air Pollution-chemistry; Degradation; Marine Materials; Submarine & Diving Medicine; Toxic Substances; ...1.0888

MODIFICATION OF CHRONIC MANGANESE POISONING ...Chile; Cooperative Studies; Miners; ...2.0276

PLANT PHENOLS AND RELATED ORGANIC COMPOUNDS IN PUBLIC WATER SOURCES, THEIR RELATIONSHIP TO CHLORINATION ...Chlorination; Forest Debris; New England Province; Phenols; Water Pollution Effects; ...2.0354

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Contamination - Water; Cyprinodontidae; Environmental Physiology; Temperature (water); Toxic Substances; Water Pollution -see Specifics; Water Pollution Effects; ...2.0614

PHARMACEUTICALS RESEARCH ...Animal Productivity; Coelenterata; Invertebrate Physiology; Sphyraenidae; ...2.1528

ENVIRONMENT AND TECHNOLOGY ASSESSMENT ...Aquatic Soils; Costs -see Economics Entries; Government -see Federal

Gov.; Social Aspects; Thermal Pollution; Water Pollution -see Specifics; ...3.1812

UNITED STATES INDIA EXCHANGE OF SCIENTISTS AND ENGINEERS PROGRAMME ...Air Pollution -see Specifics; Water Pollution -see Specifics; ...3.1875

THE DEGRADATION OF DDT, TDE, AND DIELDRIN IN THE CIGARETTE MAIN-STREAM AND SIDE-STREAM SMOKES ...Chemical Degradation; DDT; Dieldrin; Pesticide Toxicity in Humans; TDE; Tobacco -cigarettes; ...4.0432

PHYSIOLOGICAL CONSEQUENCES OF LONG-TERM EXPOSURE TO LOW LEVELS OF TOXICANTS ...DDT; Dieldrin; Environmental Effects - Human; Laboratory Animals; Muridae; Pesticide Formulation; Stressors, Physiological; ...4.0559

METABOLISM OF CARBAMATE PESTICIDES ...Bayer 44646; Carbon; Laboratory Animals; Muridae; Pesticide Toxicity in Humans; Zectran; ...4.0568

TOLERANCE OF ORGANIC PHOSPHATES IN MAN ...Ethion; Guthion; Methyl Parathion; Pesticide Toxicity in Humans; Phosdrin; Trithion; ...4.0569

RESEARCH ON EFFECTS OF PESTICIDES ON FARM WORKERS ...Pesticide Action on Animals; Pesticide Toxicity in Humans; Pesticides -nonspecific; ...4.0571

EFFECT JU PHENOBARBITAL SUR LE METABOLISME DU DDT CHEZ LE RAT ...DDT; Developmental Physiology; Laboratory Animals; Muridae; Pesticide Action on Animals; ...4.0572

THE STUDY OF THE ECOLOGY OF PESTICIDES ...Aldrin; Aramite; Chemical Analysis; Dieldrin; Methoxychlor; Pesticide Action on Animals; Pesticide Toxicity in Humans; ...4.0592

THE D AND THE L ISOMERS OF O,P'-DDT ...DDT; DDT -see Pesticides; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; ...4.0600

BIOCHEMICAL BASIS OF ORGANOPHOSPHATE PESTICIDE EFFECTS ON FUNCTION ...Cell Injury and Autolysis; DFP; Laboratory Animals; Organophosphorous Cpds.; Pesticide Action on Animals; Pesticide Toxicity in Humans; ...4.0611

INTERACTIONS OF PESTICIDES, DRUGS AND OTHER CHEMICALS ...Bioassay; Environmental Effects - Human; Muridae; Pesticide Action on Animals; Pesticide Rates -general; Quail; ...4.0613

PHYSIOLOGICAL RESPONSE OF FEMALE RATS AND OFFSPRING TO MULTI-INSECTICIDES AND MINERALS ...DDT; Dinitrophenol; Muridae; Pesticide Action on Animals; ...4.0616

LOSS OF BODY FAT AND RESPONSE TO INSECTICIDE RESIDUES ...Chlorinated Hydrocarbons; Laboratory Animals; Metabolism & Metab. Diseases; Muridae; Pesticide Action on Animals; ...4.0639

EXPANDING REPORT ON EFFECTS OF PESTICIDES ...Chemical Carcinogenesis; Experimental Terstology; Microorganisms - nonspecific; Pesticide Toxicity -general; Pesticide Toxicity in Humans; Pesticides -nonspecific; ...4.0646

EXPERIMENTAL OPTIC NEUROPATHIES ...Cyanides; Lead; Muridae; ...4.0655

BIOCHEMICAL AND PHYSIOLOGIC RESPONSE TO TOXIC STRESS ...Cellular Metabolism - Controls; Environmental Effects - Human; Insecticides -nonspecific; Muridae; Pesticide Action on Animals; Toxic Substances; ...4.0657

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Air Pollution -see Specifics; Food Contamination; Pesticide Toxicity in Humans, Physiological Effects; Radiation, Low Level; Residues in Foods; Water Pollution -see Specifics; ...4.0658

SUBLIMINAL PHARMACOLOGY AND CARCINOGENESIS ...Cell Injury and Autolysis; Chemical Carcinogenesis; Cytotoxin; Environmental Carcinogenesis; Food Contamination; Mammals - nonspecific; ...4.0659

ANALYSIS OF BIO-ACTIVE CHEMICALS FOR POSSIBLE HAZARDOUS PROPERTIES ...Air Pollution -see Specifics; Chemical Analysis; Insecticides -nonspecific; Pesticide Toxicity in Humans; Preventative Measures; ...4.0673

COMMUNITY STUDY ON PESTICIDES ...Air Pollution -see Specifics; DDT; Methyl Parathion; Occupational Hazards; Parathion; Pesticide Rates -general; Pesticide Toxicity in Humans; ...4.0686

TOXICOLOGY AND METABOLISM OF UNINTENTIONAL FOOD ADDITIVES ...Cavidae; Food Contamination; Laboratory Animals; Pesticides -other; Residues in Foods; ...4.0766

BEHAVIOR OF DILUTE SOLUTIONS OF MERCURIC SALTS ...Catalysis; Mechanism Determination, Mercury; Oxidation; Reduction Reactions; Thermodynamics -biophysics; Water Pollution Sources; ...4.0779

EFFECT OF METHYLENEDIOXYPHENYL SYNERGISTS AND RELATED COMPOUNDS ON MICROSOMAL DRUG METABOLIZING ENZYMES ...Environmental Effects - Human; Laboratory Animals; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Piperonyl Butoxide; Toxic Substances; ...4.0783

THE EVALUATION OF CARBAMATE-INDUCED ANTICHOLINESTERASE EFFECTS IN THE FETUS ...Carbamates -nonspecific; Carbamates -see Pesticides; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Mammals -nonspecific; Pesticide Action on Animals; ...4.0784

THE TERATOGENIC EVALUATION OF THE HERBICIDE 2,4,5-T AND DIOXIN ...Environmental Effects - Human; Herbicides - nonspecific; Pesticide Action on Animals; Pesticides -other; T, 2,4,5-; ...4.0785

METABOLISM AND DISTRIBUTION OF 2,4,5-T AND ITS ANALOGS IN PREGNANT AND NONPREGNANT RATS, MICE, AND GUINEA PIGS ...Cavidae; Experimental Teratology; Laboratory Animals; Metabolites From Pesticides; Muridae; Pesticide Action on Animals; T, 2,4,5-; ...4.0786

PRENATAL AND NEONATAL EFFECTS OF PARAQUAT ...Developmental Physiology; Laboratory Animals; Muridae; Paraquat; Pesticide Action on Animals; ...4.0787

EVALUATION OF THE ANIMAL AND HUMAN COMPLAINTS FOLLOWING THE SPRAYING OF SILVEX, 2,4,5-T AND 2,4-D IN GLOBE, ARIZONA ...Arizona; Domestic Animals; Liquids Or Sprays; Pesticide Toxicity in Humans; T, 2,4,5-; ...4.0789

METABOLISM OF PESTICIDAL SYNERGISTS ...Carbon; Feces; Metabolites From Pesticides; Pesticide Action on Animals; ...4.0790

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON HI VIRAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Cricetus; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Mercury; Pesticide Action on Animals; T, 2,4,5-; ...4.0791

A CHEMICAL & MORPHOLOGICAL STUDY OF THE NEUROPATHY INDUCED BY ANTICHOLINESTERASE PESTICIDE ...Laboratory Animals; Mammals -nonspecific; Pesticide Action on Animals; Pesticides -nonspecific; ...4.0792

TOXICITY OF 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN ...Laboratory Animals; Muridae; ...4.0794

PESTICIDES AND PESTICIDAL SYNERGISTS STUDIES IN PREGNANT HAMSTERS ...Aldrin; Cricetus; Dieldrin; Endrin; Experimental Teratology; Laboratory Animals; Piperonyl Butoxide; ...4.0795

GENERAL TESTING OF ENVIRONMENTAL CHEMICALS FOR EFFECTS ON GROWTH AND DEVELOPMENT ...Animal Pharmacology; Developmental Physiology; Environmental Effects - Human; Fungicides -nonspecific; Herbicides -nonspecific; Laboratory Animals; Mammals -nonspecific; ...4.0796

STUDY OF THE PRODUCTION AND DISTRIBUTION OF THE CHOLINESTERASE ENZYME IN ORGANOPHOSPHOROUS POISONING ...Disulfoton; Handling & Application; Muridae; Pesticide Action on Animals; ...4.0810

DETECTION OF PESTICIDE EXPOSURE - EVALUATION OF BLOOD CHOLINESTERASE VALUES ...Biochemical Analysis - Tissues; Organophosphorous Cpds.; Pesticide Residue Analysis; Pesticide Toxicity in Humans; Toxic Substances; ...4.0811

BLOOD CHOLINESTERASE IN AERIAL APPLICATOR CREWS ...Accident; Occupational Hazards; Organophosphorous Cpds.; Pesticide Toxicity in Humans; Pilots; ...4.0812

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - INTERACTIONS OF ENDRIN AND ANTICONVULSANT DRUGS IN THE CEREBRAL CORTEX OF ANESTHETIZED ANIMALS ...Caboides; Endrin; Felidae; Pesticide Action on Animals; Pesticide Toxicity in Humans; Strigiformes; ...4.0813

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - ANALYSIS OF EEG CHANGES INDUCED BY CHRONIC ENDRIN ADMINISTRATION ...Chlorinated Hydrocarbons; Endrin; Pesticide Residue Analysis; Residues in Foods; ...4.0814

PESTICIDE INDUCED MODIFICATION OF BEHAVIORAL AND BIOELECTRIC RESPONSES TO EXTERNAL STIMULI ...Behavior -vertebrate; Farm Safety -see Safety; Laboratory Animals; Pesticide Action on Animals; Psychology; ...4.0815

NEUROPHARMACOLOGY OF CONVULSANT PESTICIDES - ANALYSIS OF EEG CHANGES INDUCED BY CHRONIC ENDRIN ADMINISTRATION ...Caboides; Endrin; Laboratory Animals; Metabolism & Metab. Diseases; Pesticide Action on Animals; Stressors, Physiological; ...4.0816

TOLERANCE TO CHOLINESTERASE INHIBITORS - EFFECTS OF ANTIDOTES ON TOLERANCE AND RECOVERY ...Disulfoton; Muridae; Organophosphorous Cpds.; Pesticide Safety Measures; Physiological Resistance; ...4.0817

METABOLISM OF HEXACHLOROPHENE, A POTENTIAL INTOXICANT ...Canidae; Carbon; Disinfection; Feces; Hexachlorophene; Muridae; Urine; ...4.0818

DEVELOPMENT AND APPLICATION OF QUANTITATIVE CELL CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Bioassays; Cellular Viability; Hydrogen; Physiological Effects; Water Pollutant Identification; Zinc; ...4.0840

RESEARCH ON ARTHROPOD-BORNE DISEASES - II ...Genetic Resistance; Insecticides -nonspecific; Meetings; Pesticide Toxicity in Humans; Physiological Resistance; Sanitation; ...4.0848

ENVIRONMENTAL MUTAGENESIS TESTING ...Bioassays; Chemical Mutagenesis; Environmental Effects - Human; ...4.0854

METABOLISM OF CARBAMATE INSECTICIDES ...Aliphatic Carbamates; Biodegradation; Furadan; Metabolites From Pesticides; Pesticide Action on Animals; Pesticide Action on Plants; Radioisotopes -nonspecific; ...4.0861

THE TOXICOLOGICAL ACTION OF ORGANOPHOSPHATES AND CARBAMATES ...Air Pollution -see Specifics; Chemical Carcinogenesis; Experimental Teratology; Laboratory Animals; Muridae; Pesticide Action on Animals; Sevin; ...4.0881

BRAIN LESIONS, BEHAVIOR CHANGES AND PESTICIDE RESIDUES ...Anseriformes; Dieldrin; Laboratory Animals; Pesticide Action on Animals; Tissue Accumulation Rates; ...4.0882

EFFECTS OF DIETARY PROTEIN ON THE METABOLISM OF HEPTACHLOR IN THE RAT ...Digestive System - Human; Heptachlor Epoxide; Muridae; Pesticide Tolerance Rate; ...4.0886

MECHANISMS OF INSECTICIDE DEGRADATION ...Animal, Cellular Catabolism-see Degrad; Insecticides -nonspecific; Mammals -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Pesticide Toxicity in Humans; ...4.0916

EFFECT OF EXERCISE WITH HIGH CARBOHYDRATE OR HIGH FAT DIETS CONTAINING DDT ...DDT; Exercise, Laboratory Animals; Muridae; ...4.0918

ORGANOMERCURIAL POISONING ...Mercury; Metal Organics - nonspecific; Pesticide Toxicity -general; ...4.0933

THE CHEMISTRY AND TOXICOLOGY OF AGRICULTURAL CHEMICALS ...Chemical Analysis; Food Contamination; Microorganisms -nonspecific; Pesticide in Food Chains; Pesticides -nonspecific; ...4.1001

BROMIDE RESIDUES AND THYROID FUNCTION ...Bromine; Iodine; Laboratory Animals; Methyl Bromide; Muridae; Pesticide Residues in Feeds; ...4.1039

HISTOLOGICAL PROCESSING AND PATHOLOGICAL EXAMINATION OF SELECTED ANIMAL TISSUES ...Digestive System - Human; Laboratory Animals; Mammals -nonspecific; Pesticides -nonspecific; ...4.1041

ENVIRONMENTAL OCCURRENCE OF N-NITROSO COMPOUNDS ...Air Pollution -see Specifics; Bioassays; Biochemical Analysis - Tissues; Chemical Carcinogenesis; Food Contamination; Mammals -nonspecific; ...4.1046

EFFECT OF ENVIRONMENTAL PARAMETERS ON PESTICIDAL STABILITY ...Degradation; Environmental Effects - Human; Metabolites From Pesticides; Piperonyl Butoxide; Radiation Sources -general; Toxic Substances; ...4.1087

DEVELOPMENT & APPLICATION OF QUANTITATIVE TISSUE CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Cell Membrane Permeability; Cellular Model Systems; Ionic Effect; Rotenone; Water Pollutant Identification; ...4.1108

GEOCHEMISTRY STUDIES WITH STABLE AND RADIOACTIVE SPECIES ...Air Pollution-chemistry; Element Ratios; Environmental Geology; Evolution; Genetic Relationships; Geochemical Investigations; Lead; Petrology; Radiochemical Analysis; Uranium; ...5.0016

THE METABOLISM OF THE RARE EARTHS FOLLOWING INHALATION - PATHOLOGIC AND BIOCHEMICAL RESPONSE IN THE LUNG AND OTHER ORGANS ...Aerosols; Environmental Effects - Human; Injury and Shock; Radiation Effects - Biological; Respiratory Irritants, Inhaled; Thulium; Ytterbium; ...5.0049

ADAPTIVE SPECIALIZATIONS IN LEARNING AND MEMORY ...Evolution; Injury and Shock; Learning and Retention; Motivation and Instinct; Sensory & Perceptual Processes; ...5.0588

RENAL PHARMACOLOGY AND TOXICOLOGY OF FALLOUT NUCLIDES ...Arsenic; Lead; Radiologic Health; Zirconium; ...5.0625

PB-210 STUDIES IN BEAGLES ...Body Isotope Burden; Digestive System - Human; Food Contamination; Lead; Polar Oceanic Areas; Radiologic Health; ...5.0721

RADON AND SILICON DIOXIDE TOXICITY ON RATS' LUNGS ...Muridae; Radiation Effects - Biological; Radon; Respiratory Irritants, Inhaled; ...5.0771

BEHAVIORAL TOXICITY OF NOISE IN IMMATURE MICE ...Auditory Stress; Hearing Loss and Deafness; Noise; Psychology; Vibrations, -bioeffects; ...6.0080

Trace Analysis

CHICAGO AIR POLLUTION SYSTEMS MODEL ...Air Cleaning Devices; Diffusion; Gases; Mathematical Models; Urban Environment; Weather Data; ...1.0046

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII ...Activation Analysis; Air Pollution; Air Pollution Sampling; Antarctica; Atomic Absorption; Lead; Pacific Ocean; ...1.0138

INFRARED SPECTROSCOPIC ANALYSIS OF TRACE POLLUTANTS ...Air Pollution; Air Pollution-chemistry; Combustion; Fluidized Bed Reactor; Infrared Spectroscopy; Power Plants; ...1.0165

STUDY OF PETROGRAPHIC AND MINERALOGICAL CHARACTERISTICS OF CARBONATE ROCKS RELATED TO SULFUR OXIDE SORPTION IN FLUE GASES ...Absorption - Chemistry; Carbonates; Environmental Geology; Microscopy; Power Plants; Trace Element Analysis; ...1.0553

A NEW INSTRUMENT FOR KINETIC STUDIES OF AIR POLLUTION ...Air Pollution Monitoring; Air Pollution-chemistry; Analytical Instruments; Atmospheric Dynamics; Photoionization; Rate of Reaction; ...1.0672

HIGH SPEED INTERFEROMETER EXPERIMENT DEVELOPMENT ...Air Pollution Analysis; Atmospheres; Interferometry; Resolution; Spacecraft Sensory Devices; ...1.0678

DETERMINE THE FEASIBILITY OF USING NO2 PERMEATION TUBES AS PRIMARY STANDARDS FOR TRACE GAS ANALYSIS ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; ...1.0693

NEW ANALYTICAL METHODS FOR SULFUR DIOXIDE ...Adsorption; Air Pollution-chemistry; Detectors and Sensors; Spectrographic Techniques; Waste Material Recovery; ...1.0706

THE DIRECT AND CONTINUOUS DETERMINATION OF METALS IN AIR ...Air Pollution Monitoring; Air Pollution-chemistry; Combustion Air Pollution-gen; Incinerators; Lead; Mercury; ...1.0707

USE OF SOLID STATE DETECTORS IN AIR POLLUTION RESEARCH ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Detectors and Sensors; Electrical Phenomena; Lead; Nitrogen and Nitrogen Cpds.; ...1.0709

DEVELOPMENT OF ANALYTICAL METHODS FOR AIR POLLUTION ANALYSIS ...Air Pollution-chemistry; New Hampshire; ...1.0715

KRYPTONATE-BASED INSTRUMENTATION DEVELOPMENT FOR AUTOMOBILE EXHAUST POLLUTANTS ...Air Pollution Control Systems; Air Pollution-chemistry; Chemical Analysis - general; Combustion; Energy Conversion; Engines; Inorganic Gases; Radiometric Analysis; ...1.0721

ATOMIC ABSORPTION SPECTROSCOPY WITH A HIGH TEMPERATURE FURNACE ...Air Pollution Monitoring; Atomic Absorption; Clouds - Precipitation; Montana; Particulates and Aerosols; Snow; ...1.0737

ANALYTICAL METHODS FOR AROMATICS IN AUTO EXHAUST ...Air Pollution-chemistry; Chemical Carcinogenesis, Combustion; Gas Chromatography; ...1.0739

MICROANALYTICAL METHODS FOR AIR FORCE MATERIALS IN TOXICOLOGICAL AND ENVIRONMENTAL POLLUTION INVESTIGATION ...Air Pollution-chemistry; Detectors and Sensors, Propellants; Toxicology; ...1.0835

DEVELOPMENT OF ANALYTICAL TECHNIQUES FOR THE MEASUREMENT OF TRACE CONTAMINANTS IN AIR FORCE MANNED WEAPON SYSTEMS ...Aviation Medicine; Controlled Atmosphere; Electron Spectroscopy; Military Personnel; Respiratory Irritants, Inhaled; ...1.0848

EVALUATION OF A NEW 'CRYOGENIC SAMPLER' FOR FIELD USE ...Air Pollution Analysis; Air Pollution Sampling; Air Pollution-chemistry; Analytical Instruments; Concentration; Freeze Drying; Temperature Effects; ...1.0854

PHOTOCHEMICAL STUDIES BY ESR SPIN TRAPPING TECHNIQUES ...Chemical Mechanisms & Kinetics; Photolysis; ...1.0879

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

GEOCHEMISTRY OF OILFIELD BRINES ...Analysis and Detection; Bromine; Gas -natural; Mineralogical Water Properties; Origin; Petroleum Wastes - Spillage; ...2.0312

PHYSICAL AND RADIOLOGICAL CHEMISTRY OF OCEAN SOLUTIONS ...Activation Analysis; Chelation & Complexing; Colloidal Phenomena; Marine Biology - General; Marine Geology;

Mercury; Pacific Ocean; Radioactivity; Sea Water Sampling; ...2.0418

ANALYTICAL METHODS - WATER CHEMISTRY ...Analysis and Detection; Chromatography; Electroanalyses; Photometry; Water Pollutant Identification; Zinc; ...2.0514

PHYSICAL CHEMISTRY OF RADIOELEMENTS - RADIOMETRIC METHODS OF ANALYSIS ...Activation Analysis; Analysis and Detection; Chemical Extraction; Gamma Spectroscopy; Ion Exchange; Spectrographic Techniques; Water Pollution Sources; ...2.0515

DEVELOPMENT OF INSTRUMENTAL TECHNIQUES FOR THE ANALYSIS OF TRACE ORGANIC CONSTITUENTS IN WATER ...Chromatography; Gas Chromatography; Odor; Potable Water; ...2.0525

APPLICATION OF MODERN ELECTROANALYTICAL TECHNIQUES TO THE ANALYSIS OF HEAVY METALS IN WATER ...Analysis and Detection; Chemical Mechanisms & Kinetics; Electroanalyses; Mineralization; ...2.0557

ELECTROCHEMICAL METHODS FOR THE DETERMINATION OF TRACE AMOUNTS OF PHOSPHATE IN NATURAL WATER ...Analysis and Detection; Chelation & Complexing; Electrochemistry; Polarography; Trace Element Analysis; Voltammetry; Water Pollutant Identification; ...2.0575

ION SELECTIVE ELECTROCHEMICAL SENSORS ...Brackish Water; Detectors and Sensors; Electrochemistry; Salt Water; Water Pollutant Identification; ...2.0820

GEOCHEMICAL OCEAN SECTION STUDY ...Activation Analysis; Chemical Composition; Gamma Spectroscopy; Marine Geology; Radioactive Isotopes; Radioactivity; Sea Water Chemistry; ...2.0844

ENRICHMENT OF METALS IN SEAWATER BY FOAM PRODUCTION ...Bubbles; Chemical Mechanisms & Kinetics; Foam; Marine Pollution; Sea Water Chemistry; Trace Elements; Water Chemistry; X-ray Spectroscopy; ...2.1043

MEASUREMENT AND MANAGEMENT ASPECTS OF WATER TOXICOLOGY ...Analysis and Detection; Biological Effects; Chemical Analysis (water); Food Contamination; Plant Food Chains; Thermal Pollution; Training Grants, Fellowships; ...2.1793

Trace Elements

SELENIUM AND ITS SIGNIFICANCE AS AN AIR POLLUTANT ...Adsorption; Catalysis; Combustion; Disposal; Fuels; Solid Waste; ...1.0057

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE ...Activation Analysis; Atmospheric Dynamics; Bromine; Chlorine; Iodine; New Zealand; Urban Research - general; ...1.0137

OPERATE A SPECIAL PARTICULATE NETWORK UTILIZING MEMBRANE FILTER SAMPLERS ...Air Pollution -see Specifics; Air Pollution Sampling; Air Pollution-chemistry; Asbestos; Automatic Weather Stations; Membranes; Particulates - Air Pollution; ...1.0771

ANALYZE SAMPLES OBTAINED FROM THE COOPERATIVE STUDY CONDUCTED IN ENGLAND ...Air Pollution Sampling; Air Pollution-chemistry; British Isles; Combustion; Particulates - Air Pollution; ...1.0814

FATE OF TRACE-METALS (IMPURITIES) IN SUBSOILS AS RELATED TO THE QUALITY OF GROUND WATER ...Agricultural Runoff; Groundwater; Lakes; Soil Chemical Properties; Soil Fertility; Soil Organic Content; Soil Texture; Tension and Measurement; Water Pollutants - Path of; Water Wells; ...2.0004

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

TRACE AND TRACER ELEMENTS IN GROUND WATER; PHASE III ...Arizona; Chemical Analysis (water); Groundwater; Industrial Wastes; Lead; Natural Recharge; Soil Chemical Properties; Water Pollution Sources; Zinc; ...2.0017

FATE OF TRACE METALS DERIVED FROM POLLUTION SOURCES IN LAKE MICHIGAN ...Adsorption; Chemical Properties; Lake Deposits; Lead; ...2.0131

HEAVY METAL ION INTERACTION AND TRANSPORT WITH SYNTHETIC COMPLEXING AGENTS AND DETERGENT PHOSPHATE SUBSTITUTES IN AQUATIC SYSTEMS ...Biodegradation-see Degradation; Chelation & Complexing; Detergents -see Surfactants; Environmental Influences; Leaching; Surfactants -see Detergents; ...2.0221

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Analysis and Detection; Atomic Absorption; Contamination - Water; Lead; Mine Hydrology; Missouri; Pollution Effects -see Water; Water Pollution Effects; Zinc; ...2.0226

DISSOLVED CONSTITUENTS OF NATURAL WATERS - CONTRIBUTIONS FROM MINERALIZED AREAS ...Acid Mine Wastes; Geochemical Analysis (water); Groundwater; Mineralogical Properties; Sediment Lithification; ...2.0244

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN ...Aquatic Distribution; Environmental Influences; Lower Plants; Phosphorus and Phosphorus Cpds; Phytoplankton; Runoff (water); Taxonomy -plant; Water Quality - general; ...2.0274

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Estuaries; Fish; Iron; Marine Animals; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Water Analysis; Zinc; ...2.0320

ENVIRONMENTAL TRACE ELEMENTS AND REGIONAL HEALTH AND DISEASE ...Air Pollution -see Specifics; General Information Services; Health & Geographic Factors; Trace Element Analysis; ...2.0390

ORGANIC COMPOUNDS IN ALASKA PERMAFROST GROUNDWATER ...Alaska; Groundwater; Permafrost - Frozen Soils; Thin Layer Chromatography; Water Pollutant Identification; ...2.0471

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Zooplankton; ...2.0477

DEVELOPMENT OF NUCLEAR ANALYTICAL TECHNIQUES FOR OIL SLICK IDENTIFICATION ...Activation Analysis; Atmospheric and Environmental; Law Enforcement; Marine and Hydrology; Oil; Petroleum Wastes - Spillage; ...2.0501

UPPER ST. JOHNS WATER QUALITY, FLORIDA ...Acidity (water); Florida; Mineralogical Water Properties; Pesticides -see Pesticide; ...2.0549

TRACE ELEMENT ANALYSIS BY DIRECT DETERMINATION ON ION EXCHANGE RESINS ...Analysis and Detection; Ion Exchange; Salt Water; Water Quality -general; X-ray Spectroscopy; ...2.0554

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection; Chemical Water Properties; Electrochemistry; Lead; Physical Water Properties; Water Distribution Systems; Water Quality -general; Zinc; ...2.0623

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Mineralogical Properties; Salt Water; Soil Chemical Properties; Thermal Properties; Water Pollution Effects; ...2.0698

DETERMINATION OF TRACE METAL POLLUTANTS IN WATER RESOURCES AND STREAM SEDIMENTS ...Analysis and Detection; Chemical Properties; Sediments; Water Pollutant Identification; Water Pollution Sources; X-ray Spectroscopy; ...2.0727

RADIOTRACER STUDIES ON RAPID SAND FILTRATION ...Adsorption; Chemical Analysis -general; Fluid Mechanics; Ion Exchange; Isotope Tracer -see Tracers; Mechanism Determination; Reactors; Sand Filters; Utilization; ...2.0888

STUDY ON FLUORIDE CONCENTRATIONS IN TOOTH ENAMEL ...Aluminum; Fluoridation; Fluorine; Potable Water; Public Water Supply Reservoirs; Zinc; ...2.0907

HYDROUS METAL OXIDES - THEIR GEOCHEMISTRY AND EFFECT ON WATER QUALITY ...Adsorption; Adsorption Capacity; Geochemical Analysis (water); Physiological Effects; Water Pollution -see Specifics; ...2.0969

ENRICHMENT OF METALS IN SEAWATER BY FOAM PRODUCTION ...Bubbles; Chemical Mechanisms & Kinetics; Foam; Marine Pollution; Sea Water Chemistry; Water Chemistry; X-ray Spectroscopy; ...2.1043

REMOVAL OF TRACE METALS FROM WATER BY ION FLOTATION ...Demineralization; Foam; Mineralization; Surfactants -see Detergents; Waste Management -see Specific; ...2.1374

ULTRA LOW LEVEL RADIONUCLIDE ANALYSIS ...Analysis and Detection; Chemical Analysis (water); Detectors and Sensors; Gamma Spectroscopy; Ion Exchange; Organic Matter; ...5.0919

Tracers

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD ...Atmospheric Dynamics; Environment Accumulation Rates; Environmental Hazards; Lead; Mercury; Pesticides -nonspecific; Seismology; Toxicology; Water Pollutants - Path of; ...1.0189

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Water Cycle; Zinc; ...2.0008

IN-CLOUD SCAVENGING ...Adsorption Capacity; Atmospheric Dynamics; Cloud Motions - Movement; Model Studies; Radioactive Fallout; Wind; ...2.0417

SOURCES OF SEDIMENT IN A MOUNTAIN RIVER BASIN ...Mineralogy - Petrology; River Basins; Sediments; Suspension; ...2.0661

EFFECTS OF INDUSTRIAL EFFLUENTS ON PRIMARY PHYTOPLANKTON INDICATORS ...Diatoms (see Also Algae); Effluents - Waste Water; Ionic Effect; Phytoplankton; Statistics; ...2.0802

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Analysis and Detection; Element Ratios; Fluid Mechanics, Gulf of Mexico; Lakes; Organic Matter; Water Pollution Sources; ...2.0823

CHARACTERIZATION OF STREAM REAERATION CAPACITY ...Aeration (water); Mathematical Models; Waste Treatment Economics; Waste Water Treatment -general; ...2.0998

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Biological Water Properties; Contamination - Water; Effluents - Waste Water; Management (water); Physical Water Properties; Reservoirs and Impoundments; Water Pollutants - Path of; Water Quality Control - general; ...?.1008

METHODOLOGY FOR SYNTHESIS AND OPTIMIZATION OF DIFFUSION PATTERNS IN FLOW SYSTEMS ...Dispersion (water); Fluid Mechanics; Optimization, Economic; Water Pollutants - Path of; Water Pollution Sources; ...2.1011

MIXING AND DISPERSION OF CONTAMINANTS IN RESERVOIRS ...Currents (water); Dispersion (water); Lakes; Texas; Water Pollutants - Path of; ...2.1108

TOXICITY OF METALS TO MARINE PHYTOPLANKTON CULTURES ...Algae - Chrysophyta-cf Diatoms; Carbon; Diatoms (see Also Algae); Estuaries; Marine Plants; Mercury; Metabolism of Algacides; Phytoplankton; Salinity (water); Temperature; ...2.1731

UPTAKE AND METABOLISM BY FISH OF 2,4-D DIMETHYL AMINE SALT ...Carbon; D, 2,4-; Ictalurus Punctatus; Pesticide Formulation; Salmo Gairdneri; ...4.0730

FISSION PRODUCT-SOIL ORGANIC MATTER COMPLEXES ...Absorption (incl. Adsorption); Chelation & Complexing; Chemical Extraction; Colloidal Phenomena; Environmental Factors; Hordeum Vulgare; Organic Soils -see Soils; Radiation Effects on Fungi; Soil Chemical Properties; Soil Microbiology; Soil Organic Content; Soil Types -also See Specifics; ...5.0063

Atmospheric and Environmental

GASEOUS PLUME DIFFUSION ABOUT ISOLATED STRUCTURES OF SIMPLE GEOMETRY ...Building Design; Exhaust, Combustion -see Auto; ...1.0030

ATMOSPHERIC DIFFUSION OF RADON ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Soil Conditions; Tracers; Urban Research -general; Wind; ...1.0910

THE ROLE OF PAPER MILL ADDITIVES AS POTENTIAL STREAM POLLUTANTS ...Activation Analysis; Additives; Industrial Wastes; Pulp and Paper Wastes; Waste Treatment; Water Quality Control -general; ...2.0412

DEVELOPMENT OF NUCLEAR ANALYTICAL TECHNIQUES FOR OIL SLICK IDENTIFICATION ...Activation Analysis; Law Enforcement; Marine and Hydrology; Oil; Petroleum Wastes - Spillage; ...2.0501

Dyes

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

NUTRIENT AND WATER INPUTS AND OUTOO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

SEPARATION OF SOLAR AND HEATED DISCHARGE EFFECTS ...Computer Models; Energy Conversion; Rocks - Bedrock; Solar Radiation -sunshine; Thermal Pollution; Turbidity (water); Water Pollutants - Path of; ...2.0372

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

TIME-OF-TRAVEL - PRINCIPAL MARYLAND STREAMS ...Cooperative Studies; Maryland; Water Pollutants - Path of; ...2.0611

TIME-OF-TRAVEL MEASUREMENTS IN NEW JERSEY STREAMS ...Dispersion (water); New Jersey; Suspension; Water Pollutants - Path of; ...2.0680

RIVER ESTUARY POLLUTION CONTROL STUDIES WITH RADIOISOTOPES ...Aeration (water); Dispersion (water); Estuaries; Marine and Hydrology; Radioisotopes; ...2.0695

DETECTION AND LOCATION OF CONCEALED ABANDONED UNDERGROUND MINES AND ASSOCIATED DRAINAGE BY GEOPHYSICAL AND GEOCHEMICAL TECHNIQUES ...Drainage; Geophysical Analysis; Infrared Radiation; Seismology; Water Pollution Sources; ...2.0760

SURVIVAL OF INDICATOR ORGANISMS AND ENTERIC BACTERIA IN WATER ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Lakes; Nutrients; Streptococcus Fecalis; Waste Water Treatment -general; ...2.0801

TEMPERATURE INCREASES BELOW DAMS ...Dams -general; Fluorometry; Meteorologic Instruments -gen.; Thermal Pollution; ...2.0806

HYDRAULIC GEOMETRY AND LOW STREAMFLOW REGIMEN ...Illinois; River Basins; Streams; Water Purification; ...2.1012

OPTIMUM DESIGN OF WASTE STABILIZATION PONDS ...Dispersion (water); Inlets; Model Studies; Outlets; Pond; Sewage Lagoons; Utah; ...2.1114

CONTROLLING THE LOCATION AND DISPERSION OF A THERMAL POLLUTING EFFLUENT ...Dispersion (water); Energy Conversion; Model Studies; Thermal Pollution; ...2.1125

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Electric Power Plants; Filtration; Model Studies; Power Plants -see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Education -see Training; Incineration; New Hampshire; Recreation, Water Resources; Sprinkler Irrigation; Types; Water Quality Control -general; ...2.1868

Marine and Hydrology

DEVELOPMENT OF NUCLEAR ANALYTICAL TECHNIQUES FOR OIL SLICK IDENTIFICATION ...Activation Analysis; Atmospheric and Environmental; Law Enforcement; Oil; Petroleum Wastes - Spillage; ...2.0501

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition; Carbon; Destratification; Forecasting - Prediction; Lakes; Mathematical Models; Primary Productivity - Plants; Rate Meters; ...2.0612

RIVER ESTUARY POLLUTION CONTROL STUDIES WITH RADIOISOTOPES ...Aeration (water); Dispersion (water); Dyes; Estuaries; Radioisotopes; ...2.0695

EVALUATION OF C-14 DATING OF GROUND WATER ...Aquifers; Carbon; Geochemical Analysis (water); Groundwater; Radiologic Warfare; Water Pollution Sources; ...2.0992

Radioisotopes

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution Monitoring; Air Pollution-chemistry; At-

mospheric Dynamics; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0018

THE INFLUENCE OF DECOMPOSING SALMON ON WATER CHEMISTRY ...Alaska; Chemical Water Properties; Food Processing Industries; Nitrogen and Nitrogen Cpds.; Nutrients; Physiological Effects; Water Pollutants - Path of; ...2.0010

DISTRIBUTION OF ORGANICS FROM SALMON DECOMPOSITION ...Alaska; Carbon; Chemical Effects; Estuaries; Nitrogen; Organic Matter; Water Pollutants - Path of; ...2.0011

TRACE AND TRACER ELEMENTS IN GROUND WATER: PHASE III ...Arizona; Chemical Analysis (water), Groundwater; Industrial Wastes; Lead; Natural Recharge; Soil Chemical Properties; Water Pollution Sources; Zinc; ...2.0017

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Producuvity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Disturbance; Erosion; Iowa; Location; Methods; Sediment Yield; Sediments; Soil Chemical Properties; ...2.0145

MICROBIAL DEGRADATION OF ORGANIC POLLUTANTS OF INDUSTRIAL ORIGIN ...Bacterial Population Surveys; Industrial Wastes; Pilot Plants; Radioisotopes -nonspecific; Toxic Substances; Waste Water Treatment -general; ...2.0176

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Animal Productivity; Density; Dystrophic Lakes; Nutrients; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Productivity -general; Stratification (water); ...2.0195

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Estuaries; Fish; Iron; Marine Animals; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

RADIONUCLIDE MOVEMENT IN GROUNDWATER ...Flow Characteristics (water); Groundwater; Groundwater Movement; Seepage (water); Water Pollutants - Path of; Water Pollution Sources; ...2.0356

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Fertilizers; Gulf of Mexico; Lead; Marine Geology; Nuclear Radiation, Radiochemical Analysis; Runoff (water); Streams; ...2.0380

BEHAVIOUR OF CERTAIN RADIONUCLIDES IN THE AQUATIC ECOLOGY OF ISMAILIA CANAL ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Canals; Ecological Effects; United Arab Republic; Water Pollution Sources; ...2.0393

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS ...Amphibious Plants; Biological Water Properties; Mineralogical Water Properties; Pesticides -nonspecific; Plant Freshwater Ecology; Springs; Washington; ...2.0414

NUTRIENT ENRICHMENT OF RUN-OFF WATERS BY SOILS. ENRICHMENT POTENTIAL OF URBAN SOILS IN THE CITY OF MADISON ...Forecasting - Prediction; Nutrients; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Urban Environment; Wisconsin; ...2.0454

RADIOCARBON AS A TRACER IN GROUND WATER PROBLEMS ...Aquifers; Carbon - 14 Dating; Groundwater Movement; Permeability; Recharge (water); Waste Disposal-see Solid Waste; ...2.0475

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering - geologic; ...2.0566

ANALYSIS OF IMPURITIES AND THEIR REMOVAL FROM REACTOR COOLING WATER ...Atomic Plants; Energy Conversion; Hungary; Water Pollution Sources; ...2.0568

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Borehole Geophysics; Burial; Groundwater; Idaho; Isotope Tracer -see Tracers; Waste Water -general; Water Poilution Sources; ...2.0569

A PRELIMINARY INVESTIGATION OF THE ROLE OF SEDIMENTS IN EUTROPHICATION ...Chemical Water Properties; Isotope Tracer -see Tracers; Mechanism Determination; Phosphorus and Phosphorus Cpds; Sediments; ...2.0578

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition; Carbon; Destratification; Forecasting - Prediction; Lakes; Mathematical Models; Primary Productivity - Plants; Rate Meters; ...2.0612

RIVER ESTUARY POLLUTION CONTROL STUDIES WITH RADIOISOTOPES ...Aeration (water); Dispersion (water); Dyes; Estuaries; Marine and Hydrology; ...2.0695

RADIONUCLIDES IN SAVANNAH RIVER ESTUARY AND COASTAL WATERS ...Atlantic Ocean; Circulation (water); Estuaries; Marine Geology; Radioactivity; South Carolina; Water Poliution Sources; ...2.0792

DEVELOPMENT OF NUCLEAR TECHNIQUES IN THE STUDY OF WATER POLLUTION PROBLEMS ...British Isles; Water Pollutants - Path of; ...2.0827

SYMPOSIUM PRESENTATION OF RESEARCH FINDINGS ON THE REAERATION CAPACITY OF STREAMS AND ESTUARIES ...Aeration (water); Estuaries; Isotope Tracer -see Tracers; Mass Transfer; Water Chemistry; Water Pollution Abatement; ...2.0999

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Freezing & Below; Low Temp. - But Above 32f; Pinus -nonspecific; Soil Moisture; Sprinkler Irrigation; Transpiration and Evap; ...2.1001

TURBULENT DIFFUSION AND REAERATION IN NATURAL RIVERS ...Activation Analysis; Aeration (water); Analysis and Detection; Dispersion (water); Mathematical Models; Reservoirs and Impoundments; ...2.1102

WASTE DISPOSAL BY HYDRAULIC FRACTURING ...Drilling and Coring; New York; Recovery - Production; Seismology; Waste Disposal, Underground; Water Pollution Sources; ...2.1105

IMPROVING WATER QUALITY BY REMOVAL OF PESTICIDE POLLUTANTS WITH AQUATIC PLANTS ...Degradation -see Pesticide Deg; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -nonspecific; Plant; Radioisotopes -nonspecific; ...2.1118

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

CHRONIC EFFECTS OF HEAVY METALS ON FISH ...Animal Pharmacology; Contamination - Water; Lepomis Macrochirus; Percidae; Pollution Effects -see Water; Radioisotopes -nonspecific; Zinc; ...2.1597

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants; Filtration; Model Studies; Power Plants - see Specifics; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

RESEARCH INITIATION-PHYSIOLOGICAL AND STRUCTURAL STUDIES OF SPHAEROTILUS NATANS IN RELATION TO THE BULKING OF ACTIVATED SLUDGE ...Activated Sludge; Bacterial Morphology; Chemical Analysis (water); Isotope Tracer -see Tracers; Microscopy; Sphaerotilus; ...3.0271

INTEGRATED WASTE MANAGEMENT - WATER SYSTEM USING RADIOISOTOPES FOR THERMAL ENERGY ...Biological Waste Recycling; Feces; Isotope Effects; Urine; Waste Treatment - Radiation; Water Supply Facilities; ...3.0290

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Aldrin; Animal Resistance; Cladocera; DDT; Invertebrate Physiology; Pesticide Action on Animals; Pesticide in Food Chains; Pesticides -see Pesticide; ...4.0734

THE CYCLING OF CL-36 LABELED DDT IN NATURAL ECOSYSTEMS ...Chlorine; Contamination -see Air & Water; DDT; Pesticide Residues; Tissue Accumulation Rates; ...4.0974

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Toxaphene; ...4.1055

PREPARATION OF CHLORINE-36 LABELED ORGANOCHLORINE PESTICIDES AND RELATED COMPOUNDS (PCB'S) ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Pesticides -see Pesticide; ...4.1057

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties; Eastern U. S.; Gramineae; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Swamps - Marshes; Water Cycle; ...5.0032

DETERMINATION OF 18-0/16-0 RATIO IN PRECIPITATIONS (RAIN AND SNOW) ...Radioactivity; Rain; Snow; ...5.0034

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination, Hydrogen; Plant Food Chains; Radioactive Contamination, Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - II. MOVEMENT OF RADIONUCLIDE IONS IN SOILS ...Absorption (incl. Adsorption); Mathematical Models; Soil Chemical Properties; Strontium; ...5.0039

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - III. TREATMENT OF SOILS CONTAMINATED WITH RADIOACTIVE STRONTIUM ...Leaching; Precipitation; Radioactive Fallout; ...5.0042

RADIONUCLIDE CYCLING IN AQUATIC ECOSYSTEMS ...Algae -nonspecific; Annelida; Cesium; Environmental Ecology; Invertebrate Physiology; Plant Ecology -nonspecific; Plant Freshwater Ecology; Productivity of Freshwater; Radioactive Pollution -ns; Ruthenium; ...5.0069

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR PROCESS CONTROL AND POLLUTION ABATEMENT ...Coatings -see Materials; Isotope Tracer -see Tracers; Plating Wastes; Radioactive Isotopes; Reactors; Zinc; ...5.0804

Traffic Engineering

VEHICLE AND HIGHWAY SAFETY ON WINTER TIRES, WINDSCREENS, BRAKING SYSTEMS AND AIR POLLUTION ...Automotive Application; Body; Brake; Ceramics; Combustion; Pavement; Tires; ...1.0056

STUDY BY CONTRACT THE INDOOR-OUTDOOR POLLUTION RELATIONSHIPS AT AN AIR-RIGHTS STRUCTURE AND A CANYON TYPE STRUCTURE ...Air Pollution-chemistry; Cars; Combustion; Engines; Lead; Particulates - Air Pollution; Urban Research -general; ...1.0090

ASSIST OCS IN THE DEVELOPMENT OF COMPUTERIZED SYSTEM FOR PROJECTING MOTOR VEHICLE EMISSIONS AND SUPPLY ADJUNCT ANALYSES ...Air Pollution; Characteristics; Engine; Nitrogen and Nitrogen Cpds.; Trucks; ...1.0093

RELATIONSHIP OF LEAD IN THE AIR, SOIL AND PLANTS TO PROXIMITY TO HIGHWAY TRAFFIC ...Absorption (incl. Adsorption); Air Pollution -see Specifics; Cars; Lead; Roads & Highways -see Highways; Soil Aeration; Soil Chemical Properties; Wind -see Air Motion; ...1.0368

AN EVALUATION OF FREE TRANSIT SERVICE ...Consumption; Economic Studies -general; Land Use; Massachusetts; Social Aspects; Transportation; Transportation Management; Urban Research -general; ...1.0446

IMPROVEMENT OF URBAN TRANSPORTATION ...Urban Roads; ...1.0626

VENTILATION, ILLUMINATION, AND NOISE CONTROL IN TUNNELS ...Building Construction; Model Studies; Noise; Transportation Buildings; Transportation Design; Tunnels; ...6.0032

COLLECTION, PROPAGATION, CULTURE AND EVALUATION OF PLANT MATERIALS ...Forest Environment -general; Nebraska; Noise; Plant Growth; Right-of-way -see Legal Study; Roads & Highways -see Highways; Snow and Ice Removal; ...6.0039

TRAFFIC NOISE ...Audio Frequencies -see Noise; Noise; ...6.0045

A STUDY OF THE MAGNITUDE OF TRANSPORTATION NOISE GENERATION AND POTENTIAL ABATEMENT ...Legal Studies; Noise; Noise Abatement; ...6.0052

ENVIRONMENTAL FACTORS IN RELATION TO TRAFFIC ...Air Pollution -see Specifics; Geometric Design; Noise; Residential Buildings; Smoke -see Air Pollution; ...6.0063

NOISE ...Building Design; Freeways; Noise; Planning; Urban Research -general; ...6.0064

Training Grants, Fellowships

AIR POLLUTION TRAINING PROGRAM ...Air Pollution -see Specifics; Climates -general; Motivation and Instinct; Pesticide Action on Animals; Pesticides -nonspecific; Wildlife -nonspecific; ...1.0295

DEMONSTRATION AND TRAINING ON CONTINUOUS AIR SAMPLING INSTRUMENTS ...Air Pollution Monitoring; Air Pollution Sampling; Atmosphere Composition; ...1.0759

ON-THE-JOB TRAINING FOR PERSONNEL OF REGIONAL, STATE, LOCAL AND OTHER FEDERAL AGENCIES OR OTHER NAPCA PROGRAMS (ABBREV) ...Air Pollution-chemistry; Chemical Analysis -general; Data & Statistics Info Storage; ...1.0821

IDENTIFICATION AND ORIGIN OF SEASONAL FOAM IN THE PEARL RIVER RESERVOIR ...Reservoirs and Impoundments; Water Pollutant Identification; Water Pollution Sources; ...2.0211

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

HYBRID COMPUTER SIMULATION OF GROUND-WATER BASINS ...California; Computer Models; Data Networks; Development of Models; Groundwater; Simulation Theory; Water Quality Control -general; ...2.0492

THE ECOLOGY OF DRAKE'S CREEK, KENTUCKY ...Aquatic Ecology - Animal; Kentucky; Management (water); Survey Studies (water); Water Standards & Baselines; ...2.0596

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; Land Use; New York; Plants - Dicotyledons; Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

MARINE FISHERIES - ESTUARINE ALGAL COMMUNITIES ...Animal Interrelationships -gen; Commercial Fishing; Estuaries; Marine Plants; Plant Productivity -general; Salinity (water); Water Standards & Baselines; ...2.1682

MEASUREMENT AND MANAGEMENT ASPECTS OF WATER TOXICOLOGY ...Analysis and Detection; Biological Effects; Chemical Analysis (water); Food Contamination; Plant Food Chains; Thermal Pollution; ...2.1793

DEVELOPING BROADLY COHERENT MULTIDISCIPLINARY RESEARCH AND GRADUATE TRAINING PROGRAMS IN ENVIRONMENTAL QUALITY ...Conservation -see Soil Conser.; Plant Ecology -nonspecific; Soil Tillage; Waste Disposal-see Solid Waste; ...2.1853

AGRICULTURAL WASTE INVESTIGATIONS ...Farm Animal Wastes; Livestock -nonspecific; Pesticide Residues; Pesticides - nonspecific; ...3.0010

DAIRY CATTLE MANAGEMENT IN URBAN PROXIMITY ...Bacteria -nonspecific; Farm Animal Wastes; Product Development Research; Suburban Areas; Urine; ...3.0364

Transportation

AN EVALUATION OF FREE TRANSIT SERVICE ...Consumption; Economic Studies -general; Land Use; Massachusetts; Social Aspects; Traffic Engineering; Transportation Management; Urban Research -general; ...1.0446

MULTISPECTRAL CAMERA CLUSTER ...Aircraft Remote Sensing; Economics of Natural Resources; Land Use; Soil Tillage; Surveying; Transportation Management; Urban Research -general; ...2.0593

ADVANCED STUDY OF COASTAL ZONE OCEANOGRAPHIC REQUIREMENTS FOR EARTH RESOURCES TECHNOLOGY

SATELLITE ...Coastal Engineering -general; Land Use, Modification Effects; Marine Biology - General; Marine Pollution; Spacecraft Sensory Devices; Water Pollution Sources; ...2.0713

LAKE ERIE DIKE ...Dams -general; Harbors; Iron and Steel Industry; Model Studies; Physical Models; Sediments; Waste Type; Waves -see Ocean Waves; ...2.1051

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation, Water Resources; Water Control Works -general; Water Resources Protection; ...2.1928

FUNDAMENTAL STUDIES OF COMPREHENSIVE DISTRICT PLANNING IN URBAN AREAS ...Architecture and Design; Public Utilities; Urban Environment; Urban Research -general; Water Supply Facilities; ...3.0323

PLANNING STANDARDS FOR APPLICATION WITH THE LAND USE ACTIVITY ALLOCATION MODEL (LUAAM) ...Land Use; Noise; Residential Buildings; Right-of-way -see Legal Study; Transportation Management; Zoning; ...6.0056

Freight Service

ARCTIC ENGINEERING GEOLOGY (NASA) ...Alaska; Infrared Radiation; Oil and Natural Gas - Sulfur; Petroleum Research; Surveying; Transportation Management; ...2.0497

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET [illegible]D ESTUARINE RESOURCES ...Administrative Orga[illegible]ons; Demand and Use - recreation; Electric Power Plants; Est[illegible]ies; Generators; Harbors; Legal Studies; Power Plants -see Specific; [illegible]ecreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

Bulk

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

Farm Produce

PACKAGING ...Engineering Mechanics; Packaging Materials; Plant Waste Removal, Treatment, Support Services; ...3.0045

Timber

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Agricultural Economics; Alaska; Cost-benefit Analysis; Equipment & Machinery; Forest Fires -see Fire; Helicopters; Recreation, Outdoor, Types of Resources; ...1.0656

IMPROVED MARKETING PRACTICES AND MARKETS FOR LUMBER AND OTHER MANUFACTURED PRODUCTS OF EASTERN HARDWOODS ...Agricultural Economics; Consumption, Costs -see Economics Entries; Manufacturing; Mulches, Processing; Supply; Tsuga; ...3.0344

Passenger Service

AN EVALUATION OF FREE TRANSIT SERVICE ...Consumption; Economic Studies -general; Land Use; Massachusetts; Social Aspects; Traffic Engineering; Transportation; Transportation Management; Urban Research -general; ...1.0446

TRAFFIC NOISE ...Automobile & Components; Highway Classification; Noise; ...6.0046

EFFECTS OF NOISE EXPOSURE ON VEHICLE OCCUPANTS ...Automobiles; Noise; ...6.0116

Social Aspects

AN EVALUATION OF FREE TRANSIT SERVICE ...Consumption; Economic Studies -general; Land Use; Massachusetts; Traffic Engineering; Transportation; Transportation Management; Urban Research -general; ...1.0446

IMPACTS AND ALLEVIATION OF TRANSPORTATION NOISE ...Costs -see Economics Entries; Noise; Noise Abatement; Urban Research -general; ...6.0022

Transportation Buildings

VENTILATION DURING TUNNEL CONSTRUCTION ...Air Pollution-chemistry; Dust; Legal Studies-general; Particulate Matter - Air Poll.; Smoke -see Air Pollution; Tunnels; ...1.0140

THE VALUATION COEFFICIENT OWING TO ALTITUDE FOR VEHICULAR SMOKE IN TUNNELS ...Building Construction; Engines; Tunnels; ...1.0704

VENTILATION, ILLUMINATION, AND NOISE CONTROL IN TUNNELS ...Building Construction; Model Studies; Noise; Traffic Engineering; Transportation Design; Tunnels; ...6.0032

THE EFFECT OF A TUNNEL COVER ON SOUND ABSORPTION IN THE TUNNEL ...Building Acoustics -see Noise; Noise; Tunnels; ...6.0034

Transportation Design

AIR POLLUTION POTENTIAL FROM AN URBAN FREEWAY ...Air Pollution; Air Pollution Monitoring; Freeways; Model Studies, Urban Research -general; ...1.0128

HIGHWAY DRAINAGE STUDY ...Drainage; Drainage Systems; Groundwater, Maryland; Sewer Systems; ...2.0172

ARCTIC ENGINEERING GEOLOGY (TAPS) ...Alaska; Environmental Hazards; Geology -general; Permafrost - Frozen Soils; Polar Regions; Remote Sensing; ...3.0017

ESTABLISHMENT OF STANDARDS FOR HIGHWAY NOISE LEVELS ...Handbooks; Landscape and Roadside Studies; Noise; ...6.0026

VENTILATION, ILLUMINATION, AND NOISE CONTROL IN TUNNELS ...Building Construction; Model Studies; Noise; Traffic Engineering; Transportation Buildings; Tunnels; ...6.0032

Geometric Design

TRAFFIC NOISE NEAR HIGHWAYS AND THE EFFECTS OF DESIGN AND ENVIRONMENTAL VARIABLES ...Noise; ...6.0024

ENVIRONMENTAL FACTORS IN RELATION TO TRAFFIC ...Air Pollution -see Specifics; Noise; Residential Buildings; Smoke -see Air Pollution, Traffic Engineering; ...6.0063

Location

ARCTIC ENGINEERING GEOLOGY (NASA) ...Alaska; Freight Service; Infrared Radiation; Oil and Natural Gas - Sulfur; Petroleum Research; Surveying; Transportation Management; ...2.0497

ARCTIC ENGINEERING GEOLOGY (TAPS) ...Alaska; Environmental Hazards; Geology -general; Permafrost - Frozen Soils; Polar Regions; Remote Sensing; ...3.0017

Structural Design

TRAFFIC NOISE ...Noise; Pavement, Tires; ...6.0033

Transportation Management

ASSIST OCS IN THE DEVELOPMENT OF COMPUTERIZED SYSTEM FOR PROJECTING MOTOR VEHICLE EMISSIONS AND SUPPLY ADJUNCT ANALYSES ...Air Pollution; Characteristics; Engine; Nitrogen and Nitrogen Cpds.; Traffic Engineering; Trucks; ...1.0093

AN EVALUATION OF FREE TRANSIT SERVICE ...Consumption; Economic Studies -general; Land Use; Massachusetts; Social Aspects; Traffic Engineering; Transportation; Urban Research -general; ...1.0446

ARCTIC ENGINEERING GEOLOGY (NASA) ...Alaska; Freight Service; Infrared Radiation; Oil and Natural Gas - Sulfur; Petroleum Research; Surveying; ...2.0497

MULTISPECTRAL CAMERA CLUSTER ...Aircraft Remote Sensing; Economics of Natural Resources; Land Use; Soil Tillage; Surveying; Transportation; Urban Research -general; ...2.0593

TUBE TRANSPORT - AN IMPROVED CONCEPT OF URBAN REFUSE COLLECTION, TRANSPORTATION AND RECYCLING ...Pumps; Solid Waste Management; Transportation; Urban Research -general; ...3.0387

RESEARCH ON FAULTS AND FAULT ACTIVITY FOR LAND-USE PLANNING ...Environmental Geology; Environmental Hazards; Faults - Geology; Literature Search; Nuclear Reactors; Planning; ...5.0015

PLANNING STANDARDS FOR APPLICATION WITH THE LAND USE ACTIVITY ALLOCATION MODEL (LUAAM) ...Land Use; Noise; Residential Buildings; Right-of-way -see Legal Study; Transportation; Zoning; ...6.0056

Tropical Regions

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution; Circulation - Patterns; Forecasting - Prediction; Mesometeorology; Prediction; Statistics; Urban Environment; Weather Modification; ...1.0022

AIR-SPORA IN HAWAII ...Air Pollution -see Specifics; Atmospheric Dynamics; Fungi -nonspecific; Humidity - Water Vapor; Organic Compounds; Plant Pathogenetic Fungi; Pollens -see Air Pollution; Wind; ...1.0045

ECOLOGY OF A TROPICAL SHORE - PRE-ANALYSIS FOR POLLUTION STUDIES ...Ecological Effects; Marine Geology; Petroleum -see Oil; Pollution Effects -see Water; Water Pollution Abatement; ...2.0058

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Turbidity (water); ...2.0315

COMPARISON OF MULTIPLE TUBE & MEMBRANE FILTER TECHNIQUES FOR COUNTS OF COLIFORM, FAECAL COLI & ENTEROCOCCI IN TROPICAL WATERS ...Australia; Coliforms -nonspecific; Filtration; Intestinal Bacteria; Marine Plants; Sewage Bacteria; ...2.0483

VIABILITY OF INDICATOR BACTERIA, COLIFORM, FAECAL COLI & ENTEROCOCCI IN VARIOUS TROPICAL WATERS OF THE NORTHERN TERRITORY INCLUDING SEAWATER ...Australia; Bioindicators; Intestinal Bacteria; Sewage Bacteria; Water Pollutant Identification; ...2.0484

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp. - non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering - geologic; ...2.0566

REMOTE SENSING - TEKTITE, VIRGIN ISLANDS ...Man in the Sea Programs; Marine Environments; Marine Pollution; Puerto Rico; Spacecraft Sensory Devices; Virgin Islands; ...2.0819

STUDIES TO PROVIDE DATA CONCERNING THE EFFECTIVENESS STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Disinfectants; Disinfectants & Antiseptics Ns; Field Water Purification; Stability; ...2.0910

STABILIZATION POND OPERATION IN TROPICAL AREAS ...Algae -nonspecific; Nitrogen and Nitrogen Cpds.; Sewage Lagoons; Waste Management -see Specific; Water Depth, Water Levels; ...2.1216

DETERMINATION OF BIODEGRADATION RATES IN SOME POLLUTED TROPICAL WATERS AND IN SOME TYPES OF LIQUID WASTES COMMON IN PUERTO RICO ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Puerto Rico; Rate of Reaction; Salinity (water); Total Organic Carbon; Waste Water Degradation; ...2.1409

EFFECTS OF NUTRIENTS AND POLLUTANTS ON THE GROWTH OF MARINE PHYTOPLANKTON ...Algal Physiology; Marine Biology - General; Marine Pollution; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pacific Ocean; Temperature (water); ...2.1499

COHERENT AREA RESEARCH PROGRAM IN ECOLOGY ...Animal Behavioral Ecology; Animal Succession; Eutrophication; Invertebrate Physiology; Poeciliid; ...2.1518

THE BIOLOGY OF THE INFAUNA OF A TROPICAL SOFT BOTTOM AREA ...Annelida; Bays; Echinodermata; Estuaries; Marine Environments; ...2.1530

THE BIOLOGY OF TROPICAL BOTTOM INVERTEBRATES ...Cirripedia; Echinodermata; Environmental Ecology; Marine Pollution; ...2.1531

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); ...2.1538

IMPROVED PROCESSING OF HAWAIIAN FRUITS ...Carotenoid Pigments; Food Engineering & Technology; Plant Waste Removal, Treatment; Product Development Research; ...3.0117

CLIMATIC AND SOIL FACTORS INFLUENCING HERBICIDE ACTIVITY AND PERSISTENCE ...Ametryn; Cotoran; Herban; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Rain; Soil Analysis; Soil pH; Soil Types -also See Specifics; Terbacil; ...4.0170

CONTROL OF WEEDS ...Ametryn; Diuron; Pesticide Formulation; Pesticide Phytotoxicity; Pesticides -other; Puerto Rico; Saccharum; ...4.0471

AGRICULTURAL CHEMICAL RESIDUES IN PLANT AND ANIMAL PRODUCTS ...Ametryn; Brassica Species; Cajanus; Caricaceae; DDT; Dieldrin; Dioscoreaceae; Euphorbiaceae; Lycopersicum; Pesticide Interaction With Env; Pesticide Residues; Radioisotopes -nonspecific; Saccharum; ...4.1107

BIOENVIRONMENTAL AND ECOLOGICAL DATA AND INFORMATION CENTER IN SUPPORT OF BIOENVIRONMENTAL AND RADIOLOGICAL SAFETY FEASIBILITY STUDIES ...Aquatic Ecology - Animal; Critically Evaluated Info; Data & Statistics Info Storage; Information Science; Plant Ecology -nonspecific; Radiologic Health; ...5.0062

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; ...5.0218

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE: THE MINERALIZATION OF ORGANIC NITROGEN IN SOILS FROM VOLCANIC MATERIAL ...Alluvium - Alluvial; Humid Climates; Organic Soils -see Soils; Radiation Effects - Biological; Sediment Lithification; Soil Chemical Properties; Soil Organic Content; ...5.0219

RADIATION DAMAGE IN TROPICAL RAIN FOREST TREES ...Forest Environment -general; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Rain Forests; ...5.0513

RECOVERY OF A TROPICAL RAIN FOREST FOLLOWING EXPOSURE TO GAMMA RADIATON ...Dominant Organisms; Moraceae; Plants; Radiation Resistance; Rain Forests; Soil Cover Crops; X and Gamma Rays; ...5.0544

Truck Farming -vegetables

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Delaware; Food Processing Industries; Irrigation; Plant Waste Removal, Treatment; Rain; Vegetables; Water Costs; ...2.1214

DEVELOPMENT OF EQUIPMENT AND TECHNIQUES FOR CROP RESIDUES ...Gossypium; Loam -see Soil Types; Plant Residues, Humus, Compost; Population Dynamics -general; Soil Moisture; Soil Tillage; Waste Disposal on Soils; ...3.0201

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; ...4.0265

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; ...4.0272

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Brassica Species; Cdas: Cucumis Sativus; Cynodon; Daucus Species; Hibiscus; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Raphanus; Solanum; Trifluralin; ...4.0284

Trucks

PRODUCTS OF COMBUSTION OF DISTILLATE FUELS FOR MOTIVE POWER ...Buses; Combustion; Diesel Equipment; Fuels; Nitrogen and Nitrogen Cpds.; Odor; ...1.0124

COLD START SURVEILLANCE TESTS OF NEW VEHICLES ...Diesel; Engine, Engines; Spark Ignition; ...1.0728

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

PIPE TRANSPORT OF SOLID WASTE ...Biological Treatment-general; Costs -see Economics Entries; Pipelines; Pipes; Sewage - Domestic; Transportation; Urban Research -general; ...3.0291

Tunnels

VENTILATION DURING TUNNEL CONSTRUCTION ...Air Pollution-chemistry; Dust; Legal Studies-general; Particulate Matter - Air Poll.; Smoke -see Air Pollution; ...1.0140

THE VALUATION COEFFICIENT OWING TO ALTITUDE FOR VEHICULAR SMOKE IN TUNNELS ...Building Construction; Engines; Transportation Buildings; ...1.0704

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE ...Aircraft Remote Sensing; Chesapeake Bay; Estuaries; Fluorometry; Monolayers; Petroleum Wastes - Spillage; Water Pollutants - Path of; Wind; ...2.0411

VENTILATION, ILLUMINATION, AND NOISE CONTROL IN TUNNELS ...Building Construction; Model Studies; Noise; Traffic Engineering; Transportation Buildings; Transportation Design; ...6.0032

THE EFFECT OF A TUNNEL COVER ON SOUND ABSORPTION IN THE TUNNEL ...Building Acoustics -see Noise; Noise; Transportation Buildings; ...6.0034

CONCRETE BASE FOR RAILWAY TRACKS ...Engineering Mechanics; Mathematical Models; Noise; Pavement; Railroads - see Transportation; Structural Mechanics; ...6.0043

Turbidity (water)

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Elevation Levels, Altitude; Erosion; Forest Watersheds; Mineralogical Water Properties; Oligotrophic Lakes; Optical Properties of Water; Recreation, Water Resources; Temperature Or Heat Budgets; ...2.0032

SMALL IMPOUNDMENTS - FOSS RESERVOIR ...Management (water); Mineralogical Water Properties; Reservoirs and Impoundments; Sediments; Water Quality -general; ...2.0073

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Water Quality -general; ...2.0079

DEPOSITION OF FINE SEDIMENTS IN TURBULENT FLOWS ...Channel Roughness; Currents (water); Estuaries; Fluid Mechanics; Forecasting - Prediction; Rate of Deposition; Sedimentation; Solid Waste; ...2.0101

A STUDY OF THE EFFECTS OF ISLAND DEVELOPMENT ON LAKE WATER QUALITY ...Acidity (water); Economics -recreation; Lakes; Nitrogen and Nitrogen Cpds.; Plankton; Recreation, Water Resources, Types of Resources; ...2.0115

THE COLIFORM BACTERIA, PLANKTON, & RELATED PHYSICO-CHEMICAL FACTORS IN LAKE PONTCHARTRAIN AT NEW ORLEANS, LA ...Acidity (water); Bottom Sampling; Louisiana; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Sediments, Water; ...2.0164

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality Control -general; ...2.0166

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Water Temperature Recorders; ...2.0229

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Coastal Engineering -general; Eutrophic Lakes; Eutrophication; General Recreation Studies; New York; Plant Productivity -general; Waves -see Ocean Waves; ...2.0271

FATE OF POLLUTANTS IN ESTUARIES AND MARINE BAYS ...Bays; Coastlines - Shorelines; Estuaries; Forecasting - Prediction; Water Pollutants - Path of; Water Pollution Effects; ...2.0285

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; ...2.0315

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Washington; Water Depth, Water Levels; ...2.0332

POLLUTION POTENTIAL OF RUNOFF FROM LIVESTOCK FEEDING OPERATIONS ...Agricultural Runoff; Biochemical Oxygen Demand; Chemical Oxygen Demand; Coliforms -nonspecific; Livestock -nonspecific; Precipitation; South Dakota; ...2.0361

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; ...2.0362

EFFECT OF DREDGING ON THE NUTRIENT LEVELS AND BIOLOGICAL POPULATIONS OF A LAKE ...Acidity (water); Biological Water Properties; Lakes; Nutrients; Phytoplankton; Silting (water) -see Sediment; ...2.0365

CHANGES IN WATER QUALITY PARAMETERS OF RESERVOIRS DURING REGULATED FLOW CONDITIONS ...Acidity (water); Chemical Analysis (water); Eutrophication; Organic Matter; Tennessee; Water Bacteria; Water Quality -general; ...2.0369

SEPARATION OF SOLAR AND HEATED DISCHARGE EFFECTS ...Computer Models; Dyes; Energy Conversion; Rocks - Bedrock; Solar Radiation -sunshine; Thermal Pollution; Water Pollutants - Path of; ...2.0372

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Water Pollution Sources; Water Quality Control -general; ...2.0402

EFFECTS OF SOUTH SHORE DRAINAGE BASINS AND CLAY EROSION ON THE PHYSICAL AND CHEMICAL LIMNOLOGY OF WESTERN LAKE SUPERIOR ...Chemical Analysis (water); Clay Soils; Facies; Lake Superior; Pleistocene Epoch; Water Quality -general; ...2.0459

MATHEMATICAL MODEL OF MICRONUTRIENTS AND BIOLOGICAL PATTERNS IN LAKE MEAD ...Animal Productivity; Arizona; Colorado River; Mathematical Models; Nevada; Optical Properties of Water; Primary Productivity - Plants; Reservoirs and Impoundments; Trace Elements; Zooplankton; ...2.0477

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Em Radiation; Marine Biology - General; Monolayers; Polarimetry; Reflectance; Survey Studies (water); Water Pollutant Identification; ...2.0499

AN ECOLOGICAL STUDY OF THE LOWER HOUSATONIC RIVER - PHASE I - SURVEY OF THE CHEMICAL ASPECTS OF THE RIVER ...Alkalinity (water); Chemical Water Properties; Connecticut; Ecological Effects; Optical Properties of Water; Survey Studies (water); Zinc; ...2.0523

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; ...2.0535

POTENTIAL ALGAL PRODUCTIVITY AS MEASURED BY A TURBIDOSTAT ...Algae -nonspecific; Analysis and Detection; Nutrients; Primary Productivity - Plants; ...2.0625

MAYFLY DISTRIBUTION AS A WATER QUALITY INDEX ...Animal Habitat Studies; Animal Productivity; Environmental Ecology; Mississippi River; Range Or Territorial Distr.; Water Quality -general; ...2.0648

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Channels; Drainage; Eutrophication; Fish; Pesticide Residues; Pesticides -see Pesticide; Reservoirs and Impoundments; ...2.0653

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Water Chemistry; Water Wells; ...2.0677

UPPER DELAWARE WASTE ASSIMILATIVE CAPACITY MODEL ...Acidity (water); Biological Water Properties; Delaware River; New Jersey; Sewage - Domestic; Waste Disposal-see Solid Waste; ...2.0678

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Water Bacteria; Zooplankton; ...2.0750

QUANTITATIVE METHODS FOR PESTICIDES IN NATURAL WATERS ...Carbamates -nonspecific; Chemical Analysis; Organophosphorous Cpds.; Pesticide Aquatic Cycling; Pesticides - see Pesticide; ...2.0757

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Energy Conversion; Flume Studies; Model Studies; Rubidium; Water Pollution Sources; ...2.0813

INFLUENCE OF SEDIMENTATION UPON THE PRODUCTION OF GAME FISHES ...Animal Productivity; Ecological Effects; Fish Food Organisms; Pollution Effects -see Water; Sediment Yield; Sediments; ...2.0881

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Ash-coal Filters; Filters-filtration; Filtration; Pilot Plants; Sand; Soil Particle Size; Water Distribution Systems; ...2.0887

WATER SUPPLIES ...Chemical Water Properties; Chlorination; Disinfectants; Filtration; Iowa; Water Quality -general; Water Utilization -domestic; ...2.0895

EFFECTS OF INTERACTIONS OF CHEMICALS FOR WATER TREATMENT ...Bacterial Pollutant Sources; Chemical Water Properties; Chlorine; Organic Water Properties; Potable Water; ...2.0908

DEVELOPMENT NEUTRON ACTIVATION TECHNIQUES FOR INVESTIGATION OF WATER CLARIFICATION ...Activation Analysis; Coagulation; Flocculation, Soil Filters; Zeta Potential; ...2.0915

THE VORTEX CHAMBER AS A GRIT REMOVAL DEVICE FOR WATER TREATMENT ...Fluid Mechanics; Pollutant Removal; Waste Treatment; Water Purification; ...2.0945

WATER QUALITY CONTROL BY SELECTIVE WITHDRAWAL AND REAERATION ...Aeration (water); Mathematical Models; Reservoirs and Impoundments; Seismology; Water Quality - general; ...2.0979

THREE DIMENSIONAL DISPERSION FROM POINT SOURCES OF CHEMICAL OR THERMAL POLLUTION IN OPEN CHANNELS ...Channels; Lasers - Masers; Mathematical Models; Radiation Detectors; Scattering; Thermal Pollution; Water Pollutant Identification; ...2.0990

EFFECTS OF CONTAMINANTS ON REAERATION ...Aeration (water); Chemical Oxygen Demand; Illinois River; Management (water); Water Purification; ...2.1009

REMOVAL OF SUSPENDED MATTER AND TURBIDITY FROM WATER BY FLOCCULATION ...Colloidal Phenomena; Electrochemistry; Floods; Israel; Salinity (water); Suspension; Water Chemistry; ...2.1022

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacterial Pollutant Sources; Coliforms -nonspecific; Filtration; Foreign Agriculture; Hydrolysis, Esterification; Pilot Plants; Recharge (water); Sediments; ...2.1023

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Data Reduction and Analysis; Forecasting - Prediction; Groundwater; Land Use; Mans Pollutional Activities; Sewage; Waste Disposal-see Solid Waste; Water Quality -general; ...2.1054

INSTREAM AERATION AND PARAMETERS OF NITROGENOUS BIOCHEMICAL OXYGEN DEMAND ...Aeration (water); Algal Physiology; New Jersey; Systems Analysis - Water Mgmt; Water Quality Control -general; ...2.1057

FRESH-SALT WATER IN ESTUARIES SEDIMENTATION PROCESSES ...Estuaries; Marine Environments; Physical Models; Rate of Depoaition; Suspension; Tides; Virginia; ...2.1123

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Water Pollution Abatement; Water Quality -general; ...2.1129

FILTRATION OF AQUEOUS EFFLUENTS CARRYING EMULSIFIED OILS ...Chemical Water Properties; Coalescence; Filters-filtration; Fluid Mechanics; ...2.1169

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Algae -nonspecific; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Pilot Plants; Process Design; Waste Water Treatment -general; ...2.1170

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Biological Effects; Centrarchidae; Cyprinidae; Deltas; Flood Control Planning; Osteichthyes -other; ...2.1484

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ...Aquaria; Industrial Wastes; Mining Industry; Physiological Effects; Salinity (water); Temperature; Turbidity; Water Pollution Effects; ...2.1487

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Core Analysis; Fish and Shellfish; Lumbering -general; Pulp and Paper Wastes; Sedimentation; Temperature (water); Water Pollution Effects; ...2.1496

EFFECTS OF ALTERNATE BLOCK CUTTING ON STREAMBED SEDIMENTATION & WATER TEMPERATURES IN BUMMER LAKE CREEK, DEL NORTE COUNTY, CALIFORNIA ...Animal Habitat Studies; California; Fish and Shellfish; Forest Watersheds; Lumbering -general; Salmonidae; Temperature (water); ...2.1497

STANDARDS AND CRITERIA - EFFECT OF TURBIDITY ...Chemical Properties; Sediments; Soil Tillage; Water Utilization - general; ...2.1510

PHYSIOLOGY AND BEHAVIOR OF LARVAE (PHYSIOECOLOGY OF SHELLFISH PROGRAM) ...Animal Distribution; Captive Rearing; Clams; Contamination - Water; Environmental Ecology; Fish Farming; Invertebrate Physiology; Optical Properties of Water; Pesticides -nonspecific; Spawn Or Nesting Sites; Temperature (water); ...2.1516

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general; Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks, Water Pollution Sources; ...2.1525

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal; Chemical Water Properties; Estuaries; Georgia; Invertebrates -nonspecific; Physical Water Properties; Pulp and Paper Wastes; ...2.1537

EFFECTS OF SILTATION AND COARSER SEDIMENTS ON DISTRIBUTION AND ABUNDANCE OF STREAM-INHABITING INSECTS ...Aquatic Ecology - Animal; Deposition-general; Environment Resistance-animals; Sediments; Silting (water) -see Sediment; Size; Vertical Distribution; ...2.1542

DISTRIBUTION AND ECOLOGY OF AQUATIC INSECTS OF IDAHO ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Environmental Ecology; Insects - Beneficial; Lumbering -general; Ponds; Range Or Territorial Distr.; Temperature (water); ...2.1543

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Fish; Induced Temperature; Oxygen Content (water); Plankton; Temperature (water); Turbines; ...2.1552

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Contamination - Water; Fish; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; Zinc; ...2.1628

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology - Animal; Embryology -basic; Environmental Physiology; Fish

Food Supply -other; Micropterus Salmoides; Temperature (water); Water Pollution Effects; Water Quality -general; ...2.1649

THERMAL EFFECTS IN FLOWING STREAMS ...Currents (water); Electric Power Plants; Nutrients; Pollution Effects -see Water; ...2.1706

COAL STRIP MINE WATERSHED DEMONSTRATION--JACKSON COUNTY, ALABAMA ...Alabama; Coal; Strip Mines; Water Pollution Effects; Water Quality -general; ...2.1715

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Water Pollution Sources; Water Standards & Baselines; ...2.1792

EFFECT OF MUNICIPAL SEWAGE PLANT EFFLUENT UPON AQUATIC SNAIL POPULATIONS ...Aquatic Ecology - Animal; Chlorine; Ecological Effects; Lake Champlain; Mercury; Pollution Effects -see Water; Sewage; ...3.0053

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; ...4.0041

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Biological Effects; Chemical Effects; Herbicides and Other Chem; Metabolism of Algacides; Oxygen Content (water); Ponds; Water Quality -general; ...4.0392

Turbines

KINETICS OF NO AND CO FORMATION IN COMBUSTION GASES ...Air Pollution-chemistry; Cars; Combustion; Fuels; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0060

TURBOPROPULSION ENGINE EXHAUST EMISSIONS INVESTIGATION ...Engines; ...1.0121

TECHNICAL AND ECONOMIC FEASIBILITY OF OIL-FIRED COGAS POWER STATIONS ...Electric Power Plants; Power Plants; Water Quality Control -general; ...1.0440

LOW POWER TURBOPROPULSION EXHAUST EMISSIONS ...Engines; Environmental Aspects; ...1.0547

CONTROL OF NOX EMISSIONS FROM AIRCRAFT GAS TURBINES ...Air Pollution-chemistry; Combustion; Nitrogen and Nitrogen Cpds.; ...1.0537

ENGINE EXHAUST EMISSIONS MEASUREMENT SYSTEM ...Engines; Nitrogen and Nitrogen Cpds.; ...1.0719

SAE COMMITTEE ON DIESEL AND AIRCRAFT GAS TURBINE EMISSIONS MEASUREMENTS ...Committee Support; Diesel; Engines; Inorganic Gases; ...1.0743

SINGLE COMBUSTOR RIG INVESTIGATION OF TURBINE ENGINE EXHAUST EMISSIONS ...Air Cleaning Devices; Air Pollution-chemistry; Chemical Analysis -general; Combustion; Engines; Fuels; ...1.0836

TURBOPROPULSION AUGMENTOR EXHAUST EMISSIONS INVESTIGATION ...Chemical Analysis -general; Combustion; Engines; ...1.0914

MODELING OF VENTED HYDROTURBINE REAERATION ...Aeration (water); Energy Conversion; Fluid Mechanics; Mathematical Models; Pumps; Reservoirs and Impoundments; ...2.1134

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Fish; Induced Temperature; Oxygen Content (water); Plankton; Temperature (water); Turbidity (water); ...2.1552

SMALL TURBINE ENGINE NOISE REDUCTION ...Engines; Noise Abatement; ...6.0002

ENGINE AND PROPELLER NOISE ...Engines; Noise; Noise Abatement; Rotors - Propellers; Signal Analysis; ...6.0019

TURBOFAN ...Engines; Noise; ...6.0020

TURBOJET ENGINE OUT OF AIRFRAME STATIC RUN-UP NOISE SUPPRESSOR ...Engines; Noise Abatement; ...6.0106

Turf

THE INFLUENCE OF SOILS ON POLLUTION ...Adsorption; Drainage; Nutrients; Pesticide Degradation -see Deg; Pesticides - nonspecific; Soil Fertility; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1046

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff; Arizona; Impaired Water Use; Irrigation; Parks; Runoff (water); Waste Disposal on Soils; ...2.1156

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Water Quality -general; Water Wells; ...2.1158

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bos; Drainage; Effluents - Waste Water; Lysimeters; Rural Areas; Sewage; Soil Aeration; Soil pH; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

DETERMINATION OF HERBICIDAL RESIDUES IN PLANTS AND SOILS, AND FATE OF HERBICIDES IN CERTAIN SOILS ...Degradation; Ornamentals; Patoran; Pesticide Movement in Soils; Pesticide Phytotoxicity; Phaseolus; Vegetables; ...4.0133

TURFGRASS WEED CONTROL ...Arsenicals -nonspecific; Benefin; Bioassay; Cp-53619; Digitaria; Gramineae; Maleic Hydrazide; Pesticide Application Rates; Pesticide Persistance in Soils; Pesticides -other; Plant Resistance; Siduron; Terbutol; Vcs-438; ...4.0172

CHEMICAL PROPERTIES OF ORGANO METALLIC FUNGICIDES ...Benlate; Cell and Tissue Permeability; Fungicides; Liquids Or Sprays; Metal Organics -nonspecific; Ornamentals; Permeability; Pesticide Application Rates; Pesticide Evaluation; Pesticides Compatibility; Translocation; ...4.0196

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; Vegetables; ...4.0252

EFFECTIVENESS AND RESIDUAL PROPERTIES OF SEVERAL HERBICIDES USED IN TURFGRASS AREAS ...Bandane; Bioassay; Dacthal; Environment Accumulation Rates; Gramineae; Liquids Or Sprays; Pesticide Evaluation; Pesticide Persistance in Soils; Planavin; Siduron; ...4.0352

PHYSIOLOGY OF GROWTH OF HORTICULTURAL PLANTS ...B9; Chloro Phenoxy Acetic; D, 2,4-; Fragaria; Growth; Maleic Hydrazide; Pesticide Interaction With Env; Poa Pratensis; Reproductive Physiology; Temperature - Air; ...4.0389

THE DISEASES OF TURFGRASSES AND THEIR CONTROL ...Agrostis; Cynodon; Pesticide Phytotoxicity; PMA; TBZ; Thiram; ...4.0449

TURFGRASS WEED CONTROL ...Bensulide; Digitaria; Gramineae -other; Pesticide Interaction With Env; Temperature - Air; ...4.0459

EFFECT OF PESTICIDES ON TURF PESTS AND TURFGRASSES ...Agrostis; Bandane; Cell Injury and Autolysis; Cma; Dacthal; Dyrene; Forturf; Memmi; Pesticide Persistance in Soils; Siduron; Soil Types -also See Specifics; Trifluralin; ...4.0481

ESTABLISHMENT, MAINTENANCE AND IMPROVEMENT OF TURF GRASSES ...Bensulide; Cutting &/or Grazing Effects; D, 2,4-; Dmso; Gramineae; Growth; Mecoprop; Pesticide Evaluation; Pesticide Phytotoxicity; Soil Moisture; Triazines -nonspecific; ...4.0490

Turkey

NATO/CCMS ...Atmospheric Dynamics; Diffusion; Urban Research -general; ...1.0499

PERFORM INTERNATIONAL STUDIES IN SELECTED NATO COUNTRIES TO ASSESS ATMOSPHERIC POLLUTANT CONCENTRATIONS AND EMISSIONS ...Air Pollution Monitoring; Atmospheric Dynamics; Gases; Weather Forecasting; ...1.0786

RADIOECOLOGY OF THE KUCUK CEKMECE LAGOON ...Aquatic Ecology - Animal; Biological Effects; Contamination - Water; Energy Conversion; Lagoons; Radioactive Isotopes; Sediments; Water Pollutants - Path of; ...2.0392

Tween-80 -see Surfactants

EFFECT OF CHEMICAL ADJUVANTS USED IN FORMULATION ON HERBICIDE PERSISTENCE IN SOILS ...Adjuvants; Bioassay; Cipc; Dmao; Irrigation; Liquids Or Sprays; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Sandy Soils -see Soil Type; ...4.0189

PREPARATION AND BIOASSAY OF SMOKE CONDENSATE FROM TOBACCO SAMPLES ...Bioassays; Co-carcinogenesis; Maleic Hydrazide; Nicotiana; Pesticide Rates -general; Tobacco - cigarettes; ...4.0405

ROLE AND FATE OF SURFACTANTS AND OTHER ADDITIVES IN MODIFYING HERBICIDAL ACTION ...Chromatography; Herbicides -nonspecific; Pesticide Evaluation; Pesticide Persistance in Soils; Pesticide Residues; Radioisotopes -nonspecific; Spectrographic Techniques; Surfactants - Wetting Agents; ...4.0502

METABOLISM OF PESTICIDES IN CATTLE ...Animal Pests; Bos; Domestic Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; Tissue Accumulation Rates; Urine; ...4.0649

BIOASSAY OF SUCKER CONTROL CHEMICALS AND PESTICIDE RESIDUE ON LEAF TOBACCO ...Bioassay; Carbon; Maleic Hydrazide; Nicotiana; Pesticide Residues; Tobacco Products &/or Smoking; ...4.0968

Ultra Violet Radiation

LARGE IRRADIATION CHAMBER STUDIES TO EVALUATE USE OF REACTIVITY SCALES FOR PREDICTING CHEMICAL REACTIVITIES OF HC-NOX MIXTURES ...Aerosols; Air Pollution -see Specifics; Aldehydes -nonspecific; Dosimetry; Light-catalyzed; Nitrogen and Nitrogen Cpds.; ...1.0238

EFFECT OF ATMOSPHERIC POLLUTANTS UPON DISEASE SUSCEPTIBILITY IN CHICKENS AND QUAIL ...Air Pollution - see Specifics; Gallus Domesticus; Quail; ...1.0306

ULTRAVIOLET ABSORPTION IN COASTAL WATERS ...Algae - nonspecific; California; Coastlines - Shorelines; Organic Matter; Plant Productivity -general; ...2.0493

PESTICIDE RESIDUES IN FOODS - REMOVAL, DEGRADATION, AND ANALYSIS ...Gas Chromatography; Metabolites From Pesticides; Methyl Bromide; Pesticide Residue Analysis; Pesticide Residues Removal; Residues in Foods; ...4.0450

MECHANISMS OF PLANT GROWTH REGULATION ...Avena Sativa; Growth Substances; Hydrogen; Pesticide Phytotoxicity; Respiration; ...4.0461

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Carbamates -nonspecific; DDE; Diazinon; Home Economics; Organophosphorous Cpds.; Pesticide Residues; Physical Degradation; TDE; ...4.0963

ULTRAVIOLET LIGHT EFFECTS ON NUCLEIC ACID FORMATION AND GENETIC EVENTS IN BACTERIA ...Bacteria -nonspecific; Cellular Biosynthesis; Cellular Repair Mechanisms; Physical Mutagenesis; Radiation Chemistry -biophys.; ...5.0067

THE PHOTOBIOLOGY AND PHOTOCHEMISTRY OF RIBONUCLEIC ACIDS ...Cellular Repair Mechanisms; Nicotiana; Photoactivation and React; Plants; Radiation -see Specifics; Viruses - Animal; ...5.0088

RADIATION DAMAGE AND ITS REPAIR IN HUMAN CHROMOSOMES ...Cell Injury and Autolysis; Cellular Metabolism - Controls; Kinetics; Radiation, Low Level; ...5.0158

ESR STUDIES OF FREE RADICALS IN RELATION TO BIOLOGICAL EFFECTS OF RADIATION ...Electron Spin Resonance; Laser Effects -bioeffects; Radiation Chemistry - biophys.; Radiation Effects - Biological; Radiation Injury Prevention; Sulfhydryl Compounds; ...5.0164

PHOTO- AND RADIOCHEMICAL REACTIONS OF NUCLEIC ACIDS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Kinetics; Radiation; Radiation Chemistry - biophys.; X and Gamma Rays; ...5.0170

AGING OF BIOLOGICAL SYSTEMS IN SPACE MISSIONS ...Aging; Aldehydes -nonspecific; Carbon; Muridae; Radiation Effects - Biological; Stressors, Physiological; X and Gamma Rays; ...5.0184

COMPARISON OF ULTRA-VIOLET AND X-RAY DAMAGE IN THE PROGENY OF IRRADIATED CELLS - STUDY OF PROTEIN AND RNA SYNTHESIS IN OEDOGONIUM ...Algae - Chlorophyta; Algal Physiology; Cell Injury and Autolysis; Radiation; ...5.0186

EFFECTS OF FRACTIONATED EXPOSURES OF CULTURED MAMMALIAN CELLS TO ULTRA-VIOLET RADIATION ...Biological Basis; Radiation; Radiation Effects - Biological; ...5.0187

STUDIES ON THE EFFECTS OF RADIATIONS ON DNA ...Bacteria -nonspecific; Cell Injury and Autolysis; Microorganisms; Radiation; Radiation Effects - Biological; X and Gamma Rays; ...5.0213

ALTERATION INDUCED BY X-RAY & ULTRAVIOLET LIGHT ON THE SYNTHESIS & MAINTENANCE OF MACROMOLECULAR COMPONENTS WITHIN MICROORGANISMS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Viability; Radiation; Radiation Sensitivity -man; ...5.0244

KINETIC MODELS OF PHOTOREACTIVATION IN BACTERIA ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Metabolism and Biochemistry; Poisson Distributions; Radiation -see Specifics; ...5.0295

PHOTOINACTIVATION AND CELLULAR REPAIR ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Dyes -nonspecific; Escherichia Coli; Radiation; Radiation -see Specifics; ...5.0296

PHOTODYNAMIC MUTAGENESIS ...Bacteriophage; Escherichia Coli; Microorganisms; Radiation; Reversion Mutation; ...5.0297

PARTIAL-CELL IRRADIATION OF MITOTIC CELLS ...Amphibians; Cellular Metabolism - Controls; Protons; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; X and Gamma Rays; ...5.0309

THE ACTIONS OF RADIATIONS ON SOME BIOLOGICAL MODEL SYSTEMS ...Chemical Mechanisms & Kinetics; Ionizing Radiation -see Rad.; Mechanism Determination; Pulse Radiolysis; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0327

ULTRAVIOLET IRRADIATION OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Chemical Mechanisms & Kinetics; Hydrogen; Isotope Tracer -see Tracers; Kinetics; Mass Spectroscopy; Polymerization; Radiation Induced Chem. React.; ...5.0353

TISSUE CULTURE STUDIES OF HUMAN LYMPHOCYTES ...Cellular Metabolism - Controls; Cellular Repair Mechanisms; Radiation; Radiation Effects - Biological; Radioisotopes -nonspecific; ...5.0365

COMPARATIVE STUDIES OF PROTEIN RADIOLYSIS BY VARIOUS MEANS OF IRRADIATION ...Carbon; Electrical Current -bioeffects; Radiation Chemistry -biophys.; Radiation Effects - Biological; X and Gamma Rays; ...5.0367

DERMATOLOGIC REACTIONS INDUCED BY SOLAR RADIATION ...Burns; Cellular Repair Mechanisms; Light-catalyzed; Mechanism Determination; Radiation Injury Prevention; Radiation Sources -general; ...5.0381

EFFECT OF RADIATION ENERGY ON THE ESSENTIAL AROMATIC AMINO ACIDS ...Ionizing Radiation -see Rad.; Oxidation; Photochemical Reactions; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Induced Chem. React.; ...5.0392

STUDIES ON THE MECHANISM OF ULTRAVIOLET INACTIVATION OF ENZYMES ...Radiation Chemistry -biophys.; Radiation Sensitivity -man; ...5.0415

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLET AND X-IRRADIATION DAMAGE ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Repair Mechanisms; Haemophilus Sp; Mutagenesis - nonspecific; Radiation Effects - Biological; ...5.0455

DNA REPAIR IN LYMPHOCYTES ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation Effects - Biological; X and Gamma Rays; ...5.0553

INVESTIGATIONS OF THE BIOLOGICAL EFFECTS OF RADIATION - A MULTI-DISCIPLINE APPROACH ...Dosimetry; Environmental Hazards; Ionizing Radiation -see Rad.; Radiation Effects - Biological; Radioactivity; X and Gamma Rays; ...5.0561

THE RELATIONSHIP OF RADIATION SENSITIVITY TO ALTERATIONS IN THE DNA OF B. SUBTILIS ...Bacillus Subtilis; Bacterial Morphology; Cell Membrane Permeability; Cellular Catabolism-see Degrad; Microorganisms; Radiation Sensitivity - man; X and Gamma Rays; ...5.0564

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Digestive System - Human; Freezing; Muridae; Photochemical Reactions; Radiation; Radiation Effects - Biological; Urine; ...5.0573

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0574

EFFECTS OF RADIATION ON PERMEABILITY AND ENZYMES OF SKIN ...Cell Injury and Autolysis; Injury and Shock; Permeability; Phagocytosis; Radiation; Radiation Effects - Biological; ...5.0575

RADIATION CHEMISTRY, PHOTOCHEMISTRY AND EXCITED STATES OF A) OXYANIONS, B) D.N.A ...Chemical Mechanisms & Kinetics; Free Radical Reactions; Mechanism Determination; Photochemical Reactions; Radiation Effects - Biological; Radiolysis; X and Gamma Rays; ...5.0576

UV MICROBEAM STUDIES OF MITOSIS ...Cell Injury and Autolysis; Radiation; ...5.0578

STUDIES ON UV RADIATION CARCINOGENESIS IN MICE ...Cellular Model Systems; Genetic and Embryonic; Muridae; Radiation Carcinogenesis; Tumor Pathology; ...5.0584

THE BIOLOGICAL EFFECTS OF ENVIRONMENTAL RADIATION ...Environmental Effects - Human; Mammals -nonspecific; Radiation -see Specifics; Radiation Injury Prevention; ...5.0585

RESPONSE OF PIGMENT CELLS TO X- AND UV-RADIATIONS ...Biological Basis; Radiation; Radiation Sensitivity -man; Vertebrates -nonspecific; X and Gamma Rays; ...5.0604

EFFECTS OF ULTRAVIOLET RADIATION ON ALGAE - MECHANISMS OF INACTIVATION AND REPAIR ...Algae - Chlorophyta; Algae - Euglenophyta; Algal Physiology; Cell Injury and Autolysis; Cellular Repair Mechanisms; Plants; Radiation; ...5.0607

STRUCTURE OF THE SPORE-TYPE PHOTOPRODUCT ...Bacteria -nonspecific; Bacterial Morphology; Cell Injury and Autolysis; Microorganisms; Radiation; Radiation Chemistry -biophys.; ...5.0639

X-RAY-INDUCED DAMAGE TO THE DNA OF HAEMOPHILUS INFLUENZAE AND CELLULAR RESPONSE TO THAT DAMAGE ...Bacterial Population Surveys; Cellular Biosynthesis; Kinetics; Radiation; Radiation Sensitivity -man; X and Gamma Rays; ...5.0644

UV REPAIR IN NORMAL HUMAN CELLS AND CELLS FROM XERODERMA PIGMENTOSUM PATIENTS ...Cellular Repair Mechanisms; Radiation Sensitivity -man; ...5.0645

THE CONTROL OF RESPIRATION IN UV-IRRADIATED BACTERIA AND ITS SIGNIFICANCE IN RECOVERY FROM RADIATION DAMAGE ...Bacterial Studies -general; Cell Injury and Autolysis; Cellular Repair Mechanisms; Escherichia Coli; Hyperthermal; Microorganisms; Radiation; ...5.0648

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Bacteria -nonspecific; Cell Injury and Autolysis; Gases; Microorganisms; Plants; Radiation; Temperature; X and Gamma Rays; ...5.0677

RESPONSE OF SKIN TO MONOCHROMATIC LIGHT ...Radiation -see Specifics; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0686

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION ...Carbon; Cellular Biosynthesis; Cellular Metabolism - Controls; Radiation; Radiation Effects - Biological; Rate of Reaction; ...5.0687

BIOCHEMICAL CHANGES IN SKIN INDUCED BY IRRADIATION ...Cellular Biosynthesis; Environmental Effects - Human; Injury and Shock; Metabolism & Metab. Diseases; Radiation -see Specifics; Radiation Effects - Biological; Radiation Sensitivity - man; ...5.0688

BIOCHEMICAL EFFECTS OF RADIATION ON INTACT HUMAN SKIN INCUBATED IN VITRO ...Carbon; Cellular Biosynthesis; Radiation Effects - Biological; Ultraviolet Spectroscopy; ...5.0692

RADIATION RESPONSE OF IN VITRO MAMMALIAN CELLS ...Cancer; Cellular Model Systems; Cellular Viability; Ionizing Radiation -see Rad.; Radiation; Radiation Effects - Biological; ...5.0693

THE RESPONSE OF HIGHER PLANTS TO ULTRAVIOLET LIGHT AND OTHER STRESS FACTORS ...Alpine Regions; Cold Resistance and Hardiness; Light and Sun Resistance; Plants; Radiation Sources -general; Temperature - Air; ...5.0717

STUDIES ON THE EFFECT OF X-RAYS ON DNA SYNTHESIS IN POLYTENE CHROMOSOMES ...Cellular Biosynthesis; Cellular Metabolism - Controls; Cellular Repair Mechanisms; Hydrogen; Invertebrates; Physical Mutagenesis; X and Gamma Rays; ...5.0765

PHOTOBIOLOGICAL STUDIES ON EARLY DEVELOPMENT ...Cell Injury and Autolysis; Echinodermata; Embryology -basic; Invertebrates; Radiation; Radiation Chemistry -biophys.; ...5.0768

REPAIR OF RADIATION-DAMAGED DNA IN HUMAN AND OTHER MAMMALIAN CELLS ...Bos; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; ...5.0791

RECOVERY PROCESSES IN AN AMEBOID CELL ...Biological Basis; Cellular Viability; Protozoa; Radiation; ...5.0855

ULTRAVIOLET DOSIMETRY ...Cell Injury and Autolysis; Radiation; Radiation Effects - Biological; ...5.0903

INVESTIGATIONS OF THERMOLUMINESCENT RADIATION DOSIMETRY ...Chemical Dosimetry; Dosimetry; Instrumentation; Neutron -see Radiation; Photochromism; Thermoluminescent Detectors; ...5.0964

Ultrasonic -bioeffects

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Radiation; Radiation Effects - Biological; Space Medicine - Exobiology; Space Science and Technology; Ultrasonic Engineering; X and Gamma Rays; ...5.0122

STUDIES OF RADIATION DAMAGE TO BIOLOGICAL MATERIALS ...Injury and Shock; Lasers and Masers; Radiation; Radiation Effects - Biological; Sulfhydryl Compounds; X and Gamma Rays; ...5.0400

WHOLE-BODY EFFECTS OF AIR FORCE NOISE ON PEOPLE ...Auditory Physiology; Aviation Medicine; Infra Red; Noise; Performance - Behavioral Study; Sensory & Perceptual Processes; ...6.0010

EFFECT OF ULTRASONIC ENERGY ON AQUATIC PLANTS ...Algae - Chlorophyta; Cell and Tissue Permeability; Cell Membrane Permeability; Chlorophyll; Electronic Components; Permeability; Physical Control; Potamogetonaceae; Ultrasonic Engineering; ...6.0065

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Electronic Components; Radiation; Radiation Effects - Biological; Space Medicine - Exobiology; Space Science and Technology; Ultrasonic Engineering; ...6.0066

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Radiation; Radiation Effects - Biological; Space Medicine - Exobiology; X and Gamma Rays; ...6.0067

INTERACTION OF ULTRASOUND AND BIOLOGICAL MEDIA ...Felidae; Muridae; Ultrasonic Engineering; ...6.0081

ULTRASONIC ABSORPTION BY BIOLOGICAL MATERIALS ...Sound Attenuation Acoustics; Ultrasonic Engineering; ...6.0082

ELECTRICAL AND ACOUSTICAL STUDIES OF CELLS ...Acoustics; Bacteria -nonspecific; Bacterial Studies -general; Cell Membrane Permeability; Ionic Effect; Permeability; Ultrasonic Engineering; ...6.0098

PENETRATIVE AND METABOLIC EFFECTS OF LOW INTENSITY ULTRASOUND IN NERVE AND MUSCLE WITH AND WITHOUT EXTERNALLY ADDED CORTISOL ...Metabolism & Metab. Diseases; Phenols; Sus; ...6.0107

STUDY OF THERMAL EFFECTS DUE TO PROPAGATION OF SOUND WAVES IN TISSUES ...Acoustics; Heat Transfer; Mammals -nonspecific; Mathematical Models; Temperature - Human Body; ...6.0119

Ultrasonics

NITROGEN REMOVAL AND IDENTIFICATION FOR WATER QUALITY CONTROL ...Analysis and Detection; Chemical Analysis (water); Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; ...2.0956

THE RELATIVE MERITS OF DISPERSION TECHNIQUES ...Dispersants; ...2.0976

EFFECT OF SURFACTANT MICELLES ON METAL ION REMOVAL BY FLOTATION FROM METALLURGICAL WASTEWATER ...Chemical Mechanisms & Kinetics; Flotation; Lead; Metal Processing Wastes; Surfactants -see Detergents; Zinc; ...2.1327

THE PRODUCTION OF INSOLUBLE AEROSOLS OF FUSED CLAY CARRYING RADIONUCLIDES FOR USE IN INHALATION RESEARCH EXPERIMENTS ...Aerosols; Barium; Cerium; Fission Products-see Radioact.; Praseodymium; Radioactivity; Strontium; Yttrium; ...5.0446

United Arab Republic

BEHAVIOUR OF CERTAIN RADIONUCLIDES IN THE AQUATIC ECOLOGY OF ISMAILIA CANAL ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Canals; Ecological Effects; Radioisotopes; Water Pollution Sources; ...2.0393

CORROSION AND ENCRUSTATION MECHANISMS IN WATER SUPPLIES ...Corrosion, Deterioration; Demineralization; Mineralization; Oxidation; Thermodynamics; Water Wells; ...2.0991

FEASIBILITY OF THE USE OF LOCAL SOILS AS ION EXCHANGE MATERIALS FOR DISPOSAL OF LIQUID RADIOACTIVE WASTE INTO THE GROUND ...Burial; Energy Conversion; Ion Exchange; Waste Disposal, Underground; Water Pollution Sources; ...2.1110

Upper Atmospheric Chemistry

KINETICS OF ASSOCIATION-DISSOCIATION REACTIONS ...Combustion; Flash; Kinetics; Propellants; ...1.0020

THEORETICAL AERONOMY ...Aerosols; Airglow; Ionosphere; Mass Transport; Scattering; Transfer Phenomena; Upper Atmospheric Temperatures; ...1.0877

LABORATORY STUDIES OF NON-THERMAL ENERGY TRANSFER PROCESSES BETWEEN ATMOSPHERIC MOLECULES ...Molecules; Nuclear Detonations; ...1.0890

WORKSHOP ON RESEARCH PROBLEMS IN AIR AND WATER POLLUTION ...Air Pollution Effects; Eutrophication; Meetings; Thermal Pollution; Water Pollution Effects; ...2.1800

NUCLEONIC TRANSPORT STUDIES ...Cosmic Radiation; Cosmic Rays; Dosimetry; Radiation Injury Prevention; Radiation Penetration; Radiation Shielding; Radiologic Health; ...5.0880

Upper Atmospheric Circulation

THE ROLE OF THE GENERAL CIRCULATION OF THE ATMOSPHERE IN RADIOACTIVE DEBRIS TRANSPORT ...Air Motion; Bibliography; Fallout -see Radioactive; Mass Transport; Radioactivity; Tropopause; ...1.0032

Diffusion

DYNAMICAL MECHANISMS PRODUCING LARGE-SCALE ATMOSPHERIC TRANSPORT OF TRACE SUBSTANCES ...Atmospheric Dynamics; Mass Transport; Stratosphere; Upper Atmospheric Sounding; ...1.0014

ATMOSPHERIC DIFFUSION STUDIES - LIDAR PLUME STUDY ...Lasers and Masers; Power Plants; Smoke; Tennessee; Weather Radar; ...1.0145

ATMOSPHERIC DIFFUSION AND TURBULENCE ...Atmospheric Structure; Dust; Mass Transport; Stratosphere; Turbulence; ...1.0154

ATMOSPHERIC BOUNDARY LAYER TURBULENCE ...Mass Transport; Turbulence; Upper Atmospheric Temperatures; Vertical Movement, Velocity; Winds; ...1.0855

Energy Exchange Processes

THE ROLE OF THE GENERAL CIRCULATION OF THE ATMOSPHERE IN RADIOACTIVE DEBRIS TRANSPORT ...Air Motion; Bibliography; Fallout -see Radioactive; Mass Transport; Radioactivity; Tropopause; Upper Atmospheric Circulation; ...1.0032

TRANSPORT, DEPOSITION, AND METEOROLOGICAL STUDIES OF NUCLEAR DEBRIS IN THE ATMOSPHERE ...Air Pollution Sampling; Atmospheric Dynamics; Atmospheric Structure; Circulation - Patterns; Fission Products-see Radioact.; Radioactivity; Stratosphere; Troposphere; ...1.0713

Jet Streams

DYNAMICAL MECHANISMS PRODUCING LARGE-SCALE ATMOSPHERIC TRANSPORT OF TRACE SUBSTANCES ...Atmospheric Dynamics; Diffusion; Mass Transport; Stratosphere; Upper Atmospheric Sounding; ...1.0014

CONTUNUOUS MEASUREMENTS OF AIRBORNE AND PRECIPITATION RADIOACTIVITY AND METEOROLOGICAL APPLICATION ...Atmospheric Dynamics; Fallout -see Radioactive; Nuclear Detonations; Radioactive Fallout; Scintillation Counting; Spectrographic Techniques; Tracers; Troposphere; ...1.0044

Mass Transport

DYNAMICAL MECHANISMS PRODUCING LARGE-SCALE ATMOSPHERIC TRANSPORT OF TRACE SUBSTANCES ...Atmospheric Dynamics; Diffusion; Stratosphere; Upper Atmospheric Sounding; ...1.0014

THE ROLE OF THE GENERAL CIRCULATION OF THE ATMOSPHERE IN RADIOACTIVE DEBRIS TRANSPORT ...Air Motion; Bibliography; Fallout -see Radioactive; Radioactivity; Tropopause; Upper Atmospheric Circulation; ...1.0032

THE USE OF LEAD-210 TO TRACE TRANSPORT PROCESSES IN THE FREE ATMOSPHERE ...Advection; Air Pollution Sampling; Lead; Radioactive Fallout; Stratosphere; Tracers; ...1.0089

ATMOSPHERIC DIFFUSION AND TURBULENCE ...Atmospheric Structure; Diffusion; Dust; Stratosphere; Turbulence; ...1.0154

ATMOSPHERIC BOUNDARY LAYER TURBULENCE ...Diffusion; Turbulence; Upper Atmospheric Temperatures; Vertical Movement, Velocity; Winds; ...1.0855

THEORETICAL AERONOMY ...Aerosols; Airglow; Ionosphere; Scattering; Transfer Phenomena; Upper Atmospheric Chemistry; Upper Atmospheric Temperatures; ...1.0877

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Precipitation Gages; Radiotracers -see Tracers; Tracers; ...2.0133

Turbulence

ATMOSPHERIC DIFFUSION AND TURBULENCE ...Atmospheric Structure; Diffusion; Dust; Mass Transport; Stratosphere; ...1.0154

ATMOSPHERIC BOUNDARY LAYER TURBULENCE ...Diffusion; Mass Transport; Upper Atmospheric Temperatures; Vertical Movement, Velocity; Winds; ...1.0855

Vertical Movement, Velocity

DYNAMICAL MECHANISMS PRODUCING LARGE-SCALE ATMOSPHERIC TRANSPORT OF TRACE SUBSTANCES ...Atmospheric Dynamics; Diffusion; Mass Transport; Stratosphere; Upper Atmospheric Sounding; ...1.0014

ATMOSPHERIC BOUNDARY LAYER TURBULENCE ...Diffusion; Mass Transport; Turbulence; Upper Atmospheric Temperatures; Winds; ...1.0855

Winds

ATMOSPHERIC BOUNDARY LAYER TURBULENCE ...Diffusion; Mass Transport; Turbulence; Upper Atmospheric Temperatures; Vertical Movement, Velocity; ...1.0855

Upper Atmospheric Composition

Particles

Dust

ATMOSPHERIC DIFFUSION AND TURBULENCE ...Atmospheric Structure; Diffusion; Mass Transport; Stratosphere; Turbulence; ...1.0154

EXCHANGE OF LYOTROPIC SERIES CATIONS BY MICACEOUS VERMICULITES IN RELATION TO SURFACE CONFIGURATIONS OBSERVED BY ELECTRON MICROSCOPY ...Aerosols; Clay Soils; Exchange Capacity; Fission Products-see Radioact.; Microscopy; Mineralogy; Radioactivity; Soil Chemical Properties; Troposphere; ...5.0089

Molecules

LABORATORY STUDIES OF NON-THERMAL ENERGY TRANSFER PROCESSES BETWEEN ATMOSPHERIC MOLECULES ...Nuclear Detonations; Upper Atmospheric Chemistry; ...1.0890

Upper Atmospheric Phenomena

Airglow

THEORETICAL AERONOMY ...Aerosols; Ionosphere; Mass Transport; Scattering; Transfer Phenomena; Upper Atmospheric Chemistry; Upper Atmospheric Temperatures; ...1.0877

Scattering

THEORETICAL AERONOMY ...Aerosols; Airglow; Ionosphere; Mass Transport; Transfer Phenomena; Upper Atmospheric Chemistry; Upper Atmospheric Temperatures; ...1.0877

Upper Atmospheric Radiation

Cosmic Radiation

NUCLEONIC TRANSPORT STUDIES ...Cosmic Rays; Dosimetry; Radiation Injury Prevention; Radiation Penetration; Radiation Shielding; Radiologic Health; Upper Atmospheric Chemistry; ...5.0886

Infrared Radiation

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Weather Data; Wind; ...1.0028

Transfer Phenomena

ULTRAVIOLET RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Energy-radiation; Model Studies; Polarization; Ultraviolet Radiation; ...1.0310

THEORETICAL AERONOMY ...Aerosols; Airglow; Ionosphere; Mass Transport; Scattering; Upper Atmospheric Chemistry; Upper Atmospheric Temperatures; ...1.0877

Ultraviolet Radiation

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Weather Data; Wind; ...1.0028

ULTRAVIOLET RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Energy-radiation; Model Studies; Polarization; Transfer Phenomena; ...1.0310

Upper Atmospheric Sounding

DYNAMICAL MECHANISMS PRODUCING LARGE-SCALE ATMOSPHERIC TRANSPORT OF TRACE SUBSTANCES ...Atmospheric Dynamics; Diffusion; Mass Transport; Stratosphere; ...1.0014

LOW LEVEL VERTICAL OZONE DETERMINED BY INVERSION OF BACKSCATTERED ULTRAVIOLET RADIATION ...Air Pollution Monitoring; Energy-radiation; Gases; Spacecraft Sensory Devices; ...1.0192

Upper Atmospheric Temperatures

ATMOSPHERIC BOUNDARY LAYER TURBULENCE ...Diffusion ; Mass Transport; Turbulence; Vertical Movement, Velocity; Winds; ...1.0855

THEORETICAL AERONOMY ...Aerosols; Airglow; Ionosphere; Mass Transport; Scattering; Transfer Phenomena; Upper Atmospheric Chemistry; ...1.0877

Urban Environment

NUMERICAL MODEL OF THE URBAN ATMOSPHERE ...Advection; California; Humidity - Water Vapor; Mesometeorology; Rural Areas; ...1.0007

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution; Circulation - Patterns; Forecasting - Prediction; Mesometeorology; Prediction; Statistics; Weather Modification; ...1.0022

CHICAGO AIR POLLUTION SYSTEMS MODEL ...Air Cleaning Devices; Diffusion; Gases; Mathematical Models; Trace Analysis; Weather Data; ...1.0046

URBAN CLIMATOLOGY ...Climatography; Microclimates; Minnesota; Precipitation Amount; Rain; Temperature; Urban Research -general; Weather Data; ...1.0067

URBAN AIR POLLUTION AND CLIMATIC CHANGE ...Aerosols; Climatology; Particulates - Air Pollution; Weather Modification; ...1.0072

CHANGING VEGETATION AND ATMOSPHERIC POLLEN ...Air Pollution -see Specifics; Economics of Natural Resources; Lakes; Plant Competition; Pollen -see Pollen; Rural Areas; Wind - see Air Motion; ...1.0076

TRAVELS OF AIRBORNE POLLEN ...Air Pollution; Air Pollution -see Specifics; Atmospheric Dynamics; Engineering Sources-other; Mathematical Models; Pollen -see Pollen; Range Or Territorial Distr.; ...1.0079

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN BIRMINGHAM, ALABAMA. ...Air Pollution -see Specifics; Air Pollution Monitoring; Air Pollution Sampling; Alabama; Urban Research -general; ...1.0168

RESPIRATORY FINDINGS AND URBAN LIVING ...Air Pollution -see Specifics; District of Columbia; Maryland; New York; Respiratory Disease; ...1.0207

URBAN CHRONIC DISEASE EPIDEMIOLOGICAL STUDY PROGRAM ...Air Pollution -see Specifics; Environmental Effects - Human; Occupational Hazards; Social Aspects; ...1.0224

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN NEW YORK CITY, NEW YORK ...Air Pollution -see Specifics; Air Pollution Monitoring; New York; Weather Data; ...1.0229

PULMONARY DEPOSITION AND CLEARANCE OF DUST IN MAN ...Air Pollution -see Specifics; Digestive System - Human; Dust; Equidae; Medical Physics; Respiratory Irritants, Inhaled; Tobacco -cigarettes; ...1.0230

CHRONIC LUNG DISEASE RESPONSE TO POLLUTION FREE AIR ...Air Pollution -see Specifics; Respiratory Disease; ...1.0234

COMPLETE ANALYSES OF DATA PREVIOUSLY COLLECTED AND PREPARE A REPORT ON THE RELATIONSHIP BETWEEN SCHOOL ABSENCES AND AIR POLLUTION LEVELS ...Air Pollution -see Specifics; ...1.0254

AIR POLLUTION EFFECTS ON AIRBORNE RESPIRATORY DISEASE ...Air Pollution -see Specifics; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Sulfur Dioxide; Temperature & Humidity Effects; ...1.0304

EFFECTS OF DUSTS ON VEGETATION ...Air Pollution; Air Pollution Effects; Cell Injury and Autolysis; Industrial Pollution - general; Particulates - Air Pollution; ...1.0320

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Humidity; Northeast U. S.; Permeability; Solanaceae; Vegetables; ...1.0369

EFFECT OF NATURAL GAS ON SOIL ECO-SYSTEMS IN AN URBAN ENVIRONMENT ...Air Pollution -see Specifics; Fuels; Leakage; Soil Analysis; ...1.0393

ECONOMIC EVALUATION OF ALTERNATIVE POLICIES FOR AIR RESOURCE MANAGEMENT ...Air Pollution -see Specifics; Costs -see Economics Entries; Government -see Federal Gov.; Mathematical Models; Urban Research -general; ...1.0443

ANALYSES OF DATA & A REPORT ON RELATIONSHIPS BETWEEN SOCIO-ECONOMIC LEVELS OF AIR POLLUTION IN CHICAGO CENSUS TRACTS (ABBREV) ...Air Pollution - see Specifics; Air Pollution Effects; Social Aspects; ...1.0467

FOR SEMINARS AND STUDIES ON ENVIRONMENTAL ARTS AND SCIENCES, POPULATION GROWTH, URBANIZATION, POLLUTION, AND RELATED SUBJECTS ...Air Pollution -see Specifics; Environment; Environmental Geology; Technology - Social Impact; Urban Research; Water Quality -general; ...1.0478

THE ORGANIZATIONAL FACTORS IN AIR POLLUTION CONTROL ...Air Pollution; Air Pollution -see Specifics; Government - see Federal Gov.; Legal Studies; Organizational Research; Urban Research -general; ...1.0483

THE EFFECTS OF AIR POLLUTION ON INTERPERSONAL BEHAVIOR ...Air Pollution -see Specifics; Environmental Effects - Human; Social Aspects; ...1.0491

AIR POLLUTION CONTROL IN THE NEW YORK METROPOLITAN AREA ...Air Pollution; Legal Studies; New York; Urban Research -general; ...1.0494

NUMERICAL STUDY OF URBAN SCALE ATMOSPHERIC TRANSPORT ...Air Pollution -see Specifics; Atmospheric Dynamics; Environmental Effects - Human; Mathematical Models; Urban Research -general; ...1.0714

STUDY THE LEVELS OF POLYCYCLIC HYDROCARBONS IN AN URBAN ATMOSPHERE ...Aerosols; Air Pollution -see Specifics; Air Pollution-chemistry; Organic Compounds; Weather Data; ...1.0730

COMPLETE A REPORT ON INDOOR-OUTDOOR AIR QUALITY FOR SOX - TSP AND OTHER AIR POLLUTANTS ...Air Pollution -see Specifics; Air Pollution Monitoring; Analytical Instruments; Particulates - Air Pollution; Sulfur Dioxide; Sulfur Dioxide Removal; Urban Research -general; ...1.0010

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Suspension; Urban Runoff; Water Reuse; Watersheds; ...2.0019

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology; Floods; Geologic Maps; Land Use; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Research -general; ...2.0066

NUTRIENT EXCHANGE IN RIVERS AND LAKES ...Agricultural Watersheds; Eutrophic Lakes; Nutrients; Water Pollution Sources; ...2.0085

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Management (water); Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Water Balance - Budget; ...2.0108

EFFECT OF URBANIZATION ON WATER QUALITY ...Acidity (water); Chlorine; Kansas; Rainfall - Runoff Relationship; Urban Runoff; Water Quality -general; ...2.0155

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Urban Research -general; ...2.0180

CHEMICAL TRANSFORMATION, GRAND TRAVERSE BAY, LAKE MICHIGAN ...Bays; Chemical Water Properties; Lake Michigan; Rural Areas; Water Pollutants - Path of; ...2.0193

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

HYDRODYNAMICS AND DISCHARGE MEASUREMENTS OF STORM SEWERS ...Fluid Mechanics; Mathematical Models; Soil Tillage; Storm Sewer Quantity; ...2.0249

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography, Forecasting - Prediction; Land Use; New Jersey; River Basins; Urban Research; Water Pollution Sources; Water Utilization -domestic; ...2.0251

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research -general; ...2.0329

SELECTED URBAN STORM WATER RUNOFF ABSTRACTS ...Catalogs, Tables, Compilations; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Runoff; ...2.0344

OPTIMAL RECREATIONAL DEVELOPMENT IN URBAN RIVERINE AREAS ...Costs -see Economics Entries; Industrial Wastes; Optimization, Economic; Reservoirs and Impoundments, Savings and Investment; Urban Research -general; ...2.0346

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages; Rainfall - Runoff Relationship; Storm Sewer Quantity; Water Quality -general; ...2.0385

URBAN GEOLOGY OF HILLSBORO, TEXAS ...Environmental Geology; Floods; Geologic Maps; Texas; Urban Research - general; Waste Disposal, Underground; Water Quality -general; ...2.0389

URBANIZATION AND ITS EFFECT ON STREAM TEMPERATURE ...Heat Balance - Budget; Mans Pollutional Activities; Radiation Instruments -atmos.; Thermal Pollution; Urban Research -general; ...2.0407

NUTRIENT ENRICHMENT OF RUN-OFF WATERS BY SOILS. ENRICHMENT POTENTIAL OF URBAN SOILS IN THE CITY OF MADISON ...Forecasting - Prediction; Nutrients; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Wisconsin; ...2.0454

EUTROPHIC EVALUATION OF A SMALL MULTI-LAND USE WATERSHED ...Environmental Geology; Lake Michigan; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Small Watersheds; Wisconsin; ...2.0455

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Sampling; Types of Resources; Urban Research -general; Water Pollution Sources; ...2.0479

A METHOD FOR ASSESSING THE EXTENT OF POLLUTION FROM STORMWATER RUNOFF FROM AN URBAN AREA ...Benefit-cost Analysis; Sewer Systems; Storm Sewer Quantity; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0490

A MULTI-PHASIC COMPONENT STUDY TO PREDICT STORM WATER POLLUTION FROM URBAN AREAS ...Benefit-cost Analysis; Forecasting - Prediction; Rainfall - Runoff Relationship; Storm Water; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0531

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo.; Chemical Analysis (water); Environmental Geology; Hydrographs; Land Use; Soil Tillage; Water Quality -general; Water Table; Water Wells; ...2.0570

WATER POLLUTION STUDY OF THE WABASH RIVER ...Data Acquisition; Indiana; Industrial Wastes; Model Studies; Wabash River; Water Pollution Sources; Water Quality -general; ...2.0583

APPLICATION OF ELECTRON SPIN RESONANCE IN WATER POLLUTION STUDIES ...Analysis and Detection; Chemical Analysis (water); Spectrographic Techniques; Urban Research - general; Water Pollutant Identification; ...2.0591

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Economic Theory; Hydrographs; Mathematical Analysis; Prediction; Rural Areas; Storm Sewer Quantity; Urban Research -general; ...2.0619

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Drainage Systems; Flood Control Planning; Floods; Michigan; Rain; Storm Sewer Quantity; Urban Runoff; ...2.0626

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

URBAN RUNOFF CHARACTERISTICS ...Mathematical Models; Ohio; Sewer Systems; Storm Sewer Quantity; Urban Runoff; ...2.0720

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation; Economic Impact; Lakes; Pollution Effects -see Water; Regional Economics; Waste Water Treatment -general; Water Quality - general; ...2.0721

MULTI-BASIN WATER QUALITY SIMULATION ...Canals; Flood Routing; Land Use; Texas; Water Costs; Water Standards & Baselines; ...2.0810

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research - general; ...2.0811

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties, Computer Models; Cybernetics; Development of Models; Land Use; River Basins; Urban Research -general; Watersheds; ...2.0822

AERATION OF LAGOONS IN RIGOROUS CLIMATE AREAS ...Aeration (water); Pilot Plants; Sewage Lagoons; Water Pollution Effects; ...2.0869

BEHAVIOR AND CONTROL OF CONTAMINANTS IN SURFACE WATERS ...Destratification; Public Utilities; Reservoirs and Impoundments; Thermal Pollution; Water Pollutant Identification; Water Resources Protection; ...2.0928

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

RIVER BASINS - SOUTH FORK DAM ...Agricultural Studies - general; Dams -general; Irrigation; Model Studies; Platte River, River Basins; ...2.0978

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Waste Disposal-see Solid Waste; Water Supply - general; Watersheds; ...2.1089

ESTABLISHING GUIDES FOR COORDINATING URBAN PLANNING AND THE DESIGN, ENGINEERING, AND CONSTRUCTION OF URBAN STORM RUN-OFF SYSTEMS ...Erosion; Floodplains; Rainfall - Runoff Relationship; Urban Planning, Water Pollution Abatement; Water Resources Planning; ...2.1130

PRELIMINARY INVESTIGATION TO EVALUATE DEEP-WELL DISPOSAL POSSIBILITIES IN MOBILE, BALDWIN, AND ESCAMBIA COUNTIES, ALABAMA ...Alabama; Environmental Geology; Permeability; Porosity; Specific Rock Unit; Waste Disposal, Underground; Water Wells; ...2.1147

RENOVATION OF MUNICIPAL WASTEWATER BY REVERSE OSMOSIS SYSTEMS ...Depolymerization, Membranes; Model Studies; Process Design; Reverse Osmosis; ...2.1175

EVALUATION OF TREATMENT FOR URBAN WASTEWATER REUSE ...Coagulation; Colorado, Filtration; Pilot Plants; Urban Research -general; Water Reuse; ...2.1197

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations; Drainage; Sewage; Storm Water; Urban Planning; Urban Research -general; Water Quality Control -general; Water Supply -general; ...2.1224

WASTE TREATMENT AND ANALYSIS FOR THE CITY OF MACON, GEORGIA ...Activated Sludge; Disposal; Industrial Wastes; Pilot Plants; Pulp and Paper Wastes; ...2.1234

STUDY OF METHODS FOR REDUCING WATER POLLUTION FROM STORM SEWER AND COMBINATION DISCHARGES THROUGH DEFINED PUBLIC WORKS PRACTICES ...Air Pollution; Overflow -see Fluid Mechanics; Pesticides -see Pesticide; Snow and Ice Removal; Urban Research -general; Water Quality Control -general; ...2.1242

COMMUNITY ADOPTION OF WATER RECYCLING SYSTEMS ...Community - Social Studies; Social Aspects; Water Resources Planning; Water Supply -general; ...2.1301

COORDINATED MANAGEMENT AND DESIGN OF METROPOLITAN AREA WATER SUPPLY AND WASTE WATER DISPOSAL NETWORKS - A LINKED SYSTEMS ANALYSIS ...Management (water); Model Studies; Optimization, Economic; Sewer Systems; Systems Analysis - Water Mgmt; Urban Research -general; Water Distribution Systems; ...2.1349

AN ECONOMIC STUDY OF MUNICIPAL SURCHARGES ON INDUSTRIAL WASTES ...Budgeting Analysis; Disposal Wastes; Industry; Regression Analysis; Social Aspects; Waste Treatment; ...2.1359

REMOVAL OF NITROGEN COMPOUNDS FROM MUNICIPAL WASTEWATER ...Aeration; Biochemical Oxygen Demand; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Pilot Plants; Waste Water Treatment -general; ...2.1367

STUDY OF COSTS OF TREATING TEXTILE WASTES IN MUNICIPAL AND INDUSTRIAL SEWAGE PLANTS ...Georgia; Process Design; Textile Industry; Waste Water Treatment - general; ...2.1416

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

A STUDY OF NATIONAL POLICY ALTERNATIVES FOR URBAN WATER MANAGEMENT ...Benefit-cost Analysis; Literature Search; Management (water); Waste Disposal-see Solid Waste; Water Costs; Water Resources Planning; ...2.1438

COMBINED INDUSTRIAL AND MUNICIPAL WASTE TREATMENT ...Biological Treatment-general; Industrial Wastes; Pilot Plants; Process Design; Pulp and Paper Wastes; Waste Water Treatment -general; ...2.1455

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Population Dynamics -general; Sewage; ...2.1495

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation, Water Resources; Sediments; Water Loss Control; Water Resources Protection; ...2.1581

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing; Temperature; Washington; Water Quality -general; ...2.1769

WATER RESERVOIR SYSTEMS ...Atmosphere Disturbance; Flood-flow Design; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Runoff; Water Storage; ...2.1786

ENVIRONMENTAL DECISION-MAKING IN THE LAKE TAHOE BASIN ...Coastlines - Shorelines; Environmental Hazards; Eutrophication; Model Studies; Recreation, Water Resources; Water Resources Planning; ...2.1790

PALO ALTO, SAN MATEO, AND MONTARA MOUNTAIN 7.5-MIN. QUADRANGLES AND VICINITY, CALIFORNIA ...Borehole Geophysics; Data Acquisition; Environmental Geology; Rock Mechanics - Geology; Surficial Geology Studies, ...2.1797

NATIONAL AND ENVIRONMENTAL HAZARDS, DISORDERS, ENVIRONMENTAL QUALITY ...Drought - Meteorologic; Floods; Glaciology; Recreation, Water Resources; Seismology; Urban Research -general; Water Pollution Sources; ...2.1799

EFFICIENT PRICING FOR URBAN WASTE WATER RENOVATION - PHASE I ...Activated Sludge; Computer Models; Plating Wastes; Simulation Theory; Urban Research -general; ...2.1807

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal, Bays, Florida; Social Aspects; Urban Planning, Urban Research -general; Water Quality -general; Water Resources Planning; ...2.1809

URBAN INFRASTRUCTURE INVESTMENT IN DEVELOPING COUNTRIES ...Chile; Housing; Public Utilities; Residential Buildings; Water Supply Facilities; ...2.1811

ILLINOIS AND ITS INTERSTATE COMPACTS ...Administrative Organizations; Community Health Services; Illinois; Legal Review; Urban Research -general; Water Resources Protection; ...2.1819

DEVELOPMENT OF COST CRITERIA FOR WATER SUPPLY ...Illinois; Water - Alternative Uses; Water Resources Development; Water Transfer; ...2.1824

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Aquatic Ecology - Animal; Chemical Water Properties; Economic Impact; Kentucky; Plant Freshwater Ecology; Regional Economics; Social Aspects; Water Quality -general; ...2.1835

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning, Urban Research -general; Waste Disposal on Soils; ...2.1839

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

WATER AND THE CITIES ...Architecture and Design, Inventories, Recreation, Water Resources; Water Cycle; Water Pollution Abatement; ...2.1846

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING ...Benefit-cost Analysis; Demand and Use -recreation; Fishing; Recreation, Outdoor; Recreation, Water Resources; Survey - Recreation; User Expenditures; ...2.1877

ENVIRONMENTAL CONSIDERATIONS IN LAND AND WATER USE PLANNING IN RIVER BASINS ...Land Use; North Carolina; Plant Ecology -nonspecific; Recreation, Water Resources; River Basins; Types of Resources; Water Resources Planning; ...2.1887

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; Lakes; North Carolina; Soil Cover Crops; Surveying; Urban Research -general; Water Quality -general; Water Yield; Weather Data; ...2.1892

A SOCIO-ENVIRONMENTAL STUDY OF A RIVER VALLEY ...Costs -see Economics Entries; Mammals -nonspecific; Ohio; River Basins; Social Aspects; Towns; ...2.1894

COMMUNITY REACTIONS TO WATER RESOURCES PROBLEMS IN RELATION TO PLANNING ...Community - Social Studies; Floods; Social Aspects; Urban Planning; Water Pollution Sources; Water Resources Planning; Water Supply -general; ...2.1895

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Consumption; Development of Models; Floods; Land Use; Mathematical Models; Recreation, Water Resources; Statistical Models; Urban Research; ...2.1904

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Easements - Right of Ways; Land Use; Pennsylvania; Storm Water; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1906

USE OF ADVANCED WATER RESOURCES PLANNING TECHNIQUES IN THE DEVELOPMENT OF REGIONAL WATER MANAGEMENT PROGRAMS ...Industrial Wastes; Model Studies; River Basins; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Planning; ...2.1912

URBAN WATER POLICY AS AN INPUT IN URBAN GROWTH POLICY ...Government -see Federal Gov.; Land Use; Sewer Systems; Survey Studies (water); Urban Planning; Water Resources Planning; ...2.1916

ANALYSIS OF POLICY ISSUES POSED BY WATER AND RELATED LAND RESOURCES PROGRAMS IN THE METROPOLITAN REGION ...Benefit-cost Analysis, Economic Impact; Land Use; Riparian Rights; Water Quality -general; ...2.1934

STUDY OF COST FOR RE-USING MUNICIPAL WASTE FLOWS IN SELECTED TEXAS CITES ...Texas; Water Pollution Sources; Water Reuse; ...3.0055

OPTIMIZATION OF SEWER SYSTEMS ...Canada; Location; Optimization, Economic; Outlets; Sanitary Sewage Quantity; Sewer Systems; Storm Sewer Quantity; ...3.0080

SEWER SYSTEM DESIGN, CONSTRUCTION AND MAINTENANCE PRACTICES AND EVALUATION ...Benefit-cost Analysis; Canada; Sewer Maintenance; Sewer Systems; Systems Analysis - Water Mgmt; Urban Research -general; ...3.0081

NATIONAL CONFERENCE ON SOLID WASTES DISPOSAL SITES ...Disposal; Federal Government -see Gov.; Government - see Federal Gov.; Management (water); Sanitary Landfills; Waste Disposal-see Solid Waste; ...3.0120

DEVELOPMENT OF A DEVICE FOR DISCHARGE MEASUREMENT WITHIN A SEWER PIPE ...Fluid Mechanics; Model Studies; Physical Models; Pipe; Pipes; Urban Research -general; ...3.0135

CELLULOSE DEGRADATION IN COMPOSTING ...Plant Residues, Humus, Compost; Soil Environment -other; Soil Microbiology; Soil Organic Content; Waste Disposal on Soils; ...3.0229

FUNDAMENTAL STUDIES OF COMPREHENSIVE DISTRICT PLANNING IN URBAN AREAS ...Architecture and Design; Public Utilities; Urban Research -general; Water Supply Facilities; ...3.0323

PHYSICAL PROPERTIES OF THE SOILS OF VIRGINIA ...Atlantic Coastal Plain; Piedmont Province; Soil Moisture; Soil Profile; Soil Texture; Waste Disposal on Soils; ...3.0329

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds, Rural Areas; Water Pollution Sources; ...4.0065

CONTROL OF URBAN AND INDUSTRIAL PESTS ...Animal Distribution; Ddvp; Pesticide Evaluation; Pesticide Safety Measures; ...4.0971

USE AND MISUSE OF PESTICIDES ...Consumer Attitudes- Pesticides; Pesticide Industry; Pesticides -nonspecific; Rural Areas; ...4.1029

TRAFFIC NOISE STANDARDS ...Building Acoustics -see Noise; Noise; Urban Research -general; Vibration Instruments; ...6.0042

MANAGEMENT AND CONTROL OF URBAN NOISE ...Environmental Effects - Human; Noise; Urban Research -general; ...6.0060

ENVIRONMENTAL INFLUENCES ON BEHAVIOR ...Auditory Stress; Crowding; Noise; Personality; Social Pressures; Social Psychology; ...6.0061

INTRAMETROPOLITAN RESIDENTIAL MOBILITY ...Air Pollution; California; Environmental Hazards; Floods; Noise; Social Aspects; ...6.0068

Urban Planning

EVALUATION OF FACTORS RELATING TO THE PROPOSED DESIGNATION OF AIR QUALITY CONTROL REGIONS ...Administration and Management; Air Pollution Analysis; Atmospheric Dynamics; Government -see Federal Gov.; Model Studies; Urban Research -general; ...1.0484

ENVIRONMENT AND HUMAN RESPONSE ...Air Pollution -see Specifics; Economics of Natural Resources; Recreation, Water Resources; Regional Economics; Rural Sociology; ...1.0495

ESTABLISHING GUIDES FOR COORDINATING URBAN PLANNING AND THE DESIGN, ENGINFERING, AND CONSTRUCTION OF URBAN STORM RUN-OFF SYSTEMS ...Erosion; Floodplains; Rainfall - Runoff Relationship; Urban Environment; Water Pollution Abatement; Water Resources Planning; ...2.1130

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations; Drainage; Sewage; Storm Water; Urban Research -general; Water Quality Control -general; Water Supply -general; ...2.1224

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal; Bays; Florida; Social Aspects; Urban Environment; Urban Research -general; Water Quality -general; Water Resources Planning; ...2.1809

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Research -general; Waste Disposal on Soils; ...2.1839

COMMUNITY REACTIONS TO WATER RESOURCES PROBLEMS IN RELATION TO PLANNING ...Community - Social Studies; Floods; Social Aspects; Urban Environment; Water Pollution Sources; Water Resources Planning; Water Supply - general; ...2.1895

URBAN WATER POLICY AS AN INPUT IN URBAN GROWTH POLICY ...Government -see Federal Gov.; Land Use; Sewer Systems; Survey Studies (water); Water Resources Planning; ...2.1916

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ...Building Design; Coastlines - Shorelines; Economic Planning; Mathematical Models; Planning; Regional Economics; Water Quality -general; ...3.0084

FUNDAMENTAL STUDIES OF COMPREHENSIVE DISTRICT PLANNING IN URBAN AREAS ...Architecture and Design; Public Utilities; Urban Environment; Urban Research -general; Water Supply Facilities; ...3.0323

Urban Renewal

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations; Drainage; Sewage; Storm Water; Urban Planning; Urban Research -general; Water Quality Control -general; Water Supply -general; ...2.1224

WATER AND THE CITIES ...Architecture and Design; Inventories; Recreation, Water Resources; Urban Environment; Water Cycle; Water Pollution Abatement; ...2.1846

Urban Research

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland;

Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Runoff; Water Pollution Effects; ...1.0354

FOR SEMINARS AND STUDIES ON ENVIRONMENTAL ARTS AND SCIENCES, POPULATION GROWTH, URBANIZATION, POLLUTION, AND RELATED SUBJECTS ...Air Pollution -see Specifics; Environment; Environmental Geology; Technology - Social Impact; Water Quality -general; ...1.0478

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography; Forecasting - Prediction; Land Use; New Jersey; River Basins; Urban Environment; Water Pollution Sources; Water Utilization -domestic; ...2.0254

INTEGRATED URBAN UTILITY SYSTEMS ...Energy Conversion; Public Utilities; Technology - Social Impact; Water Supply -general; ...2.0428

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Computer Models; Cybernetics; Development of Models; Land Use; River Basins; Urban Environment; Urban Research -general; Watersheds; ...2.0822

ESTABLISHING GUIDES FOR COORDINATING URBAN PLANNING AND THE DESIGN, ENGINEERING, AND CONSTRUCTION OF URBAN STORM RUN-OFF SYSTEMS ...Erosion; Floodplains; Rainfall - Runoff Relationship; Urban Environment; Urban Planning; Water Pollution Abatement; Water Resources Planning; ...2.1130

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal; Bays; Florida; Social Aspects; Urban Environment; Urban Planning; Urban Research -general; Water Quality -general; Water Resources Planning; ...2.1809

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Consumption; Development of Models; Floods; Land Use; Mathematical Models; Recreation, Water Resources; Statistical Models; ...2.1904

URBAN SCIENCE AND ENGINEERING ...Building Fire Considerations; Cost-benefit Analysis; Disposal; Simulation Theory; Urban Research -general; ...3.0245

Urban Research -general

NUMERICAL MODEL OF THE URBAN ATMOSPHERE ...Advection; California; Humidity - Water Vapor; Mesometeorology; Rural Areas; Urban Environment; ...1.0007

HYBRID 14-COMPUTER OPTIMIZATION OF DISTRIBUTED PARAMETER SYSTEMS ...Communication Systems-other; Mathematical Analysis; Prediction; Rapid Transit; Stochastic Processes; ...1.0008

DIFFUSION AND DISPOSAL OF AIR POLLUTION ...Air Pollution; Atmospheric Dynamics; California; Mathematical Models; ...1.0010

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0018

METEOROLOGY FOR URBAN AID POLLUTION ...Air Pollution-chemistry; Applied Climatology; Atmospheric Dynamics; California; Gases; Oxidants; ...1.0023

THERMAL MODIFICATION ...Aerosols; Cirrus; Great Lakes -see Specific Lake; Heat Balance - Budget; Humidity - Water Vapor; New York; Solar Radiation -sunshine; Temperature; Weather Modification; ...1.0024

METEOROLOGY FOR URBAN AIR POLLUTION RESEARCH ...Air Pollution Effects; Atmospheric Dynamics; Diffusion; Particulates - Air Pollution; Weather Radar; ...1.0026

METEOROLOGY FOR NUCLEAR REACTORS ...Atmospheric Dynamics; Automatic Weather Stations; Fluid Mechanics; Ohio; Radioactivity; ...1.0027

CHICAGO AIR POLLUTION SYSTEMS MODEL ...Air Cleaning Devices; Diffusion; Gases; Mathematical Models; Trace Analysis; Urban Environment; Weather Data; ...1.0046

URBAN CLIMATOLOGY ...Climatography; Microclimates; Minnesota; Precipitation Amount; Rain; Temperature; Weather Data; ...1.0067

URBAN AIR POLLUTION AND CLIMATIC CHANGE ...Aerosols; Climatology; Particulates - Air Pollution; Urban Environment; Weather Modification; ...1.0072

STUDY BY CONTRACT THE INDOOR-OUTDOOR POLLUTION RELATIONSHIPS AT AN AIR-RIGHTS STRUCTURE AND A CANYON TYPE STRUCTURE ...Air Pollution-chemistry; Cars; Combustion; Engines; Lead; Particulates - Air Pollution; ...1.0090

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Air Pollution Sampling; Atmospheric Dynamics; Energy Conversion; Gases; Mathematical Analysis; Particulates - Air Pollution; Smoke; Turbulence; ...1.0091

EVALUATION OF CONTRIBUTIONS OF VEHICULAR EXHAUST AND OTHER SOURCES TO ATMOSPHERIC LOADINGS OF POLLUTANTS IN THE N.Y.C. - N.J. AREA ...Air Pollution Sampling; Atmospheric Dynamics; Combustion; New Jersey; Nitrogen and Nitrogen Cpds.; ...1.0099

URBAN RADIATION ...Air Pollution-chemistry; Humidity - Water Vapor; Nitrogen and Nitrogen Cpds.; Radiation -terrestrial; Solar Radiation -sunshine; ...1.0103

AIR POLLUTION POTENTIAL FROM AN URBAN FREEWAY ...Air Pollution; Air Pollution Monitoring; Freeways; Model Studies; ...1.0128

ANALYSIS OF CHEMICAL COMPOUNDS IN AN URBAN AEROSOL ...Aerosols; Air Pollution; Air Pollution-chemistry; Chromatography; Coulometry; Particulates - Air Pollution; Thin Layer Chromatography; ...1.0135

MODELLING POLLUTANT CONCENTRATIONS ...Air Pollution; Atmospheric Dynamics; Mathematical Models; Model Studies; Weather Forecasting; Wind; ...1.0136

TRACE METALS AND HALOGENS IN THE ANTARCTIC ATMOSPHERE ...Activation Analysis; Atmospheric Dynamics; Bromine; Chlorine; Iodine; New Zealand; Trace Elements; ...1.0137

AREA SOURCE DIFFUSION MODELLING ...Air Pollution; Diffusion; Model Studies; ...1.0142

PLANETARY BOUNDARY LAYER STUDIES ...Balloons; Computer Models; Heat Exchange; Temperature; ...1.0143

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN BIRMINGHAM, ALABAMA. ...Air Pollution -see Specifics; Air Pollution Monitoring. Air Pollution Sampling; Alabama; Urban Environment; ...1.0168

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN CHARLOTTE, NORTH CAROLINA ...Air Pollution -see Specifics; Air Pollution Monitoring; North Carolina; Weather Data; ...1.0250

PLAN, DEVELOP AND IMPLEMENT STUDIES DESIGNED TO IDENTIFY AND QUANTIFY THE EFFECTS OF AMBIENT LEVELS OF AIR POLLUTION ON HEALTH ...Air Pollution -see Specifics; Sulfur Dioxide; ...1.0261

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN GREENSBORO, NORTH CAROLINA ...Air Pollution -see Specifics; Air Pollution Monitoring; Data Acquisition; North Carolina; ...1.0280

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Acoustic Instrumentation; Alaska; Boundary Layer Studies; Ice Fog; Sound Attenuation Acoustics; ...1.0307

EFFECT OF ATMOSPHERIC POLLUTION ON PRECIPITATION ...Air Pollution; Atmospheric Dynamics; Hail & Sleet Modification; Precipitation Amount; Rain Modification; Thunderstorms; ...1.0346

CLIMATOLOGICAL ASSESSMENT OF URBAN EFFECTS ON PRECIPITATION ...Atmospheric Dynamics; Climatology; Clouds - Precipitation; Precipitation Patterns; ...1.0347

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

RESPONSE OF SELECTED FIELD PLANTS TO AMBIENT POLLUTANTS IN WASHINGTON, D.C. ...Air Pollution -see Specifics; Air Pollution Effects; Bioindicators; District of Columbia; Growth; Losses Due to Pollution; Ornamentals; ...1.0397

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Aerosols; Air Pollution Effects; Atmospheric Dynamics; Energy-radiation; Heat Balance - Budget; Parametric Statistics; Tectonics; Visibility; ...1.0409

EFFECTS OF AIR POLLUTANTS ON AIRBORNE MICROBES ...Air Pollution Effects; Bacteria -nonspecific; Bioindicators; Cell Injury and Autolysis; Energy Conversion; Inorganic Gases; Mathematical Models; Moisture; Nitrogen and Nitrogen Cpds.; ...1.0433

INADVERTENT WEATHER MODIFICATION BY URBAN POLLUTION ...Aerosols; Air Pollution Effects; Cloud Structure; Mathematical Models; Precipitation Modification; ...1.0438

SYSTEMS EVALUATION OF REFUSE AS A LOW SULFUR FUEL ...Air Cleaning Devices; Disposal; Incineration; Power Plants; ...1.0439

ECONOMIC EVALUATION OF ALTERNATIVE POLICIES FOR AIR RESOURCE MANAGEMENT ...Air Pollution -see Specifics; Costs -see Economics Entries; Government -see Federal Gov.; Mathematical Models; ...1.0443

AN EVALUATION OF FREE TRANSIT SERVICE ...Consumption; Economic Studies -general; Land Use; Massachusetts; Social Aspects; Traffic Engineering; Transportation; Transportation Management; ...1.0446

REGIONAL CONTROL COST STUDY IN BUFFALO ...Cost-benefit Analysis; Costs -see Economics Entries; Gases; Particulates - Air Pollution; ...1.0452

REGIONAL CONTROL COST STUDY IN PHILADELPHIA ...Costs -see Economics Entries; Gases; Particulates - Air Pollution; Pennsylvania; ...1.0453

STATE OF THE ART SURVEY (EFFECTS AND ECONOMICS) FOR METALS AND ALLOYS ...Air Pollution Effects; Corrosion, Deterioration; ...1.0458

AIR POLLUTION AND PROPERTY VALUES ...Air Pollution -see Specifics; Air Pollution Effects; Land Use; Regression Analysis; ...1.0460

COMEX AIR POLLUTION COMPUTER RESEARCH PROJECT ...Administration and Management; Air Pollution; Air Pollution - see Specifics; Computer Methods -general; Decision Making; Education -see Training, Social Aspects; ...1.0476

THE DEVELOPMENT OF URBAN ATMOSPHERE MODELS FOR AIR RESOURCE MANAGEMENT ...Air Pollution; Air Pollution -see Specifics; Model Studies; ...1.0477

THE ORGANIZATIONAL FACTORS IN AIR POLLUTION CONTROL ...Air Pollution; Air Pollution -see Specifics; Government - see Federal Gov.; Legal Studies; Organizational Research; Urban Environment; ...1.0483

EVALUATION OF FACTORS RELATING TO THE PROPOSED DESIGNATION OF AIR QUALITY CONTROL REGIONS ...Administration and Management; Air Pollution Analysis; Atmospheric Dynamics; Government -see Federal Gov.; Model Studies; Urban Planning; ...1.0484

AIR POLLUTION MODELING - INTEGRATION OF TECHNICAL AND SOCIO-ECONOMIC CONSIDERATION ...Air Pollution; Computer Models; ...1.0488

STUDIES FOR A SURVEY OF ENVIRONMENTAL POLLUTION, CONDUCTED BY THE NEW YORK CITY SCIENCE AND TECHNOLOGY ADVISORY COUNCIL ...Air Pollution; Air Pollution -see Specifics; Consultants, Advisory Services; Water Pollution -see Specifics; Water Quality -general; ...1.0492

AIR POLLUTION CONTROL IN THE NEW YORK METROPOLITAN AREA ...Air Pollution; Legal Studies, New York; Urban Environment; ...1.0494

NATO/CCMS ...Atmospheric Dynamics; Diffusion; Turkey; ...1.0499

SOCIAL IMPACT OF AIR POLLUTION ON THE PHILADELPHIA AIR QUALITY CONTROL REGION ...Air Pollution -see Specifics; Air Pollution Effects; Pennsylvania; ...1.0512

HEDONIC EVALUATION OF ODORS ...Air Pollution -see Specifics; Air Pollution Analysis; Attitudes & Attitude Change; Noise -see Noise; Sensory & Perceptual Processes; ...1.0513

EFFECT OF CHANGES IN AIR QUALITY ON COMMUNITY ATTITUDES, INFORMATION SEEKING, AND KNOWLEDGE ...Attitudes & Attitude Change; Psychology; ...1.0530

DOCUMENT RESPONSES OF URBAN CITIZENS TO DIESEL EXHAUST ...Air Pollution -see Specifics; Noise -see Noise; Sensory & Perceptual Processes; ...1.0533

A MODEL FOR AIR POLLUTION CONTROL ...Air Pollution; Air Pollution-chemistry; Economic Theory; Gases; Mathematical Models; Model Studies; Particulates - Air Pollution; Weather Data; ...1.0551

SMOG ELIMINATION RESULTING FROM BUILDING DESIGN AND CITY PLANNING ...Building Design; Fluid Mechanics; Photography; Planning; Smoke -see Air Pollution; Surveying; ...1.0558

RESEARCH ON THE REMOVAL OF NOXIOUS COMPOUNDS FROM WASTE GASES; STUDY OF POLLUTION FROM MOTOR VEHICLE EXHAUST ...Air Cleaning Devices, Engine; Engines; Furnace and Incinerator Design; ...1.0654

CARBON MONOXIDE DIFFUSION MODEL ...Air Pollution Monitoring; Atmospheric Dynamics; California; Cars; Diffusion; Model Studies; ...1.0675

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution; Air Pollution Monitoring; Attenuation; Connecticut; Solar Radiation -sunshine; ...1.0689

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution -see Specifics; Atmosphere; Connecticut; Particulates - Air Pollution; Scattering; ...1.0690

A NUMERICAL MODEL OF THE SEA-BREEZE CIRCULATION ...Atmospheric Dynamics; Circulation - Patterns; Forecasting - Prediction; Mathematical Models; Temperature; Wind; ...1.0696

NUMERICAL STUDY OF URBAN SCALE ATMOSPHERIC TRANSPORT ...Air Pollution -see Specifics; Atmospheric Dynamics; Environmental Effects - Human; Mathematical Models; Urban Environment; ...1.0714

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Analysis; Air Pollution Monitoring; Combustion; Combustion Air Pollution-gen; Energy Conversion; Heat Balance - Budget; Power Plants; ...1.0735

FORECAST DEVELOPMENT ...Air Pollution; Boundary Layer Studies; Humidity - Water Vapor; Temperature; Turbulence; Weather Forecasting; Wind; ...1.0762

MEASUREMENT OF VISIBILITY REDUCTION BY PARTICULATES BASED ON OPTICAL PROPERTIES OF URBAN PARTICULATES (ABBREV) ...Air Pollution Analysis; Air Pollution-chemistry; Light Scattering Analysis; Particle Separators; Particulates - Air Pollution; ...1.0765

OPERATE A NATIONAL GLASS-FIBER PARTICULATE NETWORK ...Air Pollution -see Specifics; Air Pollution Sampling; Particulates - Air Pollution; ...1.0773

OPERATE A SPECIAL NETWORK FOR DETERMINING THE SIZE DISTRIBUTION OF PARTICULATES BY USE OF CASCADE IMPACTOR ...Air Pollution Analysis; Particulates - Air Pollution; Separation; ...1.0781

COMPLETE A REPORT ON INDOOR-OUTDOOR AIR QUALITY FOR SOX - TSP AND OTHER AIR POLLUTANTS ...Air Pollution -see Specifics; Air Pollution Monitoring; Analytical Instruments; Particulates - Air Pollution; Sulfur Dioxide; Sulfur Dioxide Removal; Urban Environment; ...1.0810

AIR POLLUTION SENSING ...Air Pollution Monitoring; Air Pollution-chemistry; Aircraft Remote Sensing; Detectors and Sensors; Gases; Infrared Radiation; Spacecraft Sensory Devices; ...1.0851

PHOTOCHEMISTRY OF SUBSTANCES PRESENT IN URBAN AIR ...Air Pollution-chemistry; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Rate of Reaction; Spectrographic Techniques; ...1.0862

PHOTOLYTIC OXIDATION IN THE PRESENCE OF NO2 ...Air Pollution-chemistry; Light-catalyzed; Mechanism Determination; Nitrogen and Nitrogen Cpds.; Oxidation; Photolysis; Rate of Reaction; ...1.0864

MECHANISMS OF PHOTOCHEMICAL REACTIONS IN URBAN AIR ...Aerosols; Air Pollution-chemistry; Lead; Nitrogen and Nitrogen Cpds.; Oxidation; Particulates - Air Pollution; Photochemical Reactions; ...1.0869

MEASURE AND COMPARE REACTIVITIES AND COMPOSITION OF AIR PARCELS FROM BAYONNE, LINDEN, WILLOWBROOK, AND BRONX (ABBREV) ...Air Pollution Sampling, Constants; New Jersey; Nitrogen and Nitrogen Cpds.; Rate of Reaction; ...1.0903

ATMOSPHERIC DIFFUSION OF RADON ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Soil Conditions; Tracers; Wind; ...1.0910

CONVERSION OF NO TO NO2 IN POLLUTED ATMOSPHERES ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Oxidation; Photochemical Reactions; Photolysis; Quantum Yield; Rate of Reaction; ...1.0912

DENVER METROPOLITAN AREA, COLORADO ...Aggregates - Crushed Rock; Engineering Geology; Floods; Geologic Maps; Land Use; Mass Wasting, Geological; Sands & Gravels; Structure Sites; Urban Environment; ...2.0066

SURFICIAL GEOLOGY OF JUNEAU AND VICINITY URBAN AREA, ALASKA ...Foundations; ...2.0068

SALINE WATER POLLUTION OF POTABLE WATER SUPPLIES THROUGH DEEP ARTESIAN WELLS ...Aquifers; Environmental Changes; Groundwater; Mans Pollutional Activities; Saline Water Intrusion; Water Wells; ...2.0107

EFFECT OF URBANIZATION ON WATER QUALITY ...Acidity (water); Chlorine; Kansas; Rainfall - Runoff Relationship; Urban Environment; Urban Runoff; Water Quality -general; ...2.0155

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisi-

tion; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; ...2.0180

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography; Forecasting - Prediction; Land Use; New Jersey; River Basins; Urban Environment; Urban Research; Water Pollution Sources; Water Utilization -domestic; ...2.0251

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Water Pollution Sources; Watersheds; ...2.0288

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; ...2.0329

SELECTED URBAN STORM WATER RUNOFF ABSTRACTS ...Catalogs, Tables, Compilations; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0344

OPTIMAL RECREATIONAL DEVELOPMENT IN URBAN RIVERINE AREAS ...Costs -see Economics Entries; Industrial Wastes; Optimization, Economic; Reservoirs and Impoundments, Savings and Investment; Urban Environment; ...2.0346

URBAN GEOLOGY OF HILLSBORO, TEXAS ...Environmental Geology; Floods; Geologic Maps; Texas; Urban Environment; Waste Disposal, Underground; Water Quality -general; ...2.0389

URBANIZATION AND ITS EFFECT ON STREAM TEMPERATURE ...Heat Balance - Budget; Mans Pollutional Activities; Radiation Instruments -atmos.; Thermal Pollution; ...2.0407

LEAD IN AQUATIC ENVIRONMENTS ...Air Pollution; Estuaries, Industrial Wastes; Lead; Ocean Mixing; Puget Sound; Seasonal Studies; Water Cycle; Water Standards & Baselines; ...2.0425

INTEGRATED URBAN UTILITY SYSTEMS ...Energy Conversion; Public Utilities; Technology - Social Impact; Urban Research; Water Supply -general; ...2.0428

EUTROPHIC EVALUATION OF A SMALL MULTI-LAND USE WATERSHED ...Environmental Geology; Lake Michigan; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Small Watersheds; Urban Environment; Wisconsin; ...2.0455

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources, Sampling; Types of Resources; Water Pollution Sources; ...2.0479

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Water Standards & Baselines; ...2.0547

APPLICATION OF ELECTRON SPIN RESONANCE IN WATER POLLUTION STUDIES ...Analysis and Detection; Chemical Analysis (water); Spectrographic Techniques; Urban Environment; Water Pollutant Identification; ...2.0591

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds, Subsurface Runoff; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

MULTISPECTRAL CAMERA CLUSTER ...Aircraft Remote Sensing; Economics of Natural Resources; Land Use; Soil Tillage, Surveying; Transportation; Transportation Management; ...2.0593

OPTIMUM LINEAR SYNTHESIS IN URBAN HYDROLOGY, PHASE II ...Drainage; Economic Theory; Hydrographs; Mathematical Analysis; Prediction; Rural Areas; Storm Sewer Quantity; ...2.0619

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage: Drainage Systems; Flood Control Planning; Floods; Michigan; Rain; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0626

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation; Economic Impact; Lakes; Pollution Effects -see Water; Regional Economics; Urban Environment; Waste Water Treatment - general; Water Quality -general; ...2.0721

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Analysis and Detection; Fuels; Lakes; Lead; Mineralization, Recreation, Water Resources; Types of Resources; Water Pollutant Identification; ...2.0807

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; ...2.0811

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Computer Models; Cybernetics; Development of Models; Land Use; River Basins; Urban Environment; Watersheds; ...2.0822

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

DISPERSION OF WATER POLLUTANTS IN CURVILINEAR FLOWS ...Channels; Dispersion (water); Physical Models; Streams; Water Pollutants - Path of; ...2.1021

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity; Cellular Catabolism-see Degrad; Estuaries; Microorganisms -nonspecific; Plankton; Plant Productivity -general; Ponds; Primary Productivity - Plants; Water Pollution Sources; ...2.1069

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

SHALLOW GROUND-WATER FLOW SYSTEMS IN RELATION TO INDUSTRIAL AND MUNICIPAL WATER SUPPLY AND WASTE DISPOSAL REQUIREMENTS ...Canning Wastes -see Food Proc.; Farm Animal Wastes; Groundwater Movement; Pond; Pulp and Paper Wastes; Soil Tillage; ...2.1138

EVALUATION OF TREATMENT FOR URBAN WASTEWATER RFUSE ...Coagulation; Colorado; Filtration; Pilot Plants; Urban Environment; Water Reuse; ...2.1197

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations, Drainage; Sewage; Storm Water; Urban Planning; Water Quality Control -general; Water Supply -general; ...2.1224

STUDY OF METHODS FOR REDUCING WATER POLLUTION FROM STORM SEWER AND COMBINATION DISCHARGES THROUGH DEFINED PUBLIC WORKS PRACTICES ...Air Pollution; Overflow -see Fluid Mechanics; Pesticides -see Pesticide; Snow and Ice Removal; Urban Environment; Water Quality Control -general; ...2.1242

EFFICIENCY AND ECONOMY OF POLYMERIC SEWAGE CLARIFICATION ...Combustible Filters; Flocculation; Recycle Water; Waste Treatment Economics; ...2.1315

USE OF DOMESTIC WASTE GLASS FOR URBAN PAVING ...Ceramics; Pavement; Recoverable Materials; Streets; ...2.1325

COORDINATED MANAGEMENT AND DESIGN OF METROPOLITAN AREA WATER SUPPLY AND WASTE WATER DISPOSAL NETWORKS - A LINKED SYSTEMS ANALYSIS ...Management (water); Model Studies; Optimization, Economic; Sewer Systems; Systems Analysis - Water Mgmt; Water Distribution Systems; ...2.1349

AN ECONOMIC STUDY OF MUNICIPAL SURCHARGES ON INDUSTRIAL WASTES ...Budgeting Analysis; Disposal Wastes; Industry; Regression Analysis; Social Aspects; Urban Environment; Waste Treatment; ...2.1359

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients;

Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

WATER RESERVOIR SYSTEMS ...Atmosphere Disturbance; Flood-flow Design; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Storage; ...2.1786

A SYSTEM APPROACH FOR INTEGRATING GROUNDWATER AND SURFACE-WATER USE ...California; Groundwater; Systems Analysis - Water Mgmt; Waste Water Treatment - general; Water Quality -general; Water Utilization -general; ...2.1787

NATIONAL AND ENVIRONMENTAL HAZARDS, DISORDERS, ENVIRONMENTAL QUALITY ...Drought - Meteorologic; Floods; Glaciology; Recreation, Water Resources; Seismology; Urban Environment; Water Pollution Sources; ...2.1799

GEOLOGY OF URBAN DEVELOPMENT ...Building Design; Environmental Geology; Land Use; New Mexico; ...2.1803

EFFICIENT PRICING FOR URBAN WASTE WATER RENOVATION - PHASE I ...Activated Sludge; Computer Models; Plating Wastes; Simulation Theory; ...2.1807

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal; Bays; Florida; Social Aspects; Urban Environment; Urban Planning; Water Quality -general; Water Resources Planning; ...2.1809

URBAN INFRASTRUCTURE INVESTMENT IN DEVELOPING COUNTRIES ...Chile; Housing; Public Utilities; Residential Buildings; Urban Environment; Water Supply Facilities; ...2.1811

ILLINOIS AND ITS INTERSTATE COMPACTS ...Administrative Organizations; Community Health Services; Illinois; Legal Review; Urban Environment; Water Resources Protection; ...2.1819

NETWORK EVALUATION OF WASTEWATER COLLECTION ECONOMICS ...Benefit-cost Analysis; Cost-benefit Analysis; Demography; Public Utilities; Pumps; Social Aspects; ...2.1820

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1823

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Waste Disposal on Soils; ...2.1839

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING ...Benefit-cost Analysis; Demand and Use -recreation; Fishing; Recreation, Outdoor; Recreation, Water Resources; Survey - Recreation; Urban Environment; User Expenditures; ...2.1877

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; Lakes; North Carolina; Soil Cover Crops; Surveying; Water Quality -general; Water Yield; Weather Data; ...2.1892

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Easements - Right of Ways; Land Use; Pennsylvania; Storm Water; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1906

THE ENVIRONMENT AND TECHNOLOGICAL ASSESSMENT ...Atomic Plants; Environmental Effects - Human; Filtration; Lake Tahoe; Management (water); Rate of Mutation; ...2.1917

CLAY-WATER SYSTEMS IN RELATION TO ENGINEERING PROPERTIES OF CLAY MATERIALS ...Clay Soils; Infiltration; Mass Wasting, Geological; Septic Tanks; Size; Suburban Areas; ...3.0050

STUDY OF WET GRINDING UNITS FOR HOSPITAL SOLID WASTE ...Disposal; Waste Type; ...3.0072

SEWER SYSTEM DESIGN, CONSTRUCTION AND MAINTENANCE PRACTICES AND EVALUATION ...Benefit-cost Analysis; Canada; Sewer Maintenance; Sewer Systems; Systems Analysis - Water Mgmt; Urban Environment; ...3.0081

DESIGN OF OPTIMAL REFUSE STORAGE DEPOSITORY SYSTEM FOR SERVICING MULTIPLE DWELLING UNIT BUILDINGS IN ECONOMICALLY DISADVANTAGED AREAS ...Collection; Public Utilities; Waste Type; ...3.0095

NATIONAL CONFERENCE ON SOLID WASTES DISPOSAL SITES ...Disposal; Federal Government -see Gov.; Government - see Federal Gov.; Management (water); Sanitary Landfills; Urban Environment; Waste Disposal-see Solid Waste; ...3.0120

WATER AND SEWERAGE FACILITIES REPORT ...Expenditures; Illinois; Missouri; Public Utilities; Regional Economics; Water Supply Facilities; ...3.0123

DEVELOPMENT OF A DEVICE FOR DISCHARGE MEASUREMENT WITHIN A SEWER PIPE ...Fluid Mechanics; Model Studies; Physical Models; Pipe; Pipes; Urban Environment; ...3.0135

ENVIRONMENTAL SYSTEMS PROGRAM ...Administration and Management; Environmental Hazards; Fiscal Analysis -general; Mathematical Analysis; Political Processes & Systems; Waste Disposal-see Solid Waste; ...3.0173

URBAN WASTE DISPOSAL IN THE SLUM DISTRICTS OF SOUTH BOSTON AND ROXBURY ...Collection; Disposal; Public Utilities; ...3.0176

THERMOPHILIC METABOLISM IN SOLID SUBSTRATES ...Aerobic Waste Water Treatment; Degradation; Landfills -see Water Pollution; Solid Waste; Waste Disposal on Soils; ...3.0180

FEASIBILITY OF REGIONAL UTILITIES FOR MANAGEMENT OF INDUSTRIAL AND MUNICIPAL WASTES ...Finance -see Economics Entries; Industrial Wastes; Public Utilities; Waste Treatment; Water Standards & Baselines; ...3.0190

ENGINEERING GEOLOGY IN COUNTY PLANNING ...Engineering Geology; Environmental Geology; Geologic Maps; Maps; Rocks - Bedrock; Waste Disposal-see Solid Waste; ...3.0205

URBAN SCIENCE AND ENGINEERING ...Building Fire Considerations; Cost-benefit Analysis; Disposal; Simulation Theory; Urban Research; ...3.0246

JOINT LAND-USE FOR CONSERVATION OF NATURAL RESOURCES AND DISPOSAL OF SOLID WASTES ...Disposal; Gravel; Landfills -see Water Pollution; Sand; Transportation; ...3.0249

PIPE TRANSPORT OF SOLID WASTE ...Biological Treatment-general; Costs -see Economics Entries; Pipelines; Pipes; Sewage - Domestic; Transportation; ...3.0291

ANALYSIS OF SOLID WASTE DISPOSAL METHODS ...Collection; Incineration; Pipelines; Transportation; Waste Type; ...3.0318

FUNDAMENTAL STUDIES OF COMPREHENSIVE DISTRICT PLANNING IN URBAN AREAS ...Architecture and Design; Public Utilities; Urban Environment; Water Supply Facilities; ...3.0323

UTILIZATION OF WASTE PLASTICS FROM URBAN REFUSE ...Chlorine; Disposable Materials; Plastics; Recoverable Materials; ...3.0386

TUBE TRANSPORT - AN IMPROVED CONCEPT OF URBAN REFUSE COLLECTION, TRANSPORTATION AND RECYCLING ...Pumps; Solid Waste Management; Transportation; Transportation Management; ...3.0387

METEOROLOGY FOR NUCLEAR TESTING ...Aleutian Islands; Computer Models; Forecasting - Prediction; Mississippi; Nevada; Radioactive Fallout; Solar Radiation -sunshine; Weather Forecasting; ...5.0003

DUAL PURPOSE BLAST SHELTERS IN URBAN TRANSPORTATION SYSTEMS ...Freeways; Highway Sites -see Roads; Redevelopment of Land; Shelters; ...5.0929

METROPOLITAN AIRCRAFT NOISE ABATEMENT STUDY (LOGAN INTERNATIONAL AIRPORT) ...Economic Impact; Land Use; Massachusetts; Noise; Noise Abatement; ...6.0007

IMPACTS AND ALLEVIATION OF TRANSPORTATION NOISE ...Costs -see Economics Entries; Noise; Noise Abatement; Social Aspects; ...6.0022

POLLUTION OF MICHIGAN URBAN ATMOSPHERES BY HIGHWAY GENERATED NOISE ...Characteristics; Highway Classification; Michigan; Noise; ...6.0036

SUPPORT OF SOCIETY OF AUTOMOTIVE ENGINEERS, INCORPORATED, NOISE RESEARCH STUDY ...Noise; Noise Abatement; Signal Analysis; ...6.0040

TRAFFIC NOISE STANDARDS ...Building Acoustics -see Noise; Noise; Urban Environment; Vibration Instruments; ...6.0042

MANAGEMENT AND CONTROL OF URBAN NOISE ...Environmental Effects - Human; Noise; Urban Environment; ...6.0060

NOISE ...Building Design; Freeways; Noise; Planning; Traffic Engineering; ...6.0064

Urine

NEUTRON ACTIVATION OF BIOLOGIC SPECIMENS ...Air Pollution -see Specifics; Respiratory Irritants, Inhaled; Toxicology; ...1.0201

FACTORS AFFECTING EXCRETION OF INDUSTRIAL POISONS ...Air Pollution-chemistry; Biochemical Analysis - Tissues; Occupational Hazards; Toxic Substances; Toxicology; ...1.0215

OCCUPATIONAL HEALTH HAZARDS OF RUBBER DUST ...Air Pollution -see Specifics; Cercopithecoidea; Elastomers; Medical, Dental Materials; Occupational Hazards; Toxicology; ...1.0287

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Contamination - Soil; Farm Animal Wastes; Groundwater; Snowmelt Runoff; Soil Microbiology; Water Pollutants - Path of; ...2.0242

PHYSIOLOGICAL RESPONSES TO THERMAL POLLUTION ...Contamination - Water; Cyprinus Carpio; Energy Conversion; Environmental Physiology; Physiological Effects; Temperature (water); Thermal Pollution; ...2.1782

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

INTEGRATED WASTE MANAGEMENT - WATER SYSTEM USING RADIOISOTOPES FOR THERMAL ENERGY ...Biological Waste Recycling; Feces; Isotope Effects; Radioisotopes; Waste Treatment - Radiation; Water Supply Facilities; ...3.0290

DAIRY CATTLE MANAGEMENT IN URBAN PROXIMITY ...Bacteria -nonspecific; Farm Animal Wastes; Product Development Research; Suburban Areas; ...3.0364

DEVELOPMENT OF ANALYTICAL METHODOLOGY ...Chloro Phenoxy Acetic; Food Contamination; Metabolites From Pesticides; Para-dichlorobenzene; Polychlorinated Biphenyl Cpds.; Residues in Foods; ...4.0421

RESPONSES OF DAIRY CATTLE FED FEEDSTUFFS CONTAINING RESIDUES OF CERTAIN AGRICULTURAL CHEMICALS ...Baytex; Chemical Analysis; Feces; Pesticide Action on Animals; Pesticide Residues; Residues in Foods; Tissue Accumulation Rates; ...4.0601

PREVENTION AND DISSIPATION OF PESTICIDE RESIDUES IN THE PRODUCTION OF MARKETABLE MILK AND MEAT PRODUCTS ...Bos; DDE; Liquids Or Sprays; Pesticide Residues Removal; TDE; ...4.0610

METABOLISM OF PESTICIDES BY BEEF CATTLE ...Aldrin; DDT; Feces; Pesticide Action on Animals; Pesticide Safety Measures; TDE; Urea Cpds. -nonspecific; Vertebrate Anatomy; ...4.0645

METABOLISM OF PESTICIDES IN CATTLE ...Animal Pests; Bos; Domestic Animals; Pesticide Residue Analysis; Pesticide Residues in Feeds; Tissue Accumulation Rates; ...4.0649

FACTORS AFFECTING INSECTICIDE RESIDUES IN MILK ...Bos; Domestic Animals; Metabolites From Pesticides; Pesticide Residues in Feeds; Residues in Foods; ...4.0671

METABOLISM OF PESTICIDAL SYNERGISTS ...Carbon; Feces; Metabolites From Pesticides; Pesticide Action on Animals; Toxicology; ...4.0790

METABOLISM OF HEXACHLOROPHENE, A POTENTIAL INTOXICANT ...Canidae; Carbon; Disinfection; Feces; Hexachlorophene; Muridae; Toxicology; ...4.0818

MINERAL INTERACTIONS WITH PESTICIDES ...Domestic Animals; Metabolites From Pesticides; Pesticide Action on Animals; Ronnel; ...4.0858

EFFECT OF NITRATES AND OTHER NITROGENOUS COMPOUNDS ON TOXICITY OF PESTICIDES ...Animal Pharmacology; Domestic Animals; Pesticide Action on Animals; Pesticide Rates -general; Pesticides -nonspecific; ...4.0866

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; DDT; Ethion; Kelthane; Parathion; Pesticide in Food Chains; TDE; Virginia; ...4.0890

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination - other; ...4.0987

SWEET CLOVER TOXICITY AND CHEMICAL AND PHYSIOLOGICAL STUDIES ON DICUMAROL AND WARFARIN ...Animal Pharmacology; Chemical Analysis; Laboratory Animals Muridae; Pesticide Action on Animals; Warfarin; ...4.0996

ANALYTICAL INVESTIGATIONS OF PESTICIDE RESIDUES, TIFTON ...Baytex; Chemical Analysis; Feces; Metabolites From Pesticides; Pesticide Rates -general; Pesticide Residues; Phosvel; Tissue Accumulation Rates; ...4.1020

METABOLISM OF CHLORINATED HYDROCARBON INSECTICIDES IN LIVESTOCK ...Animal; Domestic Animals; Gallus Domesticus; Pesticide Action on Animals; ...4.1097

METABOLIC FATE OF PESTICIDES IN ANIMALS ...Animal; Capra; Feces; Mus-600; Ovis; Pesticide Application Rates; ...4.1100

PESTICIDE ANALYSIS, COLLEGE STATION ...Aliphatic Carbamates; Gc 6506; Muridae; Pesticide Formulation; Pesticide Phytotoxicity; Pesticide Residues; Thin Layer Chromatography; ...4.1122

METABOLIC WARD ...Biochemical Analysis - Tissues; Carbon; Disaster; Occupational Hazards; Radiation Injury Prevention; ...5.0112

A SYSTEMATIC SURVEY OF THE EXCRETION OF RADIONUCLIDES ...Beryllium; Cesium; Iron; Lead; Manganese; Mercury; Radiation Injury Prevention; Sodium; Thallium; Tungsten; Zinc; ...5.0134

BASIC STUDIES OF THE IMMUNE RESPONSE AND THE EFFECT OF RADIATION ON THIS RESPONSE ...Cell Injury and Autolysis; Mammals -nonspecific; Radiation Effects - Biological; Radioisotopes -nonspecific; Viruses - Animal; ...5.0178

CATECHOLAMINE METABOLISM FOLLOWING X-IRRADIATION OF MAMMALS ...Injury and Shock; Muridae; Radiation Effects - Biological; Radiation Injury Prevention; Radiation, Whole Body; Stressors, Physiological; ...5.0214

METABOLISM AND DISTRIBUTION OF BONE-SEEKING NUCLIDES BY MAN ...Alpha Particles; Feces; Lead; Polonium; Radium; ...5.0282

TOXICITY OF 144CE INHALED IN FUSED CLAY BY THE BEAGLE DOG ...Aerosols; Body Isotope Burden; Cerium; Microorganisms -nonspecific; Respiratory Irritants, Inhaled; ...5.0426

TOXICITY OF INHALED 90SR CHLORIDE IN THE BEAGLE DOG ...Aerosols; Canidae; Nuclear Warfare; Respiratory Irritants, Inhaled; ...5.0428

TOXICITY OF INHALED 91Y CHLORIDE IN THE BEAGLE DOG ...Canidae; Feces; Microorganisms -nonspecific; Respiratory Irritants, Inhaled; Yttrium; ...5.0430

SR-90 METABOLIC BALANCE STUDIES ...Cooperative Studies; Digestive System - Human; Radiation Injury Prevention; Strontium; ...5.0494

ACUTE RADIATION EFFECTS OF WHOLE-BODY X-IRRADIATION IN ANIMALS AND SUITABLE THERAPY ...Biochemical Analysis - Tissues; Digestive System - Human; Radiation Injury Prevention; Radiation, Whole Body; ...5.0508

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Digestive System - Human; Freezing; Muridae; Photochemical Reactions; Radiation; Radiation Effects - Biological; ...5.0573

MECHANISM OF CREATINURIA IN IRRADIATED RATS ...Injury and Shock; Muridae; Radiation Effects - Biological; ...5.0587

RENAL PHARMACOLOGY AND TOXICOLOGY OF FALLOUT NUCLIDES ...Arsenic; Lead; Radiologic Health; Toxicology; Zirconium; ...5.0625

DEOXYCYTIDINE LEVELS IN URINE AND PLASMA AS AN INDEX OF IONIZING RADIATION DOSE ...Biochemical Analysis - Tissues; Biological Dosimetry; Carbon; Hydrogen; Muridae; ...5.0711

BIOLOGICAL INDICATORS OF RADIATION INJURY ...Biological Dosimetry; Mammals -nonspecific; Radiation Dose Studies-general; Radiation Sensitivity -man; Radiation Sources -general; ...5.0805

SEQUENTIAL RADIOCHEMICAL DETERMINATION OF RADIUM-226, 228, ACTINIUM-227 AND THORIUM-230 IN ENVIRONMENTAL AND PROCESS WASTE SAMPLES ...Actinium A C; Dosimetry; Mine Wastes; Radium; Thorium; Uranium; ...5.0820

GROSS ALPHA DETERMINATION IN ENVIRONMENTAL AND BIOLOGICAL SAMPLES ...Alpha Particles; Californium; Feces; Polonium; Radioactive Isotopes; Reduction Reactions; ...5.0823

STUDIES OF URANIUM MINER HAZARDS ASSOCIATED WITH RADON ...Bioassays; Feces; Lead; Occupational Hazards; Radiation Effects - Biological; Radon; ...5.0885

Utah

GEOCHEMICAL EXPLORATION STUDIES OF VOLATILE ELEMENTS ...Arizona; Colorado; Maps -general; Nevada; ...1.0029

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Water Supply Augmentation; ...1.0152

PREDICTION OF MINERAL QUALITY OF RETURN FLOW WATER FROM IRRIGATED LAND ...Computer Models; Effluents - Waste Water; Irrigation; Percolation (water); Soil Chemical Properties; Water Storage; ...2.0067

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

THE EFFECTIVENESS OF WATERFOWL IN CARRYING PATHOGENIC MICRO-ORGANISMS ...Animal Migration; Pathology; Sewage Bacteria; Temporal Distribution; Waterfowl - nonspecific; ...2.0396

LEAD SHOT, ITS SETTLEMENT, OXIDATION, AND AVAILABILITY TO WATERFOWL ...Aquatic Ecology - Animal; Contamination - Water; Corrosion, Deterioration; Lead; Ordnance Materials; Swamps - Marshes; Waterfowl -nonspecific; ...2.0397

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Water Quality Control -general; ...2.0398

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties; Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Water Pollutants - Path of; Water Pollution Sources; Water Quality -general; ...2.0400

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; ...2.1112

OPTIMUM DESIGN OF WASTE STABILIZATION PONDS ...Dispersion (water); Dyes; Inlets; Model Studies; Outlets; Pond, Sewage Lagoons; ...2.1114

LAKE DIKING AS A WATER POLLUTION MANAGEMENT TOOL ...Dams -general; Lakes; Management (water); Water Quality Control -general; Water Resources Planning; ...2.1115

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Currents (water); Engineering Structures-general; Mapping; Shoreline Geomorphology; Structural Mechanics; Surveying; Waves -see Ocean Waves; ...2.1738

CHARACTERISTICS OF CRUDE OILS ...Alaska; Data & Statistics Info Storage; Fluid Properties; Rocky Mountain System; Wyoming; ...3.0410

Vacuum Techniques

KINETICS OF SULFUR-OXIDE FORMATION IN FLAMES ...Air Pollution-chemistry; Combustion; Kinetics; Oxidation; Sulfur Dioxide Removal; ...1.0118

GAS CHROMATOGRAPHY AND AIR POLLUTION CONTROL ...Adsorption; Air Pollution-chemistry; Gas Chromatography; Inorganic Gases; ...1.0722

OIL SPILLAGE CONTROL ...Foam; Oil Removal; Petroleum Wastes - Spillage; Surfactants -see Detergents; Waste Management -see Specific; ...2.1078

VACUUM WASTEWATER COLLECTION SYSTEMS FOR NAVAL ADVANCED BASES ...Sanitation; Sewage - Domestic; ...2.1188

CHEMICAL SLUDGE DISPOSAL AND CHEMICAL RECOVERY AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Burning; District of Columbia; Pilot Plants; Tertiary Treatment; Waste Material Recovery; Waste Treatment Economics; ...2.1222

Vegetables

NATURE AND CONTROL OF OZONE INJURY TO PLANTS ...Cell Injury and Autolysis; Herbicides and Other Chem; Nicotiana; Phaseolus; Pollutant Resistance; ...1.0334

OZONE DAMAGE TO PLANTS ...Bayer 25141; Fruit, Nut, and Berry Crops; Pollutant Resistance; Solanum; Wind -see Air Motion; ...1.0337

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Bioindicators; B9; Liquids Or Sprays; Mineral Nutrition; Nicotiana; Pesticide Evaluation; Pesticides -other; Pollutant Resistance; Zea Mays - Field Corn; ...1.0338

PHYSIOLOGICAL RESPONSES OF PLANTS TO TOXIC AIR POLLUTANTS ...Adenosine Triphosphate; Enzymes; Lycopersicum; Mineral Nutrition; Pathological Physiology; Pinus Nigra; Respiration; ...1.0365

EVALUATION OF POTATO VARIETIES ...Air Pollution -see Specifics; Mineral Nutrition; Solanum; ...1.0367

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Humidity; Northeast U. S.; Permeability; Solanaceae; ...1.0369

AIR POLLUTION PROBLEMS IN THE NORTHEAST ...Air Pollution -see Specifics; Chlorine; Industrial Pollution -general; Lycopersicum; Nicotiana; Northeast U. S.; ...1.0418

EARLY DIAGNOSIS OF POLLUTION-INDUCED PLANT DAMAGE ...Air Pollution -see Specifics; Chenopodiaceae; Kinetics; Nicotiana; Photosynthesis; ...1.0424

PLANT DISEASE SURVEY ...Air Pollution -see Specifics; Corynebacteria -nonspecific; Fruit, Nut, and Berry Crops; Plant Pathogenetic Fungi; Pyrus Malus; Triticum; ...1.0426

VEGETABLE CROPS IMPROVEMENT THROUGH BREEDING ...Allium; Daucus Species; Fusarium; Phosphorus and Phosphorus Cpds; ...1.0435

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

NITRATES IN PLANTS AND WATER SUPPLIES FROM NITROGEN FERTILIZATION ...Agricultural Runoff; Clay Soils; Groundwater; Soil Depth; Soil Types -also See Specifics; Water Wells; ...2.0223

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Delaware; Food Processing Industries; Irrigation; Plant Waste Removal, Treatment; Rain; Water Costs; ...2.1214

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

DESIGNING AND TESTING HYDRAULIC HANDLING SYSTEMS FOR POTATOES, SUGAR BEETS AND OTHER CROPS ...Chenopodiaceae; Plant Pathology - Env. Relat.; Plant Waste Removal, Treatment; Solanum; Storage Changes; ...3.0157

ANIMAL WASTE COMPOSTING WITH CARBONACEOUS MATERIAL ...Farm Animal Wastes; Mineral Nutrition; Panicum -other; Plant Residues, Humus, Compost; Soil Amendments; Triticum; Waste Disposal on Soils; ...3.0252

AGRICULTURAL WASTES POULTRY MANURE DISPOSAL AND USE ...Economic Feasibility; Gallus Domesticus; Microorganisms -nonspecific; Phaseolus; Soil pH; ...3.0297

BARK RESIDUES AS SOIL CONDITIONER ...Lycopersicum; Ornamentals; Plant Waste Removal, Treatment; Soil Amendments; Soil Compaction Or Density; ...3.0375

WEED CONTROL ON THE NON-IRRIGATED LANDS OF IDAHO ...Brassica Species; Diuron; Linuron; Moisture Deficiency; Pesticide Application Rates; Pesticide Persistance in Soils; Pisum; Soil Environment -other; Solanum; Trifluralin; ...4.0103

ANNUAL WEED CONTROL IN ROW CROPS ...Alachlor; Chenopodiaceae; Liquids Or Sprays; Pesticide Persistance in Soils; Plant Population Dynamics -gen; Tenoran; ...4.0104

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment ..ccumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; ...4.0116

DETERMINATION OF HERBICIDAL RESIDUES IN PLANTS AND SOILS, AND FATE OF HERBICIDES IN CERTAIN SOILS ...Degradation; Ornamentals; Patoran; Pesticide Movement in Soils; Pesticide Phytotoxicity; Phaseolus; Turf; ...4.0133

WEED CONTROL IN VEGETABLES AND EFFICIENCY OF HERBICIDES IN FIELD SOILS ...Allium; Cdec; Daucus Species; Helianthus; Maloran; Pesticide Action on Plants; Pesticide Application Rates; Pesticide Persistance in Soils; Propachlor; Rain; Soil Depth; ...4.0186

EFFECTS OF HERBICIDES ON QUALITY AND CHEMICAL COMPOSITION OF FRESH AND PROCESSED VEGETABLES ...Cycloate; Diphenamid; Lycopersicum; Pesticide Organoleptic Prop.; Phaseolus; ...4.0217

DYNAMICS OF FUNGICIDAL ACTION ...Alternaria; Captan; Degradation; Fruit, Nut, and Berry Crops; Helminthosporium; Pesticide Action on Plants; Pesticide Phytotoxicity; Pyrus Malus; Sulfur; ...4.0252

CHEMICAL CONTROL OF WEEDS IN POTATOES ...Cyclic Organic Cpds. --(1 Or ; Dacthal ; Diphenamid; Pesticide Action on Plants; Pesticide Phytotoxicity; Solanum; ...4.0253

ACTION OF SELECTIVE CHEMICALS ON MICRO-ORGANISMS AND HIGHER PLANTS ...Capsicum; Nematoda; Pesticide Evaluation; Phaseolus; Temperature - Air; Xanthomonas; ...4.0255

NEMATODES - THEIR EFFECTS AND CONTROL ON VEGETABLE AND ORNAMENTAL CROPS ...Aliphatic Carbamates; Cerewet; Ferns; Iridaceae; Mocap; Nematoda; Pesticide Application Rates; Pesticide Phytotoxicity; Soil Microbiology; Thimet; ...4.0259

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Citrullus; Cucurbita; Cyperaceae; Hibiscus; Liquids Or Sprays; Panicum -other; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Movement in Soils; Planavin; Sandy Soils -see Soil Type; Solanum; Truck Farming - vegetables; ...4.0265

REDUCTION OR ELIMINATION OF PESTICIDE RESIDUES ON FOOD AND FEED PRODUCTS ...Apium Species; DDT; Parathion; Pesticide Residues; Pesticide Residues Removal; Temperature - Air; ...4.0266

CHEMICAL WEED CONTROL FOR COMMERCIAL VEGETABLE PRODUCTION ...Alachlor; Cucumis Sativus; Cynodon; Diphenamid; Herbicides -nonspecific; Lactuca; Nematocides -nonspecific; Papaveraceae; Pesticide Evaluation; Pesticide Phytotoxicity; Planavin; Portulacaceae; Soil Moisture; Truck Farming - vegetables; ...4.0272

PRELIMINARY EXPLORATORY RESEARCH AT THE SOUTH FLORIDA FIELD LABORATORY ...Citrullus; Fruit, Nut, and Berry Crops; Fusarium; Lycopersicum; Pesticide Application Rates; Pesticide Phytotoxicity; Pinolene; ...4.0273

WEED CONTROL IN PLANT INDUSTRY ...Capsicum; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Sirmate; Tillam; ...4.0291

WEED CONTROL INVESTIGATIONS IN SEEDED AND TRANSPLANTED VEGETABLE CROPS ...Brassica Species; Citrullus; Cucumis Sativus; Lycopersicum; Pesticide Evaluation; Pesticide Residues; Phaseolus; Planavin; Tok; ...4.0292

EVALUATION OF CHEMICAL COMPOUNDS AS NEMATOCIDES ...Bayer 25141; Mocap; Nematoda; Pesticide Phytotoxicity; Population Dynamics -general; ...4.0294

THE RELATIONSHIP OF INSECTS TO THE LEAFROLL VIRUS DISEASE OF POTATO ...Aliphatic Carbamates; Biological Control; Granules, Capsules; Pesticide Application Rates; Pesticide Phytotoxicity; ...4.0300

HERBICIDES - THEIR ADAPTATION TO HORTICULTURE CROPS, AND STUDIES OF CONTAMINATION ...Acer Species; Brassica Species; D, 2,4-; Lycopersicum; Pesticide Interaction With Env; Phaseolus; Rain; Sulfhydryl Compounds; ...4.0309

SOUTHEAST KANSAS EXPERIMENTAL FIELD ...Carya; Drainage; Fruit, Nut, and Berry Crops; Juglans; Ornamentals; Pesticide Evaluation; Pesticide Residues; ...4.0326

EFFECT OF PCNB ON PALATABILITY AND COMPOSITION OF POTATOES ...Home Economics; Pellicularia; Pesticide Organoleptic Prop.; Phenols; Solanum; Terrachlor; ...4.0342

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Absorption - Chemistry; Chemical Analysis; Chlorinated Hydrocarbons; Disulfoton; Monitoring Systems; Pesticide Degradation -see Deg; Pesticide Rates -general; Plant; Residues in Foods; ...4.0348

TRANSFORMATIONS OF INSECTICIDES BY PLANTS ...Animal Pests; Degradation; Enzymes; Pesticide Residues; Plant; Radioisotopes -nonspecific; ...4.0349

CONTROL OF ROOT ROT DISEASES OF GREENHOUSE FLORICULTURAL AND VEGETABLE CROPS ...Captan; Dexon; Euphorbiaceae; Lycopersicum; Ornamentals; Pesticide Phytotoxicity; Primulaceae; Rhizoctonia, Thielaviopsis; Verticillium; ...4.0355

EFFECT OF INTENSIVE CROPPING ON CHEMICAL ACCUMULATION, YIELD & PROCESSING CHARACTERISTICS OF VEGETABLES ...Brassica Species: Chenopodiaceae; DDT; Endrin; Liquids Or Sprays; Malathion; Pesticide Persistance in Soils; Phosdrin; Residues in Foods; Soil Chemical Properties; Tillage, Cropping Systems; Toxaphene; ...4.0375

CONTROL OF POTATO PESTS ...Captan; Difolatan; Fore; Fusarium; Pesticide Application Rates; Pesticide Phytotoxicity; Residues in Foods; Solanum; ...4.0396

SEASONAL OCCURRENCE AND CONTROL OF THE CORN EARWORM IN THE VALLEY ...Animal Life History Studies; Economics of Chemical Control; Helminthosporium; Pesticide Evaluation; Pesticide Phytotoxicity; Population Dynamics - general; ...4.0406

BIOASSAY OF PESTICIDE RESIDUES ON FRESH FRUITS AND VEGETABLES ...Bioassay; Pesticide in Food Chains; Pesticide Phytotoxicity; Pesticide Residue Analysis; Pesticide Residues; Pesticides -nonspecific; ...4.0407

BIOASSAY OF PESTICIDE RESIDUES ON PROCESSED FRUITS AND VEGETABLES ...Bioassay; Fungicides -nonspecific; Insecticides -nonspecific; Pesticide in Food Chains; Pesticide Residue Analysis; Residues in Foods; ...4.0408

EVALUATION OF CHEMICAL FORMULATIONS AND ENERGY PROCESSES AS SEED TREATMENTS OF MAJOR CROP PLANTS ...Avena Sativa; Metal Organics -nonspecific; Pesticide Evaluation; Pesticide Phytotoxicity; Temperature - Air; Triticum; Vitavax; ...4.0410

DETECTION OF CHEMICAL TREATMENT OF SEEDS IN SERVICE AND ENFORCEMENT TESTING ...Alternaria; Bioassay; Hordeum Vulgare; Myrothecium; Pesticide Evaluation; Phaseolus; Secale; ...4.0411

HERBICIDES FOR VEGETABLES ...Allium; Cucumis Sativus; Fungal Resistance; Pesticide Evaluation; Plant Resistance; Soil Environment -other; Tok; Virus Resistance; ...4.0420

EFFECT OF HERBICIDES ON FOOD CROPS ...Absorption (incl. Adsorption); Chemical Analysis; Cyclic Organic Cpds. --(1 Or ; Diphenamid ; Lycopersicum; Pesticide Organoleptic Prop.; Radioisotopes -nonspecific; Solanum; ...4.0437

WEED CONTROL STUDIES WITH HORTICULTURAL CROPS ...Amino Triazole; Dichlobenil; Paraquat; Pesticide Application Rates; Pesticide Interaction With Env; Soil Environment -other; Zea Mays - Sweet Corn; ...4.0438

EVALUATING NEW FUNGICIDES ...Capsicum; Disulfoton; Granules, Capsules; Liquids Or Sprays; Pesticide Evaluation; Pesticide Phytotoxicity; Rain; ...4.0479

AGRICULTURAL BIOLOGY ...Carbamates -nonspecific; Fungicides -nonspecific; Gossypium; Granules, Capsules; Insecticides - nonspecific; Nematocides -nonspecific; Nematoda; Organophosphorous Cpds.; Pesticide Phytotoxicity; Untilaginales, Verticillium; ...4.0480

EFFECTS OF GROWTH CONTROLLING CHEMICALS, LIGHT/TEMPERATURE ON GERMINATION/GROWTH/REPRODUCTION ...B9; Chrysanthemum; Cold Resistance and Hardiness; Fruit, Nut, and Berry Crops; Lycopersicum; Ornamentals; Pesticide Evaluation; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; ...4.0500

PATHOLOGY AND CONTROL OF ONION WHITE ROT ...Allium; Botran; Methyl Bromide; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sclerotium; Soil Microbiology; Terrachlor; ...4.0506

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdaa; Cyclic Organic Cpds. --(1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; ...4.0528

CONTROL OF INSECT PESTS OF VEGETABLES BY INSECTICIDES AND PLANT RESISTANCE ...Animal Resistance; Chlordan; Insect Resistance; Pesticide Evaluation; Solanum; Thimet; ...4.0684

EFFECT OF SOIL FUMIGANTS AND FUNGICIDES ON FRUIT AND VEGETABLE QUALITY ...Citrus; Fragaria; Fruit, Nut, and Berry Crops; Fumigants -nonspecific; Horticultural Crops - general; Lactuca; Pesticide Organoleptic Prop.; Phaseolus; Residues in Foods; ...4.0929

EFFECT OF PESTICIDES ON KEEPING QUALITY AND NUTRITIVE VALUE OF PLANT COMMODITIES ...Captan; Cipc; Degradation; Finland; Herbicides and Other Chem; Linuron; Pesticide Action on Plants; Piperonyl Butoxide; Respiration; ...4.0937

EFFECT OF HERBICIDES ON PROVITAMIN A VALUE OF SELECTED RAW AND COOKED VEGETABLES ...Amino Triazole; Chenopodiaceae; Daucus Species; Muridae; Residues in Foods; ...4.0957

DEVELOP WEED CONTROL PRACTICES FOR SOUTHEASTERN COASTAL PLAIN VEGETABLE CROPS ...Alanap; Atlantic Coastal Plain; Brassica Species; Capsicum; Cipc; Cotorse; Dichlobenil; Diuron; Herbicides and Other Chem; Metabolites From Pesticides; Pesticide Persistance in Soils; Pesticide Residues; Simazine; Terbacil; Tok; ...4.1022

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Benlate; Chenopodiaceae; Ethrel; Penicillium; Pesticide Residues Removal; Respiration; TBZ; ...4.1047

A STUDY OF THE HORTICULTURE SPECIALTY INDUSTRY IN MISSISSIPPI ...Brassica Species; Dacthal; Lycopersicum; Residues in Foods; Trifluralin; ...4.1053

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURE COMMODITIES ...DDT; Fruit, Nut, and Berry Crops; Pesticide in Food Chains; Pesticides -nonspecific; Pyrus Malus; Residues in Foods; ...4.1081

REMOVING RADIOACTIVE FALLOUT FROM VEGETABLES AND FRUITS DURING PROCESSING ...Cesium; Fragaria; Plants; Radioactive Contamination; Solanum; ...5.0105

STUDY OF RADIONUCLIDE EFFECTS ON PLANT GROWTH - WITH SPECIAL REGARD TO PLANT DAMAGE CAUSED BY IONIZING RADIATION ...Beta Particles; Dosimetry; Lactuca; Plants; Radioactive Isotopes; Triticum; Yttrium; ...5.0118

FISSION PRODUCT CYCLES IN AN AGRICULTURAL SYSTEM - VALIDATION OF MODEL ...Lycopersicum; Models of Biological Systems; Radioactive Contamination; Soil Chemical Properties; Strontium; ...5.0154

FIELD AND PHYTOTRON EXPERIMENTS ON RADIOSTIMULATION OF SOME GRAIN AND VEGETABLE VARIETIES ...Foreign Agriculture; Hungary; Plants; ...5.0266

Venezuela

AREA PROGRAM IN POPULATION GENETICS ...Atomic Bomb; Brazil; Computer Methods -general; Demography; Japan; Population - Growth; ...5.0403

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION OF SEEDS ...Foreign Agriculture; Neutron -see Radiation; Plants; ...5.0728

Vermont

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Air Pollution -see Specifics; Environmental Physiology; Humidity; Solar Light; Wind -see Air Motion; ...1.0374

NUTRIENT BUDGETS, RECYCLING, AND WATER TRANSPORT IN LAKE CHAMPLAIN ...Biochemical Oxygen Demand; Chlorine; Lake Champlain; Lakes; Mineralogical Water Properties; Nutrients; Organic Water Properties; ...2.0404

ECOLOGY OF YEASTS IN LAKE CHAMPLAIN ...Acidity (water); Bioindicators; New York; Plant Freshwater Ecology; Temperature (water); Water Pollutant Identification; ...2.0700

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Water Pollutants - Path of; ...2.0829

ENVIRONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT ...Aquifers; Erosion; Landfills - see Water Pollution; Recharge (water); Septic Tanks; Surficial Geology Studies; Water Table; ...2.1437

ATTITUDES, OPINIONS AND GOALS CONCERNING REGIONAL RESOURCE PLANNING AND DEVELOPMENT ...Attitudes & Attitude Change; Computer Methods -general; Economic Planning; Government -see Federal Gov.; Regional Economics; River Basins; ...2.1922

PROGRAM PLANNING ON ACTIVITIES OF AGENCIES OF CONCERN TO PUBLIC WATERS ...Biological Water Properties; Fish & Shellfish Biology; Meetings; Water Resources Planning; ...2.1923

BIOLOGY OF THE EASTERN CHIPMUNK, TAMIAS STRIATUS ...Animal Productivity; Elevation Levels, Altitude; Population Dynamics -general; Sciuridae; Vertebrates Excl. Man; ...5.0375

Vertebrate Anatomy

ANATOMY OF THE RESPIRATORY SYSTEM IN HEALTH AND DISEASE ...Air Pollution -see Specifics; Gallus Domesticus; Mammals -nonspecific; Quail; Respiratory Disease; ...1.0175

EFFECTS OF WATER DIVERSION ON BIOTA AND WATER QUALITY IN THE STATE OF ARKANSAS ...Animal Productivity; Aquatic Ecology - Animal; Chemical Water Properties; Eutrophication; Physical Water Properties; Population Dynamics - general; ...2.1482

PHYSIOLOGICAL ADAPTATION OF TWO SPECIES OF FISHES, FUNDULUS HETEROCLITUS AND SALMO GAIRDNERI, TO ALTERED WATER QUALITY PARAMETERS ...Contamination - Water; Environmental Physiology; Optical Properties of Water; Salinity (water); Salmo Gairdneri; ...2.1647

METABOLISM OF PESTICIDES BY BEEF CATTLE ...Aldrin; DDT; Feces; Pesticide Action on Animals; Pesticide Safety Measures, TDE; Urea Cpds. -nonspecific; ...4.0645

A TISSUE ENZYME ASSAY FOR CHLORINATED HYDROCARBON INSECTICIDES ...Animal; Bioassays; Cyclodiene Cpds. - nonspecific; Lepomis Macrochirus; Pesticides -see Pesticide; Water Pollutant Identification; ...4.0681

TISSUE STRUCTURE AND GROWTH OF RATS FED LARD CONTAINING INSECTICIDES ...DDT; Iodine; Malathion; Muridae; Pesticide Rates -general; ...4.0778

ACTION MECHANISMS OF INSECTICIDAL DERIVATIVES ...Animal; Carbamates -nonspecific; DDT; Fungi -nonspecific; Muridae; Pesticide Action on Animals; Physiological Resistance; ...4.0915

COMPARATIVE STUDY OF THE EFFECTS OF X-IRRADIATION ON THE ELASMOBRANCH BRAIN ...Chondrichthyes; Felidae; Injury -animal; Injury and Shock; Radiation Effects - Biological; X and Gamma Rays; ...5.0518

EFFECTS OF IRRADIATION, TEMPERATURE AND OTHER ENVIRONMENTAL FACTORS ON SALMONID EMBRYOS ...Embryology -basic; Optical Properties of Water; Radiation Effects - Biological; Temperature (water); X and Gamma Rays; ...5.0763

Vertebrate Injury

Injury -animal

FLUOROSIS IN PLANTS AND ANIMALS ...Air Pollution -see Specifics; Bovidae -other; Equidae; Ovis; ...1.0428

MANAGEMENT PRACTICES AFFECTING SWINE PRODUCTION ...Animal Pharmacology; Farm Animal Wastes; Space Requirements; Temperature - Air; ...3.0280

COMMUNITY CAGE HOUSING OF LAYING CHICKENS ...Behavior -vertebrate; Farm Structures & Design; Space Requirements; Wind -see Air Motion; ...3.0337

MAMMALIAN STUDIES WITH ACCELERATORS - WHOLE SKIN HELIUM ION IRRADIATION STUDY ...Cobalt; Muridae; Radiation Sensitivity -man; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0126

PROTRACTED RADIATION EFFECTS ...Healing; Injury and Shock; Mammals -nonspecific; Mathematical Models; Radiation Effects - Biological; X and Gamma Rays; ...5.0165

CHANGE IN RADIOSENSITIVITY OF INTESTINAL CRYPTS FROM GROUND SQUIRRELS DURING THE FIRST 48 HOURS AFTER AROUSAL FROM HIBERNATION ...Hibernation; Radiation Sensitivity -man; Radiation, Lethal Dose; Sciuridae; Temperature - Air; Vertebrates Excl. Man; X and Gamma Rays; ...5.0279

THEORY OF AGING, MORTALITY AND RADIATION INJURY ...Lethal Mutation; Mammals -nonspecific; Radiation Effects - Biological; Radiation Sensitivity -man; Simulation Theory; Statistics; X and Gamma Rays; ...5.0286

CORRELATED STATISTICAL AND CYTOPHYSIOLOGICAL STUDIES OF THE RADIATION RESPONSE IN HIGHER VERTEBRATES ...Gallus Domesticus; Muridae; Radiation, Lethal Dose; Vertebrates Excl. Man; X and Gamma Rays; ...5.0290

EFFECTS OF IONIZING RADIATION ON THE ELASMOBRANCH BRAIN ...Injury and Shock; Selachii; Vertebrates Excl. Man; X and Gamma Rays; ...5.0361

RADIATION INJURY AND RECOVERY IN DOGS AND PRIMATES ...Canidae; Monkey; Radiation Effects - Biological; ...5.0465

COMPARATIVE STUDY OF THE EFFECTS OF X-IRRADIATION ON THE ELASMOBRANCH BRAIN ...Chondrichthyes; Felidae; Injury and Shock; Radiation Effects - Biological; Vertebrate Anatomy; X and Gamma Rays; ...5.0518

RADIOTOXICITY OF FISSION PRODUCT ELEMENTS ...Beta Particles; Radiation Effects; Radioactive Pollution -in; Vertebrates Excl. Man; Yttrium; Zinc; ...5.0612

MODIFICATION OF LATE SOMATIC EFFECTS OF RADIATION BY HYPOXIA ...Muridae; Radiation Effects - Biological; X and Gamma Rays; ...5.0638

THE TIME COURSE OF RECOVERY FROM GAMMA RAYS AND FISSION NEUTRONS ...Muridae; Neutron -see Radiation; Vertebrates Excl. Man; X and Gamma Rays; ...5.0653

LATE EFFECTS OF RADIATION AS A FUNCTION OF DOSE RATES BETWEEN 1 P PER DAY AND 1 R PER SECOND ...Muridae; Vertebrates Excl. Man; X and Gamma Rays; ...5.0654

EFFECT OF DOSE RATE AND TOTAL DOSE OF GAMMA IRRADIATION UPON METABOLIC PARAMETERS IN BIRDS ...Calcium; Gallus Domesticus; Phosphorus; Radiation Effects - Biological; Strontium; X and Gamma Rays; ...5.0672

METABOLIC EFFECTS OF GASTROINTESTINAL AND SKIN RADIATION INJURY ...Beta Particles; Ovis; Radiation Effects - Biological; X and Gamma Rays; Zinc; ...5.0675

SPECIES COMPARISON OF THE ACUTE IRRADIATION SYNDROME ...Iron; Ovis; Radiation, Lethal Dose; Sus; Vertebrates Excl. Man; ...5.0676

CHARACTERISTICS OF A WITHIN-STRAIN RADIATION RESISTANCE FACTOR ...Muridae; Radiation Effects - Biological; ...5.0867

Shock -animal

CHRONIC TOXICITY OF PESTICIDES TO COLD-WATER FISH ...Animal Pharmacology; Fish; Nutrition; Pesticide Residues; Pesticides -see Pesticide; ...4.0920

Vibration Instruments

AIR CREW PERSONNEL NOISE EXPOSURE ...Aerospace Studies; Aircraft; Aviation Medicine; Fatigue; Noise; Noise Abatement; Pilots; Sensory & Perceptual Processes; ...6.0014

TRAFFIC NOISE STANDARDS ...Building Acoustics -see Noise; Noise; Urban Environment; Urban Research -general; ...6.0042

Vibrations, -bioeffects

PERFORMANCE, RECOVERY, AND MAN-MACHINE EFFECTIVENESS ...Fatigue; Military Personnel; Performance - Behavioral Study; Sleep Deprivation, Fatigue; Stressors, Physiological; Systems Research; Temperature & Humidity Effects; ...1.0298

ECOLOGY OF HOT CREEK VALLEY - VEGETATION AND SOIL RESPONSE TO UNDERGROUND DETONATIONS ...Absorption (incl. Adsorption); Plant Community Mapping; Plant Succession; Radiation Effects -see Rad.; Radioactive Contamination; Radioecology - Plants; Soil - Crop Relationships; Soil Environment -other; Translocation; ...5.0422

WHOLE-BODY EFFECTS OF AIR FORCE NOISE ON PEOPLE ...Auditory Physiology; Aviation Medicine; Infra Red; Noise; Performance - Behavioral Study; Sensory & Perceptual Processes; Ultrasonic -bioeffects; ...6.0010

PERSONNEL TECHNOLOGY - NAS/NRC ADVISORY SERVICES ON OPERATIONAL PROBLEMS OF VISION AND HEARING ...Acoustics; Aviation Medicine; Consultants; Advisory Services; Military Personnel; Pilots; ...6.0077

BEHAVIORAL TOXICITY OF NOISE IN IMMATURE MICE ...Auditory Stress; Hearing Loss and Deafness; Noise; Psychology; ...6.0080

TRAUMATIC ORIGINS OF HEARING LOSS ...Auditory Physiology; Hearing Loss and Deafness; Monkey; Noise; Toxic Substances; Trauma; ...6.0083

RESPONSE OF CAGED MINK TO SONIC BOOM ...Engineering Mechanics; Farm Structures & Design; Mustelidae; Noise; Signal Analysis; ...6.0087

STUDY OF THE EFFECT OF NOISE ON HUMANS ...Environmental Effects - Human; Noise; ...6.0091

Virgin Islands

CHEMISTRY OF ATMOSPHERIC PRECIPITATION ...Chemical Analysis -general; Chemical Water Properties; New York; North Carolina; Precipitation; ...2.0092

REMOTE SENSING - TEKTITE, VIRGIN ISLANDS ...Man in the Sea Programs; Marine Environments; Marine Pollution; Puerto Rico; Spacecraft Sensory Devices; ...2.0819

Virginia

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Chlorine; Fish; Literature Search; Rock - Soil Pollution; Soil Chemical Properties; Soil Saline Properties; Water Supply Facilities; ...2.0400

ACID MINE POLLUTION ...Acid Mine Drainage; Biological Water Properties; Catostomidae; Mining Industry; Physical Water Properties; Rehabilitation -streams -lakes; Sediments; Strip Mines; Water Pollution Abatement; ...2.0409

WATERBORNE DISEASE ETIOLOGY ...Animal Pollutant Sources; Czechoslovakia; Florida- Food Contamination; Protozoa; Water Wells; ...2.0715

WATER COLUMN TESTING OF FERTILIZERS ...Chemical Analysis (water); Fish; Lakes; Phytoplankton; Recreation, Water Resources; Warm Temperature -natural; ...2.0832

BOTTOM FAUNA COMPOSITION STUDIES ...Aquatic Ecology - Animal; Benthic Fauna; Eutrophication; Micropterus Dolomieui; Physical Control; Taxonomy -animal; ...2.0833

FRESH-SALT WATER IN ESTUARIES SEDIMENTATION PROCESSES ...Estuaries; Marine Environments; Physical Models; Rate of Deposition; Suspension, Tides; Turbidity (water); ...2.1123

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Catostomidae; Effluents - Waste Water; Manganese; Mining Industry; Pollution Effects -see Water; Sediments; Toxic Minerals; Water Purification; ...2.1746

SOME EFFECTS OF THE RECENT INTRODUCTION OF HARD WATER INTO THE WATER SUPPLY RESERVOIR OF CARVIN COVE, VIRGINIA ...Animal Productivity; Benthic Fauna; Environmental Ecology; Mineralogical Water Properties; Physical Water Properties; Vertical Distribution; Water Pollution Effects; ...2.1747

BIOLOGY OF ANADROMOUS ALOSIDS ...Aging; Contamination - Water; Embryology -basic; Fish & Shellfish Biology; Marine Animals; Spawn Or Nesting Sites; ...2.1748

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

ANALYSIS OF WATER RESOURCES ADMINISTRATIVE AGENCIES ...Administration and Management; Management (water); Recreation, Water Resources; Types of Resources; Water Quality -general; Water Resources Planning; ...2.1926

PHYSICAL PROPERTIES OF THE SOILS OF VIRGINIA ...Atlantic Coastal Plain; Piedmont Province; Soil Moisture; Soil Profile; Soil Texture; Urban Environment; Waste Disposal on Soils; ...3.0329

METABOLISM OF PESTICIDES BY BEEF CATTLE CONSUMING FEEDSTUFFS PRODUCED IN THE APPALACHIAN AREA ...Animal; BHC; Chloropropylate; DDT; Ethion; Kelthane; Parathion; Pesticide in Food Chains; TDE; ...4.0890

Viruses - Animal

INHALATION OF WHOLE SMOKE, SYNTHETIC SMOG, & AMBIENT AIR ON THE RESPIRATORY TRACT & OTHER ORGANS OF PATHOGEN-FREE MICE (ABBREV) ...Aerosols; Carbon Monoxide; Muridae; Respiratory Irritants, Inhaled; Sulfur Dioxide; ...1.0179

RESPIRATORY TRACT AIR POLLUTANTS AND BIOLOGICAL AGENTS ...Air Pollution -see Specifics; Caviidae; Diplococcus Pneumoniae; Muridae; Pleuropneumonia Group; Respiratory Disease; Smog -see Air Pollution; Sulfur Dioxide; ...1.0180

THE EFFECT OF INFLUENZA VIRUS AND NICOTINE ON THE NUCLEAR STRUCTURE OF CILIATED HUMAN EPITHELIUM ...Air Pollution -see Specifics; Mammals -nonspecific; Respiratory Irritants, Inhaled; Time-lapse Photography; Viral Carcinogenesis; ...1.0199

EFFECT OF AIR POLLUTANTS ON DEVELOPMENT AND PERSISTENCE OF HEMAGGLUTINATING ANTIBODIES AGAINST INFLUENZA VIRUS (ABBREV) ...Air Pollution -see Specifics; Respiratory Disease; ...1.0248

AIR POLLUTION EFFECTS ON AIRBORNE RESPIRATORY DISEASE ...Air Pollution -see Specifics; Nitrogen and Nitrogen Cpds.; Respiratory Irritants, Inhaled; Sulfur Dioxide; Temperature & Humidity Effects; Urban Environment; ...1.0304

ENTERIC VIRUS SURVIVAL IN ESTUARINE WATERS ...Estuaries; Food Contamination; Safety - Recreation; Temperature &

Humidity Effects; Viral Pollutant Sources; Water Pollution -see Specifics; ...3.0002

VIROLOGICAL METHODS RESEARCH IN WATERS ...Estuaries; Food Contamination; Safety - Recreation; Viral Pollutant Sources; Water Pollution -see Specifics; ...3.0463

VIROLOGICAL METHODS RESEARCH IN WATERS ...Food Contamination; Recreation, Water Resources; Safety - Recreation; Viral Pollutant Sources; Water Pollution -see Specifics; Water Reuse; ...3.0467

ENTEROVIRUSES IN DEPURATED HARD CLAMS, 'MERCENARIA MERCENARIA' ...Antibiotics -nonspecific; Bacteria - nonspecific; Bacterial Population Surveys; Clams; Contamination - Water; Long Island Sound; Shellfish Depuration; ...3.0696

SIGNIFICANCE OF THE FECAL STREPTOCOCCI, COLIFORM BACTERIA AND COLIPHAGE IN RELATIONSHIP TO ENTERIC VIRUS POLLUTION IN SEWAGE AND RIVERS ...Bacterial Pollutant Sources; Bacteriophage; Rhode Island; Streptococcus Fecalis; Water Pollutant Identification; ...3.0780

VIRUSES IN SURFACE WATERS -DEVELOPMENT AND APPLICATION OF NEW CONCENTRATION METHODS ...Viral Pollutant Sources; Water Pollution -see Specifics; ...3.0821

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Adsorption; Electrochemistry; Filtration; Pilot Plants; Precipitation; Safety - Recreation; Water Pollution -see Specifics; ...3.0836

DESTRUCTION OF INFECTIOUS VIRAL NUCLEIC ACID BY IODINE ...Chemical Treatment (water); Food Contamination; Iodine; Phenols; Viral Pollutant Sources; Water Pollution -see Specifics; ...3.0930

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chlorination; Chlorine; Disinfection; Feces; Potable Water; Viral Pollutant Sources; Water Supply -general; ...3.0942

DEVELOPMENT OF METHODOLOGY FOR ISOLATION OF VIRUSES FROM WATER ...Adsorption; Ionic Effect; Kinetics; Spectrographic Techniques; Viral Pollutant Sources; Water Pollution -see Specifics; ...3.0954

ENTERIC VIRUS SURVIVAL IN AQUEOUS ENVIRONMENTS ...Estuaries; Food Contamination; Potable Water; Recreation, Water Resources; Safety - Recreation; Viral Pollutant Sources; Water Pollution -see Specifics; ...3.1145

A FEASIBILITY STUDY OF ULTRAFILTRATION AND ELECTROPHORETIC DIALYSIS FOR RECOVERY OF VIRUSES IN WASTE AND OTHER WATERS ...Electrodialysis; Filters-filtration; Reverse Osmosis; Viral Pollutant Sources; Virus; Water Pollution -see Specifics; ...3.1281

APPLICATION OF AGRICULTURAL CHEMICALS ...Biological Control; Cycloate; Equipment; Labiatae; Nematoda; Pesticide Application Equip.; Pesticide Drift; Planavin; Pyrus Malus; ...4.0163

CONTROL OF ARTHROPOD PESTS OF COTTON ...Animal Resistance; Costs -see Economics Entries; Gossypium; Pesticide Action on Plants; Pesticide Persistance in Soils; Pesticides Compatibility; Toxaphene; ...4.0425

BIOLOGICAL CONTROL OF COTTON INSECTS ...Animal Life History Studies; Biological Control; Economic Losses (or Benefits); Insecticides -nonspecific; Pest Control Measures; ...4.0552

BIOLOGY AND CONTROL OF THE HELIOTHIS COMPLEX ON COTTON ...Aliphatic Carbamates; Animal Resistance; Biological Control; DDT; Population Dynamics -general; Toxaphene; ...4.0688

DISTRIBUTION, ABUNDANCE AND CONTROL OF HELIOTHIS SPP. IN COTTON ...Bacillus Thuringiensis; Biological Control; DDT; Insect Resistance; Population Dynamics -general; Toxaphene; ...4.0689

THE EFFECT OF ENVIRONMENTAL CHEMICALS ON HI VIRAL-INDUCED FETAL RESORPTIONS IN PREGNANT HAMSTERS ...Cricetus; Developmental Physiology; Environmental Effects - Human; Laboratory Animals; Mercury; Pesticide Action on Animals, T, 2,4,5-; Toxicology; ...4.0791

THE PHOTOBIOLOGY AND PHOTOCHEMISTRY OF RIBONUCLEIC ACIDS ...Cellular Repair Mechanisms; Nicotiana; Photoactivation and React; Plants; Radiation -see Specifics; Ultra Violet Radiation; ...5.0088

BASIC STUDIES OF THE IMMUNE RESPONSE AND THE EFFECT OF RADIATION ON THIS RESPONSE ...Cell Injury and Autolysis; Mammals -nonspecific; Radiation Effects - Biological; Radioisotopes -nonspecific; Urine; ...5.0178

INTERACTION OF SR90 WITH ONCOGENIC AND NON-ONCOGENIC VIRUS IN PRODUCING BONE CANCER IN MICE ...Co-carcinogenesis; Muridae; Radiation Carcinogenesis, Radiation Effects - Biological, Strontium; Tumor Pathology; Viral Carcinogenesis; ...5.0275

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles; Chemical Carcinogenesis; Cricetus; Experimental Teratology; Fish; Lead; Muridae; Radiation Carcinogenesis; Radiation Injury Prevention; Temperature & Humidity Effects; Viral Pollutant Sources; ...5.0371

THE EFFECT OF THE INHALATION OF RADIONUCLIDES IN 'INSOLUBLE' FORMS ON THE FATE OF INHALED BACTERIA IN MICE ...Aerosols; Bacterial Population Surveys; Microorganisms; Proteus -nonspecific; Staphylococcus Aureus; Stressors, Physiological; Yttrium; ...5.0439

VIRUS PROJECT ...Arthropods; Muridae; Radiation, Whole Body; X and Gamma Rays; ...5.0600

Wabash River

WATER POLLUTION STUDY OF THE WABASH RIVER ...Data Acquisition; Indiana; Industrial Wastes; Model Studies; Urban Environment; Water Pollution Sources; Water Quality -general; ...2.0583

MICROBIOLOGY OF THERMALLY POLLUTED ENVIRONMENTS ...Acidity (water); Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Hyperthermal; Radioisotopes -nonspecific; Thermophilic Bacteria; Water Pollutant Identification; ...2.1590

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Biochemical Analysis - Tissues; Ecological Effects; Energy Conversion; Environmental Physiology; Pollution Effects -see Water; Temperature (water); Thermal Pollution; Water Pollutant Identification; ...3.1593

Warning Systems

CONCORDE RADIATION WARNING DEVICE TESTS ...Aerospace Studies; Altitude; Aviation Medicine; Cosmic Rays; Radiation Injury Prevention; ...5.0912

Washington

THE EFFECTS OF ATMOSPHERIC POLLUTION ON EPIPHYTES ...Air Pollution Monitoring; Bryophyta; Idaho; Iron & Steel Industry; Montana; Pseudotsuga; Range Or Territorial Distr.; ...1.0421

IRRIGATION RETURN FLOW - NUTRIENT BALANCE ...Agricultural Runoff; Idaho; Nutrients; Pesticides -nonspecific; Salinity (water); Water Pollutants - Path of; ...3.0076

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...3.0320

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...3.0326

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Water Depth, Water Levels; ...3.0332

THE MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Absorbed Load; Chemical Water Properties; Estuaries; Water Pollution Sources; ...3.0339

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS ...Amphibious Plants; Biological Water Properties; Mineralogical Water Properties; Pesticides -nonspecific; Plant Freshwater Ecology; Radioisotopes; Springs; ...3.0414

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Copepoda; Eutrophication; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Puget Sound; Tides; Wind; ...3.0423

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algae -nonspecific; Algal Physiology; Environmental Influences; Eutrophication; Lake Stages; Physical Control; Stratification (water); Water Supply Augmentation; ...3.0429

CORRELATED STUDIES OF VANCOUVER LAKE--WATER QUALITY PREDICTION STUDY ...Columbia River; Dredging; Lakes; Model Studies; Organic Matter; Sediments; Water Quality Control -general; ...3.0040

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Columbia River; Electric Power Plants; Fishing; Heat Flow (water); Nitrogen and Nitrogen Cpds.; Recreation; Water Resources; Types of Resources; Water Storage; ...3.0041

ADVANCE WARNING OF GROUND-WATER POLLUTION HAZARDS, WITH SPECIAL REFERENCE TO AQUIFERS IN GLACIAL OUTWASH ...Aquifers; Geophysical Analysis; Groundwater; Stratification (water); Water Pollutant Identification; ...3.0042

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants; Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tidage; Water Pollutant Identification; Water Resources Planning; ...3.0047

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; Sewage; ...3.0048

PHOTOCHEMICAL METHODS FOR PURIFYING WATER ...Chemical Oxygen Demand; Effluents - Waste Water; Pesticide Residues Removal; Pesticides -nonspecific; Photolysis; Pilot Plants; ...3.0077

EVALUATION OF C-14 DATING OF GROUND WATER ...Aquifers; Carbon; Geochemical Analysis (water); Groundwater; Radiologic Warfare; Water Pollution Sources; ...3.0992

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Absorbed Load; Channels; Chemical Water Properties; Estuaries; Mineralogical Properties; Streams; Tides; Water Pollutants - Path of; ...3.1086

VERIFICATION OF MODELS USED IN THE MANAGEMENT AND CONTROL OF WATER QUALITY ...Disposal Wastes; Effluents - Waste Water; Management (water); Model Studies; Water Quality Control -general; ...3.1127

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Conflicts; Ecological Effects; Electric Power Plants; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...3.1755

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants; Filtration; Model Studies; Power Plants - see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...3.1756

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Model Studies; Nutrients; Physical Water Properties; Primary Productivity - Plants; Statistics; Water Purification; ...3.1768

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing; Temperature; Urban Environment; Water Quality -general; ...3.1769

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation; Water Resources; Transportation; Water Control Works -general; Water Resources Protection; ...3.1928

CHEMICAL WEED CONTROL IN ORNAMENTALS IN WESTERN WASHINGTON ...Aquifoliaceae; Conifers; Granules, Capsules; Ornamentals; Pesticide Application Rates; Pinus (other Specifics); Senecio; Soil Types -also See Specifics; ...4.0510

EFFECTS OF THE CHEMOSTERILANT, TEPA, ON INSECTIVOROUS SONGBIRDS ...Birds; Insect Chemosterilants -ns.; Passeriformes; Population Dynamics -general; ...4.0576

SUBLETHAL AMOUNTS OF ORGANIC INSECTICIDES AND FISH ...Captive Rearing; Carbon; Chemical Analysis; Commercial Fishing; DDT; Fish Food Supply -other; Salmonidae; ...4.0902

PESTICIDE RESIDUES IN FOOD PRODUCTS ...Aldrin; Chemical Analysis; Disulfoton; Lobistae; Moraceae; Pesticide Action on Plants; Pisum; Thimet; Zea Mays - Field Corn; ...4.1902

GLOBAL DISTRIBUTION AND INVENTORY OF SR-90 AND OTHER FISSION PRODUCTS ...Australia; Brazil; Fallout -see Radioactive; Fission Products-see Radioact.; ...5.0982

MECHANISMS OF ENVIRONMENTAL EXPOSURE ...Atomic Plants; Columbia River; Environmental Effects - Human; Radiologic Health; Zinc; ...5.0958

Waste Digestion

ANAEROBIC TREATMENT OF STARCH WASTEWATERS ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Colloidal Phenomena; Flotation; Sedimentation; Waste Management -see Specific; Waste Water Treatment -general; ...3.1212

MICROBIAL INTERACTIONS IN WASTE TREATMENT SYSTEMS ...Anaerobic Wastewater Treatment; Bacterial studies -general; Fermentation; Membranes; Methane Bacteria -nonspecific; Waste Water Treatment -general; ...3.1366

APPLICATION OF SEWAGE SLUDGE TO FIELD CROPS ...Denitrification; Disposal; Microorganisms -nonspecific; Sewage; ...3.1568

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Color; Disinfection; Farm Animal Wastes; Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment - general; ...3.0168

THE BIOCHEMISTRY OF ANAEROBIC DIGESTION ...Anaerobic Bacteria; Anaerobic Wastewater Treatment; Organics; ...3.0228

THERMOPHILIC AEROBIC PROCESS FOR WASTE TREATMENT ...Activated; Aerobic Waste Water Treatment; Mathematical Models; Process Design; Thermophilic Bacteria; Waste Water Treatment -general; ...3.0308

Waste Dilution- Self Purifying

RELATIVE POLLUTION STRENGTHS OF UNDILUTED WASTE MATERIALS DISCHARGED IN HOUSEHOLDS AND THE DILUTION WATER USED FOR EACH ...Public Utilities; Residential Buildings; Sewage; ...3.0090

EXTENT OF LAKE ONTARIO POLLUTION CAUSED BY THE OSWEGO RIVER ...Aquatic Ecology - Animal; Ecological Effects; Lakes; Marine Environments; Pollution Effects -see Water; Range Or Territorial Distr.; ...3.0272

IDENTIFICATION AND CONTROL OF PETROCHEMICAL POLLUTANTS INHIBITORY TO ANAEROBIC TREATMENT ...Anaerobic Wastewater Treatment; Lagoon; Organic Waste -see Waste Treat; Petroleum Wastes - Spillage; Waste Water Degradation; Waste Water Treatment -general; ...3.0851

DEVELOPMENT AND DEMONSTRATION OF MATERIALS TO REDUCE OR ELIMINATE WATER INFILTRATION INTO SEWERAGE ...Costs -see Economics Entries; Groundwater Movement; Infiltration; Materials -properties; Sanitary Sewage Quantity; ...3.1433

AEROBIC DISPOSAL OF ANIMAL WASTES WITH CONTINOUS WATER REUSE ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Farm Animal Wastes; Process Design; Waste Water Degradation; Water Reuse; ...3.0111

Irrigation

EFFECTS OF IRRIGATION OF MUNICIPAL SEWAGE EFFLUENT ON SPOILS BANKS ...Effluents - Waste Water; Mine Wastes; Sewage; Spoil Banks; Strip Mines; Waste Disposal on Soils; Water Pollution Abatement; ...3.1404

SWINE WASTE TREATMENT AND DISPOSAL ...Aeration (water); Animal Wastes - Food Lots; Effluents - Waste Water; Sewage Lagoons; Waste Disposal on Soils; ...3.0038

Lagoon

RADIOECOLOGY OF THE KUCUK CEKMECE LAGOON ...Aquatic Ecology - Animal; Biological Effects; Contamination - Water; Energy Conversion; Lagoons; Radioactive Isotopes; Sediments; Water Pollutants - Path of; ...3.0392

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Activated Sludge; Environmental Hazards; Groundwater; Landfill; Precipitation; Sanitary Sewage Quantity; Sewage Lagoons; Trickling Filters; ...3.0442

BIOLOGICAL PROPERTIES OF SEWAGE LAGOONS AT TUSKEGEE, ALABAMA ...Alabama; Cellular Biosynthesis; Contamination - Water; Microorganisms -nonspecific; Sewage Lagoons; Water Pollutant Identification; Water Pollution Effects; ...3.0468

DETERMINATION OF DEGRADED DYES AND AUXILIARY CHEMICALS IN EFFLUENTS FROM TEXTILE DYEING

PROCESSES ...Chromatography; Dye Wastes; Industrial Wastes; Spectrographic Techniques; Textile Industry; Waste Water Treatment -general; ...3.0555

IDENTIFICATION AND CONTROL OF PETROCHEMICAL POLLUTANTS INHIBITORY TO ANAEROBIC TREATMENT ...Anaerobic Wastewater Treatment; Organic Waste -see Waste Treat; Petroleum Wastes - Spillage; Waste Dilution- Self Purifying; Waste Water Degradation; Waste Water Treatment -general; ...3.0851

TREATMENT OF COAL MINE WATERS TO MEET CURRENT COMMONWEALTH WATER DISCHARGE REQUIREMENTS ...Coal; Pennsylvania; Waste Management -see Specific; Waste Treatment Economics; Water Pollution Sources; ...3.0937

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Effluents - Waste Water; Feces; Soil Chemical Properties; Soil Filters; Soil Structure -other; Waste Disposal on Soils; ...3.1017

TREATMENT OF PEAK WET WEATHER WASTEWATER FLOWS, AND RATE CONTROL OF ALL WASTEWATER DISCHARGES TO INTERCEPTOR SEWERS ...Aeration (water); Infiltration; Overflow -see Fluid Mechanics; Sewage Lagoons; Sewer Systems; Storm Sewer Quantity; Waste Water Treatment -general; ...3.1190

NAVY ENVIRONMENT - THE MICROBIOLOGY OF THE MIDDLE SALT LAGOON AS RELATED TO SEWAGE DISPOSAL ...Arctic; Environment; Polar Regions; Sewage; Sewage Bacteria; Waste Disposal-see Solid Waste; ...3.1200

RECONDITIONING AND REUSE OF FOOD PROCESSING BRINES ...Brines; Canning Wastes -see Food Proc.; Filtration; Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general; Water Reuse; ...3.1217

CATTLE FEEDLOT WASTE WATER TREATMENT ...Aerobic Waste Water Treatment; Agricultural Runoff; Anaerobic Wastewater Treatment; Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Sewage Lagoons; ...3.1274

DISPOSAL OF WASTE FROM SWINE FEEDING FLOORS TO MINIMIZE OR ELIMINATE STREAM POLLUTION ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Septic Tanks; Waste Disposal on Soils; ...3.1291

POLLUTION EFFECTS DETERMINATION ...Water Chemistry; ...3.1317

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Industrial Wastes; Organic Matter; Seepage (water); Sewage Lagoons; Waste Management -see Specific; Water Pollutants - Path of; Water Quality -general; ...3.1360

OPERATIONAL DEMONSTRATION OF OXIDATION DITCH METHOD OF WASTE TREATMENT ...Oxidation; Pond; Process Design; Waste Treatment; Waste Water Treatment -general; ...3.1361

DEMONSTRATING THE EFFECT OF NUTRIENTS IN OXIDATION POND RECEIVING STREAMS ...Biochemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Pond; Waste Water Treatment -general; ...3.1383

POLLUTION PREVENTION BY AERATION OF FRUIT PROCESSING WASTES ...Activated; Aerobic Bacteria; Biochemical Oxygen Demand; Food Processing Industries; Plant Waste Removal, Treatment; Waste Drying; ...3.1449

SWINE WASTE TREATMENT AND DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Effluents - Waste Water; Irrigation; Sewage Lagoons; Waste Disposal on Soils; ...3.0058

DEVELOPMENT OF WASTE STABILIZATION LAGOONS FOR APPLICATION IN ALASKA ...Alaska; Meteorological Extremes; Pilot Plants; Seasonal Studies; ...3.0061

SUBARCTIC AERATION LAGOON INVESTIGATIONS, BIOKINETIC REQUIREMENTS AND SEASONAL AND DURNAL EFFECTS ON NUTRIENT BALANCE ...Aeration (water); Alaska; Military Aspects; Nutrients; Pilot Plants; Waste Treatment Economics; ...3.0062

AERATED LAGOONS & ANAEROBIC REACTORS - A FIELD & LAB STUDY OF THEIR EFFICIENCIES & DESIGN PRINCIPLES IN SEWAGE TREATMENT ...Aeration (water); Anaerobic Wastewater Treatment; Farm Animal Wastes; Process Design; Sewage Lagoons; ...3.0083

EVALUATION OF THE APPLICABILITY OF AERATED LAGOONS FOR SEWAGE TREATMENT ON THE CANADIAN PRAIRIES ...Activated; Aeration (water); Canada; Economic Efficiency; Sewage - Domestic; Sewage Lagoons; Waste Treatment Economics; ...3.0090

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Eutrophication; Florida; Lagoons; Pipe; Sanitary Sewage Quantity; Sewage - Domestic; Sub - Tropic Regions; Water Pollution Abatement; ...3.0109

DESIGN AND OPERATION CRITERIA FOR AN ANAEROBIC LAGOON FOR SWINE WASTE ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Piedmont Province; Sewage Lagoons; Water Reuse; ...3.0113

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Biochemical Oxygen Demand; Environment Resistance-animals; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage Lagoons; Space Requirements; Taste & Odor of Water; ...3.0132

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Chemical Oxygen Demand; Farm Animal Wastes; Noise -see Noise; Recycle Water; Sus; ...3.0145

LAGOONS FOR DISPOSAL OF BARN YARD WASTES ...Aeration (water); Bos; Effluents - Waste Water; Farm Animal Wastes; Microorganisms -nonspecific; Sewage Lagoons; Taste & Odor of Water; ...3.0152

IMPROVE METHODS, EQUIPMENT & FACILITIES FOR HANDLING WASTE MATERIAL FROM LIVESTOCK MARKETS & FEEDLOT ...Agricultural Runoff; Costs -see Economics Entries; Farm Animal Wastes; Taste & Odor of Water; Water Costs; ...3.0203

MACRO-FAUNA IN WASTE STABILIZATION LAGOONS ...Animal Habitat Studies; Aquatic Ecology - Animal; Organic Matter; Sewage Lagoons; Waste Water Degradation; ...3.0283

FARM WASTE DISPOSAL ...Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Farm Animal Wastes; Irrigation; Model Studies; Physical Models; Sewage Lagoons; Tennessee; ...3.0316

ECONOMIC OPTIMIZATION OF SECONDARY TREATMENT AND DETERMINATION OF LOAD TO CONTROL BIOLOGICAL GROWTHS IN A STREAM ...Aeration (water); Optimization, Economic; Secondary Treatment; Waste Treatment Economics; ...3.0336

LAGOONS FOR DAIRY FARMS ...Animal Wastes - Feed Lots; Bacterial Studies -general; Cellular Catabolism-see Degrad; Farm Animal Wastes; Temperature - Air; Waste Water Treatment - general; Water Reuse; ...3.0338

Lake

AIR PHOTO ANALYSIS OF OCEAN OUTFALL DISPERSION ...Aerial Photography -see Photo.; Currents (water); Industrial Wastes; Marine Environments; Sewage; Surveying; ...3.0741

Ocean

RADIOELEMENT STUDIES IN THE OCEANS ...Activation Analysis; Animal Productivity; Circulation - Patterns; Emission Spectroscopy; Isotope Tracer -see Tracers; Marine Geology; Ocean Circulation -general; Radioactive Fallout; Radioactivity; ...3.0187

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Gases; Marine Biology - General; Marine Environments; Mass Spectroscopy; Organic Water Properties; Particle - Gas Transfer; Radioactivity; Waste Management -see Specific; ...3.0564

AIR PHOTO ANALYSIS OF OCEAN OUTFALL DISPERSION ...Aerial Photography -see Photo.; Currents (water); Industrial Wastes; Lake; Marine Environments; Sewage; Surveying; ...3.0741

GEOSECS - AUTOMATED NUTRIENT ANALYSES AND MEASUREMENT OF ORGANIC CARBON ...Carbon; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Primary Productivity - Plants; Sea Water Chemistry; Sea Water Properties; ...3.0742

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...3.0973

COASTAL DIFFUSION OF POLLUTANTS ...Industrial Wastes; Ocean Currents; Oregon; Physical Models; Pulp and Paper Wastes; Wind; ...3.1084

TERTIARY TREATMENT IN THE PURIFICATION OF WASTE WATER ...Activated Sludge; Alum Waste Water Treatment; Denitrification -see Nitrogen; Septic Tanks; Trickling Filters; Waste Water Treatment -general; ...3.1180

EDDY DIFFUSION AND BACTERIAL REDUCTION IN WASTE FIELDS ...Bacteria; Coliforms -nonspecific; Light; Marine Plants; Optical Properties of Water; Waste Treatment - Radiation; ...2.1181

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Chemical Analysis -general; Dispersion (water); Effluents - Waste Water; Industrial Wastes; Marine Photography- Television; Oregon; Pulp and Paper Wastes; Sea Water Sampling; Surveying; ...2.1678

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...California; Data Reduction and Analysis; Fluid Mechanics; Ocean Waves -see Waves; Pacific Ocean; Salinity; Sewer Systems; Thermal Properties; ...3.0068

Pond

REUSE OF PLANT EFFLUENT AND COOLING WATER BLOWDOWN AS PROCESS WATER ...Activated; Biochemical Oxygen Demand; Chemical Oxygen Demand; Digestion; Sewer Systems; Water Reuse; ...2.0924

THE REMOVAL OF IMPURITIES IN TRICKLING FILTER EFFLUENTS ...Coagulation, Electrophoresis; Tertiary Treatment; Types of Resources; Zeta Potential; ...2.0944

OPTIMUM DESIGN OF WASTE STABILIZATION PONDS ...Dispersion (water); Dyes; Inlets; Model Studies; Outlets; Sewage Lagoons; Utah; ...2.1114

SHALLOW GROUND-WATER FLOW SYSTEMS IN RELATION TO INDUSTRIAL AND MUNICIPAL WATER SUPPLY AND WASTE DISPOSAL REQUIREMENTS ...Canning Wastes -see Food Proc.; Farm Animal Wastes; Groundwater Movement; Pulp and Paper Wastes; Soil Tillage; Urban Research -general; ...2.1138

EVALUATION OF AN OXIDATION DITCH WASTEWATER TREATMENT PLANT IN SUB-ARCTIC ALASKA ...Alaska; Biological Treatment -general; Mathematical Models; Meteorological Extremes; Oxygen; Sub - Polar Regions; Waste Treatment Economics; ...2.1150

ENTERIC VIRUS REMOVAL FROM SEWAGE STABILIZATION PONDS ...Model Studies; Pilot Plants; Sewage Lagoons; Sewage Treatment Plant; Viral Pollutant Sources; Waste Water Treatment -general; ...2.1167

ANTELOPE VALLEY WASTE WATER RECLAMATION FACILITY ...Effluent standards; Filters-filtration; Flocculation; Impaired Water Use; Sewage Lagoons; ...2.1179

PRACTICALITY OF CHLORINATING ALGAE-LADEN EFFLUENTS FROM STABILIZATION PONDS ...Algae -nonspecific; Chlorination; Disinfection; Organics; Sewage Lagoons; Water Pollutant Identification; ...2.1198

STABILIZATION POND OPERATION IN TROPICAL AREAS ...Algae -nonspecific; Nitrogen and Nitrogen Cpds.; Sewage Lagoons; Waste Management -see Specific; Water Depth; Water Levels; ...2.1216

BIOLOGICAL ASPECTS OF TERTIARY PONDS ...Contamination - Water Effluents - Waste Water; Phytoplankton; Protozoa; Sewage; Sewage Bacteria; Tertiary Treatment; ...2.1250

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Atomic Absorption; Lead; Mineralogy; Ore Deposits; Precipitation; Waste Water Treatment -general; X-ray Spectroscopy; ...2.1322

OPERATIONAL DEMONSTRATION OF OXIDATION DITCH METHOD OF WASTE TREATMENT ...Lagoon; Oxidation; Process Design; Waste Treatment; Waste Water Treatment - general; ...2.1361

DEMONSTRATING THE EFFECT OF NUTRIENTS IN OXIDATION POND RECEIVING STREAMS ...Biochemical Oxygen Demand; Lagoon; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Waste Water Treatment - general; ...2.1383

A STUDY OF SOME OF THE FACTORS WHICH INFLUENCE THE EFFICIENCY OF OXIDATION PONDS IN THE TERTIARY TREATMENT OF WASTE WATER ...Oxidation; Tertiary Treatment; Texas; Waste Water Treatment -general; ...2.1420

THERMODYNAMICS OF WASTE STABILIZATION PONDS ...Functions and Properties; Model Studies; Photosynthesis; ...2.1436

RESEARCH AND REFERENCE TO SEWAGE EFFLUENT PONDS ...Activated Sludge; Biochemical Oxygen Demand; Linings - Pavings; Waste Water Treatment -general; ...2.1457

EFFECTS OF HEAVY METALS ON ALGAL GROWTH AND ORGANIC REMOVAL EFFICIENCY IN STABILIZATION PONDS ...Industrial Wastes; Organic Waste -see Waste Treat; Oxygention; Sewage - Domestic; Waste Management -see Specific; ...3.0170

STORAGE AND DISPOSAL OF WASTES RESULTING FROM THE CONCENTRATION OF LOW GRADE IRON ORE ...Disposal Wastes; Iron; Management (water); Michigan; Tertiary Treatment; Water Reuse; ...3.0189

WASTE TREATMENT FACILITIES DEMONSTRATION ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Livestock -nonspecific; Pilot Plants; Red River; ...3.0288

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

Streams & Rivers

AIR PHOTO ANALYSIS OF OCEAN OUTFALL DISPERSION ...Aerial Photography -see Photo.; Currents (water); Industrial Wastes; Lake; Marine Environments; Sewage; Surveying; ...2.0741

LIMNOLOGICAL INVESTIGATIONS OF TEXAS IMPOUNDMENTS FOR WATER QUALITY MANAGEMENT PURPOSES ...Chemical Water Properties; Eutrophication; Nutrients; Water Quality -general; Water Supply Augmentation; ...2.0812

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF MIXING ZONE FOR WASTE EFFLUENTS DISCHARGED INTO STREAMS OR RIVERS ...Coastlines - Shorelines; Effluents - Waste Water; Lakes; Outlets; ...2.0861

PHOTOSYNTHETIC REAERATION IN THE UPPER PASSAIC RIVER ...Aeration (water); Chemical Treatment (water); New Jersey; Oxygen Content (water); Photosynthesis; Water Purification; ...2.1056

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Treating; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...California; Data Reduction and Analysis; Fluid Mechanics; Ocean; Ocean Waves -see Waves; Pacific Ocean; Salinity; Sewer Systems; Thermal Properties; ...3.0068

Waste Disposal on Soils

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Baseflow; Forecasting - Prediction; Model Studies; Reservoirs and Impoundments; Rural Areas; Soil Chemical Properties; Water Table; ...2.0046

VEGETATIVE STABILIZATION OF MINE TAILINGS, WASTES, AND SPOILS ...Climates -general; Gramineae -other; Mineral Nutrition; Oil Shale; Setaria; Soil Chemical Properties; Spoil Banks; ...2.0077

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Animal Wastes - Feed Lots; Contamination - Soil; Fertilizers; Nutrients; Percolation (water); Soil Analysis; Soil Minerals -natural; Water Pollutants - Path of; ...2.0081

WATER POLLUTION FROM SANITARY LANDFILLS ...Groundwater; Landfills -see Water Pollution; Massachusetts; New Hampshire; Sanitary Landfills; Solid Waste; ...2.0181

NITRATES IN WATER SUPPLIES ...Animal Wastes - Feed Lots; Fertilizers; Soil Analysis; Soil Chemical Properties; Water Supply -general; ...2.0222

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Contamination - Soil; Farm Animal Wastes; Groundwater; Snowmelt Runoff; Soil Microbiology; Urine; Water Pollutants - Path of; ...2.0242

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL ...Computer Methods -general; Contamination; Development of Models; Forecasting - Prediction; Land Use; Mathematical Models; Model Studies; Water Quality Control -general; ...2.0343

WATER QUALITY HYDROLOGY OF LANDS RECEIVING FARM ANIMAL WASTES ...Agricultural Runoff; Bos; Farm Animal Wastes; Plowing; ...2.0379

DISPOSAL OF PAPER MILL EFFLUENT THROUGH IRRIGATION OF BOTTOMLAND HARDWOOD UNDER LOUISIANA CONDITIONS ...Disposal Wastes; Forest Environment -general; Industrial Wastes; Irrigation; Louisiana; Pulp and Paper Wastes; Water Quality Control -general; ...3.0605

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...3.0829

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste, Water Table; ...2.0986

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Leaching; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Filters; Soil Organic Content; Soil Texture; ...2.0988

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Contamination; Groundwater Movement; Landfill; Sanitary Landfills; ...2.1007

IMPROVING THE QUALITY OF OUR WATER RESOURCES ...Adsorption; Filtration; Pesticides -see Pesticide; Water Pollutants - Path of; ...2.1015

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Effluents - Waste Water; Feces; Lagoon; Soil Chemical Properties; Soil Filters; Soil Structure -other; ...2.1017

THE INFLUENCE OF SOILS ON POLLUTION ...Adsorption; Drainage; Nutrients; Pesticide Degradation -see Deg; Pesticides - nonspecific; Soil Fertility; Water Pollutants - Path of; ...2.1046

ANIMAL WASTE UTILIZATION FOR POLLUTION ABATEMENT ...Agricultural Runoff; Farm Animal Wastes; Livestock - nonspecific; Soil Microbiology; ...2.1053

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Water Storage; ...2.1152

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff; Arizona; Impaired Water Use; Irrigation; Parks; Runoff (water); Turf; ...2.1156

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

MYCOLOGICAL PHENOMENA IN SEWAGE SPREADING BASINS ...Activated; Cellular Catabolism-see Degrad; Environmental Factors; Sewage; Soil Bacteria; Soil Microbiology; ...2.1185

ECOLOGICAL AND PHYSIOLOGICAL IMPLICATIONS OF GREENBELT IRRIGATION ...California; Fire Prevention; Groundwater; Irrigation; Plant Ecology -nonspecific; Sewage; ...2.1189

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Glaciology; Groundwater; Lysimeters; Ponds; Soil Moisture; Soil Types -also See Specifics; Till; Water Pollutants - Path of; ...2.1285

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Animal Wastes - Feed Lots; Chemical Analysis (water); Escherichia Coli; Farm Animal Wastes; Lysimeters; Physical Models; Salmonella -nonspecific & - ot.; ...2.1288

DISPOSAL OF WASTE FROM SWINE FEEDING FLOORS TO MINIMIZE OR ELIMINATE STREAM POLLUTION ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Septic Tanks; ...2.1291

FORAGE CROP IRRIGATION WITH OXIDATION POND EFFLUENT ...Agricultural Runoff; Coliforms -nonspecific; Furrow Irrigation; Mississippi; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sorghum; Storm Water; Water Table; ...2.1316

PIPELINE TRANSPORT OF SLUDGE ...Landfill; Pilot Plants; Pipe; Soil Amendments; Strip Mines; Waste Management -see Specific; West Virginia; ...3.1373

AUTOMATED SYSTEM FOR WATER POLLUTION CONTROL FROM AN ANIMAL PRODUCTION UNIT ...Animal Wastes - Feed Lots; Farm Animal Wastes; Sus; ...2.1378

EFFECTS OF IRRIGATION OF MUNICIPAL SEWAGE EFFLUENT ON SPOILS BANKS ...Effluents - Waste Water; Irrigation; Mine Wastes; Sewage; Spoil Banks; Strip Mines; Water Pollution Abatement; ...2.1404

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Groundwater; Mineralogical Water Properties; Sprinkler Irrigation; Water Application Methods; Water Quality Control -general; ...2.1418

IRRIGATION OF CITRUS WITH WASTE WATER ...Absorption (incl. Adsorption); Citrus; Food Processing Industries; Industrial Wastes; Irrigation; Sewage; Water Application Methods; ...2.1526

APPLICATION OF SEWAGE SLUDGE TO FIELD CROPS ...Denitrification; Disposal; Microorganisms -nonspecific; Sewage; Waste Digestion; ...2.1548

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content, Tillage, Cropping Systems; Waste Water Treatment - general; Water Pollution Effects; ...2.1665

EFFECTS OF SUGAR REFINING LOGOON EFFLUENTS ON FARGO CLAY ...Biochemical Oxygen Demand; Chemical Effects; Effluents - Waste Water; Infiltration; Sewage Lagoons; Tillage, Cropping Systems; ...2.1666

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; ...2.1839

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Industrial Wastes; Irrigation; Legal Studies; Sanitary Landfills; State Government; Water Quality -general; Water Rights; Water Utilization -domestic; ...2.1862

EFFECTS OF GARBAGE COMPOST ON SOIL AND CROP PRODUCTION ...Avena Sativa; Plant Waste Removal, Treatment; Soil - Crop Relationships; Soil Chemical Properties; Soil Microbiology; Soil pH; ...3.0003

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Animal Wastes - Feed Lots; Contamination - Soil; Cynodon; Farm Animal Wastes; Fertilizer Toxicity; Groundwater; Rain; Soil Chemical Properties; ...3.0005

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Flume Studies; Irrigation; Planting Methods; Rock - Soil Pollution; Soil Chemical Properties; Soil Profile; ...3.0008

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Erosion; Gramineae -other; Leguminosae; Mine Wastes; Soil Chemical Properties; Soil Fertility; Soil Moisture; Water Pollution Sources; ...3.0029

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

CONSERVATION OF RESOURCES IN MUNICIPAL WASTES ...Bromacil; Cotoran; Pennisetum; Plant Residues; Humus; Compost; Soil - Crop Relationships; Soil Cover Crops; Trifluralin; ...3.0046

IMPROVEMENT OF CEREAL GRAINS UNDER IRRIGATION ...Avena Sativa; Heat Resistance; Irrigation; Moisture Deficiency; Soils; Triticum; ...3.0047

SWINE WASTE TREATMENT AND DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Effluents - Waste Water; Irrigation; Sewage Lagoons; ...3.0058

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Agricultural

Runoff; Farm Animal Wastes; Irrigation; Taste & Odor of Water; Waste Treatment Economics; Water Pollution Sources; ...3.0060

SOIL AND WATER MANAGEMENT SYSTEMS FOR DISPOSAL OF DAIRY AND POULTRY WASTES ...Animal Wastes - Feed Lots; Denitrification; Groundwater; Soil Organic Content; ...3.0076

NITRATE POLLUTION FROM DISPOSAL OF DAIRY WASTE ...Animal Wastes - Feed Lots; Drainage; Groundwater; Mineral Nutrition; Soil Profile; ...3.0077

WASTE COMPOSTS AS CHELATING AGENTS IN PLANT NUTRITION ...Absorption (incl. Adsorption); Chromatography; Mineral Nutrition, Soil - Crop Relationships; Zinc; ...3.0091

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Water Table; ...3.0093

WASTE DISPOSAL IN RURAL AREAS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Connecticut; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rural Areas; Septic Tanks; Water Pollutant Identification; ...3.0098

SPRAY SYSTEM FOR DAILY REMOVAL OF LIQUID COW MANURE ...Agricultural Studies -general; Farm Animal Wastes; Microorganisms -nonspecific; Sprinkler Irrigation; ...3.0099

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Groundwater; Illinois; Leaching; Soil Tillage; ...3.0133

LIVESTOCK WASTE TREATMENT AND DISPOSAL ...Aeration (water); Anaerobic Wastewater Treatment; Antibiotics -nonspecific; Feces; Noise -see Noise; Sewage Lagoons; ...3.0141

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Chemical Oxygen Demand; Farm Animal Wastes; Lagoon; Noise -see Noise; Recycle Water; Sus; ...3.0145

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Clay Soils; Farm Animal Wastes; Irrigation; Livestock -nonspecific; Poultry -nonspecific; Silty Soils; Soil Types -also See Specifics; Zea Mays - Field Corn; ...3.0147

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Bos; Irrigation; Rainfall - Runoff Relationship; Soil Fertility; Water Wells; ...3.0148

DEMONSTRATION AND DEVELOPMENT OF FACILITIES FOR THE TREATMENT AND ULTIMATE DISPOSAL OF CATTLE FEEDLOT WASTES ...Agricultural Runoff; Animal Wastes - Feed Lots; Rainfall - Runoff Relationship; Sewage Lagoons, Sprinkler Irrigation; ...3.0149

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Agricultural Runoff; Bos; Farm Animal Wastes; Poultry -nonspecific; ...3.0156

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Animal Wastes - Feed Lots; Chlorine; Farm Animal Wastes; Lysimeters; Percolation (water); Sprinkler Irrigation; Water Application Methods; ...3.0166

THERMOPHILIC METABOLISM IN SOLID SUBSTRATES ...Aerobic Waste Water Treatment; Degradation; Landfills -see Water Pollution; Solid Waste; Urban Research -general; ...3.0188

ANIMAL WASTE MANAGEMENT STUDY ...Environmental Effects - Human; Farm Animal Wastes; Sanitation; Sprinkler Irrigation; Waste Water Treatment -general; ...3.0191

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Climates -general; Farm Animal Wastes; Microorganisms - nonspecific; Solid Waste; ...3.0197

DEVELOPMENT OF EQUIPMENT AND TECHNIQUES FOR CROP RESIDUES ...Gossypium; Loam -see Soil Types; Plant Residues, Humus, Compost; Population Dynamics -general; Soil Moisture; Soil Tillage; ...3.0201

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

VOLUME REDUCTION AND STABILIZATION OF WASTES FROM SWINE ...Animal Wastes - Feed Lots; Bacteria -nonspecific; Biochemical Oxygen Demand; Farm Animal Wastes; Fungi -nonspecific; Landfill; Nitrogen and Nitrogen Cpds.; ...3.0216

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; ...3.0217

SOLID AND LIQUID WASTES ...Activated Sludge; Flocculation; Salmonella -nonspecific & -ot.; Solid Waste; Waste Water - general; ...3.0219

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Anseriformes; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Detergents -see Surfactants; Feces; Poultry -nonspecific; Salmonella -nonspecific & -ot.; ...3.0220

HANDLING AND DISPOSAL OF POULTRY MANURE ...Farm Animal Wastes; Plowing; Poultry -nonspecific; ...3.0221

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types - also See Specifics; ...3.0223

CELLULOSE DEGRADATION IN COMPOSTING ...Plant Residues, Humus, Compost; Soil Environment -other; Soil Microbiology; Soil Organic Content; Urban Environment; ...3.0229

HANDLING AND DISPOSAL OF POULTRY WASTES ...Aeration; Animal Wastes - Feed Lots; Farm Animal Wastes, Northeast U.S.; ...3.0234

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Animal Wastes - Feed Lots; Denitrification; Lime Treatment; Soil Microbiology; ...3.0237

POULTRY MANURE PROPERTIES, HANDLING AND DISPOSAL ...Animal Wastes - Feed Lots; Disposal; Farm Animal Wastes; Feces; Gallus Domesticus; Waste Type; ...3.0240

ANIMAL WASTE COMPOSTING WITH CARBONACEOUS MATERIAL ...Farm Animal Wastes; Mineral Nutrition; Panicum -other; Plant Residues, Humus, Compost; Soil Amendments; Triticum; ...3.0252

ULTIMATE DISPOSAL OF SLUDGES BY SURFACE SPREADING ...Dewatering; Disposal; Oxidation; Percolation (water); Pipelines; Soil Microbiology; Soil Types -also See Specifics; ...3.0259

HEAT TRANSFER STUDIES ON SLUDGE SUSPENSION ...Digestion; Disposal; Fluid Mechanics; Heat Transmission; Pipelines; Soil Amendments; Solid Waste; ...3.0263

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bos, Drainage; Effluents - Waste Water; Lysimeters; Rural Areas; Sewage; Soil Aeration; Soil pH; Water Distribution Systems; ...3.0265

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Groundwater; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Trickling Filters; Water Quality Control -general; ...3.0279

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Costs - see Economics Entries; Hydrogenation; Industrial Wastes; Plant Waste Removal, Treatment, Product Development Research; Soil Amendments; ...3.0281

FEED AND WASTE HANDLING IN THE DAIRY OPERATION ...Animal Wastes - Feed Lots; Linings - Pavings; Sprinkler Irrigation; Water Movement -general; ...3.0295

SUBSURFACE DISPOSAL OF ANIMAL MANURE ...Animal Wastes - Feed Lots; Chlorine; Denitrification; Farm Animal Wastes; Feces; Plant Tissue Analysis -chem.; Soil Fertility; Waste Disposal, Underground; ...3.0296

AGRICULTURAL WASTES - POULTRY MANURE DISPOSAL AND USE ...Economic Feasibility; Gallus Domesticus; Microorganisms -nonspecific; Phaseolus; Soil pH; Vegetables; ...3.0297

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0298

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Structure -other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Costs -see Economics Entries; Food Processing Industries; Industrial Wastes; Plant Waste Removal,

Treatment; South Carolina; Waste Water Treatment -general; ...3.0311

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Contamination - Soil; Farm Animal Wastes; Groundwater; Playas; Rock - Soil Pollution; Soil Microbiology; Sorghum; Water Pollutants - Path of; ...3.0320

SOIL TREATMENT OF CATTLE FEEDLOT RUNOFF ...Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Rainfall - Runoff Relationship; Water Quality Control -general; ...3.0322

PHYSICAL PROPERTIES OF THE SOILS OF VIRGINIA ...Atlantic Coastal Plain; Piedmont Province; Soil Moisture; Soil Profile; Soil Texture; Urban Environment; ...3.0329

UTILIZATION OF FOOD PROCESSING PLANT EFFLUENTS AND THEIR EFFECTS ON SOILS AND CROPS ...Chemical Analysis (water); Food Processing Industries; Mineral Nutrition; Plant Response to Env. -ns; Plant Waste Removal, Treatment; Soil Chemical Properties; ...3.0335

LAGOONS FOR DAIRY FARMS ...Animal Wastes - Feed Lots; Bacterial Studies -general; Cellular Catabolism-see Degrad. Farm Animal Wastes; Lagoon; Temperature - Air; Waste Water Treatment -general; Water Reuse; ...3.0338

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Aerobic Bacteria; Farm Animal Wastes; Feces; Poultry -nonspecific; Soil Chemical Properties; ...3.0342

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Agricultural Runoff; Animal Wastes - Feed Lots; Farm Animal Wastes; Poultry -nonspecific; Sewage Lagoons; Staphylococcus Epidermidis; ...3.0348

BROILER MANAGEMENT ...Aflatoxins; Gallus Domesticus; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; ...3.0358

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; Zinc; ...3.0359

EFFECTS OF GARBAGE COMPOST ON SOIL PROCESSES ...Florida; Nitrification; Soil Amendments; Soil Microbiology; Soil Organic Content; ...3.0366

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

A NEW PRACTICAL APPROACH TO DAIRY WASTES ...Bacteria; Farm Animal Wastes; Impaired Water Use; Water Quality Control -general; ...3.0392

CONVERSION OF POULTRY MANURE TO USEFUL PRODUCTS ...Coronilla; Farm Animal Wastes; Fertilizer Industry; Mineral Nutrition; Roads & Highways -see Highways; Soil Amendments; Soil Microbiology; ...3.0399

STABILIZING SANITARY LANDFILLS BY INJECTION GROUTING ...Ceramics; Engineering Mechanics; Landfills -see Water Pollution; Materials -properties; ...3.0405

EQUIPMENT AND METHODS FOR DECONTAMINATION OF AGRICULTURAL LANDS CONTAMINATED BY RADIOACTIVE FALLOUT ...Deep Plowing; Plowing; Radioactive Contamination; Seedbed Preparation; Soil Chemical Properties; Soil Depth; Soil Tillage; ...5.0355

Waste Disposal-see Solid Waste

PARTIAL SUPPORT OF THE COMMITTEE ON GEOLOGICAL SCIENCES ...Committee Support; Geology -general; Seismology; ...1.0485

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Baseflow; Forecasting - Prediction; Model Studies; Reservoirs and Impoundments; Rural Areas; Soil Chemical Properties; Waste Disposal on Soils; Water Table; ...2.0046

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

RADIOCARBON AS A TRACER IN GROUND WATER PROBLEMS ...Aquifers; Carbon - 14 Dating; Groundwater Movement; Permeability; Radioisotopes; Recharge (water); ...2.0475

AN INVESTIGATION OF FACTORS RELATIVE TO GROUNDWATER RECHARGE IN IDAHO ...Groundwater; Idaho; Natural Recharge; Water Purification; ...2.0572

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Water Resources Planning; ...2.0592

UPPER DELAWARE WASTE ASSIMILATIVE CAPACITY MODEL ...Acidity (water); Biological Water Properties; Delaware River; New Jersey; Sewage - Domestic; ...2.0678

AIR PHOTO ANALYSIS OF OCEAN OUTFALL DISPERSION ...Aerial Photography -see Photo.; Currents (water); Industrial Wastes; Lake; Marine Environments; Sewage; Surveying; ...2.0741

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Water Table; ...2.0986

INVESTIGATION OF PERMEABILITY OF FINE GRAINED GLACIAL SEDIMENTS IN RELATION TO WASTE DISPOSAL IN ILLINOIS ...Aquifers; Drainage; Illinois; Land Use; Permeability; Till; Water Quality Control -general; ...2.1006

DISPOSAL OF HEATED WATER THROUGH GROUND WATER SYSTEMS ...Economic Studies -general; Groundwater; Mathematical Models; Physical Models; Thermal Pollution; Water Wells; ...2.1025

THE DIFFUSION COEFFICIENT IN OPEN CHANNEL FLOW ...Channel Geometry; Dispersion (water); Fluid Mechanics; Flume Studies; Mathematical Models; Sedimentation; Streams; ...2.1028

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Aquifers; Cultural Control; Eutrophication; Landfill; Nutrients; Sanitary Landfills; ...2.1047

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Data Reduction and Analysis; Forecasting - Prediction; Groundwater; Land Use; Mans Pollutional Activities; Sewage; Water Quality -general; ...2.1054

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Water Supply -general; Watersheds; ...2.1089

DISPOSAL OF SLUDGE FROM ACID MINE DRAINAGE TREATMENT PLANTS ...Acid Mine Wastes; Aeration (water); Agricultural Runoff; Infiltration; Neutralization; Sprinkler Irrigation; ...2.1090

NAVY ENVIRONMENT - THE MICROBIOLOGY OF THE MIDDLE SALT LAGOON AS RELATED TO SEWAGE DISPOSAL ...Arctic; Environment; Lagoon; Polar Regions; Sewage; Sewage Bacteria; ...2.1200

INDIVIDUAL WASTE DISPOSAL SYSTEMS ...Aeration (water); Effluent-standards; Pipe; Sewer Maintenance; ...2.1205

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations; Drainage; Sewage; Storm Water; Urban Planning; Urban Research -general; Water Quality Control -general; Water Supply -general; ...2.1224

CRITERIA FOR WASTE-DISPOSAL SITES IN THE KANSAS RIVER VALLEY ...Alluvium - Alluvial; Chemical Analysis (water); Kansas; Scouring; Water Depth; Water Levels; Water Table; ...2.1273

TRANSPORT AND FATE OF POLLUTANTS IN SOIL ...Fluid Mechanics; Porous Filters; Soil Filters; Water Reuse; ...2.1295

HYDROGRAPHY OF NEW YORK BIGHT IN RELATION TO OFFSHORE WASTE DISPOSAL ...Atlantic Ocean; Density; New Jersey; Ocean Hydrodynamics; Salinity; Temperature; Water Movement -general; ...2.1332

BRINE DISPOSAL DESIGN METHODOLOGY FOR ADVANCED WASTE TREATMENT ...Brines; Evaporation; Ponds; Sewage Lagoon; Waste Water Treatment -general; ...2.1341

COORDINATED MANAGEMENT AND DESIGN OF METROPOLITAN AREA WATER SUPPLY AND WASTE WATER DISPOSAL NETWORKS - A LINKED SYSTEMS

ANALYSIS ...Management (water); Model Studies; Optimization, Economic; Sewer Systems; Systems Analysis - Water Mgmt; Urban Research -general; Water Distribution Systems; ...2.1349

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Benthic Organisms -nonspecific; Disposal; Harbors; Industrial Wastes; Marine Biology - General; Marine Pollution; Ocean Dumping; Sea Water Properties; Solid Waste; ...2.1353

DEVELOPMENT OF CRITERIA FOR REGIONALIZATION OF WATER WASTES MANAGEMENT SYSTEMS ...Administrative Organizations; Management (wate); Social Aspects; Water Costs; Water Standards & Baselines; ...2.1403

TOCKS ISLAND REGION ENVIRONMENTAL STUDY (TIRES) ...Delaware River; Federal Government -see Gov.; Government - see Federal Gov.; Sewer Systems; Water Resources Planning; Water Supply Development; ...2.1408

PHOSPHORUS REMOVAL AND DISPOSAL FROM MUNICIPAL WASTEWATER ...Denitrification -see Nitrogen; Sewage - Domestic; Waste Treatment Economics; ...2.1429

A STUDY OF NATIONAL POLICY ALTERNATIVES FOR URBAN WATER MANAGEMENT ...Benefit-cost Analysis; Literature Search; Management (water); Urban Environment; Water Costs; Water Resources Planning; ...2.1438

PROCESSING RETORTING WASTE WATERS ...Chemical Manufacturing Wastes; Oil Removal; Oil Shale; Petroleum Wastes - Spillage; Process Design; Waste Material Recovery; ...2.1464

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Storm Water; Water Supply -general; ...2.1823

NORTHEAST VIRGINIA ...Alluvium - Alluvial; Chemical Properties; Environmental Geology; Land Use; Mineralogical Properties; Piedmont Province; Sands & Gravels; Specific Rock Unit; Urban Planning; Urban Research -general; Waste Disposal on Soils; ...2.1839

DEVELOPING BROADLY COHERENT MULTIDISCIPLINARY RESEARCH AND GRADUATE TRAINING PROGRAMS IN ENVIRONMENTAL QUALITY ...Conservation -see Soil Conser.; Plant Ecology -nonspecific; Soil Tillage; Training Grants, Fellowships; ...2.1853

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Floods; Inventories; Minnesota; Recreation, Water Resources; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1859

GOVERNMENTAL AND PRIVATE SERVICES ...Air Pollution; Consultants, Advisory Services, Groundwater; Solid Waste Management; Waste Management -see Specific; Water Quality Control -general; ...2.1871

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries; General Recreation Studies, Long Island Sound; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Resources Planning; ...2.1880

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Delaware River; Effluents - Waste Water; Estuaries; Industrial Wastes; Sedimentation; Water Resources Development; Water Utilization -general; ...2.1903

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Easements - Right of Ways; Land Use; Pennsylvania; Storm Water; Urban Research -general; Water Resources Planning; Water Supply Development; ...2.1906

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Cost-benefit Analysis; Land Use; Optimization, Economic; Recreation, Outdoor; Texas; User Characteristics -rec.; Water Resources Planning; Water Resources Protection; ...2.1920

APPLICABILITY OF ARDOX CATALYSTS TO THE OXIDATION OF MUNICIPAL SEWAGE EFFLUENTS AND OF WASTES PRODUCED DURING MANNED SPACE FLIGHT ...Catalysts; Catalytic; Effluent-standards; Sewage - Domestic; Sewer Systems; Solid Waste Management; ...3.0052

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Alkalinity (water); Bacterial Studies -general; Coliforms - nonspecific; Farm Animal Wastes; Farm Pond; Mineralogical Water Properties; Sewage Lagoons; Streptococcus Fecalis; ...3.0059

WATER AND WASTE MANAGEMENT (MUST) ...Cold Climates; Hospitals; Sanitation; Water Pollution Sources; Water Quality Control -general; Water Supply Development; ...3.0064

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ...Building Design; Coastlines - Shorelines; Economic Planning; Mathematical Models; Planning; Regional Economics; Urban Planning; Water Quality -general; ...3.0084

NATIONAL CONFERENCE ON SOLID WASTES DISPOSAL SITES ...Disposal; Federal Government -see Gov.; Government - see Federal Gov.; Management (water); Sanitary Landfills; Urban Environment; ...3.0120

A METHOD OF MANURE DISPOSAL FOR A BEEF PACKING OPERATION ...Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Feces; Illinois; Solid Waste; ...3.0121

DECISION MAKING AND SOLID WASTE DISPOSAL ...Disposal; Solid Waste; ...3.0122

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Farm Animal Wastes; Poultry -nonspecific; Sus; ...3.0143

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology; Geological Exploration; Lead; Massachusetts; Rocks - Bedrock; Streams; Surveying; ...3.0162

ENVIRONMENTAL SYSTEMS PROGRAM ...Administration and Management; Environmental Hazards; Fiscal Analysis -general; Mathematical Analysis; Political Processes & Systems; Urban Research -general; ...3.0173

INVESTIGATION OF NEW WASTE DISPOSAL/SANITATION TECHNIQUES FOR GARRISON FOOD SERVICE ...Food Processing Wastes; Home Economics; Plant Waste Removal, Treatment; Product Development Research; ...3.0175

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Electroosmosis; Farm Animal Wastes; Gallus Domesticus; Pilot Plants; ...3.0184

ENGINEERING GEOLOGY IN COUNTY PLANNING ...Engineering Geology; Environmental Geology; Geologic Maps; Maps; Rocks - Bedrock; Urban Research -general; ...3.0205

UTILITIES IN PERMAFROST FOR MILITARY INSTALLATIONS ...Building Construction; Building Design; Electric Power Plants; Military Buildings; Permafrost - Frozen Soils; Sewage - Domestic; ...3.0214

POULTRY WASTE DISPOSAL AND ASSOCIATED ODOR CONTROL ...Bacteria -nonspecific; Bacterial Identification; Desulfovibrio; Farm Animal Wastes; Feces; Odor; Sulfhydryl Compounds; ...3.0232

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Groundwater; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Trickling Filters; Waste Disposal on Soils; Water Quality Control -general; ...3.0279

INTEGRATED WASTE MANAGEMENT - WATER SYSTEM USING RADIOISOTOPES FOR THERMAL ENERGY ...Biological Waste Recycling; Feces; Isotope Effects; Radioisotopes; Urine, Waste Treatment - Radiation; Water Supply Facilities; ...3.0290

MATERIAL DISPOSAL ...Disposal; Solid Waste Management; ...3.0332

Waste Disposal, Underground

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination; Eastern U. S.; Landfill; Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

UNDERSTANDING OF THE INFILTRATION OF RAIN INTO BURIED WASTE ...Burial; Leaching; Soil Moisture; Waste Disposal; Water Pollution Sources; ...2.0357

URBAN GEOLOGY OF HILLSBORO, TEXAS ...Environmental Geology; Floods; Geologic Maps; Texas; Urban Environment; Urban Research -general; Water Quality -general; ...2.0389

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Borehole Geophysics; Burial; Groundwater; Idaho; Isotope Tracer -see Tracers; Radioisotopes; Waste Water - general; Water Pollution Sources; ...2.0569

USE OF THE BOULDER ZONE FOR WATER STORAGE AND/OR FOR WASTE DISPOSAL ...Aquifers; Disposal; Florida; Soil Tillage; Treatment; Water Storage; ...2.0990

DISPERSION OF CONTAMINANTS IN JOINTED ROCK ...Dispersion (water); Flow Characteristics (water); Injection Wells; Mathematical Analysis; Physical Models; Seepage (water); Water Quality Control -general; ...2.1004

WASTE DISPOSAL BY HYDRAULIC FRACTURING ...Drilling and Coring; New York; Radioisotopes; Recovery - Production; Seismology; Water Pollution Sources; ...2.1105

FEASIBILITY OF THE USE OF LOCAL SOILS AS ION EXCHANGE MATERIALS FOR DISPOSAL OF LIQUID RADIOACTIVE WASTE INTO THE GROUND ...Burial; Energy Conversion; Ion Exchange; United Arab Republic; Water Pollution Sources; ...2.1110

TREATMENT AND DISPOSAL OF COMPLEX CHEMICAL WASTES ...Chemical Industry; Disposal Wastes; Injection Wells; Waste Treatment; ...2.1146

PRELIMINARY INVESTIGATION TO EVALUATE DEEP-WELL DISPOSAL POSSIBILITIES IN MOBILE, BALDWIN, AND ESCAMBIA COUNTIES, ALABAMA ...Alabama; Environmental Geology, Permeability; Porosity; Specific Rock Unit; Urban Environment; Water Wells; ...2.1147

CONSERVATION OF FRESH-WATER RESOURCES BY DEEP-WELL DISPOSAL OF LIQUID WASTES ...Burial; Engineering Geology; Geophysical Analysis; Mathematical Models; Porosity; Subsurface; ...2.1148

COMPATIBILITY OF SUBSURFACE RESERVOIRS WITH INJECTED LIQUID WASTES ...Chemical Analysis (water); Economic Efficiency; Industrial Wastes; Porosity; Sediment Lithification; ..2.1149

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

FURTHER STUDIES OF INFILTRATION ...Disposal; Drainage; Groundwater; Infiltration; Saturated- Unsaturated Soils; Subsurface Runoff; Waste Water Treatment -general; ...2.1183

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Geochemical Analysis (water); Idaho; Quaternary Period; Structural Analysis - Geology; Tertiary Period; Water Cycle; Water Pollution Sources; Water Storage; ...2.1240

FEASIBILITY OF SUBSURFACE LIQUID-WASTE DISPOSAL IN PENNSYLVANIA ...Environment; Fluid Dynamics - Migration; Geology -general; Literature Search; Pennsylvania; ...2.1248

CRITERIA FOR WASTE-DISPOSAL SITES IN THE KANSAS RIVER VALLEY ...Alluvium - Alluvial; Chemical Analysis (water); Kansas; Scouring; Waste Disposal-see Solid Waste; Water Depth, Water Levels; Water Table; ...2.1273

UNDERGROUND DISPOSAL OF LIQUID WASTES IN BRACKISH WATER FORMATIONS, MARYLAND ...Artificial Recharge; Chemical Water Properties; Cooperative Studies; Government -see Federal Gov.; Maryland; Soil Tillage; Water Resources Planning; ...2.1286

DISPOSAL OF WASTE FROM SWINE FEEDING FLOORS TO MINIMIZE OR ELIMINATE STREAM POLLUTION ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Septic Tanks; Waste Disposal on Soils; ...2.1291

TREATMENT NEEDED BY SEWAGE BEFORE INJECTION-WELL RECHARGE ...Artificial Recharge; Chlorination; Filters-filtration; Rapid Filters; Sand Filters; Tertiary Treatment; ...2.1343

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1823

SUBSURFACE DISPOSAL OF ANIMAL MANURE ...Animal Wastes - Feed Lots; Chlorine; Denitrification; Farm Animal Wastes; Feces; Plant Tissue Analysis -chem.; Soil Fertility; ...3.0296

TAILINGS DISPOSAL SYSTEM (EFFECT OF DAM DESIGN ON/EFFLUENT QUALITY, SUBSTRATA STUDIES, SURFACE & SUBSURFACE DISPOSAL) ...Dams -general; Economic Mineral Appraisals; Land Use; Mine Structures; Mine Wastes; Water Pollution Effects; Water Pollution Sources; ...3.0340

THE DETERMINATION OF PLUTONIUM IN SOIL ...Burial; Plutonium; Soil Radiation Emission; ...5.0821

Waste Drying

THICKENING AND DEWATERING OF WATER TREATMENT SLUDGE ...Electrochemistry, Filtration; Thickening; Waste Treatment; Waste Water Treatment -general; ...2.1255

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Centrifugation; Disposal; District of Columbia; Filtration; Process Design; Waste Treatment Economics; ...2.1339

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Centrifugation; Filtration; Pilot Plants; Process Design; Waste Treatment Economics; ...2.1400

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Centrifugation; District of Columbia; Filtration; Pilot Plants; Process Design; Waste Treatment Economics; ...2.1407

POLLUTION PREVENTION BY AERATION OF FRUIT PROCESSING WASTES ...Activated; Aerobic Bacteria; Biochemical Oxygen Demand; Food Processing Industries; Lagoon; Plant Waste Removal, Treatment; ...2.1449

BIOLOGICAL METHODS OF SLUDGE DEWATERING ...Activated; Bacterial Identification; Cellular Physiology- Env. Eff.; Microorganisms -nonspecific; ...2.1490

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Digestion; Electroosmosis; Farm Animal Wastes; Sewage Lagoons; ...3.0181

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues; Costs -see Economics Entries; Drying; Food Processing Industries; Freeze Drying; Pilot Plants; Precipitation; Waste Treatment Economics; ...3.0305

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Nutrients; ...3.0367

Waste Management -see Specific

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Combustion; Furnace and Incinerator Design; Packed Bed Reactor; Process Waste Recovery; Sulfur Dioxide Removal; Waste Material Recovery; ...1.0661

PROCESSING RETORTING WATERS AND GASES FOR POLLUTION CONTROL ...Effluents - Waste Water; Oil Shale; Recovery - Production; Waste Material Recovery; Water Costs; ...1.0664

SEPARATION AND IDENTIFICATION OF TOXIC COMPOUNDS IN OIL REFINERY EFFLUENTS ...Atomic Absorption; Chromatography; Effluents - Waste Water; Industrial Wastes; Mass Spectroscopy; Petroleum Research; Waste Water Treatment -general; ...2.0316

THE SIGNIFICANCE AND CONTROL OF WASTEWATER FLOATABLES IN COASTAL WATERS ..Bacterial Pollutant Sources; Chromatography; Coliforms -nonspecific; Effluents - Waste Water; Infrared Spectroscopy; Marine Pollution; ...2.0488

GEOSECS - ISOTOPIC MEASUREMENTS (C13/C12O18/O16D/H) IN DISSOLVED INORGANIC CARBON, ATMOSPHERIC CO2 & H2O VAPOR & DISSOLVED O2 (ABBREV) ...Animal Productivity; Gases; Marine Biology - General; Marine Environments; Mass Spectroscopy; Ocean; Organic Water Properties; Particle - Gas Transfer; Radioactivity; ...2.0564

EFFICIENCY OF FIBROUS BED COALESCERS ...Coalescence; Industrial Wastes; Waste Treatment Economics; ...2.0891

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Combustion; Environment; Loss Damages - Recreation; Recreation, Water Resources; Ship Wastes; Water Chemistry; Water Pollutant Identification; ...2.0906

TREATMENT OF COAL MINE WATERS TO MEET CURRENT COMMONWEALTH WATER DISCHARGE REQUIREMENTS ...Coal; Pennsylvania; Waste Treatment Economics; Water Pollution Sources; ..2.0937

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake;

Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Treatment Economics; ...2.0973

OIL SPILLAGE CONTROL ...Foam; Oil Removal; Petroleum Wastes - Spillage; Surfactants -see Detergents; Vacuum Techniques; ...2.1078

DEMINERALIZATION OF WASTEWATER BY THE TRANSPORT-DEPLETION PROCESS ...Demineralization; Electrodialysis; Process Design; Waste Water Treatment -general; ...2.1144

SPREADING TREATED SEWAGE FOR GROUNDWATER RECHARGE ...Activated; Arizona; Artificial Recharge; Disposal; Groundwater; Sewage; ...2.1151

TREATMENT OF PEAK WET WEATHER WASTEWATER FLOWS, AND RATE CONTROL OF ALL WASTEWATER DISCHARGES TO INTERCEPTOR SEWERS ...Aeration (water); Infiltration; Overflow -see Fluid Mechanics; Sewage Lagoons; Sewer Systems; Storm Sewer Quantity; Waste Water Treatment -general; ...2.1190

ANAEROBIC TREATMENT OF STARCH WASTEWATERS ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Colloidal Phenomena; Flotation; Sedimentation; Waste Digestion; Waste Water Treatment -general; ...2.1212

STABILIZATION POND OPERATION IN TROPICAL AREAS ...Algae -nonspecific; Nitrogen and Nitrogen Cpds.; Sewage Lagoons; Water Depth, Water Levels; ...2.1216

TREATMENT OF WATERCRAFT WASTES FROM SMALL VESSELS TO SHORE TREATMENT FACILITIES ...Boat Discharges; Marinas; Pumping Stations, Sewage; Sewage Treatment Plant; Tanks; ...2.1223

INDUSTRIAL COMPLEX OF AL KHARDJ ...Cooling Towers; Demineralization; Flash Evaporation; Ion Exchange; ...2.1230

MEASUREMENT OF ACTIVE BIOMASS CONCENTRATIONS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Cellular Physiology- Env. Eff.; Industrial Wastes; Sewage - Domestic; Water Pollution Sources; ...2.1237

USE OF COAGULATION IN THE FLOTATION OF WASTEWATER ...Biochemical Oxygen Demand; Coagulation; Flotation; Industrial Wastes; Petroleum Wastes - Spillage; Sedimentation; Turbidity; ...2.1247

REMOVAL OF ORGANIC AND EUTROPHYING POLLUTANTS BY COMBINED CHEMICAL AND BIOLOGICAL TREATMENT ...Biological Treatment-general; Chemical Treatment - general; Denitrification -see Nitrogen; Eutrophication; Nitrogen and Nitrogen Cpds.; Organics; Sewage - Domestic; ...2.1268

EFFICIENCY AND ECONOMY OF POLYMERIC SEWAGE CLARIFICATION ...Combustible Filters; Flocculation.; Recycle Water; Urban Research -general; Waste Treatment Economics; ...2.1315

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Industrial Wastes; Organic Matter; Seepage (water); Sewage Lagoons; Water Pollutants - Path of; Water Quality -general; ...2.1360

PIPELINE TRANSPORT OF SLUDGE ...Landfill; Pilot Plants; Pipe; Soil Amendments; Strip Mines; Waste Disposal on Soils; West Virginia; ...2.1373

REMOVAL OF TRACE METALS FROM WATER BY ION FLOTATION ...Demineralization; Foam; Mineralization; Surfactants -see Detergents; ...2.1374

ZEOLITE REMOVAL OF 137-CS FROM LIQUID WASTE ...Adsorption; Waste Treatment Economics; ...2.1414

ION EXCHANGE MEMBRANE STUDIES ...Dialysis; Ion Exchange; Ion Selective Membranes; Plate & Frame Membranes; Process Design; Tubular Membranes; Waste Treatment Economics; ...2.1415

STUDY OF WASTE DISPOSAL PROBLEMS ...Disposal Wastes; Oil Removal; Petroleum Research; ...2.1465

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Fish; Induced Temperature; Oxygen Content (water); Plankton; Temperature (water); Turbidity (water); Turbines; ...2.1552

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - WATER QUALITY EFFECTS ...Acidity (water); Atomic Absorption; Gas Chromatography; Mineralogical Water Properties; ...2.1561

GOVERNMENTAL AND PRIVATE SERVICES ...Air Pollution; Consultants, Advisory Services; Groundwater; Solid Waste Management; Waste Disposal-see Solid Waste; Water Quality Control -general; ...2.1871

THE ECOLOGY OF THE MICROBIAL POPULATION OF ACTIVATED SLUDGE ...Activated; Degradation -see Pesticide Deg; Mechanism Determination; Toxic Substances; ...3.0021

CARBONIZATION OF MUNCIPAL AND INDUSTRIAL WASTE ...Chemical Analysis -general; Pilot Plants; Sewage - Domestic; Thermal Decomposition; Waste Material Recovery; ...3.0039

TRANSIENT LOADING EFFECTS IN THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Modification of Models; Organics; Results of Models; Sedimentation; Waste Water Degradation; ...3.0067

A SOLID WASTES MANAGEMENT SYSTEM FOR THE BAY REGION ...Disposal; Farm Animal Wastes; Plant Waste Removal, Treatment; Public Utilities; Solid Waste; Waste Material Recovery; ...3.0079

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Eutrophication; Florida; Lagoons; Pipe; Sanitary Sewage Quantity; Sewage - Domestic; Sub - Tropic Regions; Water Pollution Abatement; ...3.0109

EVALUATION OF TREATMENT PLANTS BY TRACER METHODS ...Activation Analysis; Isotope Tracer -see Tracers; Process Design; Sewage - Domestic; ...3.0114

DIGESTION OF SLUDGES WITH SODIUM CHLORIDE AND SULFATE ...Digestion, Disposal; Industrial Wastes; Sewer Systems; ...3.0115

SORPTION ISOTHERMS OF PHENOL ON ION EXCHANGE RESINS ...Adsorption; Ion Exchange; ...3.0119

ACTIVATED SLUDGE - BIO-DISC TREATMENT OF DISTILLERY WASTES ...Activated Sludge; Distillery Wastes; Organics; Temperature; ...3.0126

EFFECTS OF HEAVY METALS ON ALGAL GROWTH AND ORGANIC REMOVAL EFFICIENCY IN STABILIZATION PONDS ...Industrial Wastes; Organic Waste -see Waste Treat; Oxygention; Pond; Sewage - Domestic; ...3.0170

FEASIBILITY OF REGIONAL UTILITIES FOR MANAGEMENT OF INDUSTRIAL AND MUNICIPAL WASTES ...Finance -see Economics Entries; Industrial Wastes; Public Utilities; Urban Research -general; Waste Treatment; Water Standards & Baselines; ...3.0190

OXYGEN TRANSFER IN CONCENTRATED MICROBIAL SYSTEMS ...Chemical Oxygen Demand; Industrial Wastes; Mathematical Models; Waste Water Degradation; ...3.0290

PIPE TRANSPORT OF SOLID WASTE ...Biological Treatment-general; Costs -see Economics Entries; Pipelines; Pipes; Sewage - Domestic; Transportation; Urban Research -general; ...3.0291

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water, Infiltration; Organic Water Properties; Pilot Plants; Safety -see Farm Safety; South Carolina; Water Purification; ...3.0310

MICROBIAL RELEASE OF SOLUBLE PHOSPHATE IN AN ACTIVATED SLUDGE ENVIRONMENT ...Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Gases; Microorganisms - nonspecific; Sewage Bacteria; Waste Water Treatment -general; ...3.0331

TREATMENT AND DISPOSAL OF CONDENSATE WASTES FROM HIGH LEVEL WASTE SOLIDIFICATION PROCESSES ...Atomic Plants; Crystallization; Distillation; Fuel; Nuclear Reactors; Temperature Effects; ...3.0339

PHOSPHORUS REMOVAL BY TRICKLING FILTER SYSTEMS ...Biochemical Oxygen Demand; Phosphorus and Phosphorus Cpds; Solid Waste; Trickling Filters; Wisconsin; ...3.0347

SINGLE CELL PROTEINS FROM CELLULOSIC WASTES ...Catalysts; Cellular Catabolism-see Degrad; Disposal; Pilot Plants; Recoverable Materials; ...3.0373

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pathology; Pesticide Aquatic Cycling; Watersheds; ...4.0042

CHROMATOGRAPHIC SEPARATION OF URANIUM AND PLUTONIUM FROM REPROCESSING PLANT LIQUID WASTE ...Chromatography; Detectors and Sensors; Energy Conversion; Nuclear Radiation; Photometry; Radioactive Isotopes; Safety Design - Radioisotopes; ...5.0080

Waste Material Recovery

OPTIMIZATION STUDIES IN INDUSTRIAL POLLUTION CONTROL ...Air Cleaning Devices; Air Pollution-chemistry; Costs -see Economics Entries; Industrial Wastes; Waste Treatment; ...1.0447

EMISSION AND CONTROL COST STUDY OF THE CEMENT INDUSTRY ...Air Pollution-chemistry; Ceramics; Costs -see Economics Entries; Industrial Wastes; Mineral Processing Industry; Particulates - Air Pollution; ...1.0464

STUDY OF MECHANISM FOR INCREASING THE SOLUBILITY/HYDRATION OF LIME/LIMESTONE IN THE WET SCRUBBING SYSTEM FOR SOX CONTROL ...Mechanism Determination; Scrubbers; Sulfur Dioxide Removal; ...1.0556

RECOVERY OF NITROGEN AND SULFUR OXIDES FROM BOILER FLUE GASES ...Air Pollution-chemistry; Chemical Analysis -general; Combustion; Nitrogen and Nitrogen Cpds.; Pilot Plants; ...1.0565

FILTRATION OF AEROSOLS BY GRANULAR BEDS ...Additives; Air Cleaning Devices; Combustion; Energy Conversion; Furnace and Incinerator Design; ...1.0595

GAS CLEANING PROCESS STUDIES ...Adsorption; Air Cleaning Devices; Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Kinetics; Nitrogen and Nitrogen Cpds.; Scrubbers; ...1.0602

APPLIED SCRUBBER RESEARCH FOR CONTROL OF SOX AND NOX ...Adsorption; Mass Transfer; Nitrogen and Nitrogen Cpds.; Pilot Plants; Rate of Reaction; Scrubbers; Sulfur Dioxide Removal; ...1.0609

EVALUATION OF METAL OXIDES AS SORBENTS FOR SO2 IN POWER PLANT FLUE GASES ...Adsorption; Combustion; Energy Storage -general; Sulfur Dioxide Removal; ...1.0621

EVALUATION OF METAL OXIDES AS SORBENTS FOR SO2 IN POWER PLANT GASES ...Adsorption; Energy Conversion; Fluidized Bed Reactor; Sulfur Dioxide Removal; ...1.0622

REGENERATION OF CARBON ADSORBENTS FOR SO2 ...Adsorption; Air Pollution-chemistry; Reducing Agents; Sulfur Dioxide Removal; ...1.0625

SO2 SORPTION BY AND REMOVAL FROM POLYMERIC MATERIALS ...Adsorption; Air Pollution-chemistry; Combustion; Ion Exchange; ...1.0628

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Energy Conversion; Petroleum Research; Sulfur Dioxide Removal; ...1.0632

POTENTIAL SORBENTS AND CATALYSTS FOR SO2 REMOVAL FROM FLUE GAS--PART C ...Adsorption; Catalysts; Energy Conversion; Mass Spectroscopy; Spectrographic Techniques; ...1.0635

REGENERABLE CHAR SORPTION PROCESS FOR SOX CONTROL ...Adsorption; Combustion; Pilot Plants; Sulfur Dioxide Removal; ...1.0645

PILOT PLANT STUDY OF AMMONIA SCRUBBING OF POWER PLANT STACK GASES ...Chemical Mechanisms & Kinetics; Combustion; Furnace and Incinerator Design; Pilot Plants; Power Plants -see Specifics; Scrubbers; Sulfur Dioxide Removal; ...1.0647

REDUCED SO2 IN COMBUSTION GASES ...Absorption - Chemistry; Air Pollution-chemistry; Coal Research; Combustion; Furnace and Incinerator Design; Packed Bed Reactor; Process Waste Recovery; Sulfur Dioxide Removal; ...1.0661

STACK GAS SULFUR REMOVAL PROCESSES ...Air Pollution-chemistry; Chemical Mechanisms & Kinetics; Combustion; Energy Conversion; ...1.0662

PROCESSING RETORTING WATERS AND GASES FOR POLLUTION CONTROL ...Effluents - Waste Water; Oil Shale; Recovery - Production; Water Costs; ...1.0664

NEW ANALYTICAL METHODS FOR SULFUR DIOXIDE ...Adsorption; Air Pollution-chemistry; Detectors and Sensors; Spectrographic Techniques; Trace Analysis; ...1.0706

BRACKISH WATER PURIFICATION BY BIOLOGICAL FUEL CELL POWERED ELECTRODIALYSIS ...Brackish Water; Desalination; Effluents - Waste Water; Electrodialysis; Microorganisms -nonspecific; Salt Water; Water Costs; ...2.0917

EFFECT OF SURFACE GROUPS ON ADSORPTION OF POLLUTANTS ...Adsorption; Organics; Waste Water Treatment -general; ...2.0936

THE USE OF PULP MILL SLUDGES AS EXTENDERS FOR CORRUGATING MEDIUM ...Pulp and Paper Wastes; Water Quality Control -general; ...2.0957

CONSERVATION OF WATER AND REDUCTION OF POLLUTION BY USE OF SOLVENT SYSTEMS FOR COLORING TEXTILE MATERIALS ...Dispersants; Fibers; Plastics; Solvent; Textile Industry; Water Conservation -general; Water Quality Control -general; ...2.0958

TEST AND EVALUATE EQUIPMENT FOR CONTAINING AND REMOVING OIL SPILLS IN HARBORS AND ADJACENT WATERS ...Harbors; Maine; Oil; Oil Removal; Petroleum Wastes - Spillage; Water Pollution Abatement; ...2.1032

MINING-POLLUTION CONTROL TECHNOLOGY - OIL PRODUCTION GROUND-WATER RECLAMATION BY SELECTIVE PUMPING ...Brines; Groundwater Basins; Petroleum Industry; Petroleum Research; Recovery - Production; ...2.1082

ELECTROMEMBRANE PROCESS FOR REGENERATING ACID FROM SPENT PICKLE LIQUOR ...Electrochemistry; Membranes; Metal Processing Wastes; Waste Treatment Economics; ...2.1143

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

REDUCTION OF SALT CONTENT OF FOOD PROCESSING LIQUID WASTE EFFLUENT ...Brackish Water; Food Processing Wastes; Ion Exchange; Waste Treatment Economics; ...2.1165

A STUDY OF A PROCESS FOR PHOSPHATE REMOVAL FROM WATER SUPPLIES USING LANTHANUM PRECIPITATION ...Process Design; Waste Treatment Economics; ...2.1172

OILY WATER SEPARATOR ...Filtration; Fluid Mechanics; Oil Removal; Ship Wastes; Temperature; Waste Treatment; ...2.1207

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials; Coatings -see Materials; Dewatering; Effluents - Waste Water; Industrial Wastes; Metal Processing Wastes; Pilot Plants; Sludge; Waste Treatment Economics; ...2.1208

RECONDITIONING AND REUSE OF FOOD PROCESSING BRINES ...Brines; Canning Wastes -see Food Proc.; Filtration; Lagoon; Waste Treatment Economics; Waste Water Treatment - general; Water Reuse; ...2.1217

CHEMICAL SLUDGE DISPOSAL AND CHEMICAL RECOVERY AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Burning; District of Columbia; Pilot Plants; Tertiary Treatment; Vacuum Techniques; Waste Treatment Economics; ...2.1222

ABSORPTION OF CHROMIUM BY CLAYS ...Activation Analysis; Adsorption; Demineralization; Metal Processing Wastes; Ore Deposits; Waste Treatment; Waste Water Treatment -general; ...2.1233

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Canning Wastes -see Food Proc.; Food Processing Industries; Industrial Wastes; Photometry; Plant Waste Removal, Treatment; Taste & Odor of Water; Waste Treatment Economics; Water Quality Control - general; ...2.1249

RECLAMATION OF ENERGY FROM ORGANIC REFUSE ...Anaerobic Wastewater Treatment; Digestion; Fuels; Organic Matter; Sewage - Domestic; ...2.1261

DEMONSTRATION OF THE RECONDITION AND RE-USE OF ORGANICALLY CONTAMINATED BRINES FROM CHEMICAL PROCESS INDUSTRIES ...Brines; Chemical Manufacturing Wastes; Organic Matter; Recycle Water; Waste Water Treatment -general; ...2.1307

REMOVAL OF PHOSPHATES BY SORPTION ON ACTIVATED ALUMINA ...Adsorption; Alum Waste Water Treatment; Demineralization; Potable Water; Tertiary Treatment; Water Chemistry; ...2.1326

RECLAMATION OF METAL VALUES FROM METAL-FINISHING WASTE TREATMENT SLUDGES ...Degradation; Industrial Wastes; Oxidation; Reduction Reactions; Sludge; Waste Treatment; ...2.1333

AN INVESTIGATION OF TECHNIQUES FOR THE REMOVAL OF CHROMIUM AND CYANIDES FROM ELECTROPLATING WASTES ...Chelation & Complexing; Coatings -see Materials; Flotation; Inspection and Control; Plating Wastes; Precipitation; ...2.1334

THE PRODUCTION AND USE OF ACTIVATED CARBON FOR WATER RENOVATION IN KRAFT PULP AND PAPER MILLS ...Florida; Pilot Plants; Pulp and Paper Wastes; Rehabilitation - streams -lakes; Waste Treatment Economics; ...2.1350

METAL REMOVAL/RECOVERY FROM POLLUTED WATER BY COMPLEXATION WITH LINEAR POLYELECTROLYTES

...Chelation & Complexing; Chemical Treatment (water); Desalination; Industrial Wastes; Plastics; Zinc; ...2.1352

IMPROVE POLLUTION CONTROL BY REUSE OF PAPER MACHINE PROCESS WATERS ...Coagulation; Disposal; Precipitation; Pulp and Paper Wastes; Waste Water Treatment - general; Water Reuse; ...2.1356

TEXTILE WASTE REDUCTION THROUGH RECOVERY AND REUSE OF SYNTHETIC WARP SIZES ...Biochemical Oxygen Demand; Burial; Burning; Industrial Wastes; Textile Industry; Waste Water Degradation; ...2.1357

WATER POLLUTION REDUCTION THROUGH RECOVERY OF DESIZING WASTES ...Biochemical Oxygen Demand; Effluents - Waste Water; Industrial Wastes; Textile Industry; ...2.1358

DISSOLVED INORGANIC REMOVAL--SELECTIVE ION AND ORGANIC REMOVAL BY ION EXCHANGE RESINS ...Demineralization; Ion Exchange; Nutrients; Organics; Waste Treatment Economics; Waste Water Treatment -general; ...2.1366

POWDERED CARBON TREATMENT OF WASTEWATER ...Activated Sludge; Electrochemistry; Fluidized Bed Reactor; Organics; Process Design; Thermal Regeneration; Turbidity; Waste Treatment Economics; ...2.1369

LIME SLUDGE RECOVERY AND REUSE ...Lime Treatment; Sludge; Tertiary Treatment; Turbidity; ...2.1370

STUDY OF UTILIZATION AND DISPOSAL OF LIME SLUDGES CONTAINING PHOSPHATES ...Disposal; Lime Treatment; Product Development Research; Waste Treatment Economics; Waste Water Treatment -general; ...2.1379

RECOVERY OF IRON IN A MORE DENSE FORM FROM COAL MINE DRAINAGE ...Acid Mine Wastes; Bench Scale; Mine Drainage Control; Mineral Processing Industry; ...2.1393

TREATMENT OF ACID MINE DRAINAGE-SULFUR AND IRON RECOVERY ...Acid Mine Wastes; Combustion; Distillation; Neutralization; Waste Water Treatment -general; ...2.1397

RECOVERY OF BY-PRODUCTS FROM SHELLFISH WASTE ...Chlorine; Farm Animal Wastes; Lye; Product Development Research; ...2.1446

STREAM STRIPPING OF KRAFT PULP MILL EFFLUENT STREAMS ...Distillation; Industrial Wastes; Odor; Organics; Pulp and Paper Wastes; Recycle Water; ...2.1448

PROCESSING RETORTING WASTE WATERS ...Chemical Manufacturing Wastes; Oil Removal; Oil Shale; Petroleum Wastes - Spillage; Process Design; Waste Disposal-see Solid Waste; ...2.1464

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Water Pollutant Identification; Water Reuse; ...2.1466

FOOD PROCESSING WASTES ...Disposal; Food Processing Wastes; Plant Waste Removal, Treatment; Recoverable Materials; Waste Water Treatment -general; ...3.0035

CARBONIZATION OF MUNCIPAL AND INDUSTRIAL WASTE ...Chemical Analysis -general; Pilot Plants; Sewage - Domestic; Thermal Decomposition; ...3.0039

RECOVERY OF CHEMICALS AS A MEANS OF BRINE DISPOSAL ...Brines; Desalination Wastes; Process Design; Waste Treatment Economics; ...3.0074

A SOLID WASTES MANAGEMENT SYSTEM FOR THE BAY REGION ...Disposal; Farm Animal Wastes; Plant Waste Removal, Treatment; Public Utilities; Solid Waste; Waste Management -see Specific; ...3.0079

BIOPOLYMERS AND POLYMER-PRODUCING MICROORGANISMS IN ACTIVATED SLUDGE ...Activated Sludge; Food Processing Wastes; Microorganisms -nonspecific; Sewage - Domestic; Soil Bacteria; Waste Treatment Economics; Water Pollution Sources; ...3.0127

UTILIZATION OF FLORIDA PHOSPHATE SLIMES ...Acid Mine Wastes; Ceramics; Fresh Water; Phosphorus and Phosphorus Cpds; Sediments; Water Reuse; ...3.0128

SLUDGE DISPOSAL AND MATERIAL RECOVERY SYSTEM FOR MANUFACTURERS OF COATED AND/OR FILLED PAPERS ...Burning; Pulp and Paper Wastes; Sludge; ...3.0159

RECOVERY OF MINERAL MATERIALS FROM SELECTED PROCESSING WASTES ...Effluent-standards; Metal Processing Wastes; Plating Wastes; Waste Treatment; ...3.0206

HYDROLYSIS OF SLUDGE USING LOW PRESSURE STEAM WITH SO2 AS A HYDROLYTIC ADJUNCT AND TO STUDY THE UTILIZATION OF THE RESULTING HYDROLYSATE ...Digestion; Hydrolysis, Esterification; Product Development Research; Sulfur Dioxide; Waste Treatment Economics; Waste Water Treatment -general; ...3.0245

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bos; Drainage; Effluents - Waste Water; Lysimeters; Rural Areas, Sewage; Soil Aeration; Soil pH; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

CHEMICAL TRANSFORMATION OF SOLID WASTES ...Disposal; Farm Animal Wastes; Plant Waste Removal, Treatment; Recoverable Materials; ...3.0282

MICROBIOLOGICAL TREATMENT OF POTATO WASTES ...Bench Scale; Degradation -see Pesticide Deg; Food Processing Wastes; Plant Waste Removal, Treatment; Waste Water Treatment -general; ...3.0286

CHEMICAL AND ENGINEERING ASPECTS OF POTATO PROCESSING WASTES TREATMENT ...Electrochemistry; Flotation; Food Processing Industries; Food Processing Wastes; Sewer Systems; ...3.0287

PULP AND PAPER WASTE CONTROL AND TREATMENT ...Disposal Wastes; Pulp and Paper Wastes; Waste Treatment; Water Reuse; ...3.0288

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues; Costs -see Economics Entries; Drying; Food Processing Industries; Freeze Drying; Pilot Plants; Precipitation; Waste Drying; Waste Treatment Economics; ...3.0305

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Costs -see Economics Entries; Food Processing Industries; Industrial Wastes; Plant Waste Removal, Treatment; South Carolina; Waste Disposal on Soils; Waste Water Treatment -general; ...3.0311

APPLICATION OF HYPERFILTRATION WITH DYNAMICALLY-FORMED MEMBRANES TO TREATMENT OF MUNICIPAL SEWAGE EFFLUENTS ...Activated Sludge; Effluent-standards; Electrochemistry; Membranes; Porosity; Sewage; Tertiary Treatment; ...3.0319

DEVELOPING NEW USES FOR MILLING RESIDUES ...Acid Mine Wastes; Metal Processing Wastes; Refractory; Solid Waste; ...3.0328

TREATMENT AND DISPOSAL OF CONDENSATE WASTES FROM HIGH LEVEL WASTE SOLIDIFICATION PROCESSES ...Atomic Plants; Crystallization; Distillation; Fuel; Nuclear Reactors; Temperature Effects; Waste Management -see Specific; ...3.0339

SYNTHESIS OF L-DOPA FROM WOOD PULP WASTE ...Product Development Research; Pulp and Paper Wastes; ...3.0383

CHEMICAL PROCESSING OF TITANIUM SCRAP AND RESIDUES. TITANIUM CHLORINATION RESIDUES ...Acid Mine Wastes; Chlorination; Mine Wastes; Titanium; ...3.0390

A NEW PRACTICAL APPROACH TO DAIRY WASTES ...Bacteria; Farm Animal Wastes; Impaired Water Use; Waste Disposal on Soils; Water Quality Control -general; ...3.0392

FERRIC CHLORIDE PROCESSING ...Chlorination; Chlorine; Metal Processing Wastes; ...3.0396

REUSE OF PLASTICS RECOVERED FROM SOLID WASTES ...Industrial Wastes; Recoverable Materials; Waste Type; ...3.0400

THE RECOVERY AND CHARACTERIZATION OF AGRICULTURAL CHEMICALS FROM SPENT PULP CHLORINATION LIQUORS ...Algacides -nonspecific; Ceratocystis; Insecticides - nonspecific; Penicillium; Phenols; ...4.0058

Chemical Regeneration

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Combustion; Nitrogen and Nitrogen Cpds.; Reduction Reactions; Thermal Regeneration; ...1.0633

THE REMOVAL OF EXCESS NITRATES AND NITRITES FROM POLLUTED WATER ...Chemical Treatment (water); Ion Exchange; Marketing; Mechanism Determination; Polymerization; Water Chemistry; ...2.0898

ELECTROCHEMICAL ACTIVATION AND REGENERATION OF CARBON SURFACES FOR TERTIARY WATER TREATMENT ...Electrochemistry; Electrolytic; Organics; Tertiary Treatment; Waste Water Treatment -general; ...2.0950

WATER AND WASTE WATER PURIFICATION ...Australia; Demineralization; Desalination; Ion Exchange; Pilot Plant Design; Waste Water Treatment -general; ...2.1161

Thermal Regeneration

REMOVAL OF SULFUR OXIDES FROM FLUE GAS ...Adsorption; Chemical Regeneration; Combustion; Nitrogen and Nitrogen Cpds.; Reduction Reactions; ...1.0633

DEVELOP TECHNIQUES FOR STORING CHEMICAL INFORMATION PROPORTIONAL TO 24-HOUR AVERAGE CON-

CENTRATIONS OF SO2 AND NOX ...Absorption - Chemistry; Air Pollution Monitoring; Air Pollution-chemistry; Gases; Nitrogen and Nitrogen Cpds.; ...1.0805

WATER AND WASTE WATER PURIFICATION ...Australia; Demineralization; Desalination; Ion Exchange; Pilot Plant Design; Waste Water Treatment -general; ...2.1161

USE OF GRANULAR ACTIVATED CARBON IN TREATMENT OF WASTE WATERS ...California; Nitrogen and Nitrogen Cpds.; Photometry; Waste Water Treatment -general; ...2.1368

POWDERED CARBON TREATMENT OF WASTEWATER ...Activated Sludge; Electrochemistry; Fluidized Bed Reactor; Organics; Process Design; Turbidity; Waste Treatment Economics; ...2.1369

Waste Properties

ATOMIC ABSORPTION ANALYSIS OF PHOSPHATES IN WATER ...Analysis and Detection; Atomic Absorption; Effluents - Waste Water; Water Pollutant Identification; ...2.0867

WATER TREATMENT PLANT WASTES ...Disposal; Filtration; Ion Exchange; Waste Water Treatment -general; Water Chemistry; Water Purification; ...2.1253

Color

MECHANISM OF ORGANIC ADSORPTION ON ACTIVATED CARBON ...Adsorption; Color (water); Hydrolysis, Esterification, Organic Matter, Taste & Odor of Water; Waste Water Treatment -general; ...2.0904

PURIFICATION OF LOW QUALITY WATERS BY FOAM SEPARATION ...Bacteria; Bubbles; Flotation; Foam; Turbidity; Waste Water Treatment -general; ...2.0918

REUSE OF PLANT EFFLUENT AND COOLING WATER BLOWDOWN AS PROCESS WATER ...Activated; Biochemical Oxygen Demand; Chemical Oxygen Demand; Digestion; Pond; Sewer Systems; Water Reuse; ...2.0924

COLOR REMOVAL FROM TEXTILE DYE WASTES BY COAGULATION ...Biochemical Oxygen Demand; Coagulation; Color (water); Dye Wastes; Electrochemistry; Industrial Wastes; Textile Industry; ...2.1142

TERTIARY TREATMENT OF ANIMAL WASTE WATERS ...Aerobic Waste Water Treatment; Bod; Denitrification -see Nitrogen; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1346

TREATMENT OF DYEING BATH WASTE STREAMS BY FOAMING AND FLOTATION TECHNIQUES ...Adsorption; Chemical Effects; Dye Wastes; Fibers; Foam; Plastics; Southeast U. S.; Textile Industry; ...2.1441

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Disinfection; Farm Animal Wastes; Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment -general; ...3.0168

Hardness

SINGLE STAGE LIME TREATMENT OF WASTEWATER ...Demineralization; Flocculation; Lime Treatment; Tertiary Treatment; Turbidity; Waste Water Treatment -general; ...2.1381

Total Organic Carbon

ANALYTIC AND PROCESS CLASSIFICATION OF EFFLUENTS (ORGANIC NITROGEN IN ACTIVATED CARBON EFFLUENTS) ...Effluent-standards; Electrodialysis; Electrophoresis; Nitrogen and Nitrogen Cpds.; Organics; Waste Water Treatment - general; ...2.0528

EXPLORATORY STUDY OF LIMITATIONS OF BOD FOR ANIMAL WASTE EVALUATION ...Antihelminth; Atomic Absorption; Biochemical Oxygen Demand; Chemical Analysis; Farm Animal Wastes; Pesticide Residues; Sus; ...2.0712

THE MOLECULAR NATURE OF ORGANIC WASTE REMOVAL PATTERNS ...Activated Sludge; Aquatic Fungi -nonspecific; Bacterial Population Surveys; Organic Matter; Process Design; ...2.0817

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Acid Mine Drainage; Algae -nonspecific; Chlorophyll; Neutralization; Organic Waste -see Waste Treat; Rehabilitation -streams -lakes; Strip Mines; Waste Water Degradation; Waste Water Treatment - general; ...2.1319

CARBON COLUMN OPERATION IN WATER TREATMENT ...Carbon; Cellular Physiology- Env. Eff.; Filtration; Microorganisms -nonspecific; Waste Water Treatment -general; ...2.1355

POWDERED CARBON TREATMENT OF WASTEWATER ...Activated Sludge; Electrochemistry; Fluidized Bed Reactor; Organics; Process Design; Thermal Regeneration; Turbidity; Waste Treatment Economics; ...2.1369

SINGLE STAGE LIME TREATMENT OF WASTEWATER ...Demineralization; Flocculation; Lime Treatment; Tertiary Treatment; Turbidity; Waste Water Treatment -general; ...2.1381

DETERMINATION OF BIODEGRADATION RATES IN SOME POLLUTED TROPICAL WATERS AND IN SOME TYPES OF LIQUID WASTES COMMON IN PUERTO RICO ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Puerto Rico; Rate of Reaction; Salinity (water); Tropical Regions; Waste Water Degradation; ...2.1409

TERTIARY TREATMENT BY COUNTER-CURRENT CARBON FILTRATION ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Pilot Plants; Sewage Treatment Plant; ...2.1427

Turbidity

POTENTIAL ALGAL PRODUCTIVITY AS MEASURED BY A TURBIDOSTAT ...Algae -nonspecific; Analysis and Detection; Nutrients; Primary Productivity - Plants; Turbidity (water); ...2.0625

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Ash-coal Filters; Filters-filtration; Filtration; Pilot Plants; Sand; Soil Particle Size; Turbidity (water); Water Distribution Systems; ...2.0887

DESIGN REQUIREMENTS FOR MUNICIPAL DIATOMITE FILTERS ...Coagulation; Electrochemistry; Filters-filtration; Process Design; Sewage - Domestic; ...2.0896

SAND FILTRATION OF DISCRETE SUSPENSIONS ...Fluid Mechanics; Sand Filters; ...2.0913

PURIFICATION OF LOW QUALITY WATERS BY FOAM SEPARATION ...Bacteria; Bubbles; Color; Flotation; Foam; Waste Water Treatment -general; ...2.0918

MULTILAYER FILTRATION ...Ash-coal Filters; Filters - Porous Materials; Flocculation; Plastics; ...2.1111

ROLE OF SOLIDS IN COMBINED SEWAGE POLLUTION ...Sewage; Sewer Systems; ...2.1174

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Alum Waste Water Treatment; Chlorination; Disinfection; Electrical Phenomena; Fluid Mechanics; Pilot Plants; Tertiary Treatment; Waste Water Treatment -general; ...2.1221

USE OF COAGULATION IN THE FLOTATION OF WASTEWATER ...Biochemical Oxygen Demand; Coagulation; Flotation; Industrial Wastes; Petroleum Wastes - Spillage; Sedimentation; Waste Management -see Specific; ...2.1247

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ...Alum Waste Water Treatment; Biochemical Oxygen Demand; Electrodialysis; Flocculation; Ion Exchange; Sand Filters; Solid Waste; Waste Treatment Economics; ...2.1365

POWDERED CARBON TREATMENT OF WASTEWATER ...Activated Sludge; Electrochemistry; Fluidized Bed Reactor; Organics; Process Design; Thermal Regeneration; Waste Treatment Economics; ...2.1369

LIME SLUDGE RECOVERY AND REUSE ...Lime Treatment; Sludge; Tertiary Treatment; Waste Material Recovery; ...2.1370

DISSOLVED REFRACTORY ORGANIC REMOVAL -- CARBON AS AN ADSORBENT AND FILTER MEDIUM ...Carbon Filters; Coagulation; Organics; Sand Filters; Waste Water Treatment - general; ...2.1371

SINGLE STAGE LIME TREATMENT OF WASTEWATER ...Demineralization; Flocculation; Lime Treatment; Tertiary Treatment; Waste Water Treatment -general; ...2.1381

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Chlorine; Data Acquisition; Effluent-standards; Fish; Population Dynamics -general; Species Diversity Measurement; Water Properties -general; ...2.1577

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL--SOLIDS SEPARATION BY CHEMICAL TREATMENT AND FILTRATION ...Ash-coal Filters; Colloidal Phenomena; Fluid Mechanics; Sand Filters; ...3.0261

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots, Effluents - Waste Water; Farm Animal Wastes; Groundwater; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Trickling Filters; Waste Disposal on Soils; Water Quality Control -general; ...3.0279

Waste Treatment

OPTIMIZATION STUDIES IN INDUSTRIAL POLLUTION CONTROL ...Air Cleaning Devices; Air Pollution-chemistry; Costs -see Economics Entries; Industrial Wastes; Waste Material Recovery; ...1.0447

THE ROLE OF PAPER MILL ADDITIVES AS POTENTIAL STREAM POLLUTANTS ...Activation Analysis; Additives; Atmospheric and Environmental; Industrial Wastes; Pulp and Paper Wastes; Water Quality Control -general; ...2.0412

RIVER MURRAY SALINITY SURVEY IN SOUTH AUSTRALIA ...Australia; Chemical Analysis (water); Data Networks; Water Quality Control -general; ...2.0482

INVESTIGATION INTO THE POSSIBLE AGRICULTURAL USE OF RECONDITIONED WATER FROM THE PROPOSED SOUTH-EASTERN PURIFICATION PLANT ...Australia; Foreign Agriculture; Recycle Water; Water Reuse; Water Utilization - plant; ...2.0873

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Ash-coal Filters; Filters-filtration; Filtration; Pilot Plants; Sand; Soil Particle Size; Turbidity (water); Water Distribution Systems; ...2.0887

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Combustion; Environment; Loss Damages - Recreation; Recreation; Water Resources; Ship Wastes; Waste Management -see Specific; Water Chemistry; Water Pollutant Identification; ...2.0906

BASIC SALINOGEN ION EXCHANGE RESINS FOR SELECTIVE NITRATE REMOVAL FROM POTABLE AND EFFLUENT WATER ...Effluents - Waste Water; Ion Exchange; Potable Water; ...2.0911

TREATMENT OF COAL MINE WATERS TO MEET CURRENT COMMONWEALTH WATER DISCHARGE REQUIREMENTS ...Coal; Pennsylvania; Waste Management -see Specific; Waste Treatment Economics; Water Pollution Sources; ...2.0937

THE VORTEX CHAMBER AS A GRIT REMOVAL DEVICE FOR WATER TREATMENT ...Fluid Mechanics; Pollutant Removal; Turbidity (water); Water Purification; ...2.0945

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk; Disposal; Dredging; Great Lakes -see Specific Lake; Maryland; Ohio; Pipelines; Railroads -see Transportation; Sludge; Trucks; Urban Research -general; Waste Management -see Specific; Waste Treatment Economics; ...2.0973

TREATMENT AND DISPOSAL OF COMPLEX CHEMICAL WASTES ...Chemical Industry; Disposal Wastes; Injection Wells - Waste Disposal; Underground; ...2.1146

OILY WATER SEPARATOR ...Filtration; Fluid Mechanics; Oil Removal; Ship Wastes; Temperature; ...2.1207

CHEMICAL SLUDGE DISPOSAL AND CHEMICAL RECOVERY AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Burning; District of Columbia; Pilot Plants; Tertiary Treatment; Vacuum Techniques; Waste Material Recovery; Waste Treatment Economics; ...2.1222

ABSORPTION OF CHROMIUM BY CLAYS ...Activation Analysis; Adsorption; Demineralization; Metal Processing Wastes; Ore Deposits; Waste Material Recovery; Waste Water Treatment - general; ...2.1233

THICKENING AND DEWATERING OF WATER TREATMENT SLUDGE ...Electrochemistry; Filtration; Thickening; Waste Drying; Waste Water Treatment -general; ...2.1255

MECHANISMS OF SLUDGE THICKENING ...Activated Sludge; Mechanism Determination; Solid Waste; Thickening; ...2.1256

AMES DESIGN PARAMETERS ...Government -see Federal Gov.; Iowa; Sand Filters; Waste Treatment Economics; Waste Water Treatment -general; Water Resources Planning; ...2.1269

OPTIMAL DESIGN OF WASTE TREATMENT SYSTEMS ...Activated Sludge; Anaerobic Wastewater Treatment; Optimization, Economic; Process Design; ...2.1277

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

STUDIES IN FOAM SEPARATION AND RELATED TECHNIQUES ...Foam; Mercury; Metal Processing Wastes; Surfactants -see Detergents; ...2.1296

SELECTIVE NITRATE AND PHOSPHATE REMOVAL ...Bench Scale; Denitrification -see Nitrogen; Ion Exchange; Ion Selective Membranes; Waste Treatment Economics; ...2.1300

RECLAMATION OF METAL VALUES FROM METAL-FINISHING WASTE TREATMENT SLUDGES ...Degradation; Industrial Wastes; Oxidation; Reduction Reactions; Sludge; ...2.1333

DESIGN OF WASTEWATER TREATMENT SYSTEMS TO SATISFY EFFLUENT QUALITY REQUIREMENTS BASED ON INTENDED USE ...Effluent-standards; Impaired Water Use; Water Quality -general; Water Reuse; ...2.1344

WINERY WASTEWATER - CHARACTERIZATION AND TREATMENT ...Acidity (water); Activated Sludge; Anaerobic Bacteria; Contamination - Water; Food Processing Industries; Sewer Systems; ...2.1348

AN ECONOMIC STUDY OF MUNICIPAL SURCHARGES ON INDUSTRIAL WASTES ...Budgeting Analysis; Disposal Wastes; Industry; Regression Analysis; Social Aspects; Urban Environment; ...2.1359

OPERATIONAL DEMONSTRATION OF OXIDATION DITCH METHOD OF WASTE TREATMENT ...Lagoon; Oxidation; Pond; Process Design; Waste Water Treatment -general; ...2.1361

METHODS TO REDUCE WATER POLLUTION CAUSED BY STORM WATER SEWER LOADING BY USING FLUID FLOW FRICTION REDUCERS ...Chemical Mechanisms & Kinetics; Electrochemistry; Groundwater; Pipe; Sewage - Domestic; ...2.1432

ENVIRONMENTAL STUDY OF PORT PHILLIP BAY ...Algae - nonspecific; Bays; Color (water); Environment; Organic Matter; Water Quality Control -general; ...2.1485

AIDS FOR WASTEWATER SYSTEM PERSONNEL SAFETY AND ADVANCEMENT ...Consultants, Advisory Services; Occupational Hazards; Water Quality Control -general; ...2.1814

A METHODOLOGY FOR PLANNING OPTIMAL REGIONAL WASTE MANAGEMENT SYSTEMS ...Management (water); Optimization, Economic; Systems Analysis - Water Mgmt; Waste Treatment Economics; Water Resources Planning; ...2.1841

ADAPTIVE CONTROL THEORY APPLIED IN A CLASS OF DYNAMIC POLLUTION PROBLEMS ...Effluents - Waste Water; Water Pollution -see Specifics; Water Pollution Sources; Water Quality Control -general; ...2.1872

COST-REDUCING TECHNIQUES OF WASTE DISPOSAL AND OPTIMUM USE OF WATER RESOURCES ...Canning Wastes - see Food Proc., Food Processing Industries; Industrial Wastes; Optimization, Economic; Waste Water Treatment -general; Water Quality Control -general; ...2.1890

TECHNICAL AND ECONOMIC APPRAISAL OF PACKAGED SEWAGE TREATMENT SYSTEMS ...Consumption; Waste Treatment Economics; Waste Water Treatment -general; ...3.0073

TECHNIQUES FOR IMPROVING THE AMOUNT AND EFFICIENCY OF OXYGEN INCORPORATION INTO RAPID-RATE BIOLOGICAL WASTE TREATMENT SYSTEMS ...Activated Sludge; Oxidation; Rapid Reactions; Sewage Bacteria; Waste Treatment Economics; ...3.0087

COMPUTER SIMULATION AND DESIGN OF TREATMENT INSTALLATIONS FOR DOMESTIC ...Mathematical Models; Process Design; Sewage - Domestic; Simulation Theory; Waste Treatment Economics; Water Quality Control -general; ...3.0088

TREATMENT PROCESSES - WASTES PUMPED FROM SEPTIC TANKS ...Pumps; Septic Tanks; Sewage Bacteria; Sewage Treatment Plant; ...3.0096

FEASIBILITY OF REGIONAL UTILITIES FOR MANAGEMENT OF INDUSTRIAL AND MUNICIPAL WASTES ...Finance -see Economics Entries; Industrial Wastes; Public Utilities; Urban Research -general; Water Standards & Baselines; ...3.0190

RECOVERY OF MINERAL MATERIALS FROM SELECTED PROCESSING WASTES ...Effluent-standards; Metal Processing Wastes; Plating Wastes; Waste Material Recovery; ...3.0206

PULP AND PAPER WASTE CONTROL AND TREATMENT ...Disposal Wastes; Pulp and Paper Wastes; Waste Material Recovery; Water Reuse; ...3.0288

CHEMICAL PULPING AND BLEACHING ...Air Pollution-chemistry; Electrolytic; Industrial Pollution -general; Materials -properties; Pulp and Paper Wastes; Reduction Reactions; Water Chemistry; ...3.0351

STUDY OF WASTE DISPOSAL PROBLEMS ...Chemical Manufacturing Wastes; Disposal Wastes; Effluent-standards; Petroleum Research; ...3.0357

Capacity

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EFFLUENT PRIOR TO A MAJOR FLOW INCREASE ...Arthropods; Biological Water Properties; Chemical Water Properties; Estuaries; Recreation, Water Resources; Secondary Treatment; Sewage Treatment Plant; Water Pollutant Identification; ...2.0987

Injection Wells

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics, Materials, Composite; Potable Water; Saline Water Intrusion, Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

DISPERSION OF CONTAMINANTS IN JOINTED ROCK ...Dispersion (water); Flow Characteristics (water); Mathematical Analysis; Physical Models; Seepage (water); Waste Disposal, Underground; Water Quality Control -general; ...2.1004

TREATMENT AND DISPOSAL OF COMPLEX CHEMICAL WASTES ...Chemical Industry; Disposal Wastes; Waste Disposal, Underground; Waste Treatment; ...2.1146

CONSERVATION OF FRESH-WATER RESOURCES BY DEEP-WELL DISPOSAL OF LIQUID WASTES ...Burial; Engineering Geology; Geophysical Analysis; Mathematical Models; Porosity; Subsurface; ...2.1148

PILOT SCALE INVESTIGATIONS OF WELL RECHARGE USING CORED SAMPLES ...Aquifers; Cambrian Period; Effluents - Waste Water; Sandstones; Sewage; Waste Water Treatment -general; ...2.1254

TREATMENT NEEDED BY SEWAGE BEFORE INJECTION-WELL RECHARGE ...Artificial Recharge; Chlorination; Filters-filtration; Rapid Filters; Sand Filters; Tertiary Treatment; Waste Disposal, Underground; ...2.1343

Process Design

DEMONSTRATING THE ELECTROLYSIS BOD MEASURING METHOD ...Biochemical Oxygen Demand; Electrochemistry; Iowa; ...2.0588

THE MOLECULAR NATURE OF ORGANIC WASTE REMOVAL PATTERNS ...Activated Sludge; Aquatic Fungi -nonspecific; Bacterial Population Surveys; Organic Matter; Total Organic Carbon; ...2.0817

DESIGN REQUIREMENTS FOR MUNICIPAL DIATOMITE FILTERS ...Coagulation; Electrochemistry; Filters-filtration; Sewage - Domestic; Turbidity; ...2.0896

FOAM SEPARATION FLOTATION OF COLLOID ORGANIC SYSTEMS ...Chelation & Complexing; Demineralization; Fluid Mechanics; Mineralogical Water Properties; Surfactants -see Detergents; Waste Water Treatment -general; ...2.0899

IMPROVEMENT OF QUALITY OF WATER RESOURCES BY A THREE-FOLD ATTACK - ADSORPTION, SEDIMENTATION AND MIXING ...Adsorption; Adsorption Capacity; Flocculation; Pollutant Removal; Thermodynamics; Water Pollution Abatement; ...2.0905

MASS TRANSFER ANALYSIS IN REVERSE OSMOSIS OPERATION ...Potable Water; Reverse Osmosis; ...2.0923

TREATMENT OF COAL MINE WATERS TO MEET CURRENT COMMONWEALTH WATER DISCHARGE REQUIREMENTS ...Coal; Pennsylvania; Waste Management -see Specific; Waste Treatment Economics; Water Pollution Sources; ...2.0937

ECOLOGY OF SPHAEROTILUS IN ACTIVATED SLUDGE ...Activated Sludge; Cellular Physiology- Env. Eff.; Chemical Analysis - general; Sphaerotilus; Statistics; Thickening; ...2.1005

OXYGEN CONSUMPTION IN CONTINUOUS BIOLOGICAL CULTURE ...Activated Sludge; Aeration (water); Gases; Waste Water Treatment -general; ...2.1024

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Animal Wastes - Feed Lots; Farm Animal Wastes; ...2.1037

DEMINERALIZATION OF WASTEWATER BY THE TRANSPORT-DEPLETION PROCESS ...Demineralization; Electrodialysis; Waste Management -see Specific; Waste Water Treatment - general; ...2.1144

A STUDY OF THE REMOVAL OF CARBONACEOUS, NITROGENOUS AND PHOSPHORUS MATERIALS FROM CONCENTRATED PROCESS WASTE STREAMS ...Digestion; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Waste Water Treatment -general; ...2.1164

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Algae -nonspecific; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Pilot Plants; Turbidity (water); Waste Water Treatment -general; ...2.1170

A STUDY OF A PROCESS FOR PHOSPHATE REMOVAL FROM WATER SUPPLIES USING LANTHANUM PRECIPITATION ...Waste Material Recovery; Waste Treatment Economics; ...2.1172

RENOVATION OF MUNICIPAL WASTEWATER BY REVERSE OSMOSIS SYSTEMS ...Depolymerization; Membranes; Model Studies; Reverse Osmosis; Urban Environment; ...2.1175

COMPARATIVE ANALYSIS OF ADVANCED WATEWATER TREATMENT PROCESSES ...Costs -see Economics Entries; Waste Water Treatment -general; ...2.1182

EXPERIMENTAL OPTIMIZATION OF STEP AERATION WASTE TREATMENT SYSTEMS ...Aeration (water); Development of Models; Mathematical Models; Optimization, Economic; Systems Analysis - Water Mgmt; ...2.1276

OPTIMAL DESIGN OF WASTE TREATMENT SYSTEMS ...Activated Sludge; Anaerobic Wastewater Treatment; Optimization, Economic; Waste Treatment; ...2.1277

PILOT PLANT DEMONSTRATION OF A LIME-BIOLOGICAL TREATMENT PHOSPHORUS REMOVAL SYSTEM ...Activated Sludge; Coagulation; Lime Treatment; Pilot Plants; Sewage - Domestic; Waste Treatment Economics; Waste Water Treatment -general; ...2.1279

MATHEMATICAL MODEL OF THE ELECTRODIALYSIS PROCESS FOR ADVANCED WASTE TREATMENT ...Electrodialysis; Model Studies; Waste Water Treatment -general; ...2.1299

PHOSPHATE REMOVAL BY BIOLOGICAL PROCESS ...Activated Sludge; Dewatering; Pilot Plants; ...2.1308

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Centrifugation; Disposal; District of Columbia; Filtration; Waste Drying; Waste Treatment Economics; ...2.1339

DESIGN OF WASTEWATER TREATMENT SYSTEMS TO SATISFY EFFLUENT QUALITY REQUIREMENTS BASED ON INTENDED USE ...Effluent-standards; Impaired Water Use; Waste Treatment; Water Quality -general; Water Reuse; ...2.1344

THE PRODUCTION AND USE OF ACTIVATED CARBON FOR WATER RENOVATION IN KRAFT PULP AND PAPER MILLS ...Florida; Pilot Plants; Pulp and Paper Wastes; Rehabilitation - streams -lakes; Waste Treatment Economics; ...2.1350

BIOLOGICAL TREATMENT OF ACID MINE WATER ...Acid Mine Wastes; Acidity (water); Anaerobic Wastewater Treatment; Model Studies; ...2.1354

CARBON COLUMN OPERATION IN WATER TREATMENT ...Carbon; Cellular Physiology- Env. Eff.; Filtration; Microorganisms -nonspecific; Total Organic Carbon; Waste Water Treatment -general; ...2.1355

OPERATIONAL DEMONSTRATION OF OXIDATION DITCH METHOD OF WASTE TREATMENT ...Lagoon; Oxidation; Pond; Waste Treatment; Waste Water Treatment -general; ...2.1361

POWDERED CARBON TREATMENT OF WASTEWATER ...Activated Sludge; Electrochemistry; Fluidized Bed Reactor; Organics; Thermal Regeneration; Turbidity; Waste Treatment Economics; ...2.1369

RELATIONSHIP OF ACTIVATED SLUDGE BULKING TO ORGANIC LOADING, OXYGEN AVAILABILITY, AND HYDRAULIC CHARACTERISTICS OF THE AERATION TANK ...Activated Sludge; Aeration; Aeration (water); Organics; ...2.1376

KINETICS AND MECHANISMS IN ACTIVATED SLUDGE PROCESSES ...Activated Sludge; Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Kinetics; Sewage Bacteria; Waste Water Treatment -general; ...2.1386

ABATEMENT OF MINE DRAINAGE POLLUTION BY REVERSE OSMOSIS ...Acid Mine Drainage; Acid Mine Wastes; Pilot Plants; Reverse Osmosis; Waste Water Treatment -general; Water Pollution Abatement; Wisconsin; ...2.1392

DEVELOPMENT AND OPTIMIZATION OF THE LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Drainage; Acid Mine Wastes; Drainage; Lime Treatment; Limestone-general; Optimization, Economic; Waste Treatment Economics; ...2.1394

TREATMENT OF WATERCRAFT WASTES ...Boat Discharges; Chlorination; Coagulation; Disposal; Electrochemistry; Ship Wastes; ...2.1395

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Centrifugation; Filtration; Pilot Plants; Waste Drying; Waste Treatment Economics; ...2.1400

BIOLOGICAL TREATMENT PILOT PLANT AND SLUDGE DISPOSAL FACILITY ...Activated Sludge; Burning; Centrifugation; Dewatering; Filters-filtration; Pilot Plants; Waste Treatment Economics; ...2.1406

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ...Burning; Centrifugation; District of Columbia; Filtration; Pilot Plants; Waste Drying; Waste Treatment Economics; ...2.1407

ION EXCHANGE MEMBRANE STUDIES ...Dialysis; Ion Exchange; Ion Selective Membranes; Plate & Frame Membranes; Tubular Membranes; Waste Management -see Specific; Waste Treatment Economics; ...2.1415

STUDY OF COSTS OF TREATING TEXTILE WASTES IN MUNICIPAL AND INDUSTRIAL SEWAGE PLANTS ...Georgia; Textile Industry; Urban Environment; Waste Water Treatment - general; ...2.1416

WATER RESOURCE SYSTEM OPTIMIZATION BY GEOMETRIC PROGRAMMING ...Channels; Economic Theory; Mathematical Analysis; Optimization Technique; Optimization, Economic; Pipelines; ...2.1426

STUDIES TO DEVELOP PROCESS DESIGNS FOR EFFLULNT QUALITY CONTROL ...Effluent-standards; Effluents - Waste Water; Waste Water Treatment -general; Water Quality Control - general; ...2.1435

COMBINED INDUSTRIAL AND MUNICIPAL WASTE TREATMENT ...Biological Treatment-general; Industrial Wastes; Pilot Plants; Pulp and Paper Wastes; Urban Environment; Waste Water Treatment -general; ...3.1455

PROCESSING RETORTING WASTE WATERS ...Chemical Manufacturing Wastes; Oil Removal; Oil Shale; Petroleum Wastes - Spillage; Waste Disposal-see Solid Waste; Waste Material Recovery; ...2.1464

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

EFFECT OF ENVIRONMENTAL FACTORS ON DESIGN AND OPERATION OF OPEN-AIR SLUDGE DRYING BEDS ...Dewatering, Disposal, Physical Effects; Sand Filters; Sewage Testing; ...2.1627

MARKETS TO 1980 FOR WASTE WATER TREATMENT AND RENOVATION FACILITIES ...Chemical Treatment (water); Economic Impact; Forecasting - Prediction; Marketing; Waste Water Treatment -general; ...2.1795

PERFORMANCE OF REGIONALLY RELATED TREATMENT PLANTS ...Effluent-standards; Mathematical Models; Sewer Systems; Stochastic Processes; ...2.1821

SLIME CONTROL ASSOCIATED WITH PULP MILL EFFLUENTS ...Bacterial Pollutant Sources; Carbon; Industrial Wastes; Pulp and Paper Wastes; ...3.0038

OCEANOGRAPHIC FACTORS IN THE FUNCTIONAL DESIGN OF WASTE DISPOSAL SYSTEMS ...California; Data Reduction and Analysis; Fluid Mechanics; Ocean; Ocean Waves -see Waves; Pacific Ocean; Salinity; Sewer Systems; Thermal Properties; ...3.0068

RECOVERY OF CHEMICALS AS A MEANS OF BRINE DISPOSAL ...Brines; Desalination Wastes; Waste Material Recovery; Waste Treatment Economics; ...3.0074

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY GRANULAR ACTIVATED CARBON ...Chemical Oxygen Demand; Organics; Sewage - Domestic; Tertiary Treatment; Waste Treatment Economics; Waste Water Treatment -general; ...3.0075

AERATED LAGOONS & ANAEROBIC REACTORS - A FIELD & LAB STUDY OF THEIR EFFICIENCIES & DESIGN PRINCIPLES IN SEWAGE TREATMENT ...Aeration (water); Anaerobic Wastewater Treatment; Farm Animal Wastes; Sewage Lagoons; ...3.0083

COMPUTER SIMULATION AND DESIGN OF TREATMENT INSTALLATIONS FOR DOMESTIC ...Mathematical Models; Sewage - Domestic; Simulation Theory; Waste Treatment Economics; Water Quality Control -general; ...3.0088

CATTLE FEEDLOT WASTE AND AIR AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Bos; Chlortetracycline; Farm Animal Wastes; Hydrographs; ...3.0092

AEROBIC DISPOSAL OF ANIMAL WASTES WITH CONTINOUS WATER REUSE ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Farm Animal Wastes; Waste Dilution- Self Purifying; Waste Water Degradation; Water Reuse; ...3.0111

EVALUATION OF TREATMENT PLANTS BY TRACER METHODS ...Activation Analysis; Isotope Tracer -see Tracers; Sewage - Domestic; Waste Management -see Specific; ...3.0114

AEROBIC SECONDARY TREATMENT OF POTATO PROCESSING WASTES WITH MECHANICAL AERATION ...Aeration; Aeration (water); Aerobic Waste Water Treatment; Canning Wastes -see Food Proc.; Secondary Treatment; Waste Treatment Economics; ...3.0118

DEVELOPMENT OF A MATHEMATICAL MODEL FOR SEPARATION, COAGULATION AND SEDIMENTATION PROCESS USING ADDITION OF CHEMICALS ...Alum Waste Water Treatment; Coagulation; Effluent-standards; Lime Treatment; Model Studies; Sedimentation; Waste Treatment Economics; ...3.0124

ACTIVATED SLUDGE - BIO-DISC TREATMENT OF DISTILLERY WASTES ...Activated Sludge; Distillery Wastes; Organics; Temperature; Waste Management -see Specific; ...3.0126

CHLORINE CONTACT TANK DESIGN ...Chemical Analysis - general; Disinfection; Flume Studies; Physical Models; Tanks; ...3.0130

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Clay Soils; Farm Animal Wastes; Irrigation; Livestock -nonspecific; Poultry -nonspecific; Silty Soils; Soil Types -also See Specifics; Waste Disposal on Soils; Zea Mays - Field Corn; ...3.0147

TREATMENT AND DISPOSAL OF LOW-LEVEL SLUDGES BY SOLAR EVAPORATION ...Dewatering; Disposal; Evaporation; Waste Treatment Economics; ...3.0151

OPTIMAL DESIGN OF SEWER AND DRAINAGE SYSTEMS ...Fluid Mechanics; ...3.0174

EXPERIMENTS TO DETERMINE THE EFFECTIVENESS OF PHOSPHATE REMOVAL BY MEANS OF THE MOVING BED FILTER ...Filtration; Flocculation; Solid Waste; Waste Treatment Economics; ...3.0215

WEST COXSACKIE PROJECT - HIGH-PERFORMANCE BIO-TREATMENT OF MUNICIPAL SEWAGE ...Activated Sludge; Aerobic Waste Water Treatment; Chlorination; New York; Oxidation; Precipitation; Sewage - Domestic; ...3.0225

ACID EMULSION BREAKING - ACTIVATED SLUDGE FOR BAKERY WASTE ...Activated Sludge; Disposal; Groundwater; New York; Waste Water Treatment -general; ...3.0230

DESIGN OF WASTE TREATMENT FACILITIES BY COMPUTER ...Computer Languages; Economic Theory; Mathematical Analysis; Sanitary Sewage Quantity; Sewage Treatment Plant; Sewer Systems; ...3.0231

PULP INDUSTRY POLLUTION ABATEMENT THROUGH PROCESS MODIFICATION ...Chemical Treatment (water); Forest Industry; Kinetics; Pulp and Paper Wastes; Recycle Water; ...3.0254

BIOLOGICAL CONCEPTS FOR DESIGN AND OPERATION OF THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Biological Treatment-general; Data Reduction and Analysis; ...3.0275

DESIGN OF FACILITIES FOR ANIMAL WASTE DISPOSAL ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Effluents - Waste Water; Farm Animal Wastes; Pilot Plants; Puerto Rico; ...3.0306

THERMOPHILIC AEROBIC PROCESS FOR WASTE TREATMENT ...Activated; Aerobic Waste Water Treatment; Mathematical Models; Thermophilic Bacteria; Waste Water Treatment - general; ...3.0308

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water; Infiltration; Organic Water Properties; Pilot Plants; Safety -see Farm Safety; South Carolina; Waste Management -see Specific; Water Purification; ...3.0310

FARM WASTE DISPOSAL ...Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Farm Animal Wastes; Irrigation; Model Studies; Physical Models; Sewage Lagoons; Tennessee; ...3.0316

Sewage Treatment Plant

PRODUCTION AND DISPERSAL OF PATHOGENIC BACTERIAL AND VIRAL AEROSOLS BY AERATION OF CONTAMINATED WATERS ...Aeration (water); Aerosols; Bacteriophage; Farm Animal Wastes; Statistics; Waste Water Treatment -general; Water Pollution -see Specifics; ...1.0042

CANADARAGO LAKE EUTROPHICATION STUDY ...Agricultural Runoff; Biological Water Properties; Data Acquisition; New York; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Soil Tillage; Urban Runoff; ...2.0256

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Activated Sludge; Environmental Hazards; Groundwater; Landfill; Precipitation; Sanitary Sewage Quantity; Sewage Lagoons; Trickling Filters; ...2.0442

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Degradation - see Pesticide Deg; Fishing; Land Use; Relief; South Dakota; Water Pollution Sources; Water Supply -general; ...2.0799

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EF...ENT PRIOR TO A MAJOR FLOW INCREASE ...Arthropods, Biological Water Properties, Chemical Water Properties, Estuaries, Recreation, Water Resources, Secondary Treatment, Water Pollutant Identification; ...2.0987

DEMINERALIZATION OF WASTEWATER BY THE TRANSPORT-DEPLETION PROCESS ...Demineralization, Electrodialysis, Process Design, Waste Management -see Specific, Waste Water Treatment -general; ...2.1144

ENTERIC VIRUS REMOVAL FROM SEWAGE STABILIZATION PONDS ...Model Studies, Pilot Plants, Pond, Sewage Lagoons, Viral Pollutant Sources, Waste Water Treatment -general; ...2.1167

WATER QUALITY CONTROL WITH SYNTHETIC POLYMERIC FLOCCULANTS - EFFECT OF MG, CA, CU, & ZN IONS ON BACTERIA & ALGAE (ABBREV) ...Additives, Bacterial Pollutant Sources, Flocculation, Waste Water Treatment -general, Water Quality Control -general; ...2.1206

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water), Alum Waste Water Treatment, Chlorination, Disinfection, Electrical Phenomena, Fluid Mechanics, Pilot Plants, Tertiary Treatment, Waste Water Treatment -general; ...2.1221

TREATMENT OF WATERCRAFT WASTES FROM SMALL VESSELS TO SHORE TREATMENT FACILITIES ...Boat Discharges, Marinas, Pumping Stations, Sewage, Tanks, Waste Management -see Specific; ...3.1223

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources, Bacteriophage, Clams, Effluent-standards, Estuaries, Ostreidae (oyster), Pseudomonas, Streptococcus Fecalis, Viral Pollutant Sources, Water Pollutant Identification, Water Quality -general; ...3.1331

TERTIARY TREATMENT BY COUNTER-CURRENT CARBON FILTRATION ...Biochemical Oxygen Demand, Chemical Oxygen Demand, Pilot Plants, Total Organic Carbon; ...2.1427

COMBINED STEEL MILL AND MUNICIPAL WASTEWATERS TREATMENT ...Industrial Wastes, Iron and Steel Industry, Ohio River, Rainfall - Runoff Relationship, Sewage - Domestic, Water Pollution Sources, Water Standards & Baselines; ...2.1454

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific, Algal Physiology, Ecological Effects, Effluents - Waste Water, Forecasting - Prediction, Management, Nutrients, Water Pollutant Identification; ...2.1646

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water), Channels, Contamination - Water, Ecological Effects, Organic Matter, Plant Freshwater Ecology, Primary Productivity - Plants, Thermal Pollution; ...2.1658

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis, Confidence Intervals, Digital Computer Applications, Hudson River, Monte Carlo Methods, Optimization Technique, River Basins, Systems Analysis, Waste Treatment Economics, Water Purification; ...2.1883

SOME LEGAL, SOCIAL AND ECONOMIC PROBLEMS OF GROUNDWATER POLLUTION ...Attitudes & Attitude Change, Legal Studies, Water Costs, Water Quality Control -general; ...2.1910

TREATMENT PROCESSES - WASTES PUMPED FROM SEPTIC TANKS ...Pumps, Septic Tanks, Sewage Bacteria, Waste Treatment; ...3.0096

DESIGN OF WASTE TREATMENT FACILITIES BY COMPUTER ...Computer Languages, Economic Theory, Mathematical Analysis, Process Design, Sanitary Sewage Quantity, Sewer Systems; ...3.0231

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bog, Drainage, Effluents - Waste Water, Lysimeters, Rural Areas, Sewage, Soil Aeration, Soil pH, Waste Disposal on Soils, Water Distribution Systems; ...3.0265

PHOSPHATE REMOVAL BY ACTIVATED SLUDGE PROCESS APPLICATION - PLANT SCALE DEMONSTRATION ...Activated Sludge, Kinetics, Mechanism Determination, Recycle Water, Waste Water Treatment -general; ...3.0269

PHOSPHATE REMOVAL BY ACTIVATED SLUDGE PROCESS SPECIFICATION - PLANT SCALE RESEARCH ...Activated Sludge, Pilot Plants; ...3.0270

Small Sanitation Unit

TREATMENT OF AQUEOUS AGRICULTURAL WASTES FOR CLEAN WATER AND FOR MICROBIAL PROTEIN PRODUCTION ...Aeration (water), Biochemical Oxygen Demand, Farm Animal Wastes, Microorganisms -nonspecific, Product Development Research, Surface Active-other, Water Pollution Sources; ...2.1271

AERATED LAGOONS & ANAEROBIC REACTORS - A FIELD & LAB STUDY OF THEIR EFFICIENCIES & DESIGN PRINCIPLES IN SEWAGE TREATMENT ...Aeration (water), Anaerobic Wastewater Treatment, Farm Animal Wastes, Process Design, Sewage Lagoons; ...3.0083

WASTE TREATMENT FOR AN INDIVIDUAL HOME WITH REUSE OF THE WATER ...Aeration (water), Filters-filtration, Flushing Devices, Materials, Composite, Recycle Water; ...3.0139

Storage Retention Facilities

TREATMENT OF PEAK WET WEATHER WASTEWATER FLOWS AND RATE CONTROL OF ALL WASTEWATER DISCHARGES TO INTERCEPTOR SEWERS ...Aeration (water), Infiltration, Overflow -see Fluid Mechanics, Sewage Lagoons, Sewer Systems, Storm Sewer Quantity, Waste Water Treatment -general; ...2.1190

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general, Disposal Wastes, Groundwater, Industrial Wastes, Organic Matter, Seepage (water), Sewage Lagoons, Waste Management -see Specific, Water Pollutants - Path of, Water Quality -general; ...2.1360

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Chlorination, Combustible Filters, Filters-filtration, Massachusetts, Pumps, Sewage Bacteria, Storm Sewer Quantity, Waste Treatment Economics; ...3.0169

ECONOMIC OPTIMIZATION OF SECONDARY TREATMENT AND DETERMINATION OF LOAD TO CONTROL BIOLOGICAL GROWTHS IN A STREAM ...Aeration (water), Lagoon, Optimization, Economic, Secondary Treatment, Waste Treatment Economics; ...3.0336

Waste Treatment - Radiation

PHOTOCHEMICAL METHODS FOR PURIFYING WATER ...Chemical Oxygen Demand, Effluents - Waste Water, Pesticide Residues Removal, Pesticides -nonspecific, Photolysis, Pilot Plants, Washington; ...2.0877

GAMMA RADIATION OF TEXTILE WASTE WATER TO REDUCE POLLUTION ...Biochemical Oxygen Demand, Chemical Mechanisms & Kinetics, Detergents -see Surfactants, Industrial Wastes, Radiolysis, Temperature, Textile Industry, Waste Water Treatment -general; ...2.1141

EDDY DIFFUSION AND BACTERIAL REDUCTION IN WASTE FIELDS ...Bacteria, Coliform -nonspecific, Light, Marine Plants, Optical Properties of Water; ...2.1181

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific, Calorimetry, Degradation, Fungi -nonspecific, Industrial Wastes, Photolysis, Pulp and Paper Wastes, Thin Layer Chromatography, Waste Water Degradation; ...3.0284

INTEGRATED WASTE MANAGEMENT - WATER SYSTEM USING RADIOISOTOPES FOR THERMAL ENERGY ...Biological Waste Recycling, Feces, Isotope Effects, Radioisotopes, Urine, Water Supply Facilities; ...3.0290

Waste Treatment Economics

EFFICIENCY OF FIBROUS BED COALESCERS ...Coalescence, Industrial Wastes, Waste Management -see Specific; ...2.0891

OXYGENATION OF AQUEOUS BODIES USING LIQUID OXYGEN ...Aeration (water), Chemical Mechanisms & Kinetics, Diffusion, Process Development; ...2.0916

DISINFECTION OF RENOVATED WASTEWATER ...Chlorination, Disinfection, General Recreation Studies, Ozonization, Sewage - Domestic, Water Reuse; ...2.0931

TREATMENT OF COAL MINE WATERS TO MEET CURRENT COMMONWEALTH WATER DISCHARGE REQUIREMENTS ...Coal, Pennsylvania, Waste Management -see Specific, Water Pollution Sources; ...2.0937

TECHNICAL FEASIBILITY AND ANALYSIS OF COSTS AND EFFECTIVENESS OF BULK TRANSPORT OF SEWAGE TREATMENT PLANT SLUDGE AND DREDGING SPOILS ...Bulk, Disposal, Dredging, Great Lakes -see Specific Lake, Maryland, Ohio, Pipelines, Railroads -see Transportation, Sludge, Trucks, Urban Research -general, Waste Management -see Specific; ...2.0973

CHARACTERIZATION OF STREAM REAERATION CAPACITY ...Aeration (water), Mathematical Models, Tracers, Waste Water Treatment -general; ...2.0998

REMOVAL OF NUTRIENTS FROM ENRICHED FLOWS & WASTE EFFLUENTS BY THE HYDROPONIC CULTURE OF SUITABLE FORAGE PLANTS & GRASSES ..Benefit-cost Analysis, Economic Feasibility, Effluents - Waste Water, Nutrients, Waste Water Treatment -general, ..2.1081

ECONOMIC DISPOSAL OF WASTE SLUDGES FROM WATER TREATMENT PLANTS ..Additives, Coagulation, Dewatering, Disposal, Electrochemistry, Filtration, Water Purification, ..2.1121

ELECTROMEMBRANE PROCESS FOR REGENERATING ACID FROM SPENT PICKLE LIQUOR ..Electrochemistry, Membranes, Metal Processing Wastes, Waste Material Recovery, ..2.1143

DEMINERALIZATION OF WASTEWATER BY THE TRANSPORT-DEPLETION PROCESS ..Demineralization, Electrocoagulation, Process Design, Waste Management -see Specific, Waste Water Treatment -general, ..2.1144

EVALUATION OF AN OXIDATION-DITCH WASTEWATER TREATMENT PLANT IN SUB-ARCTIC ALASKA ..Alaska, Biological Treatment-general, Mathematical Models Meteorological Extremes, Oxygen, Pond, Sub - Polar Regions, ..2.1150

REDUCTION OF SALT CONTENT OF FOOD PROCESSING LIQUID WASTE EFFLUENT ..Brackish Water, Food Processing Wastes, Ion Exchange, Waste Material Recovery, ..2.1165

A STUDY OF A PROCESS FOR PHOSPHATE REMOVAL FROM WATER SUPPLIES USING LANTHANUM PRECIPITATION ..Process Design, Waste Material Recovery, ..2.1172

THE IMPACT OF MUNICIPAL SEWERAGE CHARGES ..Costs - see Economics Entries, Economic Impact, Industrial Wastes, Price & Value -see Economics, Public Utilities, Sewage, ..2.1194

WATER TREATMENT BY REVERSE OSMOSIS METHOD ..Economic Efficiency, Fresh Water, Membranes, Pilot Plants, Reverse Osmosis, Waste Water Treatment -general, Water Reuse, ..2.1195

CONCENTRATION OF SUGAR BEET WASTES FOR ECONOMIC TREATMENT WITH BIOLOGICAL SYSTEMS ..Aerobic Waste Water Treatment, Biochemical Oxygen Demand, Effluent-standards, Precipitation, ..2.1199

TREATMENT OF BRASS MILL EFFLUENTS ..Casting of Materials, Coatings -see Materials, Dewatering, Effluents - Waste Water, Industrial Wastes, Metal Processing Wastes, Pilot Plants, Sludge, ..2.1208

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ..Agricultural Studies -general, Delaware, Food Processing Industries, Irrigation, Plant Waste Removal, Treatment, Rain, Vegetables, Water Costs, ..2.1214

RECONDITIONING AND REUSE OF FOOD PROCESSING BRINES ..Brines, Canning Wastes -see Food Proc., Filtration, Lagoon, Waste Material Recovery, Waste Water Treatment -general, Water Reuse, ..2.1217

CHEMICAL SLUDGE DISPOSAL AND CHEMICAL RECOVERY AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ..Burning, District of Columbia, Pilot Plants, Tertiary Treatment, Vacuum Techniques, Waste Material Recovery, ..2.1222

REVERSE OSMOSIS DEVELOPMENT FOR ACID MINE DRAINAGE CONVERSION ..Acid Mine Drainage, Acid Mine Wastes, Pilot Plants, Reverse Osmosis, Spiral Wound Membranes, Water Reuse, West Virginia, ..2.1225

TREATMENT OF SELECTED INTERNAL KRAFT MILL WASTES IN COOLING TOWERS ..Biochemical Oxygen Demand, Cooling Towers, Industrial Wastes, Pilot Plants, Pulp and Paper Wastes, ..2.1238

WHITE WATER CLARIFICATION AND REUSE ..Electrochemistry, Flocculation, Optimization, Economic, Pulp and Paper Wastes, Water Reuse, ..2.1244

AMMONIA STRIPPING MATHEMATICAL MODEL FOR WASTE WATER TREATMENT ..Aeration (water), Computer Languages, Development of Models, Finance -see Economics Entries, Mathematical Models, Model Studies, Precipitation, ..2.1246

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ..Canning Wastes -see Food Proc., Food Processing Industries, Industrial Wastes, Photometry, Plant Waste Removal, Treatment, Taste & Odor of Water, Water Quality Control -general, ..2.1249

AMES DESIGN PARAMETERS ..Government -see Federal Gov., Iowa, Sand Filters, Waste Treatment, Waste Water Treatment -general, Water Resources Planning, ..2.1269

USE OF LIME-SODA ASH SLUDGE FOR THE TREATMENT OF MUNICIPAL WASTEWATER ..Disposal, Lime Treatment, Sewage - Domestic, Water Pollution Sources, ..2.1275

PILOT PLANT DEMONSTRATION OF A LIME-BIOLOGICAL TREATMENT PHOSPHORUS REMOVAL SYSTEM ..Activated Sludge, Coagulation, Lime Treatment, Pilot Plants, Process Design, Sewage - Domestic, Waste Water Treatment -general, ..2.1279

AN ELECTROCHEMICAL METHOD FOR REMOVAL OF PHOSPHATES FROM WASTEWATERS ..Electrochemistry, ..2.1297

SELECTIVE NITRATE AND PHOSPHATE REMOVAL ..Bench Scale, Denitrification -see Nitrogen, Ion Exchange, Ion Selective Membranes, Waste Treatment, ..2.1300

EFFICIENCY AND ECONOMY OF POLYMERIC SEWAGE CLARIFICATION ..Combustible Filters, Flocculation, Recycle Water, Urban Research -general, ..2.1315

EVALUATION OF CURRENT TECHNIQUES OF NUTRIENT REMOVAL FROM WASTE WATERS ..Biological Treatment-general, Chemical Treatment -general, Nitrogen and Nitrogen Cpds, Phosphorus and Phosphorus Cpds, ..2.1318

AN INVESTIGATION OF LIGHT-CATALYZED CHLORINE FOR TREATMENT OF WASTE WATER ..Chlorination, Chlorine, Light-catalyzed, Organics, Oxidation, Waste Water -general, Waste Water Treatment -general, ..2.1321

COLOR AND MINERAL REMOVAL FROM KRAFT BLEACH WASTES ..Color (water), Demineralization, Lime Treatment, Pulp and Paper Wastes, ..2.1330

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ..Burning, Centrifugation, Disposal, District of Columbia, Filtration, Process Design, Waste Drying, ..2.1339

DEEPWATER PILOT PLANT ENGINEERING AND INTERCEPTOR FEASIBILITY STUDY ..Biochemical Oxygen Demand, Delaware Bay, Dye Wastes, Industrial Wastes, New Jersey, Pilot Plants, ..2.1340

THE PRODUCTION AND USE OF ACTIVATED CARBON FOR WATER RENOVATION IN KRAFT PULP AND PAPER MILLS ..Florida, Pilot Plants, Pulp and Paper Wastes, Rehabilitation - streams -lakes, ..2.1350

CONTROL OF MINERAL CONSTITUENTS IN WASTE WATER BY ELECTRODIALYSIS ..Demineralization, Electrodialysis, Mineralogical Water Properties, Pilot Plants, Solid Waste, Waste Water Treatment -general, ..2.1364

REMOVAL OF SUSPENDED SOLIDS AND PHOSPHATE FROM A SECONDARY EFFLUENT BY ALUM COAGULATION AND DUAL MEDIA FILTRATION ..Alum Waste Water Treatment, Biochemical Oxygen Demand, Electrodialysis, Flocculation, Ion Exchange, Sand Filters, Solid Waste, ..2.1365

DISSOLVED INORGANIC REMOVAL--SELECTIVE ION AND ORGANIC REMOVAL BY ION EXCHANGE RESINS ..Demineralization, Ion Exchange, Nutrients, Organics, Waste Material Recovery, Waste Water Treatment -general, ..2.1366

POWDERED CARBON TREATMENT OF WASTEWATER ..Activated Sludge, Electrochemistry, Fluidized-bed Reactor, Organics, Process Design, Thermal Regeneration, Turbidity, ..2.1369

STUDY OF UTILIZATION AND DISPOSAL OF LIME SLUDGES CONTAINING PHOSPHATES ..Disposal, Lime Treatment, Product Development Research, Waste Material Recovery, Waste Water Treatment -general, ..2.1379

NEUTRALIZATION AND PRECOAT FILTRATION OF CONCENTRATION SLUDGES FROM MINE WATER ..Acid Mine Wastes, Benefit-cost Analysis, Drainage, Mining Industry, Neutralization, ..2.1391

RECOVERY OF IRON IN A MORE DENSE FORM FROM COAL MINE DRAINAGE ..Acid Mine Wastes, Bench Scale, Mine Drainage Control, Mineral Processing Industry, Waste Material Recovery, ..2.1393

DEVELOPMENT AND OPTIMIZATION OF THE LIMESTONE TREATMENT OF MINE DRAINAGE ..Acid Mine Drainage, Acid Mine Wastes, Drainage, Lime Treatment, Limestone-general, Optimization, Economic, Process Design, ..2.1394

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT ..Burning, Centrifugation, Filtration, Pilot Plants, Process Design, Waste Drying, ..2.1400

DEVELOPMENT OF CRITERIA FOR REGIONALIZATION OF WATER WASTES MANAGEMENT SYSTEMS ..Administrative Organizations, Management (water), Social Aspects, Waste Disposal-see Solid Waste, Water Costs, Water Standards & Baselines, ..2.1403

BIOLOGICAL TREATMENT PILOT PLANT AND SLUDGE DISPOSAL FACILITY ..Activated Sludge, Burning, Centrifugation, Dewatering, Filters-filtration, Pilot Plants, Process Design, ..2.1406

A CONCEPTUAL STUDY OF THE DISTRICT OF COLUMBIA BIOLOGICAL TREATMENT PILOT PLANT - Burning, Centrifugation, District of Columbia, Filtration, Pilot Plants, Process Design, Waste Drying. 2.1407

ZEOLITE REMOVAL OF 137-CS FROM LIQUID WASTE - Adsorption, Waste Management -see Specific. 2.1414

ION EXCHANGE MEMBRANE STUDIES - Dialysis, Ion Exchange, Ion Selective Membranes, Plate & Frame Membranes, Process Design, Tubular Membranes, Waste Management -see Specific. 2.1415

STUDY OF COSTS OF TREATING TEXTILE WASTES IN MUNICIPAL AND INDUSTRIAL SEWAGE PLANTS - Georgia, Process Design, Textile Industry, Urban Environment, Waste Water Treatment -general. 2.1416

REMOVAL OF NITROGENOUS COMPOUNDS FROM A FERTILIZER PLANT EFFLUENT USING A MODIFIED OPERATION OF CONVENTIONAL WASTE TREATMENT SYSTEMS - Aeration (water), Denitrification -see Nitrogen, Ion Exchange, Precipitation, Trickling Filters. 2.1417

PHOSPHORUS REMOVAL AND DISPOSAL FROM MUNICIPAL WASTEWATER - Denitrification -see Nitrogen, Sewage - Domestic, Waste Disposal-see Solid Waste. 2.1429

DEVELOPMENT AND DEMONSTRATION OF MATERIALS TO REDUCE OR ELIMINATE WATER INFILTRATION INTO SEWERAGE - Costs -see Economics Entries, Groundwater Movement, Infiltration, Materials properties, Sanitary Sewage Quantity, Waste Dilution Self Purifying. 2.1433

THE THICKENING AND DEWATERING OF PRECIPITATES FROM THE LIME/LIMESTONE TREATMENT OF MINE DRAINAGE - Acid Mine Wastes, Centrifugation, Disinfection, Filtration, Lime Treatment, Thickening. 2.1453

WATER RESERVOIR SYSTEMS - Atmosphere Disturbance, Flood flow Design, Rainfall - Runoff Relationship, Storm Sewer Quantity, Urban Environment, Urban Runoff, Water Storage. 2.1786

EFFICIENT PRICING FOR URBAN WASTE WATER RENOVATION - PHASE I - Activated Sludge, Computer Models, Plating Wastes, Simulation Theory, Urban Research -general. 2.1807

A METHODOLOGY FOR PLANNING OPTIMAL REGIONAL WASTE MANAGEMENT SYSTEMS - Management (water), Optimization, Economic, Systems Analysis - Water Mgmt, Water Resources Planning. 2.1841

THE ECONOMICS OF WATER SUPPLY AND QUALITY - Benefit-cost Analysis, Estuaries, River Basins, Water Pollution Abatement, Water Resources Planning. 2.1847

PUBLIC INVESTMENTS IN NATURAL RESOURCES - Drainage, Expenditures, Floods, Inventories, Minnesota, Recreation, Water Resources, Regional or State Studies, Types of Resources. 2.1859

ECONOMICS OF WATER QUALITY CONTROL IN THE UPPER MISSISSIPPI RIVER (MINNESOTA) - Benefit-cost Analysis, Disposal Wastes, Minnesota, Model Studies, Water Purification, Water Resources Planning. 2.1860

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II - Benefit-cost Analysis, Confidence Intervals, Digital Computer Applications, Hudson River, Monte Carlo Methods, Optimization Technique, River Basins, Systems Analysis, Water Purification. 2.1883

COST REDUCING TECHNIQUES OF WASTE DISPOSAL AND OPTIMUM USE OF WATER RESOURCES - Canning Wastes -see Food Proc., Food Processing Industries, Industrial Wastes, Optimization, Economic, Waste Treatment, Waste Water Treatment -general, Water Quality Control -general. 2.1890

ENGINEERING ANALYSIS OF WASTE TREATMENT - Electrodialysis, Mathematical Models, Waste Water Treatment -general, Water Reuse. 2.1893

CRITERIA FOR DETERMINING ECONOMIC PRIORITIES IN AWARDING SEWAGE FACILITY CONSTRUCTION GRANTS - Economic Efficiency, Factor Analysis, Pennsylvania, Welfare Economics. 2.1908

THE EVALUATION OF ACROLEIN AND ANALOGS TO DEODORIZE SEPTIC WATERS - Aldehydes -nonspecific, Septic Tanks, Sewage Bacteria. 5.0051

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL - Agricultural Runoff, Farm Animal Wastes, Irrigation, Taste & Odor of Water, Water Pollution Sources. 5.0060

SUBARCTIC AERATION LAGOON INVESTIGATIONS, BIOKINETIC REQUIREMENTS AND SEASONAL AND DURNAL EFFECTS ON NUTRIENT BALANCE - Aeration (water), Alaska, Lagoon, Military Aspects, Nutrients, Pilot Plants. 5.0062

TECHNICAL AND ECONOMIC APPRAISAL OF PACKAGED SEWAGE TREATMENT SYSTEMS - Consumption, Waste Treatment, Waste Water Treatment -general. 5.0073

RECOVERY OF CHEMICALS AS A MEANS OF BRINE DISPOSAL - Brines, Desalination Wastes, Process Design, Waste Material Recovery. 5.0074

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY GRANULAR ACTIVATED CARBON - Chemical Oxygen Demand, Organics, Process Design, Sewage - Domestic, Tertiary Treatment, Waste Water Treatment -general. 5.0075

TECHNIQUES FOR IMPROVING THE AMOUNT AND EFFICIENCY OF OXYGEN INCORPORATION INTO RAPID-RATE BIOLOGICAL WASTE TREATMENT SYSTEMS - Activated Sludge, Oxidation, Rapid Reactions, Sewage Bacteria, Waste Treatment. 5.0087

COMPUTER SIMULATION AND DESIGN OF TREATMENT INSTALLATIONS FOR DOMESTIC - Mathematical Models, Process Design, Sewage - Domestic, Simuletion Theory, Water Quality Control -general. 5.0088

EVALUATION OF THE APPLICABILITY OF AERATED LAGOONS FOR SEWAGE TREATMENT ON THE CANADIAN PRAIRIES - Activated, Aeration (water), Canada, Economic Efficiency, Lagoon, Sewage - Domestic, Sewage Lagoons. 5.0090

SENSORS FOR CONTROLLING THE ACTIVATED SLUDGE PROCESS - Activated Sludge, Detectors and Sensors, Economic Efficiency, Effluents - Waste Water, Georgia. 5.0116

AEROBIC SECONDARY TREATMENT OF POTATO PROCESSING WASTES WITH MECHANICAL AERATION - Aeration, Aeration (water), Aerobic, Waste Water Treatment, Canning Waste, -see Food Proc., Process Design, Secondary Treatment. 5.0118

DEVELOPMENT OF A MATHEMATICAL MODEL FOR SEPARATION, COAGULATION AND SEDIMENTATION PROCESS USING ADDITION OF CHEMICALS - Alum Waste Water Treatment, Coagulation, Effluent-standards, Lime Treatment, Model Studies, Process Design, Sedimentation. 5.0124

ACTIVATED SLUDGE - BIO-DISC TREATMENT OF DISTILLERY WASTES - Activated Sludge, Distillery Wastes, Organics, Temperature, Waste Management -see Specific. 5.0126

BIOPOLYMERS AND POLYMER PRODUCING MICROORGANISMS IN ACTIVATED SLUDGE - Activated Sludge, Food Processing Wastes, Microorganisms -nonspecific, Sewage - Domestic, Soil Bacteria, Water Pollution Sources. 5.0127

TREATMENT AND DISPOSAL OF LOW-LEVEL SLUDGES BY SOLAR EVAPORATION - Dewatering, Disposal, Evaporation, Process Design. 5.0151

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION - Chlorination, Combustible Filters, Filters-filtration, Massachusetts, Pumps, Sewage Bacteria, Storm Sewer Quantity. 5.0169

IMPROVE METHODS, EQUIPMENT & FACILITIES FOR HANDLING WASTE MATERIAL FROM LIVESTOCK MARKETS & FEEDLOT - Agricultural Runoff, Costs -see Economics Entries, Farm Animal Wastes, Lagoon, Taste & Odor of Water, Water Costs. 5.0203

WASTE MANAGEMENT, CONTROL, AND DISPOSAL IN MIDWEST BEEF FEEDLOTS - Animal Wastes - Feed Lots, Farm Animal Wastes, Nitrogen and Nitrogen Cpds, Rainfall - Runoff Relationship, Storm Water, Waste Water Treatment -general. 5.0212

EXPERIMENTS TO DETERMINE THE EFFECTIVENESS OF PHOSPHATE REMOVAL BY MEANS OF THE MOVING BED FILTER - Filtration, Flocculation, Process Design, Solid Waste. 5.0215

SEPARATION OF SANITARY SEWAGE FROM COMBINED SYSTEMS OF SEWERAGE - Pipe, Residential Buildings, Sewer Systems, Storm Water. 5.0244

HYDROLYSIS OF SLUDGE USING LOW PRESSURE STEAM WITH SO2 AS A HYDROLYTIC ADJUNCT AND TO STUDY THE UTILIZATION OF THE RESULTING HYDROLYSATE - Digestion, Hydrolysis, Esterification, Product Development Research, Sulfur Dioxide, Waste Material Recovery, Waste Water Treatment -general. 5.0245

PIPELINE FLOW OF SOLIDS-LIQUID SUSPENSIONS - Fluid Mechanics, Pipe, Pipelines, Pipes, Sludge. 5.0247

SOLUBLE PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PROCESS - Activated Sludge, Alum Waste Water Treatment, Phosphorus and Phosphorus Cpds, Sewage, Sewage Bacteria. 5.0300

HIGH-RATE, MULTIPLE MEDIUM FILTRATION FOR SECONDARY TREATMENT OF MUNICIPAL WASTE WATER

...Biochemical Oxygen Demand; Chemical Analysis -general; Coagulation; Digestion; Effluent-standards; Filtration; Secondary Treatment; ...3.0302

RECOVERY AND UTILIZATION OF PROTEINS AND OTHER VALUABLES FROM POTATO STARCH FACTORY WASTES ...Biochemical Analysis - Tissues; Costs -see Economics Entries; Drying; Food Processing Industries; Freeze Drying; Pilot Plants; Precipitation; Waste Drying; ...3.0305

DEMONSTRATION OF A NEW PROCESS FOR THE TREATMENT OF HIGH POLLUTANT CONCENTRATION TEXTILE AND FINISHING WASTES ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Industrial Wastes; Oxidation; Rhode Island; Textile Industry; Waste Water Treatment -general; ...3.0307

TREATMENT OF COTTON TEXTILE WASTE BY ENZYMES AND UNIQUE HIGH RATE TRICKLING FILTER SYSTEM ...Aerobic Waste Water Treatment; Catalysts; Effluent-standards; Textile Industry; Trickling Filters; ...3.0315

ECONOMIC OPTIMIZATION OF SECONDARY TREATMENT AND DETERMINATION OF LOAD TO CONTROL BIOLOGICAL GROWTHS IN A STREAM ...Aeration (water); Lagoon; Optimization, Economic; Secondary Treatment; ...3.0336

LABORATORY SCALE FEASIBILITY STUDY OF USING REVERSE OSMOSIS TO CONCENTRATE PRE-TREATED DOMESTIC SEWAGE ...Activated Sludge; Bench Scale; Disinfection; Potable Water; Potable Water -see Potable; Reverse Osmosis; Sewage - Domestic; ...3.0355

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

Waste Treatment Stages

Primary Treatment

RI - AN EVALUATION OF THE BOD TEST ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Kinetics; Secondary Treatment; Sedimentation; Sewage - Domestic; Tertiary Treatment; ...2.0830

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated; Artificial Recharge; Chemical Water Properties; Hawaii; Land Use; Storm Water; Urban Runoff; Water Standards & Baselines; ...2.1239

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Groundwater; Land Use; Percolation (water); Secondary Treatment; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1907

THERMOPHILIC AEROBIC PROCESS FOR WASTE TREATMENT ...Activated; Aerobic Waste Water Treatment; Mathematical Models; Process Design; Thermophilic Bacteria; Waste Water Treatment -general; ...3.0308

Secondary Treatment

ORGANIC NUTRIENT FACTORS AFFECTING ALGAL GROWTH ...Algae - Chlorophyta; Algae - Cyanophyta; Algae - nonspecific; Carbon; Nutrients; ...2.0704

RI - AN EVALUATION OF THE BOD TEST ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Kinetics; Primary Treatment; Sedimentation; Sewage - Domestic; Tertiary Treatment; ...2.0830

THE REMOVAL OF IMPURITIES IN TRICKLING FILTER EFFLUENTS ...Coagulation; Electrophoresis; Pond; Tertiary Treatment; Types of Resources; Zeta Potential; ...2.0944

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EFFLUENT PRIOR TO A MAJOR FLOW INCREASE ...Arthropods; Biological Water Properties; Chemical Water Properties; Estuaries; Recreation, Water Resources; Sewage Treatment Plant; Water Pollutant Identification; ...2.0987

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated; Artificial Recharge; Chemical Water Properties; Hawaii; Land Use; Primary Treatment; Storm Water; Urban Runoff; Water Standards & Baselines; ...2.1239

ARMOUR INDUSTRIAL CHEMICAL SECONDARY WASTEWATER TREATMENT ...Aerobic Waste Water Treatment; Chemical Industry; Chemical Oxygen Demand; Food Processing Industries; Local Government; Pilot Plants; Water Pollution -see Specifics; ...2.1243

PILOT SCALE INVESTIGATIONS OF WELL RECHARGE USING CORED SAMPLES ...Aquifers; Cambrian Period; Effluents - Waste Water; Injection Wells; Sandstones; Sewage; Waste Water Treatment -general; ...2.1254

DEEPWATER PILOT PLANT ENGINEERING AND INTERCEPTOR FEASIBILITY STUDY ...Biochemical Oxygen Demand; Delaware Bay; Dye Wastes; Industrial Wastes; New Jersey; Pilot Plants; Waste Treatment Economics; ...2.1340

ADVANCED WASTE TREATMENT FOR WATER RECLAMATION AND REUSE BY INJECTION ...Aquifers; Effluent-standards; Groundwater; Optimization, Economic; Water Reuse; ...2.1347

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Groundwater; Land Use; Percolation (water); Primary Treatment; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1907

AEROBIC SECONDARY TREATMENT OF POTATO PROCESSING WASTES WITH MECHANICAL AERATION ...Aeration; Aeration (water); Aerobic Waste Water Treatment; Canning Wastes -see Food Proc.; Process Design; Waste Treatment Economics; ...3.0118

HIGH-RATE, MULTIPLE MEDIUM FILTRATION FOR SECONDARY TREATMENT OF MUNICIPAL WASTE WATER ...Biochemical Oxygen Demand; Chemical Analysis -general; Coagulation; Digestion; Effluent-standards; Filtration; Waste Treatment Economics; ...3.0302

ECONOMIC OPTIMIZATION OF SECONDARY TREATMENT AND DETERMINATION OF LOAD TO CONTROL BIOLOGICAL GROWTHS IN A STREAM ...Aeration (water); Lagoon; Optimization, Economic; Waste Treatment Economics; ...3.0336

Tertiary Treatment

EUTROPHICATION - REMOVAL OF NUTRIENTS - SHAGAWA LAKE ...Algal Pollutant Sources; Denitrification -see Nitrogen; Eutrophication; Minnesota; Pilot Plants; Trickling Filters; Water Standards & Baselines; ...2.0203

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Effluents - Waste Water; Lake Stages; Lower Plants; Nutrients; Phytoplankton; Plant Productivity -general; ...2.0641

DISSOLVED INORGANIC REMOVAL BIOASSAY OF ALGAL GROWTH POTENTIAL ...Algae -nonspecific; Algal Pollutant Sources; Cellular Metabolism - Controls; Nitrogen and Nitrogen Cpds.; ...2.0718

kI - AN EVALUATION OF THE BOD TEST ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Kinetics; Primary Treatment; Secondary Treatment; Sedimentation; Sewage - Domestic; ...2.0830

PHOTOCHEMICAL METHODS FOR PURIFYING WATER ...Chemical Oxygen Demand; Effluents - Waste Water; Pesticide Residues Removal; Pesticides -nonspecific; Photolysis; Pilot Plants; Washington; ...2.0877

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY REVERSE OSMOSIS ...Carbon Filters; Chemical Oxygen Demand; Effluents - Waste Water; Fouling; Reverse Osmosis; ...2.0879

EFFECTS OF CHEMICAL IONS ON VIRUS INACTIVATION ...Ion Exchange; Viral Pollutant Sources; Virus; Waste Water Treatment -general; ...2.0900

TERTIARY TREATMENT BY FLOCCULATION AND RAPID SAND FILTRATION ...Additives; Flocculation; Sedimentation; Waste Water Treatment -general; ...2.0935

THE REMOVAL OF IMPURITIES IN TRICKLING FILTER EFFLUENTS ...Coagulation; Electrophoresis; Pond; Types of Resources; Zeta Potential; ...2.0944

ELECTROCHEMICAL ACTIVATION AND REGENERATION OF CARBON SURFACES FOR TERTIARY WATER TREATMENT ...Chemical Regeneration; Electrochemistry; Electrolytic; Organics; Waste Water Treatment -general; ...2.0950

ADVANCED WASTEWATER TREATMENT USING POWDERED ACTIVATED CARBON IN RECIRCULATING SLURRY CONTACTOR-CLARIFIERS ...Activated Sludge; Adsorption; Bench Scale; Chemical Oxygen Demand; Coagulation; Waste Water Treatment -general; ...2.1153

PARAMETRIC STUDY OF THE KINETICS OF PRECIPITATION AND NATURE OF THE PRECIPITATE OBTAINED IN PHOSPHATE REMOVAL USING IRON AND ALUMINUM SALT ...Chemical Mechanisms & Kinetics; Precipitation; ...2.1173

TERTIARY TREATMENT IN THE PURIFICATION OF WASTE WATER ...Activated Sludge; Alum Waste Water Treatment; Denitrification -see Nitrogen; Ocean; Septic Tanks; Trickling Filters; Waste Water Treatment -general; ...2.1180

SORPTION BEHAVIOR OF ORGANIC PYROPOLYMERS IN AQUECUS SOLUTION ...Adsorption; Organics; Pesticides; Porosity Thermal Treatment; Waste Water Treatment -general; ...2.1215

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Alum Waste Water Treatment; Chlorination; Disinfection; Electrical Phenomena; Fluid Mechanics; Pilot Plants; Waste Water Treatment -general; ...2.1221

CHEMICAL SLUDGE DISPOSAL AND CHEMICAL RECOVERY AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Burning; District of Columbia; Pilot Plants; Vacuum Techniques; Waste Material Recovery; Waste Treatment Economics; ...2.1222

BIOLOGICAL ASPECTS OF TERTIARY PONDS ...Contamination - Water; Effluents - Waste Water; Phytoplankton; Pond; Protozoa; Sewage; Sewage Bacteria; ...2.1250

PILOT SCALE INVESTIGATIONS OF WELL RECHARGE USING CORED SAMPLES ...Aquifers; Cambrian Period; Effluents - Waste Water; Injection Wells; Sandstones; Sewage; Waste Water Treatment -general; ...2.1254

DEVELOPMENT OF PULSATING ADSORPTION FILTER FOR TERTIARY TREATMENT OF WASTE WATERS ...Adsorption; Ash-coal Filters; Coal; Organic Matter; Pilot Plants; Sand Filters; Waste Water Degradation; ...2.1270

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Water Depth, Water Levels; ...2.1272

THE CHARACTERIZATION OF SOLUBLE PHOSPHORUS COMPOUNDS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Activated Sludge; Densitometer; Hydrolysis, Esterification; Sewage - Domestic; Thin Layer Chromatography; ...2.1303

REMOVAL OF PHOSPHATES BY SORPTION ON ACTIVATED ALUMINA ...Adsorption; Alum Waste Water Treatment; Demineralization; Potable Water; Waste Material Recovery; Water Chemistry; ...2.1326

TREATMENT NEEDED BY SEWAGE BEFORE INJECTION-WELL RECHARGE ...Artificial Recharge; Chlorination; Filters-filtration; Rapid Filters; Sand Filters; Waste Disposal, Underground; ...2.1343

TERTIARY TREATMENT OF ANIMAL WASTE WATERS ...Aerobic Waste Water Treatment; Bos; Denitrification -see Nitrogen; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1346

POWDERED CARBON TREATMENT OF WASTEWATER ...Activated Sludge; Electrochemistry; Fluidized Bed Reactor; Organics; Process Design; Thermal Regeneration; Turbidity; Waste Treatment Economics; ...2.1369

LIME SLUDGE RECOVERY AND REUSE ...Lime Treatment; Sludge; Turbidity; Waste Material Recovery; ...2.1370

ELECTRODIALYSIS TREATMENT OF SECONDARY EFFLUENT ...Demineralization; Fluid Mechanics; Pilot Plants; Waste Water Treatment -general; Water Reuse; ...2.1380

SINGLE STAGE LIME TREATMENT OF WASTEWATER ...Demineralization; Flocculation; Lime Treatment; Turbidity; Waste Water Treatment -general; ...2.1381

A STUDY OF SOME OF THE FACTORS WHICH INFLUENCE THE EFFICIENCY OF OXIDATION PONDS IN THE TERTIARY TREATMENT OF WASTE WATER ...Oxidation; Pond; Texas; Waste Water Treatment -general; ...2.1420

TERTIARY TREATMENT BY COUNTER-CURRENT CARBON FILTRATION ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Pilot Plants; Sewage Treatment Plant; Total Organic Carbon; ...2.1427

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS ...Animal Predation; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Industrial Wastes; Petroleum Industry; Population Dynamics -general; Water Pollutant Identification; ...2.1674

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY GRANULAR ACTIVATED CARBON ...Chemical Oxygen Demand; Organics; Process Design; Sewage - Domestic; Waste Treatment Economics; Waste Water Treatment -general; ...3.0075

STORAGE AND DISPOSAL OF WASTES RESULTING FROM THE CONCENTRATION OF LOW GRADE IRON ORE ...Disposal Wastes; Iron; Management (water); Michigan; Pond; Water Reuse; ...3.0189

APPLICATION OF HYPERFILTRATION WITH DYNAMICALLY-FORMED MEMBRANES TO TREATMENT OF MUNICIPAL SEWAGE EFFLUENTS ...Activated Sludge; Effluent-standards; Electrochemistry; Membranes; Porosity; Sewage; ...3.0319

Waste Water -general

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Water Standards & Baselines; ...1.0018

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Borehole Geophysics; Burial; Groundwater; Idaho; Isotope Tracer -see Tracers; Radioisotopes; Water Pollution Sources; ...2.0569

CONSTRUCTION OF WASTE WATER SAMPLING AND ANALYTICAL EQUIPMENT ...Water Quality -general; ...2.0825

FOAM SEPARATION FLOTATION OF COLLOID ORGANIC SYSTEMS ...Chelation & Complexing; Demineralization; Fluid Mechanics; Mineralogical Water Properties; Process Design; Surfactants -see Detergents; Waste Water Treatment -general; ...2.0899

AN INVESTIGATION OF LIGHT-CATALYZED CHLORINE FOR TREATMENT OF WASTE WATER ...Chlorination; Chlorine; Light-catalyzed; Organics; Oxidation; Waste Treatment Economics; Waste Water Treatment -general; ...2.1321

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Groundwater; Infiltration; Pesticide Residues Removal; Pesticides -see Pesticide; Sewage; Soil Organic Content; Waste Water Treatment -general; ...2.1540

EVALUATION OF GROUNDWATER RESOURCES, LIVERMORE VALLEY, CALIFORNIA ...California; Flow Characteristics (water); Management (water); Model Studies; Soil Tillage; Water Quality -general; ...2.1789

SOLID AND LIQUID WASTES ...Activated Sludge; Flocculation; Salmonella -nonspecific & -ot.; Solid Waste; ...3.0219

Waste Water Degradation

KINETIC STUDIES OF THE OXIDATIVE DEGRADATION OF DETERGENT, AND RELATED CHEMICAL SPECIES IN AQUEOUS SOLUTION ...Biodegradation; Chemical Degradation; Detergents -see Surfactants; Kinetics; Rate of Reaction; ...2.0171

MICROBIAL DEGRADATION OF ORGANIC POLLUTANTS OF INDUSTRIAL ORIGIN ...Bacterial Population Surveys; Industrial Wastes; Pilot Plants; Radioisotopes -nonspecific; Toxic Substances; Waste Water Treatment -general; ...2.0176

IDENTIFICATION AND CONTROL OF PETROCHEMICAL POLLUTANTS INHIBITORY TO ANAEROBIC TREATMENT ...Anaerobic Wastewater Treatment; Lagoon; Organic Waste -see Waste Treat; Petroleum Wastes - Spillage; Waste Dilution- Self Purifying; Waste Water Treatment -general; ...2.0851

THE EFFECT OF CHLORINATION ON TREATED ORGANIC CHEMICALS ...Chemical Manufacturing Wastes; Chlorination; Degradation; Disinfection; Organics; Rate of Reaction; ...2.0919

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Treatment -general; ...2.0983

TERTIARY TREATMENT IN THE PURIFICATION OF WASTE WATER ...Activated Sludge; Alum Waste Water Treatment; Denitrification -see Nitrogen; Ocean; Septic Tanks; Trickling Filters; Waste Water Treatment -general; ...2.1180

MYCOLOGICAL PHENOMENA IN SEWAGE SPREADING BASINS ...Activated; Cellular Catabolism-see Degrad; Environmental Factors; Sewage; Soil Bacteria; Soil Microbiology; Waste Disposal on Soils; ...2.1185

COMBINED COOLING AND BIO-TREATMENT OF BEET-SUGAR FACTORY CONDENSER WATER EFFLUENT ...Chemical Treatment (water); Condensers; Food Processing Industries; Industrial Wastes; Organic Matter; Sugar Refining Wastes; Thermal Pollution; ...2.1201

THE MECHANISMS OF WASTE WATER TREATMENT AT LOW TEMPERATURE ...Bacterial Identification; Cellular Catabolism-see Degrad; Colorado; Hypothermal; Microorganisms -nonspecific; Waste Water Treatment -general; ...2.1202

DEVELOPMENT OF PULSATING ADSORPTION FILTER FOR TERTIARY TREATMENT OF WASTE WATERS ...Adsorption; Ash-coal Filters; Coal; Organic Matter; Pilot Plants; Sand Filters; Tertiary Treatment; ...2.1270

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Acid Mine Drainage; Algae -nonspecific; Chlorophyll; Neutralization; Organic Waste -see Waste Treat; Rehabilitation -streams -lakes; Strip Mines; Waste Water Treatment -general; ...2.1319

RESEARCH INITIATION - LAKE POLLUTION BY INTERNALLY PRODUCED ORGANICS ...Algae -nonspecific; Cellular Catabolism-see Degrad; Organic Matter; Plant Productivity - general; Waste Water Treatment -general; ...2.1320

TEXTILE WASTE REDUCTION THROUGH RECOVERY AND REUSE OF SYNTHETIC WARP SIZES ...Biochemical Oxygen Demand; Burial; Burning; Industrial Wastes; Textile Industry; Waste Material Recovery; ...2.1357

WATER POLLUTION REDUCTION THROUGH RECOVERY OF DESIZING WASTES ...Biochemical Oxygen Demand; Effluents - Waste Water; Industrial Wastes; Textile Industry; Waste Material Recovery; ...2.1358

DETERMINATION OF BIODEGRADATION RATES IN SOME POLLUTED TROPICAL WATERS AND IN SOME TYPES OF LIQUID WASTES COMMON IN PUERTO RICO ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Puerto Rico; Rate of Reaction; Salinity (water); Total Organic Carbon; Tropical Regions; ...2.1409

BIODEGRADABILITY OF ORGANIC COMPOUNDS INCLUDING DETERGENTS, METAL WORKING FLUIDS, ETC. THAT MAY CONTAMINATE WATER ...Analysis and Detection; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Detergents -see Surfactants; Fuels; Metal Processing Wastes; Surfactants -see Detergents; ...3.0028

NAVY ENVIRONMENT - BIODEGRADATION OF OIL SLICKS IN MARINE ENVIRONMENT ...Cellular Catabolism-see Degrad; Marine Biology - General; Offshore Oil; Oil; Petroleum -see Oil; Ship Wastes; ...3.0031

TRANSIENT LOADING EFFECTS IN THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Modification of Models; Organics; Results of Models; Sedimentation; Waste Management - see Specific; ...3.0067

CATTLE FEEDLOT WASTE AND AIR AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Bos; Chlortetracycline; Farm Animal Wastes; Hydrographs; Process Design; ...3.0092

AEROBIC DISPOSAL OF ANIMAL WASTES WITH CONTINOUS WATER REUSE ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Farm Animal Wastes; Process Design; Waste Dilution- Self Purifying; Water Reuse; ...3.0111

OXYGEN TRANSFER IN CONCENTRATED MICROBIAL SYSTEMS ...Chemical Oxygen Demand; Industrial Wastes; Mathematical Models; Waste Management -see Specific; ...3.0250

MICROBIOLOGY OF ANAEROBIC SLUDGE ...Anaerobic Bacteria; Bacterial Population Surveys; Fermentation; Methane Bacteria -nonspecific; Rate of Reaction; Waste Water Treatment - general; ...3.0251

MACRO-FAUNA IN WASTE STABILIZATION LAGOONS ...Animal Habitat Studies; Aquatic Ecology - Animal; Organic Matter; Sewage Lagoons; ...3.0283

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific; Calorimetry; Degradation; Fungi -nonspecific; Industrial Wastes; Photolysis; Pulp and Paper Wastes; Thin Layer Chromatography; ...3.0284

BIOLOGICAL TREATMENT OF SPENT VEGETABLE TANNINS ...Color (water); Industrial Wastes; Oxidation; Rate of Reaction; Tannery Wastes; Waste Water Treatment -general; ...3.0343

EQUIPMENT AND METHODS FOR DECONTAMINATION AND DISPOSAL OF PESTICIDES AND PESTICIDE CONTAINERS ...Combustion; Formulations -nonspecific; Incineration; Nitrification; Pesticide Degradation -see Deg; Sevin; ...4.1052

BIODEGRADATION OF PESTICIDES IN A FRESHWATER ECOSYSTEM - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Crustacea; Laboratory Animals; Microorganisms -nonspecific; Pesticide in Food Chains; Plant Freshwater Ecology; Radioisotopes; Toxaphene; ...4.1055

Waste Water Treatment -general

PRODUCTION AND DISPERSAL OF PATHOGENIC BACTERIAL AND VIRAL AEROSOLS BY AERATION OF CONTAMINATED WATERS ...Aeration (water); Aerosols; Bacteriophage; Farm Animal Wastes; Statistics; Water Pollution -see Specifics; ...1.0042

PROCESSING RETORTING WATERS AND GASES FOR POLLUTION CONTROL ...Effluents - Waste Water; Oil Shale; Recovery - Production; Waste Material Recovery; Water Costs; ...1.0664

EUTROPHICATION OF SURFACE WATERS - LAKE TAHOE .. Effluents - Waste Water; Eutrophic Lakes; Eutrophication; Lake Tahoe; Nutrients; Rainfall - Runoff Relationship; ...2.0034

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Algae -nonspecific; Benthic Organisms -nonspecific; Bottom Sampling; Chemical Water Properties; Microorganisms -nonspecific; Plant Freshwater Ecology; Spectrographic Techniques; Water Quality Control -general; ...2.0114

WATER POLLUTION AND ITS CONTROL BY MICROBIAL METABOLIC ACTIVITIES ...Acid Mine Drainage; Cellular Metabolism - Controls; Chemical Effects; Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; Sulfur Bacteria; Water Quality Control - general; ...2.0160

KINETIC STUDIES OF THE OXIDATIVE DEGRADATION OF DETERGENT, AND RELATED CHEMICAL SPECIES IN AQUEOUS SOLUTION ...Biodegradation; Chemical Degradation; Detergents -see Surfactants; Kinetics; Rate of Reaction; Waste Water Degradation; ...2.0171

MICROBIAL DEGRADATION OF ORGANIC POLLUTANTS OF INDUSTRIAL ORIGIN ...Bacterial Population Surveys; Industrial Wastes; Pilot Plants; Radioisotopes -nonspecific; Toxic Substances; ...2.0176

EUTROPHICATION - REMOVAL OF NUTRIENTS - SHAGAWA LAKE ...Algal Pollutant Sources; Denitrification -see Nitrogen; Eutrophication; Minnesota; Pilot Plants; Trickling Filters; Water Standards & Baselines; ...2.0203

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

SEPARATION AND IDENTIFICATION OF TOXIC COMPOUNDS IN OIL REFINERY EFFLUENTS ...Atomic Absorption; Chromatography; Effluents - Waste Water; Industrial Wastes; Mass Spectroscopy; Petroleum Research; Waste Management -see Specific; ...2.0316

REMOVAL OF DISSOLVED CONTAMINANTS FROM MINE DRAINAGE ...Acid Mine Drainage; Acid Mine Wastes; Mining Industry; Precipitation; ...2.0403

A CONTINUOUS COAGULATION EFFICIENCY MONITOR FOR WATER AND WASTE SYSTEMS ...Coagulation; Water Chemistry; ...2.0478

ANALYTIC AND PROCESS CLASSIFICATION OF EFFLUENTS (ORGANIC NITROGEN IN ACTIVATED CARBON EFFLUENTS) ...Effluent-standards; Electrodialysis; Electrophoresis; Nitrogen and Nitrogen Cpds.; Organics; Total Organic Carbon; ...2.0528

DETERMINATION OF DEGRADED DYES AND AUXILIARY CHEMICALS IN EFFLUENTS FROM TEXTILE DYEING PROCESSES ...Chromatography; Dye Wastes; Industrial Wastes; Lagoon; Spectrographic Techniques; Textile Industry; ...2.0555

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU ...Aquatic Distribution; Bacterial Ecology; Bays; Hawaii; Intestinal Bacteria; Nitrogen and Nitrogen Cpds.; Sewage; Water Pollutant Identification; ...2.0563

DISPOSAL OF PAPER MILL EFFLUENT THROUGH IRRIGATION OF BOTTOMLAND HARDWOOD UNDER LOUISIANA CONDITIONS ...Disposal Wastes; Forest Environment -general; Industrial Wastes; Irrigation; Louisiana; Pulp and Paper Wastes; Waste Disposal on Soils; Water Quality Control -general; ...2.0605

POTENTIAL ALGAL PRODUCTIVITY AS MEASURED BY A TURBIDOSTAT ...Algae -nonspecific; Analysis and Detection; Nutrients; Primary Productivity - Plants; Turbidity (water); ...2.0625

INTERACTION OF RADIO-LABELLED BIOCIDES AND HEAVY METALS WITH MICROBIAL ECOSYSTEMS ...Activated

Sludge; Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Microorganisms -nonspecific; Pesticide Degradation -see Deg; Pesticides -nonspecific; Radioisotopes -nonspecific; ...2.0666

DISSOLVED INORGANIC REMOVAL BIOASSAY OF ALGAL GROWTH POTENTIAL ...Algae -nonspecific; Algal Pollutant Sources; Cellular Metabolism - Controls; Nitrogen and Nitrogen Cpds.; Tertiary Treatment; ...2.0718

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation; Economic Impact; Lakes; Pollution Effects -see Water; Regional Economics; Urban Environment; Water Quality -general; ...2.0721

CHARACTERISTICS OF DRAINAGE FROM DEEP BITUMINOUS COAL MINES IN WESTERN PENNSYLVANIA ...Acid Mine Drainage; Bituminous; Data Reduction and Analysis; Pennsylvania; ...2.0731

SURVIVAL OF INDICATOR ORGANISMS AND ENTERIC BACTERIA IN WATER ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Dyes; Lakes; Nutrients; Streptococcus Fecalis; ...2.0801

IDENTIFICATION AND CONTROL OF PETROCHEMICAL POLLUTANTS INHIBITORY TO ANAEROBIC TREATMENT ...Anaerobic Wastewater Treatment; Lagoon; Organic Waste -see Waste Treat; Petroleum Wastes - Spillage; Waste Dilution- Self Purifying; Waste Water Degradation; ...2.0851

A COMPARISON OF TOTAL COLIFORM AND FECAL COLIFORM COUNTS IN STREAM POLLUTION SURVEYS ...Bacterial Identification; Coliforms -nonspecific; Literature Search; Survey Studies (water); Water Pollutant Identification; ...2.0855

EVALUATION OF THE PROVISIONAL ALGAL ASSAY PROCEDURE ...Algae -nonspecific; Algal Physiology; Bioassays; Eutrophication; ...2.0865

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY REVERSE OSMOSIS ...Carbon Filters; Chemical Oxygen Demand; Effluents - Waste Water; Fouling; Reverse Osmosis; Tertiary Treatment; ...2.0879

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Flood Irrigation; Groundwater; Potable Water; Recreation, Water Resources; Septic Tanks; Sewage - Domestic; Water Wells; ...2.0883

PHYSICAL-CHEMICAL PHENOMENA ASSOCIATED WITH ORGANO-COLLOIDAL SURFACE INTERACTIONS ...Adsorption; Calorimetry; Colloidal Phenomena; Degradation -see Pesticide Deg; Organic Matter; Spectrographic Techniques; Water Chemistry; Xray Diffraction; ...2.0886

FOAM SEPARATION FLOTATION OF COLLOID ORGANIC SYSTEMS ...Chelation & Complexing; Demineralization; Fluid Mechanics; Mineralogical Water Properties; Process Design; Surfactants -see Detergents; ...2.0899

EFFECTS OF CHEMICAL IONS ON VIRUS INACTIVATION ...Ion Exchange; Tertiary Treatment; Viral Pollutant Sources; Virus; ...2.0900

MECHANISM OF ORGANIC ADSORPTION ON ACTIVATED CARBON ...Adsorption; Color; Color (water); Hydrolysis, Esterification; Organic Matter, Taste & Odor of Water; ...2.0904

ADSORPTION FROM AQUEOUS SOLUTION ...Adsorption; Chemical Mechanisms & Kinetics; Fluid Mechanics; Fluidized Bed Reactor; Organic Matter; Organics; ...2.0914

PURIFICATION OF LOW QUALITY WATERS BY FOAM SEPARATION ...Bacteria; Bubbles; Color; Flotation; Foam; Turbidity; ...2.0918

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

REMOVAL OF ORGANIC CONTAMINANTS ...Carbon Filters; Organic Matter; Organics; ...2.0927

CONCENTRATION OF CHEMICALS BY FLOC FORMING ORGANISMS ...Aerobic Waste Water Treatment; Farm Animal Wastes; Industrial Wastes; Product Development Research; ...2.0933

FORMATION OF DENSE SETTLED SLUDGE BY LIME - TREATMENT OF SYNTHETIC ACID MINE DRAINAGE ...Acid Mine Drainage; Acid Mine Wastes; Lime Treatment; Neutralization; Oxidation; ...2.0934

TERTIARY TREATMENT BY FLOCCULATION AND RAPID SAND FILTRATION ...Additives; Flocculation; Sedimentation; Tertiary Treatment; ...2.0935

EFFECT OF SURFACE GROUPS ON ADSORPTION OF POLLUTANTS ...Adsorption; Organics; Waste Material Recovery; ...2.0936

TREATMENT OF COAL MINE WATERS TO MEET CURRENT COMMONWEALTH WATER DISCHARGE REQUIREMENTS ...Coal; Pennsylvania; Waste Management -see Specific; Waste Treatment Economics; Water Pollution Sources; ...2.0937

THE REMOVAL OF IMPURITIES IN TRICKLING FILTER EFFLUENTS ...Coagulation; Electrophoresis; Pond; Tertiary Treatment; Types of Resources; Zeta Potential; ...2.0944

VIRUS REMOVAL-WATER AND WASTEWATER ...Bacteriophage; Carbon; Chlorination, Flocculation; Ion Exchange; Viral Pollutant Sources; Virus; ...2.0946

REFRACTORY ADSORPTION ON CHEMCOKE ...Adsorption; Coal Research; Refractory; Synthetic, Substitute Mtl.; ...2.0947

ELECTROPHORETIC CLARIFICATION OF WATER ...Adsorption; Colloidal Phenomena; Filtration; Pesticide Residues Removal; Pesticides -see Pesticide; Size; Water Pollutant Identification; ...2.0948

ELECTROCHEMICAL ACTIVATION AND REGENERATION OF CARBON SURFACES FOR TERTIARY WATER TREATMENT ...Chemical Regeneration; Electrochemistry; Electrolytic; Organics; Tertiary Treatment; ...2.0950

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis; Management (water); Multiple Purpose Reservoirs; Potable Water; Regional Economics; Social Aspects; Water Resources Planning; ...2.0967

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; ...2.0983

CHARACTERIZATION OF STREAM REAERATION CAPACITY ...Aeration (water); Mathematical Models; Tracers; Waste Treatment Economics; ...2.0998

OXYGEN CONSUMPTION IN CONTINUOUS BIOLOGICAL CULTURE ...Activated Sludge; Aeration (water); Gases; Process Design; ...2.1024

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

THE MICROBIAL DEGRADATION OF HYDROCARBONS IN MARINE ENVIRONMENTS ...Aquatic Soils; Coastlines - Shorelines; Degradation -see Pesticide Deg; Marine Biology - General; North Carolina; Petroleum -see Oil; Swamps - Marshes; Water Chemistry; ...2.1072

CONCENTRATION OF PHOSPHATES FROM INDUSTRIAL WASTES BY BLUE-GREEN ALGAE ...Algae - Cyanophyta; Algal Physiology; Estuaries; Marine Plants; ...2.1073

FILTRATION OF KRAFT PULP LIQUOR THROUGH CHIPS ...Acidity (water); Effluents - Waste Water; Filters-filtration; Filtration; Industrial Wastes; Pulp and Paper Wastes; ...2.1074

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acid Mine Drainage; Acidity (water); Algal Physiology; Alkalinity (water); Mine Drainage Control; Oxygen Content (water); Plant Freshwater Ecology; Rehabilitation -streams -lakes; ...2.1079

REMOVAL OF NUTRIENTS FROM ENRICHED FLOWS & WASTE EFFLUENTS BY THE HYDROPONIC CULTURE OF SUITABLE FORAGE PLANTS & GRASSES ...Benefit-cost Analysis; Economic Feasibility; Effluents - Waste Water; Nutrients; Waste Treatment Economics; ...2.1081

REMOVAL OF TRACE ORGANICS FROM WATER BY ADSORPTION ON COAL ...Adsorption; Coal; Fluidized Bed Reactor; Kinetics; Organics; Utilization; Water Chemistry; ...2.1120

GAMMA RADIATION OF TEXTILE WASTE WATER TO REDUCE POLLUTION ...Biochemical Oxygen Demand; Chemical Mechanisms & Kinetics; Detergents -see Surfactants; Industrial Wastes; Radiolysis; Temperature; Textile Industry; ...2.1141

DEMINERALIZATION OF WASTEWATER BY THE TRANSPORT-DEPLETION PROCESS ...Demineralization; Electrodialysis; Process Design; Waste Management -see Specific; ...2.1144

ADVANCED WASTEWATER TREATMENT USING POWDERED ACTIVATED CARBON IN RECIRCULATING SLURRY CONTACTOR-CLARIFIERS ...Activated Sludge; Adsorption; Bench Scale; Chemical Oxygen Demand; Coagulation; Tertiary Treatment; ...2.1153

TUCSON WASTEWATER RECLAMATION PROJECT ...Arizona; Filtration; Fish; Pilot Plants; Water Reuse; Water Supply -general; Water Utilization -domestic; ...2.1154

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Algae -nonspecific; Boating; Fish; Fishing; Mollusca; Recreation, Water Resources; Sewage Lagoons; ...2.1159

WATER AND WASTE WATER PURIFICATION ...Australia; Demineralization; Desalination; Ion Exchange; Pilot Plant Design; ...2.1161

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Water Pollution -see Specifics; ...2.1163

A STUDY OF THE REMOVAL OF CARBONACEOUS, NITROGENOUS AND PHOSPHORUS MATERIALS FROM CONCENTRATED PROCESS WASTE STREAMS ...Digestion; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Process Design; ...2.1164

ENTERIC VIRUS REMOVAL FROM SEWAGE STABILIZATION PONDS ...Model Studies; Pilot Plants; Pond; Sewage Lagoons; Sewage Treatment Plant; Viral Pollutant Sources; ...2.1167

KINETICS OF ALGAL SYSTEMS IN WASTE TREATMENT ...Algae -nonspecific; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Pilot Plants; Process Design; Turbidity (water); ...2.1170

NUTRIENT REMOVAL FROM AGRICULTURAL WASTE WATER ...Algae -nonspecific; Drainage; Groundwater; Nutrients; Water Pollution Sources; ...2.1176

EFFECT OF PHOSPHORUS REMOVAL PROCESSES ON ALGAL GROWTH ...Algae -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Water Resources Protection; ...2.1177

TERTIARY TREATMENT IN THE PURIFICATION OF WASTE WATER ...Activated Sludge; Alum Waste Water Treatment; Denitrification -see Nitrogen; Ocean; Septic Tanks; Trickling Filters; ...2.1180

COMPARATIVE ANALYSIS OF ADVANCED WATEWATER TREATMENT PROCESSES ...Costs -see Economics Entries; Process Design; ...2.1182

FURTHER STUDIES OF INFILTRATION ...Disposal; Drainage; Groundwater; Infiltration; Saturated- Unsaturated Soils; Subsurface Runoff; ...2.1183

BIOLOGICAL REMOVAL OF NITRATE ION ON BEDS OF ACTIVATED CARBON OR SAND ...Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Sand Filters; ...2.1186

EXTENDED AERATION WASTEWATER TREATMENT SYSTEM FOR NAVAL ADVANCED BASES ...Sewer Systems; ...2.1187

TREATMENT OF PEAK WET WEATHER WASTEWATER FLOWS, AND RATE CONTROL OF ALL WASTEWATER DISCHARGES TO INTERCEPTOR SEWERS ...Aeration (water); Infiltration; Overflow -see Fluid Mechanics; Sewage Lagoons; Sewer Systems; Storm Sewer Quantity; ...2.1190

ECONOMIC AND INSTITUTIONAL ANALYSIS OF A WASTE WATER RECLAMATION AND REUSE PROJECT ...Administrative Organizations; Economic Impact; Water Reuse; Water Supply -general; Water Supply Augmentation; ...2.1192

WATER TREATMENT BY REVERSE OSMOSIS METHOD ...Economic Efficiency; Fresh Water; Membranes; Pilot Plants; Reverse Osmosis; Water Reuse; ...2.1195

PRACTICALITY OF CHLORINATING ALGAE-LADEN EFFLUENTS FROM STABILIZATION PONDS ...Algae -nonspecific; Chlorination; Disinfection; Organics; Sewage Lagoons; Water Pollutant Identification; ...2.1198

THE MECHANISMS OF WASTE WATER TREATMENT AT LOW TEMPERATURE ...Bacterial Identification; Cellular Catabolism-see Degrad; Colorado; Hypothermal; Microorganisms -nonspecific; Waste Water Degradation; ...2.1202

WATER QUALITY CONTROL WITH SYNTHETIC POLYMERIC FLOCCULANTS - EFFECT OF MG, CA, CU, & ZN IONS ON BACTERIA & ALGAE (ABBREV) ...Additives; Bacterial Pollutant Sources; Flocculation; Sewage Treatment Plant; Water Quality Control -general; ...2.1206

INVESTIGATION OF AMPHIPATHIC WATER-SOLUBLE POLYMERS AS FLOCCULANTS AND FLOTATION AIDS IN DOMESTIC WASTEWATER TREATMENT ...Additives; Electrochemistry; Flocculation; Flotation; Sewage - Domestic; Surfactants -see Detergents; Water Pollution Sources; ...2.1209

ANAEROBIC TREATMENT OF STARCH WASTEWATERS ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Colloidal Phenomena; Flotation; Sedimentation; Waste Digestion; Waste Management -see Specific; ...2.1212

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Plant Waste Removal, Treatment; Solid Waste; Water Costs; Water Resources Development; ...2.1213

SORPTION BEHAVIOR OF ORGANIC PYROPOLYMERS IN AQUEOUS SOLUTION ...Adsorption; Organics; Pesticides; Porosity; Tertiary Treatment; Thermal Treatment; ...2.1215

STABILIZATION POND OPERATION IN TROPICAL AREAS ...Algae -nonspecific; Nitrogen and Nitrogen Cpds.; Sewage Lagoons; Waste Management -see Specific; Water Depth, Water Levels; ...2.1216

RECONDITIONING AND REUSE OF FOOD PROCESSING BRINES ...Brines; Canning Wastes -see Food Proc.; Filtration; Lagoon; Waste Material Recovery; Waste Treatment Economics; Water Reuse; ...2.1217

TERTIARY TREATMENT RESEARCH AT THE JOINT FWPCA DISTRICT OF COLUMBIA PILOT PLANT ...Aeration (water); Alum Waste Water Treatment; Chlorination; Disinfection; Electrical Phenomena; Fluid Mechanics; Pilot Plants; Tertiary Treatment; ...2.1221

IMPROVED EQUIPMENT AND OPERATING METHODS FOR POULTRY PROCESSING TO REDUCE WATER REQUIREMENTS ...Canning Wastes -see Food Proc.; Food Contamination; Food Engineering & Technology; Industrial Wastes; Poultry Industry; Runoff (water); Water Conservation -general; ...2.1231

ABSORPTION OF CHROMIUM BY CLAYS ...Activation Analysis; Adsorption; Demineralization; Metal Processing Wastes; Ore Deposits; Waste Material Recovery; Waste Treatment; ...2.1233

INTERACTION OF WATER WITH ORGANIC SPECIES ...Constants; Densitometer; Density; Functions and Properties; Thermal Properties; ...2.1235

MEASUREMENT OF ACTIVE BIOMASS CONCENTRATIONS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Cellular Physiology- Env. Eff.; Industrial Wastes; Sewage - Domestic; Waste Management -see Specific; Water Pollution Sources; ...2.1237

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Canning Wastes -see Food Proc.; Food Processing Industries; Industrial Wastes; Photometry; Plant Waste Removal, Treatment; Taste & Odor of Water; Waste Treatment Economics; Water Quality Control - general; ...2.1249

WATER TREATMENT PLANT WASTES ...Disposal; Filtration; Ion Exchange; Waste Properties; Water Chemistry; Water Purification; ...2.1253

PILOT SCALE INVESTIGATIONS OF WELL RECHARGE USING CORED SAMPLES ...Aquifers; Cambrian Period; Effluents - Waste Water; Injection Wells; Sandstones; Sewage; ...2.1254

THICKENING AND DEWATERING OF WATER TREATMENT SLUDGE ...Electrochemistry; Filtration; Thickening; Waste Drying; Waste Treatment; ...2.1255

BIOMASS PRODUCTION FOR THE IMPROVEMENT OF THE QUALITY OF FOOD PROCESSING PLANT EFFLUENTS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Industrial Wastes; Nitrogen and Nitrogen Cpds.; ...2.1260

COMPETITIVE ADSORPTION IN THE REMOVAL OF ORGANIC POLLUTANTS FROM AQUEOUS SOLUTION ...Adsorption; Chemical Mechanisms & Kinetics; Model Studies; Organic Matter; Organics; Water Chemistry; ...2.1263

EAST CHICAGO TREATMENT LAGOON ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Chlorination; Effluent-standards; Sewer Systems; ...2.1265

MICROBIAL INTERACTIONS IN WASTE TREATMENT SYSTEMS ...Anaerobic Wastewater Treatment; Bacterial Studies -general; Fermentation, Membranes; Methane Bacteria -nonspecific; Waste Digestion; ...2.1266

AMES DESIGN PARAMFTERS ...Government -see Federal Gov.; Iowa; Sand Filters; Waste Treatment; Waste Treatment Economics; Water Resources Planning; ...2.1269

TREATMENT OF AQUEOUS AGRICULTURAL WASTES FOR CLEAN WATER AND FOR MICROBIAL PROTEIN PRODUCTION ...Aeration (water); Biochemical Oxygen Demand; Farm Animal Wastes; Microorganisms -nonspecific; Product Development Research; Surface Active-other; Water Pollution Sources; ...2.1271

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth, Water Levels; ...2.1272

USE OF LIME-SODA ASH SLUDGE FOR THE TREATMENT OF MUNICIPAL WASTEWATER ...Disposal; Lime Treatment; Sewage - Domestic; Waste Treatment Economics; Water Pollution Sources; ...2.1275

BIOLOGICAL TREATMENT OF BEEF ANIMAL WASTES TO REDUCE WATER POLLUTION ...Aeration (water); Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Oxidation; ...2.1278

PILOT PLANT DEMONSTRATION OF A LIME-BIOLOGICAL TREATMENT PHOSPHORUS REMOVAL SYSTEM ...Activated Sludge; Coagulation; Lime Treatment; Pilot Plants; Process Design; Sewage - Domestic; Waste Treatment Economics; ...2.1279

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; Pesticides; pH; Recycle Water; Sanitation; Water Reuse; ...2.1290

REVERSE OSMOSIS TREATMENT OF WASTEWATERS ...Coagulation; Electrochemistry; Membranes; Organic Waste -see Waste Treat; Organics; Reverse Osmosis; Sewage - Domestic; ...2.1294

TRANSPORT AND FATE OF POLLUTANTS IN SOIL ...Fluid Mechanics; Porous Filters; Soil Filters; Waste Disposal-see Solid Waste; Water Reuse; ...2.1295

MATHEMATICAL MODEL OF THE ELECTRODIALYSIS PROCESS FOR ADVANCED WASTE TREATMENT ...Electrodialysis; Model Studies; Process Design; ...2.1299

PILOT-SCALE STUDY OF IMPROVED PHOSPHATE REMOVAL BY MODIFIED ACTIVATED SLUDGE PROCESS ...Activated Sludge; Burning; Dewatering; Lakes; Pilot Plants; Thickening; ...2.1302

THE RATE OF NITROGEN AND PHOSPHORUS STRIPPING FROM SEWAGE LAGOONS BY AQUATIC ANGIOSPERMS ...Absorption (incl. Adsorption); Ceratophyllaceae; Haloragaceae; Nitrogen and Nitrogen Cpds.; Nymphaeaceae; Phosphorus and Phosphorus Cpds; Ranunculaceae; ...2.1304

DEMONSTRATION OF THE RECONDITION AND RE-USE OF ORGANICALLY CONTAMINATED BRINES FROM CHEMICAL PROCESS INDUSTRIES ...Brines; Chemical Manufacturing Wastes; Organic Matter; Recycle Water; ...2.1307

PILOT PLANT INSTALLATION FOR USE OF FUNGI IMPERFECTI ON VEGETABLE WASTES ...Aeration (water); Food Processing Industries; Minnesota; Pilot Plants; ...2.1309

DEMONSTRATION OF THE CHANNEL AERATION PROCESS IN TREATMENT OF SEWAGE ...Aeration (water); Aquatic Plants -nonspecific; Effluents - Waste Water; Nutrients; Sewage; Viral Pollutant Sources; ...2.1310

REMOVAL OF COLLOIDAL MATTER FROM WASTE WATER ...Organic Matter, Organic Waste -see Waste Treat; Organics; ...2.1313

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Acid Mine Drainage; Algae -nonspecific; Chlorophyll; Neutralization; Organic Waste -see Waste Treat; Rehabilitation -streams -lakes; Strip Mines; Waste Water Degradation; ...2.1319

RESEARCH INITIATION - LAKE POLLUTION BY INTERNALLY PRODUCED ORGANICS ...Algae -nonspecific; Cellular Catabolism-see Degrad; Organic Matter; Plant Productivity - general; ...2.1320

AN INVESTIGATION OF LIGHT-CATALYZED CHLORINE FOR TREATMENT OF WASTE WATER ...Chlorination; Chlorine; Light-catalyzed; Organics; Oxidation; Waste Treatment Economics; Waste Water -general; ...2.1321

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Atomic Absorption; Lead; Mineralogy; Ore Deposits; Pond; Precipitation; X-ray Spectroscopy; ...2.1322

THE USE OF ANAEROBIC FILTERS FOR THE RENOVATION OF ACIDIC WASTEWATERS ...Acid Mine Wastes; Acidity (water); Anaerobic Wastewater Treatment; Filtration; Mathematical Models; Organic Matter; Organics; ...2.1323

A NEW APPROACH FOR WATER RECLAMATION - COMPLETE TREATMENT OF WASTE WATER BY PHYSICO-CHEMICAL PROCESSES ...Bacteria; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage - Domestic; ...2.1324

REMOVAL OF METAL IONS BY FLOTATION WITH SURFACTANTS ...Chelation & Complexing; Flotation; Surfactants -see Detergents; Temperature; Water Chemistry; ...2.1328

COLOR AND MINERAL REMOVAL FROM KRAFT BLEACH WASTES ...Color (water); Demineralization; Lime Treatment; Pulp and Paper Wastes; Waste Treatment Economics; ...2.1330

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...2.1331

REMOVAL OF PHOSPHATE FROM WASTE WATER BY ALUMINUM AND IRON ...Mechanism Determination; Precipitation; ...2.1336

THE ORGANIC CONCENTRATION GRADIENT IN AN AERATION COLUMN ...Aeration (water); Bubbles; Organic Matter; Organic Water Properties; Separation; Surfactants -see Detergents; ...2.1337

BRINE DISPOSAL DESIGN METHODOLOGY FOR ADVANCED WASTE TREATMENT ...Brines; Evaporation; Ponds; Sewage Lagoons; Waste Disposal-see Solid Waste; ...2.1341

DESIGN OF WASTEWATER TREATMENT SYSTEMS TO SATISFY EFFLUENT QUALITY REQUIREMENTS BASED ON INTENDED USE ...Effluent-standards; Impaired Water Use; Waste Treatment; Water Quality -general; Water Reuse; ...2.1344

WINERY WASTEWATER - CHARACTERIZATION AND TREATMENT ...Acidity (water); Activated Sludge; Anaerobic Bacteria; Contamination - Water; Food Processing Industries; Sewer Systems; Waste Treatment; ...2.1348

THE PRODUCTION AND USE OF ACTIVATED CARBON FOR WATER RENOVATION IN KRAFT PULP AND PAPER MILLS ...Florida; Pilot Plants; Pulp and Paper Wastes; Rehabilitation - streams -lakes; Waste Treatment Economics; ...2.1350

CARBON COLUMN OPERATION IN WATER TREATMENT ...Carbon; Cellular Physiology- Env. Eff.; Filtration; Microorganisms -nonspecific; Total Organic Carbon; ...2.1355

IMPROVE POLLUTION CONTROL BY REUSE OF PAPER MACHINE PROCESS WATERS ...Coagulation; Disposal; Precipitation; Pulp and Paper Wastes; Waste Material Recovery; Water Reuse; ...2.1356

OPERATIONAL DEMONSTRATION OF OXIDATION DITCH METHOD OF WASTE TREATMENT ...Lagoon; Oxidation; Pond; Process Design; Waste Treatment; ...2.1361

PROCESS DEVELOPMENT FOR REMOVAL OF NUTRIENT MATERIALS FROM WASTEWATERS ...Activated Sludge; Additives; Anaerobic Wastewater Treatment; Denitrification -see Nitrogen; Effluent-standards; Pollutant Removal; ...2.1363

CONTROL OF MINERAL CONSTITUENTS IN WASTE WATER BY ELECTRODIALYSIS ...Demineralization; Electrodialysis; Mineralogical Water Properties; Pilot Plants; Solid Waste; ...2.1364

DISSOLVED INORGANIC REMOVAL--SELECTIVE ION AND ORGANIC REMOVAL BY ION EXCHANGE RESINS ...Demineralization; Ion Exchange; Nutrients; Organics; Waste Material Recovery; Waste Treatment Economics; ...2.1366

REMOVAL OF NITROGEN COMPOUNDS FROM MUNICIPAL WASTEWATER ...Aeration; Biochemical Oxygen Demand; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Pilot Plants; Urban Environment; ...2.1367

USE OF GRANULAR ACTIVATED CARBON IN TREATMENT OF WASTE WATERS ...California; Nitrogen and Nitrogen Cpds.; Photometry; Thermal Regeneration; ...2.1368

POWDERED CARBON TREATMENT OF WASTEWATER ...Activated Sludge; Electrochemistry; Fluidized Bed Reactor; Organics, Process Design; Thermal Regeneration; Turbidity; Waste Treatment Economics; ...2.1369

DISSOLVED REFRACTORY ORGANIC REMOVAL -- CARBON AS AN ADSORBENT AND FILTER MEDIUM ...Carbon Filters; Coagulation; Organics; Sand Filters; Turbidity; ...2.1371

A STUDY OF THE KINETICS OF THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Differential Equations; Kinetics; Nitrobacter; ...2.1372

PRECIPITATION OF PHOSPHATES FROM WATER WITH FERROUS SALTS ...Biochemical Oxygen Demand; Chemical Treatment -general; Flotation; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1377

STUDY OF UTILIZATION AND DISPOSAL OF LIME SLUDGES CONTAINING PHOSPHATES ...Disposal; Lime Treatment; Product Development Research; Waste Material Recovery; Waste Treatment Economics; ...2.1379

ELECTRODIALYSIS TREATMENT OF SECONDARY EFFLUENT ...Demineralization; Fluid Mechanics; Pilot Plants; Water Reuse; ...2.1380

SINGLE STAGE LIME TREATMENT OF WASTEWATER ...Demineralization; Flocculation; Lime Treatment; Tertiary Treatment; Turbidity; ...2.1381

DEMONSTRATING THE EFFECT OF NUTRIENTS IN OXIDATION POND RECEIVING STREAMS ...Biochemical Oxygen Demand; Lagoon; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Pond; ...2.1383

MICROBIOLOGICAL REMOVAL OF IRON FROM MINE DRAINAGE WATERS ...Acid Mine Wastes; Demineralization; Mine Drainage Control; Oxidation; Reduction Reactions; ...2.1384

KINETICS AND MECHANISMS IN ACTIVATED SLUDGE PROCESSES ...Activated Sludge; Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Kinetics; Process Design; Sewage Bacteria; ...2.1396

ABATEMENT OF MINE DRAINAGE POLLUTION BY REVERSE OSMOSIS ...Acid Mine Drainage; Acid Mine Wastes; Pilot Plants; Process Design; Reverse Osmosis; Water Pollution Abatement; Wisconsin; ...2.1392

TREATMENT OF ACID MINE DRAINAGE-SULFUR AND IRON RECOVERY ...Acid Mine Wastes; Combustion; Distillation; Neutralization; Waste Material Recovery; ...2.1397

CONTROL OF GEOTRICHUM CANDIDUM IN BIOLOGICAL WASTE TREATMENT ...Carbon, Coagulation; Fungal Pollutant Sources; Geotrichum; Sewage Lagoons; Zinc; ...2.1410

GEIGY CHEMICAL WASTE TREATMENT FACILITY ...Chemical Industry; Effluent-standards; Organic Waste -see Waste Treat; Trickling Filters; ...2.1413

STUDY OF COSTS OF TREATING TEXTILE WASTES IN MUNICIPAL AND INDUSTRIAL SEWAGE PLANTS ...Georgia; Process Design; Textile Industry; Urban Environment; ...2.1416

A STUDY OF SOME OF THE FACTORS WHICH INFLUENCE THE EFFICIENCY OF OXIDATION PONDS IN THE TERTIARY TREATMENT OF WASTE WATER ...Oxidation; Pond; Tertiary Treatment; Texas; ...2.1420

PROCESS MODELING OF BIOLOGICAL WASTE TREATMENT ...Biological Treatment-general; Mathematical Models; Sewage, Sewage - Domestic; ...2.1423

STUDIES TO DEVELOP PROCESS DESIGNS FOR EFFLUENT QUALITY CONTROL ...Effluent-standards; Effluents - Waste Water; Process Design; Water Quality Control -general; ...2.1435

ADVANCED WASTE TREATMENT FOR WATER REUSE - STATE OF THE ART ...Literature Search, Water Reuse; ...2.1439

OPTIMAL CONDITIONING PROCEDURES FOR WASTE ACTIVATED SLUDGE DISPOSAL ...Activated Sludge; Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Dewatering; Digestion; Electrochemistry; Sand Filters; ...2.1442

POLLUTION PREVENTION BY AERATION OF FRUIT PROCESSING WASTES ...Activated; Aerobic Bacteria; Biochemical Oxygen Demand; Food Processing Industries; Lagoon; Plant Waste Removal, Treatment; Waste Drying, ...2.1449

PHOSPHATE UPTAKE, STORAGE, AND RELEASE BY MICROORGANISMS IN WASTEWATER TREATMENT ...Carbon; Microorganisms -nonspecific; Nutrients; Phosphorus and Phosphorus Cpds; Recycle Water; Sewage Bacteria; Sludge; ...2.1451

COMBINED INDUSTRIAL AND MUNICIPAL WASTE TREATMENT ...Biological Treatment-general; Industrial Wastes; Pilot Plants; Process Design; Pulp and Paper Wastes; Urban Environment; ...2.1455

RESEARCH AND REFERENCE TO SEWAGE EFFLUENT PONDS ...Activated Sludge; Biochemical Oxygen Demand; Linings - Pavings; Pond; ...2.1457

APPLICATIONS OF AGGLOMERATE SIZE MEASUREMENT TO PROBLEMS IN WATER RESOURCES MANAGEMENT ...Activated Sludge; Coagulation; Colloidal Phenomena; Flocculation; Management (water); ...2.1458

INVESTIGATIONS OF ZOOGLOEAL FLOCS ...Bacterial Classification; Bacterial Identification; Flocculation; Model Studies; ...2.1461

LUXURY METABOLIC STORAGE OF PHOSPHORUS IN THE ACTIVATED SLUDGE FLOC ...Acidity (water); Adsorption; Algal Physiology; Colloidal Phenomena; Eutrophication; Gases; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Sewage Bacteria; ...2.1463

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Water Pollution Sources; ...2.1468

PARABIOTIC GROWTH CHARACTERISTICS OF SELECTED SEWAGE BACTERIA ...Activated Sludge; Aerobic Bacteria; Bacterial Ecology; Heterotrophic Bacteria; Sewage; Sewage Bacteria; ...2.1536

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Groundwater; Infiltration; Pesticide Residues Removal; Pesticides -see Pesticide; Sewage; Soil Organic Content; ...2.1540

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Acid Mine Drainage; Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Lakes; Mining Industry; Physical Water Properties; ...2.1551

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Tillage, Cropping Systems; Water Pollution Effects; ...2.1665

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; ...2.1775

A SYSTEM APPROACH FOR INTEGRATING GROUNDWATER AND SURFACE-WATER USE ...California; Groundwater; Systems Analysis - Water Mgmt; Water Quality -general; Water Utilization -general; ...2.1787

MARKETS TO 1980 FOR WASTE WATER TREATMENT AND RENOVATION FACILITIES ...Chemical Treatment (water); Economic Impact; Forecasting - Prediction; Marketing; ...2.1795

DEVELOPMENT OF COST CRITERIA FOR WATER SUPPLY ...Illinois; Urban Environment; Water - Alternative Uses; Water Resources Development; Water Transfer; ...2.1824

A METHODOLOGY FOR PLANNING OPTIMAL REGIONAL WASTE MANAGEMENT SYSTEMS ...Management (water); Optimization, Economic; Systems Analysis - Water Mgmt; Waste Treatment Economics; Water Resources Planning; ...2.1841

MATHEMATICAL WATER QUALITY PLANNING MODELS ...Bays; Harbors; Massachusetts; Model Studies; Systems Analysis - Water Mgmt; Tides; Water Resources Planning; ...2.1850

ECONOMICS OF WATER QUALITY CONTROL IN THE UPPER MISSISSIPPI RIVER (MINNESOTA) ...Benefit-cost Analysis; Disposal Wastes; Minnesota; Model Studies; Waste Treatment Economics, Water Purification; Water Resources Planning; ...2.1860

COST-REDUCING TECHNIQUES OF WASTE DISPOSAL AND OPTIMUM USE OF WATER RESOURCES ...Canning Wastes - see Food Proc.; Food Processing Industries; Industrial Wastes; Optimization, Economic; Waste Treatment; Water Quality Control -general; ...2.1890

ENGINEERING ANALYSIS OF WASTE TREATMENT ...Electrodialysis; Mathematical Models; Waste Treatment Economics; Water Reuse; ...2.1893

FOOD PROCESSING WASTES ...Disposal; Food Processing Wastes; Plant Waste Removal, Treatment; Recoverable Materials; Waste Material Recovery; ...3.0035

RECOVERY OF AMINO ACIDS FROM POTATO STARCH FACTORY SECONDARY WASTES ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Ion Exchange; Process Development; Product Development Research; Solanum; Water Quality Control -general; ...3.0041

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Agricultural Runoff; Farm Animal Wastes; Irrigation; Taste & Odor of Water; Waste Treatment Economics; Water Pollution Sources; ...3.0060

CHARACTERIZATION OF THE ACTIVATED SLUDGE PROCESS AT THE HYPERION TREATMENT PLANT ...Activated; California; Model Studies; Water Purification; ...3.0071

TECHNICAL AND ECONOMIC APPRAISAL OF PACKAGED SEWAGE TREATMENT SYSTEMS ...Consumption; Waste Treatment; Waste Treatment Economics; ...3.0073

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY GRANULAR ACTIVATED CARBON ...Chemical Oxygen Demand; Organics; Process Design; Sewage - Domestic; Tertiary Treatment; Waste Treatment Economics; ...3.0075

AERATED SEWAGE LAGOON INVESTIGATION - BOISSEVAIN ...Aeration (water); Canada; Economic Efficiency; Sewage - Domestic; Sewage Lagoons; ...3.0089

WASTE DISPOSAL IN RURAL AREAS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Connecticut; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rural Areas; Septic Tanks; Waste Disposal on Soils; Water Pollutant Identification; ...3.0098

SPRAY SYSTEM FOR DAILY REMOVAL OF LIQUID COW MANURE ...Agricultural Studies -general; Farm Animal Wastes; Microorganisms -nonspecific; Sprinkler Irrigation; Waste Disposal on Soils; ...3.0099

MASS TRANSFER AND CHEMICAL REACTION IN TWO-PHASE FLOW ...Aeration (water); Fluid Mechanics; Model Studies; Pipe; Sewer Systems; ...3.0100

REACTION OF IRON AND ALUMINUM SALTS WITH PHOSPHATE ...Sewage - Domestic; ...3.0110

BIOPOLYMERS AND POLYMER-PRODUCING MICROORGANISMS IN ACTIVATED SLUDGE ...Activated Sludge; Food Processing Wastes; Microorganisms -nonspecific; Sewage - Domestic; Soil Bacteria; Waste Treatment Economics; Water Pollution Sources; ...3.0127

USE OF ALGAE, ALGAE-PROTOZOA, AND ALGAE-BACTERIA CULTURES IN SEWAGE TREATMENT ...Algae - Chlorophyta; Algae - Cyanophyta; Cellular Physiology- Env. Eff., Foreign Agriculture; Oxygen Content (water); Product Development Research; Sewage - Domestic; ...3.0136

LIVESTOCK WASTE TREATMENT AND DISPOSAL ...Aeration (water); Anaerobic Wastewater Treatment; Antibiotics -nonspecific; Feces; Noise -see Noise, Sewage Lagoons; Waste Disposal on Soils; ...3.0141

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Clay Soils; Farm Animal Wastes; Irrigation; Livestock -nonspecific; Poultry -nonspecific; Silty Soils; Soil Types -also See Specifics; Waste Disposal on Soils; Zea Mays - Field Corn; ...3.0147

CHEMICAL AND PHYSICAL TREATMENTS OF CATTLE EXCRETA FOR REDUCING ENVIRONMENTAL POLLUTION ...Animal Wastes - Feed Lots; Chemical Treatment (water); Farm Animal Wastes; Feces; Product Development Research; ...3.0161

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Color; Disinfection; Farm Animal Wastes; Ion Exchange; Sanitation; Taste & Odor of Water; ...3.0168

THE ELECTRO-OXIDATION OF AMMONIA IN SEWAGE TO NITROGEN ...Electrochemistry; Electrolytic; Nitrogen and Nitrogen Cpds.; Sewage; ...3.0177

FLOWING BIOLOGICAL SYSTEM IN AQUACULTURE, SEWAGE TREATMENT AND POLLUTION ASSAY ...Coastlines - Shorelines; Effluents - Waste Water; General Recreation Studies; Recreation, Water Resources; Sewage; ...3.0178

ELECTRICAL STIMULATION OF MICROBIAL WASTE TREATMENT ...Electric Field; Microorganisms -nonspecific; Permeability; Sewage - Domestic; ...3.0180

ANIMAL WASTE MANAGEMENT STUDY ...Environmental Effects - Human; Farm Animal Wastes; Sanitation; Sprinkler Irrigation; Waste Disposal on Soils; ...3.0191

EFFECT OF PRESYNTHESIZED BIOLOGICAL INTERMEDIATES ON SUBSTRATE UTILIZATION RATES ...Anaerobic Wastewater Treatment; Effluents - Waste Water; Methane Bacteria -nonspecific; ...3.0204

WASTE MANAGEMENT, CONTROL, AND DISPOSAL IN MIDWEST BEFF FEEDLOTS ...Animal Wastes - Feed Lots; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rainfall - Runoff Relationship; Storm Water; ...3.0212

SOLID AND LIQUID WASTES - TREATMENT ...Activated Sludge; Anseriformes; Biodegradation-see Degradation; Degradation -see Pesticide Deg; Detergents -see Surfactants; Feces; Poultry -nonspecific; Salmonella -nonspecific & -et.; Waste Disposal on Soils; ...3.0220

CHEMICAL-PHYSICAL WASTE TREATMENT PLANT DEMONSTRATION ...Carbon Filters; Hydrolysis, Esterification; Phosphorus and Phosphorus Cpds; Virus; Water Reuse; ...3.0227

ACID EMULSION BREAKING - ACTIVATED SLUDGE FOR BAKERY WASTE ...Activated Sludge; Disposal; Groundwater; New York; ...3.0230

IMPROVED CAPABILITIES OF BIOLOGICAL SYSTEMS TO ASSIMILATE OIL ...Activated; Degradation -see Pesticide Deg; Oil Removal; Petroleum Industry; ...3.0243

HYDROLYSIS OF SLUDGE USING LOW PRESSURE STEAM WITH SO2 AS A HYDROLYTIC ADJUNCT AND TO STUDY THE UTILIZATION OF THE RESULTING HYDROLYSATE ...Digestion; Hydrolysis, Esterification; Product Development Research; Sulfur Dioxide; Waste Material Recovery; Waste Treatment Economics; ...3.0245

MICROBIOLOGY OF ANAEROBIC SLUDGE ...Anaerobic Bacteria; Bacterial Population Surveys; Fermentation; Methane Bacteria -nonspecific; Rate of Reaction; ...3.0251

SURVEY OF PULP AND PAPER MILL EFFLUENT CONTROL AND TREATMENT ...Effluents - Waste Water; Industrial Wastes; Pulp and Paper Wastes; Survey Studies (water); Water Pollution Abatement; Water Quality Control -general; Water Resources Protection; ...3.0255

SUSPENDED AND COLLOIDAL SOLIDS REMOVAL--SOLIDS SEPARATION BY CHEMICAL TREATMENT AND FILTRATION ...Ash-coal Filters; Colloidal Phenomena; Fluid Mechanics; Sand Filters; Turbidity; ...3.0261

PHOSPHATE REMOVAL BY ACTIVATED SLUDGE PROCESS APPLICATION - PLANT SCALE DEMONSTRATION ...Activated Sludge; Kinetics; Mechanism Determination; Recycle Water; ...3.0269

MACRO-FAUNA IN WASTE STABILIZATION LAGOONS ...Animal Habitat Studies; Aquatic Ecology - Animal; Organic Matter; Sewage Lagoons; Waste Water Degradation; ...3.0283

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific; Calorimetry; Degradation; Fungi -nonspecific; Industrial Wastes; Photolysis; Pulp and Paper Wastes; Thin Layer Chromatography; Waste Water Degradation; ...3.0284

MICROBIOLOGICAL TREATMENT OF POTATO WASTES ...Bench Scale; Degradation -see Pesticide Deg; Food Processing Wastes; Plant Waste Removal, Treatment; ...3.0286

RESEARCH ON AN ANIMAL-WASTE POLLUTION CONTROL SYSTEM ...Air Pollution; Animal Wastes - Feed Lots; Dewatering; Farm Animal Wastes; Gas Chromatography; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; ...3.0289

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Water Reuse; ...3.0298

DEMONSTRATION OF A NEW PROCESS FOR THE TREATMENT OF HIGH POLLUTANT CONCENTRATION TEXTILE AND FINISHING WASTES ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Industrial Wastes; Oxidation; Rhode Island; Textile Industry; Waste Treatment Economics; ...3.0307

THERMOPHILIC AEROBIC PROCESS FOR WASTE TREATMENT ...Activated; Aerobic Waste Water Treatment; Mathematical Models; Process Design; Thermophilic Bacteria; ...3.0308

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water; Infiltration; Organic Water Properties; Pilot Plants; Safety -see Farm Safety; South Carolina; Waste Management -see Specific; Water Purification; ...3.0310

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Costs -see Economics Entries; Food Processing Industries; Industrial Wastes; Plant Waste Removal, Treatment; South Carolina; Waste Disposal on Soils; ...3.0311

MICROBIAL RELEASE OF SOLUBLE PHOSPHATE IN AN ACTIVATED SLUDGE ENVIRONMENT ...Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Gases; Microorganisms - nonspecific; Sewage Bacteria; Waste Management -see Specific; ...3.0331

LAGOONS FOR DAIRY FARMS ...Animal Wastes - Feed Lots; Bacterial Studies -general; Cellular Catabolism-see Degrad; Farm Animal Wastes; Lagoon; Temperature - Air; Water Reuse; ...3.0338

BIOLOGICAL TREATMENT OF SPENT VEGETABLE TANNINS ...Color (water); Industrial Wastes; Oxidation; Rate of Reaction; Tannery Wastes; ...3.0343

TREATMENT AND UTILIZATION OF WASTES ...Algae -nonspecific; Farm Animal Wastes; Industrial Wastes; Nutrients; Product Development Research, Water Pollution Sources; ...3.0393

RECOVERY OF HEAVY METALS FROM ELECTRONIC SCRAP ...Electrical, Electronic Mtl.; Industrial Wastes; ...3.0402

CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PESTICIDE MANUFACTURING WASTES ...Bibliography; Canada; Contamination - Water; Literature Search; Pesticide Industry; Pesticides; Pesticides -see Pesticide; ...4.0986

Water - Alternative Uses

FORMULATION OF A GENERAL MATHEMATICAL MODEL FOR THE PREDICTION OF THERMAL ENERGY CHANGES IN IMPOUNDMENTS ...Climatology; Development of Models; Hydraulics; Reservoirs and Impoundments; ...2.1798

DEVELOPMENT OF COST CRITERIA FOR WATER SUPPLY ...Illinois; Urban Environment; Water Resources Development; Water Transfer; ...2.1824

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

WATER RESOURCES STUDY BY TEXAS WATER RESOURCES COMMITTEE ...Administrative Organizations; Finance -see Economics Entries; Legal Studies; State Government; ...2.1918

Water Allocation

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

STOCHASTIC MODELS FOR WATER RESOURCES MANAGEMENT ...Economic Theory; Management (water); River Basins; Stochastic Models; Water Resources Planning; Water Supply Augmentation; ...2.1879

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Recreation, Water Resources; Water Resources Development; Water Resources Protection; Water Utilization - domestic; ...2.1881

ALLOCATION OF STREAM POLLUTION CARRYING CAPACITY ...Administrative Organizations; Benefit-cost Analysis; Legislation - Zoning; Model Studies; Social Aspects; Water Pollution Abatement; ...2.1885

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA ...Administrative Organizations; Federal Government; Law Enforcement; Local Government; Recreation, Water Resources; State Government; Water Conservation -general; Water Resources Planning; ...2.1915

LEGAL ASPECTS OF WATER RIGHTS AND WATER QUALITY IN EASTERN STATES ...Appropriation; Eastern U. S.; Legal Review; Riparian Rights; Water Quality -general; Wisconsin; ...2.1931

Water Application Methods

SOIL AND WATER MANAGEMENT FOR SALINITY CONTROL - PHASE II ...Groundwater; Leaching; New Mexico; Pesticides - nonspecific; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; Water Pollutants - Path of; ...2.0253

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp. - non-specific; Sprinkler Irrigation; Tension and Measurement, ...2.0562

WATER MEASUREMENT AND APPLICATION DEVICES ...Irrigation; Irrigation Engineering; Model Studies; Physical Models; Sediments; Water Transfer; ...2.1113

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Groundwater; Mineralogical Water Properties; Sprinkler Irrigation; Water Quality Control -general; ...2.1418

IRRIGATION OF CITRUS WITH WASTE WATER ...Absorption (incl. Adsorption); Citrus; Food Processing Industries; Industrial Wastes; Irrigation; Sewage; ...2.1526

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Animal Wastes - Feed Lots; Chlorine; Farm Animal Wastes; Lysimeters; Percolation (water); Sprinkler Irrigation; ...3.0166

Water Balance - Budget

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0364

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Management (water); Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Urban Environment; ...2.0106

DEVELOPMENT OF A MATHEMATICAL MODEL TO PREDICT THE ROLE OF SURFACE RUNOFF AND GROUND WATER FLOW IN OVERFERTILIZATION OF SURFACE WATERS ...Agricultural Runoff; Eutrophication; Groundwater; Mathematical Models; Minnesota; Phosphorus and Phosphorus Cpds; ...2.0208

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Pollution Sources; Water Table; ...2.0240

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

GROUNDWATER QUALITY AND THE HYDROLOGIC BUDGET IN A VALLEY UNDERLAIN BY CARBONATE ROCKS ...Carbonates; Groundwater; Mineralogy; Soil Tillage; Water Quality -general; ...2.0350

AERATION OF LAGOONS IN RIGOROUS CLIMATE AREAS ...Aeration (water); Pilot Plants; Sewage Lagoons; Urban Environment; Water Pollution Effects; ...2.0849

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Industrial Wastes; Organic Matter; Seepage (water); Sewage Lagoons; Waste Management -see Specific; Water Pollutants - Path of; Water Quality -general; ...2.1360

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Table; ...3.0213

Water Conservation -general

ALABAMA ENVIRONMENTAL STUDY-CONFERENCE PROJECT ...Air Pollution; Government -see Federal Gov.; Planning; Water Quality -general; ...1.0475

WATER RESOURCES IN SOURDOUGH AND MIDDLE CREEK WATERSHEDS - A COMPARATIVE STUDY OF QUALITY AND HYDROLOGY ...Acidity (water); Erosion; Montana; Sedimentation; Suspension; Water Quality Control -general; Watersheds; ...2.0230

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Picloram, Specific Rock Unit; Water Table; Water Yield; ...2.0378

FEASIBILITY OF A MOBILE SUBMERSIBLE FOR USE IN CONTROL, MANAGEMENT, STUDY OF NATURAL PROCESSES, PROTECTION & CONSERVATION OF INLAND WATERS ...Lakes; Marine Biology - General; Marine Geology; Thermal Pollution; Water Quality -general; ...2.0688

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Reuse; ...2.0922

CONSERVATION OF WATER AND REDUCTION OF POLLUTION BY USE OF SOLVENT SYSTEMS FOR COLORING TEXTILE MATERIALS ...Dispersants; Fibers; Plastics; Solvent; Textile Industry; Waste Material Recovery; Water Quality Control -general; ...2.0958

OPTIMIZING STRATEGY FOR STATE WATER POLLUTION CONTROL IN THE POST 'PLAN OF IMPLEMENTATION' PERIOD ...Administrative Organizations; Massachusetts; Op-

timization, Economic; Survey Studies (water); Water Quality Control egeneral; Water Resources Planning; ...2.1039

IMPROVED EQUIPMENT AND OPERATING METHODS FOR POULTRY PROCESSING TO REDUCE WATER REQUIREMENTS ...Canning Wastes -see Food Proc.; Food Contamination; Food Engineering & Technology; Industrial Wastes; Poultry Industry; Runoff (water); ...2.1231

EVALUATION OF BENEFIT-COST ESTIMATION OF THE ECOLOGIC AND ECONOMIC IMPACTS FROM WATER RESOURCES CONSERVATION AND DEVELOPMENT ...Benefit-cost Analysis; Ecological Effects; Georgia; Small Watersheds; Water Resources Planning; ...2.1816

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA ...Administrative Organizations; Federal Government; Law Enforcement; Local Government; Recreation, Water Resources; State Government; Water Resources Planning; ...2.1915

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0298

WEED CONTROL INVESTIGATIONS ...Atrazine; Convolvulaceae; Cultural Control; Pesticide Movement in Soils; Picloram; Surfactants - Wetting Agents; Triticum; ...4.0314

Water Control Works -general

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control; Flood Routing; Forecasting - Prediction; Land Use; Mathematical Models; Rain Amount; Sediment Yield; Texas; ...2.0388

THE MECHANICS OF SEDIMENT REMOVAL FROM ALLUVIAL STREAMS ...Design Criteria; Fluid Mechanics; Flume Studies; Mathematical Models; Sedimentation; ...2.1280

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Biological Water Properties; Destratification; Flow Characteristics (water); Model Studies; Physical Water Properties; Reservoirs and Impoundments; Tennessee; Water Quality Control -general; Water Supply -general; ...2.1713

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Effluents - Waste Water; Industrial Wastes; Management (water); Potomac River; Systems Analysis - Water Mgmt; Water Costs; Water Quality Control -general; ...2.1905

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation, Water Resources; Transportation; Water Resources Protection; ...2.1928

Water Costs

PROCESSING RETORTING WATERS AND GASES FOR POLLUTION CONTROL ...Effluents - Waste Water; Oil Shale; Recovery - Production; Waste Material Recovery; ...1.0664

A PROPOSAL TO DEVELOP A PLAN FOR THE CONSTRUCTION AND TESTING OF WATER POLLUTION FORECASTING MODELS ...Forecasting - Prediction; Mathematical Models; Water Quality Control -general; Water Supply -general; ...2.0660

MULTI-BASIN WATER QUALITY SIMULATION ...Canals; Flood Routing; Land Use; Texas; Water Standards & Baselines; ...2.0810

BRACKISH WATER PURIFICATION BY BIOLOGICAL FUEL CELL POWERED ELECTRODIALYSIS ...Brackish Water; Desalination; Effluents - Waste Water; Electrodialysis; Microorganisms -nonspecific; Salt Water; ...2.0917

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Quality Control - general; Water Storage; ...2.1038

RECLAMATION OF POLLUTED FRESHWATER AQUIFERS BY PURGING ...Aquifers; Computer Models; Mapping; Simulation Theory; Water Pollutant Identification; ...2.1083

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Plant Waste Removal, Treatment; Solid Waste; Water Resources Development; ...2.1213

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Delaware; Food Processing Industries; Irrigation; Plant Waste Removal, Treatment; Rain; Vegetables; ...2.1214

IMPACT OF CHANGES IN TECHNOLOGY ON WATER USE ...Agricultural Economics; Consumptive Use (water); Government -see Federal Gov.; Water Standards & Baselines; ...2.1219

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Effluent-standards; Forest Management; Idaho; Irrigation; Sediment Thickness; Water Reuse; ...2.1241

AN ECONOMIC STUDY OF MUNICIPAL SURCHARGES ON INDUSTRIAL WASTES ...Budgeting Analysis; Disposal Wastes; Industry; Regression Analysis; Social Aspects; Urban Environment; Waste Treatment; ...2.1359

DEVELOPMENT OF CRITERIA FOR REGIONALIZATION OF WATER WASTES MANAGEMENT SYSTEMS ...Administrative Organizations; Management (water); Social Aspects; Waste Disposal-see Solid Waste; Water Standards & Baselines; ...2.1403

A STUDY OF NATIONAL POLICY ALTERNATIVES FOR URBAN WATER MANAGEMENT ...Benefit-cost Analysis; Literature Search; Management (water); Urban Environment; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.1438

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Transfer; Water Utilization -plant; ...2.1791

DEVELOPMENT OF COST CRITERIA FOR WATER SUPPLY ...Illinois; Urban Environment; Water - Alternative Uses; Water Resources Development; Water Transfer; ...2.1824

ECONOMIC EVALUATION OF THE EFFECT OF SELECTED CROP PRACTICES ON NON-AGRICULTURAL USES OF WATER ...Agricultural Studies -general; Costs -see Economics Entries; Mathematical Models; Optimization, Economic; Sediments; Water Quality -general; ...2.1828

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Pollution Abatement; Water Storage; ...2.1831

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water - Alternative Uses; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Community - Social Studies; Effluents - Waste Water; Legal Studies; Optimization, Economic; Water Resources Planning; Water Standards & Baselines; Welfare Economics; ...2.1844

USER ATTITUDES TOWARD WATER QUALITY AND PRICE ...Attitudes & Attitude Change; Nevada; Price & Value -see Economics; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1867

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Consumption; Economic Projections- Forecast; Forecasting - Prediction; Statistics; Water Resources Planning; Water Transfer; ...2.1874

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Confidence Intervals; Digital Computer Applications; Hudson River; Monte Carlo Methods; Optimization Technique; River Basins; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

COST-REDUCING TECHNIQUES OF WASTE DISPOSAL AND OPTIMUM USE OF WATER RESOURCES ...Canning Wastes - see Food Proc.; Food Processing Industries; Industrial Wastes; Optimization, Economic; Waste Treatment; Waste Water Treatment -general; Water Quality Control -general; ...2.1890

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; Lakes; North Carolina; Soil Cover Crops; Surveying; Urban Research -general; Water Quality -general; Water Yield; Weather Data; ...2.1892

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Effluents - Waste

Water; Industrial Wastes; Management (water); Potomac River; Systems Analysis - Water Mgmt; Water Quality Control -general; ...2.1905

SOME LEGAL, SOCIAL AND ECONOMIC PROBLEMS OF GROUNDWATER POLLUTION ...Attitudes & Attitude Change; Legal Studies; Sewage Treatment Plant; Water Quality Control - general; ...2.1910

STUDY OF THE APPLICABILITY OF EFFLUENT CHARGES TO WATER QUALITY MANAGEMENT IN THE STATE OF WISCONSIN ...Economic Impact; Literature Search; Water Resources Planning; Wisconsin; ...2.1935

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Rights; Water Utilization -general; ...2.1936

IMPROVE METHODS, EQUIPMENT & FACILITIES FOR HANDLING WASTE MATERIAL FROM LIVESTOCK MARKETS & FEEDLOT ...Agricultural Runoff; Costs -see Economics Entries; Farm Animal Wastes; Lagoon; Taste & Odor of Water; ...3.0203

Water Cycle

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Zinc; ...2.0068

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Biological Water Properties; Chemical Water Properties; Chlorine; Drainage; Fertilizers; Irrigation; Mineralogical Water Properties; Soil Chemical Properties; Temperature (water); Water Quality -general; ...2.0120

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; Water Pollution Sources; ...2.0220

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Zinc; ...2.0281

RADIONUCLIDE CYCLING IN NATURAL POPULATIONS OF AMPHIBIANS ...Amphibians; Aquatic Ecology - Animal; Contamination - Water; Iodine; Manganese; Zinc; ...2.0331

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

PHYSIOCHEMICAL RESPONSES OF RIVERS TO NATURAL AND MANMADE ENVIRONMENTAL CHANGES ...Chemical Water Properties; Mans Pollutional Activities; Model Studies; Nutrients; Physical Water Properties; Water Pollutants - Path of; ...2.0377

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Atomic Plants; Columbia River; Energy Conversion; Fish; Periphyton; Phosphorus and Phosphorus Cpds; Water Pollution Sources; Zinc; ...2.0420

LEAD IN AQUATIC ENVIRONMENTS ...Air Pollution; Estuaries; Industrial Wastes; Lead; Ocean Mixing; Puget Sound; Seasonal Studies; Water Standards & Baselines; ...2.0425

A SYSTEMS ANALYSIS OF WATER AND NUTRIENT FLOWS IN THE LAKE WINGRA BASIN ...Computer Models; Eutrophication; Mathematical Analysis; Nutrients; Simulation Theory; Systems Analysis; ...2.0644

TERRESTRIAL ECOLOGY ...Algae -nonspecific; Freezing & Below; Low Temp. - But Above 32f; Pinus -non-specific; Radioisotopes; Soil Moisture; Sprinkler Irrigation; Transpiration and Evap; ...2.1001

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Geochemical Analysis (water); Idaho; Quaternary Period; Structural Analysis - Geology; Tertiary Period; Water Pollution Sources; Water Storage; ...2.1240

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Pollution Sources; ...2.1752

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal; Bays; Florida; Social Aspects; Urban Environment; Urban Planning; Urban Research -general; Water Quality -general; Water Resources Planning; ...2.1809

WATER AND THE CITIES ...Architecture and Design; Inventories; Recreation, Water Resources; Urban Environment; Water Pollution Abatement; ...2.1846

WATER RESOURCE OPERATIONS STUDY ...Economic Theory; Operations Research; Water Quality -general; Water Resources Development; Water Transfer; Water Utilization -general; Wyoming; ...2.1941

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Quality Control - general; ...4.0036

ECOLOGICAL STUDIES OF RADIONUCLIDES IN ECOSYSTEMS AT NUCLEAR DETONATION SITES ...Hydrogen; Plant Ecology -nonspecific; Pollution Effects -see Water; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioecology - Plants; Transpiration and Evap; ...5.0008

THE STUDY OF THE LIFE HISTORY OF RADIONUCLIDES RELEASED INTO A MARINE AND TERRESTRIAL ECOSYSTEM AT THE SITE OF A SMALL BOILING-WATER REACTOR ...Atomic Plants; Hydrogen; Marine Biology - General; Model Studies; Reactor Sites & Rad Waste; ...5.0010

FIELD EXPERIMENTS ON THE FLUX OF RADIONUCLIDES THROUGH A SALT MARSH ECOSYSTEM ...Amphibious Plants; Chemical Properties; Eastern U. S.; Gramineae; Model Studies; Phosphorus and Phosphorus Cpds; Primary Productivity - Plants; Radioisotopes; Swamps - Marshes; ...5.0032

RADIOECOLOGICAL EFFECTS OF FALLOUT ...Cesium; Gramineae -other; Grasslands; Leaching; Plants; Radioactive Fallout-cf Fallout; Runoff (water); ...5.0629

Water Demand

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

LIVESTOCK FARMSTEAD WATER SYSTEMS ...Chemical Treatment (water); Farm Structures & Design; Flow Characteristics (water); Mathematical Models; Pumps; Water Distribution Systems; Water Utilization -general; ...2.0901

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Plant Waste Removal, Treatment; Solid Waste; Water Costs; Water Resources Development; ...2.1213

COMMUNITY ADOPTION OF WATER RECYCLING SYSTEMS ...Community - Social Studies; Social Aspects; Urban Environment; Water Resources Planning; Water Supply -general; ...2.1301

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Benefit-cost Analysis; Demand and Use -recreation;

Economics -recreation; Oregon; Regional Economics; Welfare Economics; ...2.1900

Water Depth, Water Levels

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat, Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; ...2.0235

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; ...2.0332

EUROPHICATION - PHYSICAL ECOLOGICAL CONTROL ...Algae -nonspecific; Chemical Water Properties; Cultural Control; Environmental Influences; Eutrophication; Physical Water Properties; Stratification (water); Water Quality Control -general; ...2.0334

EVALUATION OF WETLAND IMPOUNDMENTS ON STATE-OWNED WILDLIFE AREAS ...Amphibious Plants; Demand and Use -recreation; Management (water); Recreation, Water Resources; Submerged Plants; Wetlands; Wildlife -nonspecific; ...2.0435

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Estuaries; Geology -general; River Basins; Soil Tillage; Water Table; Wind; ...2.0538

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

INVESTIGATION OF LAKE WATER QUALITY IN EASTERN SOUTH DAKOTA WITH REMOTE SENSING TECHNIQUES ...Aircraft Remote Sensing; Geologic Maps; Lakes; Soil Tillage; Water Quality -general; ...2.0798

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

STABILIZATION POND OPERATION IN TROPICAL AREAS ...Algae -nonspecific; Nitrogen and Nitrogen Cpds.; Sewage Lagoons; Waste Management -see Specific; ...2.1216

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; ...2.1272

CRITERIA FOR WASTE-DISPOSAL SITES IN THE KANSAS RIVER VALLEY ...Alluvium - Alluvial; Chemical Analysis (water); Kansas; Scouring; Waste Disposal-see Solid Waste; Water Table; ...2.1273

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Arkansas; Copepoda; Environmental Ecology; Micropterus Dolomieui; Pathology; Recreation, Outdoor; ...2.1481

IMPLEMENTATION OF HABITAT ALTERATIONS ...Amphibious Plants; Animal Succession; Depth (water); Environmental Ecology; Lakes; Population Dynamics -general; ...2.1534

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Quality Control -general; Water Rights; ...2.1813

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Fishery Development - other; Lake Ontario; Pesticides -see Pesticide; Residues in Foods; Water Resources Planning; ...2.1876

Water Distribution Systems

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection; Chemical Water Properties; Electrochemistry; Lead; Physical Water Properties; Trace Elements; Water Quality -general; Zinc; ...2.0623

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Ash-coal Filters; Filters-filtration; Filtration; Pilot Plants; Sand; Soil Particle Size; Turbidity (water); ...2.0887

LIVESTOCK FARMSTEAD WATER SYSTEMS ...Chemical Treatment (water); Farm Structures & Design; Flow Characteristics (water); Mathematical Models; Pumps; Water Utilization -general; ...2.0901

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides -nonspecific; Biological; Coatings -see Materials; Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Plastics; ...2.0977

COORDINATED MANAGEMENT AND DESIGN OF METROPOLITAN AREA WATER SUPPLY AND WASTE WATER DISPOSAL NETWORKS - A LINKED SYSTEMS ANALYSIS ...Management (water); Model Studies; Optimization, Economic; Sewer Systems; Systems Analysis - Water Mgmt; Urban Research -general; ...2.1349

ECOLOGICAL IMPACTS OF RECLAMATION PROJECTS ...Aquatic Ecology - Animal; Ecological Effects; Plant Freshwater Ecology; Reservoirs and Impoundments; ...2.1508

URBAN WATER POLICY AS AN INPUT IN URBAN GROWTH POLICY ...Government -see Federal Gov.; Land Use; Sewer Systems; Survey Studies (water); Urban Planning; Water Resources Planning; ...2.1916

APPLICATION OF DYNAMIC AND LINEAR PROGRAMMING TO URBAN DEVELOPMENT ...Fiscal Analysis -general; Public Utilities; Storm Sewer Quantity; Taxes - State Or Local; Urban Roads; Water Supply Facilities; ...3.0082

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bos; Drainage; Effluents - Waste Water; Lysimeters; Rural Areas; Sewage; Soil Aeration; Soil pH; Waste Disposal on Soils; ...3.0265

Water Loss Control

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods, Model Studies; Nutrients; Physical Water Properties, Recreation, Water Resources; Sediments; Urban Environment; Water Resources Protection; ...2.1581

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

Water Movement -general

POLLUTION LOADS IN RUNOFF FROM SMALL AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Fertilizers; Herbicides -nonspecific; Pesticides -nonspecific; Pesticides -see Pesticide; ...2.0174

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design, Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

STRUCTURE & MOTIONS - ATLANTIC ...Estuaries; Gulf of Mexico; Marine Environments; Marine Pollution; Ocean Currents; Ocean Hydrodynamics; Sea Water Chemistry; Ships and Cruises; Temperature; ...2.0509

STUDY OF AN UNSPOILED ESTUARY ...Bays; Management (water); Tides; Water Quality -general; Water Supply Development; ...2.0745

WATER QUALITY CONTROL BY SELECTIVE WITHDRAWAL AND REAERATION ..Aeration (water); Mathematical Models; Reservoirs and Impoundments; Seismology; Turbidity (water); Water Quality -general; ...2.0979

ESTUARINE HYDROGRAPHY AND ITS ROLE IN TRANSPORT OF NATURALLY PRODUCED FOODS AND POLLUTANTS ...Effluents - Waste Water; Forecasting - Prediction; Nutrients; Water Quality -general; ...2.1000

HYDROGRAPHY OF NEW YORK BIGHT IN RELATION TO OFFSHORE WASTE DISPOSAL ...Atlantic Ocean; Density; New Jersey; Ocean Hydrodynamics; Salinity; Temperature; Waste Disposal-see Solid Waste; ...2.1332

HYDROLOGY OF THE CRYSTALLINE ROCK SYSTEM IN SOUTHEASTERN STATES ...Alabama; Groundwater; Maryland; Petrology; Piedmont Province; Southeast U. S.; Water Quality - general; Water Yield; ...2.1660

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

FEED AND WASTE HANDLING IN THE DAIRY OPERATION ...Animal Wastes - Feed Lots; Linings - Pavings; Sprinkler Irrigation; Waste Disposal on Soils; ...3.0295

Water Pollutant Identification

TRACE AMOUNT SUBSTANCES IN ENVIRONMENTAL HEALTH ...Chemical Analysis (water); Developmental Physiology; Environmental Effects - Human; Health & Geographic Factors; Sus; ...1.0217

MEASUREMENT OF AIR AND WATER QUALITY ...Air Pollution; Air Pollution Analysis; Water Quality -general; ...1.0845

FATE OF HARMFUL METALS IN SOIL AND WATER SYSTEMS ...Absorption (incl. Adsorption); Chemical Effects; Formation Principles; Radioisotopes -nonspecific; Soil Microbiology; Water Pollution Sources; ...2.0005

TOTAL ORGANIC CARBON AS A POLLUTION CONTROL PARAMETER IN SUB-ARCTIC WATERS ...Alaska; Chemical Oxygen Demand; Organic Matter; Polar Regions; ...2.0007

A STUDY OF PHYTOPLANKTON DYNAMICS IN LAKE FAYETTEVILLE AS A MEANS OF ASSESSING WATER QUALITY ...Algae -nonspecific; Biological Water Properties; Eutrophication; Lake Stages; Physical Water Properties; Primary Productivity - Plants; ...2.0022

TRACE ELEMENTS IN GRAND RIVER AND LAKE ERIE ...Canada; Lake Erie; Nutrients- ...2.0054

POLLUTION IN HAWAIIAN WATERSHEDS ...Bacterial Pollutant Sources; Biological Water Properties; Chemical Water Properties; Hawaii; Nutrients; Water Pollution Effects; Water Pollution Sources; Watersheds; ...2.0118

ALGAL GROWTH POTENTIAL OF ILLINOIS WATERS ...Algae -nonspecific; Illinois; Plant Productivity -general; Water Quality - general; ...2.0128

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; India; Marine Biolog. - General; Ocean Currents; Radioactivity; Radioecology - Plants; Salinity; Vertebrates Excl. Man; Water Pollution Sources; ...2.0136

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects - see Water; Sands & Gravels; Water Pollution Effects; ...2.0139

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Analysis (water); Environmental Influences; Eutrophication; Iowa; Nutrients; Water Standards & Baselines; ...2.0143

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Water Properties; Eutrophic Lakes; Eutrophication; Iowa; Oxygen Content (water); Water Pollutants - Path of; Water Quality Control -general; ...2.0144

THRESHOLD ODOR DETERMINATIONS OF WATER SAMPLES FROM THE LOWER MISSISSIPPI RIVER ...Chemical Analysis (water); Chemical Water Properties; Mathematical Models; Mississippi River; Potable Water; Taste & Odor of Water; Water Quality -general; ...2.0163

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; ...2.0178

EUTROPHICATION STUDIES IN BOSTON HARBOR ...Algae - Chlorophyta; Eutrophication; Harbors; Massachusetts; ...2.0179

STATE-OF-THE-ART STUDY ON CHEMICAL POLLUTION OF FRESH WATER AS A POTENTIAL HUMAN HEALTH HAZARD ...Water Pollution -see Specifics; ...2.0185

A COHERENT-AREA STUDY OF SOUTHERN LAKE MICHIGAN ...Eutrophic Lakes; Eutrophication; Lake Michigan; Mans Pollutional Activities; Sedimentation; Weather Modification; ...2.0191

IDENTIFICATION AND ORIGIN OF SEASONAL FOAM IN THE PEARL RIVER RESERVOIR ...Reservoirs and Impoundments; Training Grants, Fellowships; Water Pollution Sources; ...2.0211

NATURAL WATER SYSTEMS IN WESTERN MONTANA ...Aquatic Ecology - Animal; Chemical Water Properties; Montana; Plant Freshwater Ecology; Water Properties -general; ...2.0234

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

EXTENT OF LAKE ONTARIO POLLUTION CAUSED BY THE OSWEGO RIVER ...Aquatic Ecology - Animal; Ecological Effects; Lakes; Marine Environments; Pollution Effects -see Water; Range Or Territorial Distr.; Waste Dilution- Self Purifying; ...2.0272

CONTROL OF POLLUTION FROM OUTBOARD ENGINES EXHAUST: A RECONNAISSANCE STUDY ...Air Cleaning Devices; Combustion; Gas Chromatography; Thin Layer Chromatography; Water Purification; ...2.0275

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Algal Physiology; Estuaries; Eutrophication; Marine Plants; North Carolina; Phosphorus and Phosphorus Cpds; Phytoplankton; ...2.0291

NUTRIENT EXCHANGES AND SOURCES OF NITROGEN AND PHOSPHORUS IN THE UPPER SHEYENNE RIVER WATERSHED ...Lakes; Nitrogen and Nitrogen Cpds.; North Dakota; Nutrients; Phosphorus and Phosphorus Cpds; Reservoirs and Impoundments; Watersheds; ...2.0296

SELECTED URBAN STORM WATER RUNOFF ABSTRACTS ...Catalogs, Tables, Compilations; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0344

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; ...2.0358

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Data Reduction and Analysis; Geology -general; Hydraulics; Texas; Water Pollution Sources; Water Supply -general; Water Wells; ...2.0375

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Quality -general; ...2.0395

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS ...Biological Water Properties; Circulation (water); Eutrophication; Fish Food Organisms; Nutrients; Phytoplankton; Water Bacteria; Wisconsin; ...2.0443

STUDIES ON THE INTERACTIONS OF BACTERIA AND NEMATODES ...Animal Interrelationships -gen; Aquatic Ecology - Animal; Bacterial Pollutant Sources; Invertebrate Physiology; Plant Freshwater Ecology; ...2.0461

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Alabama; Bacterial Ecology; Bays; Coliforms -nonspecific; Marine Pollution; Sewage; Size; ...2.0464

CHEMICAL INDICATORS FOR FECAL POLLUTION ...Feces; Sewage; ...2.0465

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Bioindicators; Chlorine; Contamination - Water; Mercury; Organic Matter; Pesticides -nonspecific; Population Dynamics -general; Zinc; ...2.0466

BIOLOGICAL PROPERTIES OF SEWAGE LAGOONS AT TUSKEGEE, ALABAMA ...Alabama; Cellular Biosynthesis; Contamination - Water; Microorganisms -nonspecific; Sewage Lagoons; Water Pollution Effects; ...2.0468

AQUATIC-BIOTIC COMMUNITY STRUCTURE AS AN INDICATOR OF POLLUTION ...Acidity (water); Benthic Fauna; Invertebrates -nonspecific; Pollution Effects -see Water; Species Diversity Measurement; Strip Mines; ...2.0469

ORGANIC COMPOUNDS IN ALASKA PERMAFROST GROUNDWATER ...Alaska; Groundwater; Permafrost - Frozen Soils; Thin Layer Chromatography; ...2.0471

PLAQUING AND FLUORESCENT ANTIBODY METHODS FOR DETECTION AND IDENTIFICATION OF ENTEROVIRUSES ...Viral Pollutant Sources; ...2.0476

VIABILITY OF INDICATOR BACTERIA, COLIFORM, FAECAL COLI & ENTEROCOCCI IN VARIOUS TROPICAL WATERS OF THE NORTHERN TERRITORY INCLUDING SEAWATER ...Australia; Bioindicators; Intestinal Bacteria; Sewage Bacteria; ...2.0484

POLLUTION OF BOTANY SAND BEDS ...Australia; Reservoirs and Impoundments; ...2.0485

TASTES AND ODORS IN WATER SUPPLIES ...Actinomycetes - nonspecific; Algal Pollutant Sources; Nitrogen and Nitrogen Cpds.; Potable Water; Taste & Odor of Water; Water Pollution - see Specifics; Water Quality -general; ...2.0486

PROVISIONAL ALGAL ASSAY PROCEDURES ...Algae -nonspecific; Bioassays; Eutrophication; Primary Productivity - Plants; ...2.0487

INDUSTRIAL WATER POLLUTION CONTROL PROBLEMS ...Industrial Wastes; Water Quality Control -general; ...2.0494

ORGANIC SUBSTANCES IN WATER ...Analysis and Detection; Chemical Analysis (water); Chlorinated Hydrocarbons; Distillation; Herbicides -nonspecific; Organic Matter; Pesticides -see Pesticide; ...2.0496

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Em Radiation; Marine Biology - General; Monolayers; Polarimetry; Reflectance; Survey Studies (water); ...2.0499

THE DEGREE OF FECAL POLLUTION IN THE WATER OF REGIONS OF THE EASTERN DISTRICTS, BY A NEW COMBINED CHEMICAL-MICROBIOLOGICAL METHOD ...Canada; Coliforms -nonspecific; Industrial Wastes; Lead; Mercury; Sewage; Water Pollution -see Specifics; ...2.0506

TAXONOMY AND BIOLOGY OF SLUDGE WORMS ...Annelida; Aquatic Ecology - Animal; Brackish Water; Fresh Water; Taxonomy -animal; ...2.0507

ANALYTICAL METHODS - WATER CHEMISTRY ...Analysis and Detection; Chromatography; Electroanalyses; Photometry; Trace Analysis; Zinc; ...2.0514

TECHNIQUES AND INSTRUMENTATION - MONITORING LABORATORY ...Analysis and Detection; Chemical Analysis (water); ...2.0516

WATER QUALITY MANAGEMENT DECISIONS IN COLORADO ...Administrative Organizations; Colorado; Law Enforcement; Management (water); Water Quality -general; Water Resources Planning; Water Standards & Baselines; ...2.0520

A SYSTEM FOR GEOLOGIC EVALUATION OF POLLUTION POTENTIAL AT MOUNTAIN DWELLING SITES ...Data Reduction and Analysis; Groundwater; Percolation (water); Sewage; ...2.0521

APPLIED ECOLOGICAL STUDY OF SPRING CREEK, FORT COLLINS, COLORADO ...Annelida; Invertebrates -nonspecific; Species Diversity Measurement; Water Pollution Sources; Watersheds; ...2.0522

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Gas Chromatography; Mass Spectroscopy; Potable Water; Taste & Odor of Water; Water Pollution Sources; ...2.0526

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Analysis and Detection; Gas Chromatography; Mass Spectroscopy; Microorganisms -nonspecific; Water Bacteria; Water Pollution -see Specifics; Water Pollution Sources; ...2.0527

VARIABILITY IN DIATOM MORPHOLOGY AND WATER POLLUTION ...Chemical Water Properties; Diatoms (see Also Algae); Environmental Influences; ...2.0530

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Brazil; Florida; Maripe Plants; Plant Distribution; Plant Population Dynamics -gen; Protozoa; Taxonomy -plant; Water Quality - general; ...2.0542

ENZYME SYSTEMS OF ESTUARINE ORGANISMS ...Bioassay; Contamination - Water; Fish; Invertebrate Physiology; Organophosphorous Cpds.; Pesticides -see Pesticide; Wildlife Toxicity; ...2.0546

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Bacterial Ecology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Mathematical Models; Nutrients; Rehabilitation -streams -lakes; Sewage; Water Pollution -see Specifics; ...2.0552

FLUORESCENT PROBES IN THE DEVELOPMENT OF NEW ANALYTICAL METHODS FOR WATER POLLUTION ...Analysis and Detection; Fluorometry; Quantum Yield; ...2.0553

APPLICATION OF MODERN ELECTROANALYTICAL TECHNIQUES TO THE ANALYSIS OF HEAVY METALS IN WATER ...Analysis and Detection; Chemical Mechanisms & Kinetics; Electroanalyses; Mineralization; Trace Analysis; ...2.0557

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU ...Aquatic Distribution; Bacterial Ecology; Bays; Hawaii; Intestinal Bacteria; Nitrogen and Nitrogen Cpds.; Sewage; ...2.0563

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Weathering -geologic; ...2.0566

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Air - Sea Boundary Studies; Atomic Absorption; Bays; Degradation -see Pesticide Deg; Hawaii; Marine Pollution; Organic Matter; ...2.0567

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; ...2.0571

AN INVESTIGATION OF FACTORS INFLUENCING WATER QUALITY IN SOUTH FORK, COEUR D'ALENE RIVER ...Idaho; Water Pollution Sources; Water Quality -general; ...2.0573

ELECTROCHEMICAL METHODS FOR THE DETERMINATION OF TRACE AMOUNTS OF PHOSPHATE IN NATURAL WATER ...Analysis and Detection; Chelation & Complexing; Electrochemistry; Polarography; Trace Analysis; Trace Element Analysis; Voltammetry; ...2.0575

THE SEPARATION AND IDENTIFICATION OF TRACE ORGANICS OF INDUSTRIAL ORIGIN IN NATURAL WATERS ...Adsorption; Concentration; Gas Chromatography; Infrared Spectroscopy; Organic Matter; Spectrographic Techniques; ...2.0581

ECOLOGIC IMPACT OF HUMAN ACTIVITIES ON WATER RESOURCE ENVIRONMENTS ...Animal Pollutant Sources; Chemical Water Properties; Ecological Effects; Mans Pollutional Activities; Physical Water Properties; ...2.0584

PREIMPOUNDMENT STUDY OF WATER QUALITY, SAYLORVILLE RESERVOIR DES MOINES RIVER, IOWA ...Data Networks; Iowa; Recreation, Water Resources; Types of Resources; Water Properties -general; Water Standards & Baselines; ...2.0585

MOLECULAR AND APPLIED ASPECTS OF MICROBIAL ENZYMOLOGY AND ECOLOGY ...Animal Wastes - Feed Lots; Bacterial Ecology; Bacterial Population Surveys; Cellular Biosynthesis; Food Contamination; Sewage; Streptococcus Fecalis; ...2.0586

COLIBACTERIOPHAGES AS VIRUS INDICATORS IN WATER AND WASTEWATER ...Aerobacter Aerogenes; Bacterial Identification; Bacterial Population Surveys; Bacteriophage; Effluents - Waste Water; Escherichia Coli; Viral Pollutant Sources; ...2.0589

APPLICATION OF ELECTRON SPIN RESONANCE IN WATER POLLUTION STUDIES ...Analysis and Detection; Chemical Analysis (water); Spectrographic Techniques; Urban Environment; Urban Research -general; ...2.0591

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - EFFECTS ON INDICATOR ORGANISMS ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Bottom Sampling; Effluents - Waste Water; Mollusca; ...2.0597

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Detergents -see Surfactants; Industrial Wastes; Lasers and Masers; Mass Spectroscopy; Pesticides -see Pesticide; Petroleum Research; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

THE IMPACT OF MICROORGANISMS ON OIL ...Bacterial Ecology; Biological Effects; Degradation -see Pesticide Deg; Food Contamination; Louisiana; Ostreidae (oyster); Petroleum Wastes - Spillage; ...2.0603

ANALYSIS OF FISH TISSUE FOR MERCURY CONTENT ...Analysis and Detection; Atomic Absorption; Connecticut River; Contamination - Water; Fish; Massachusetts; Mercury; ...2.0617

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection; Chemical Water Properties; Electrochemistry; Lead; Physical Water Properties; Trace Elements; Water Distribution System.; Water Quality -general; Zinc; ...2.0623

RESEARCH ON THE MACROBENTHOS OF THE GREAT LAKES ...Annelida; Benthic Fauna; Fish Food Organisms; Lake Erie; Lakes; Population Dynamics -general; ...2.0624

ECOLOGICAL MONITORING OF STREAM SYSTEMS ...Aquatic Ecology - Animal; Benthic Fauna; Channels; Physical Models; Water Quality -general; ...2.0629

DETECTION, IDENTIFICATION, AND DETERMINATION OF OILS, TARS, AND SLIMES BY REFLECTANCE SPECTROSCOPY ...California; Chemical Properties; Internal Reflection; Petroleum Wastes - Spillage; ...2.0630

TECHNOLOGICAL ASSESSMENT OF REMOTE SENSING ...Aircraft Remote Sensing; Chemical Water Properties; Estuaries; Management (water); Ponds; ...2.0632

INDICATOR PATHOGEN DENSITY RELATIONSHIPS IN TRIBUTARY STREAMS ...Bacterial Ecology; Bacterial Population Surveys; Chemical Analysis (water); Escherichia Coli; Michigan; Sewage Bacteria; ...2.0633

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Standards & Baselines; ...2.0634

POLLUTION OF A MARINA AREA BY WATERCRAFT USE AS INDICATED BY COLIFORM AND CHEMICAL CONCENTRATIONS ...Bacterial Pollutant Sources; Bottom Sampling; Coliforms -nonspecific; Marinas; Ship Wastes; ...2.0635

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Algae -nonspecific; Bioassays; Chemical Analysis (water); Eutrophication; Fertilizers -aquatic; Nutrients; Ponds; ...2.0636

PHYTOPLANKTONIC NITROGEN AS AN INDEX OF CULTURAL EUTROPHICATION ...Algal Physiology; Eutrophic Lakes; Eutrophication; Model Studies; Nitrogen and Nitrogen Cpds.; Phytoplankton; ...2.0637

BEHAVIOR OF PLATINUM ELECTRODES AS REDOX POTENTIAL INDICATORS IN METALLURGICAL SYSTEMS ...Analysis and Detection; Electrical, Electronic Mtl.; Electrochemistry; Infrared Spectroscopy; Metal Processing Wastes; Oxidation; ...2.0640

ZOOPLANKTON BIOMASS AND INCIPIENT EUTROPHICATION IN LAKE SUPERIOR ...Animal Productivity; Eutrophic Lakes; Eutrophication; Plankton Sampling; Taxonomy -animal; Water Quality -general; ...2.0642

BENTHONIC INVERTEBRATES AS AN INDEX OF WATER QUALITY ...Animal Life History Studies; Bioassays; Environmental Ecology; Invertebrates -nonspecific; ...2.0643

RELATION OF PHOSPHORUS IN LAKE BOTTOM DEPOSITS AND POLLUTIONAL HISTORY OF MINNESOTA LAKES ...Core Analysis; Environmental Geology; Lakes; Nutrients; Phosphorus and Phosphorus Cpds; ...2.0645

DIATOMS IN LAKES AND LAKE SEDIMENTS AS AN INDEX TO ENVIRONMENT ...Aquatic Soils; Core Analysis; Lake Deposits; Literature Search; Paleontology; Pollens -see Air Pollution; Water Standards & Baselines; ...2.0647

MAYFLY DISTRIBUTION AS A WATER QUALITY INDEX ...Animal Habitat Studies; Animal Productivity; Environmental Ecology; Mississippi River; Range Or Territorial Distr.; Turbidity (water); Water Quality -general; ...2.0648

A STUDY OF THE DEPURATION PROCESS IN OYSTERS TAKEN FROM POLLUTED WATERS AND REBEDDED IN UNPOLLUTED WATERS ..Bacterial Pollutant Sources; Bioindicators; Mississippi; Shellfish Depuration; ...2.0651

POTENTIOMETRIC TECHNIQUES FOR MONITORING IONS INVOLVED IN WATER POLLUTION ...Analysis and Detection; Automatic Data Aquisition; Chemical Analysis (water); Electrochemistry; Fluorine; Potentiometry; ...2.0656

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Standards & Baselines; ...2.0658

TESTACEA (PROTOZOA - SARCODINA) AS INDICATORS OF WATER QUALITY IN WESTERN MONTANA ...Animal Habitat Studies; Bottom Sampling; Periphyton; Protozoa; Water Quality -general; ...2.0662

MERCURY CONCENTRATIONS IN THE AQUATIC LIFE FORMS AND THE WATERS OF THE UPPER CLARK FORK RIVER ...Crustacea; Fish; Mercury; Mollusca; Montana; Pollution Effects -see Water; Water Pollution -see Specifics; ...2.0663

ENVIRONMENTAL REQUIREMENTS OF SELECTED ESTUARINE CILIATED PROTOZOA ...Estuaries; Marine Environments; New Hampshire; Swamps - Marshes; ...2.0668

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Supply - general; ...2.0670

DETECTION AND ENUMERATION OF VIRUS IN NATURAL WATERS ...Viral Pollutant Sources; Water Quality Control - general; ...2.0671

RECOVERY, SEPARATION AND IDENTIFICATION OF PHENOLIC COMPOUNDS, NEW JERSEY ...Chemical Analysis (water); Distillation; Infrared Spectroscopy; New Jersey; Separation; Ultraviolet Spectroscopy; ...2.0681

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Bioassays; Coliforms -nonspecific; Data Reduction and Analysis; Microorganisms -nonspecific; New Mexico; Rumen Bacteria; Water Pollution -see Specifics; Water Quality -general; Water Utilization -domestic; ...2.0684

ECOLOGY OF YEASTS IN LAKE CHAMPLAIN ...Acidity (water); Bioindicators; New York; Plant Freshwater Ecology; Temperature (water); ...2.0700

NATURE OF EXOTIC SUBSTANCES IN SURFACE WATERS AND IMPLICATIONS AS WATER SUPPLY CONTAMINANTS ...Arthropods; Atomic Absorption; Detectors and Sensors; Emission Spectroscopy; Gas Chromatography; Periphyton; Water Pollution -see Specifics; ...2.0706

DEVELOPMENT OF PROVISIONAL ALGAL ASSAY PROCEDURE ...Algae -nonspecific; Algal Physiology; Bioindicators; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Statistics; ...2.0707

BIOLOGICAL MONITORING. . Animal Habitat Studies; Contamination - Water; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; ...2.0711

IDENTIFICATION OF INDICATOR ORGANISMS FOR EVALUATION OF WATER QUALITY ...Bacterial Pollutant Sources; Bottom Sampling; General Recreation Studies; Sanitation; Water Quality -general; ...2.0716

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water); Animal Productivity; Chemical Water Properties; Ohio; Physical

Water Properties; River Basins; Systems Analysis - Water Mgmt; Taxonomy pplant; ...2.0722

DETERMINATION OF TRACE METAL POLLUTANTS IN WATER RESOURCES AND STREAM SEDIMENTS ...Analysis and Detection; Chemical Properties; Sediments; Trace Elements; Water Pollution Sources; X-ray Spectroscopy; ...2.0727

PIGMENT ANALYSIS FOR THE DETECTION OF ENRICHMENT ...Algal Physiology; Carotenoid Pigments; Chlorophyll; Effluents - Waste Water; Nutrients; Phytoplankton; ...2.0736

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Oklahoma; Remote Sensing; Soil Moisture; Soil Thermal Properties; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; ...2.0747

STUDIES ON AQUATIC MYXOBACTERIA ...Bacterial Classification; Bacterial Population Surveys; Degradation -see Pesticide Deg; Myxobacteria; Plant Habitat Studies; Water Bacteria; Water Pollution Sources; Water Quality -general; ...2.0748

ESTIMATING ACID MINE DRAINAGE POTENTIAL FROM COAL BEDS BY USE OF THE SOXHLET EXTRACTOR ...Acid Mine Wastes; Acidity (water); Coal Research; Drainage; Mine Hydrology; Temperature; ...2.0752

THE BEHAVIOR OF SMALLMOUTH BASS AS RELATED TO ARTIFICIAL COVER ...Acidity (water); Aquatic Ecology - Animal; Fish Food Supply -other; Mining Industry; Population Dynamics -general; ...2.0762

THE BIOASSAY OF WATER POLLUTANTS WITH CULTURED MAMMALIAN CELLS ...Bioassay; Detergents -see Surfactants; Pesticide Formulation; Pesticides -nonspecific; ...2.0769

CRITERIA FOR RECOGNITION OF ESTUARINE WATER POLLUTION BY AERIAL REMOTE SENSING ...Aerial Photography; -see Photo.; Electromagnetic Radiation; Estuaries; Photography; Surveying; ...2.0770

THE INSECT ORDER PLECOPTERA AS A BIOLOGICAL INDEX OF FRESH WATER QUALITY ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fresh Water; Organic Water Properties; Rhode Island; Temperature (water); ...2.0771

SENSITIVITY OF BENTHIC MICROFLORA TO POLLUTION GRADIENTS ...Atomic Plants; Carbon; Energy Conversion; Marine Plants; Rhode Island; Water Standards & Baselines; ...2.0773

THE GAUZE PAD METHOD FOR THE ISOLATION OF VIRUSES FROM INLAND AND ESTUARINE WATERS ...Bacterial Pollutant Sources; Coliforms -nonspecific; Estuaries; Streptococcus Fecalis; ...2.0774

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling; Chlorine; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics -general; Rural Areas; Size; ...2.0776

ANALYTICAL PHYSICAL MODEL ...Bays; Biological Water Properties; Marine Pollution; Mathematical Analysis; Mathematical Models; Physical Models; Rhode Island; Thermodynamics; ...2.0777

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Chemical Water Properties; Contamination - Water; Growth; Periphyton; Physiological Effects; Plant Habitat Studies; Sewage; Water Pollution Sources; ...2.0778

SIGNIFICANCE OF THE FECAL STREPTOCOCCI, COLIFORM BACTERIA AND COLIPHAGE IN RELATIONSHIP TO ENTERIC VIRUS POLLUTION IN SEWAGE AND RIVERS ...Bacterial Pollutant Sources; Bacteriophage; Rhode Island; Streptococcus Fecalis; Viruses - Animal; ...2.0780

THE DEVELOPMENT OF DATA FOR BATHING BEACH CRITERIA ...Bacterial Pollutant Sources; Demand and Use - recreation; Recreation, Water Resources; Water Bacteria; Water Pollution -see Specifics; ...2.0781

EVALUATION OF MICROBIOLOGICAL STANDARDS FOR SHELLFISH GROWING WATERS ...Bays; Digestive System - Human; Food Contamination; Rhode Island; Water Pollution -see Specifics; ...2.0782

DIRECT, LOW TEMPERATURE ENUMERATION METHODS FOR FECAL COLIFORMS IN WATER ...Bacterial Pollutant Sources; Bacterial Population Surveys; Coliforms -nonspecific; ...2.0783

QUANTITATIVE RECOVERY OF PSEUDOMONAS AERUGINOSA FROM POTABLE AND RECREATIONAL WATERS ...Bacterial Pollutant Sources; Bacterial Population Surveys; Estuaries; Potable Water; Pseudomonas Aeruginosa; Recreation, Water Resources; ...2.0784

STUDY OF GROWING AREA STANDARD BY EXAMINING ENTEROPATHOGENS AND INDICATOR LEVELS ...Bacterial Population Surveys; Digestive System - Human; Food Contamination; Mollusca; Salmonella -nonspecific & -ot.; Sewage Bacteria; ...2.0785

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN WATERS AND SHELLFISH ...Digestive System - Human; Massachusetts; Viral Pollutant Sources; Wisconsin; ...2.0786

DEVELOPMENT OF A METHOD FOR CHRONIC TOXICITY BIOASSAY USING MARINE PLANKTONIC ALGAE ...Algae - nonspecific; Bioassays; Lower Plants; Plant Population Dynamics - gen; ...2.0788

STUDY OF NITROGEN METABOLISM IN MARINE ALGAE ...Algae -nonspecific; Algal Physiology; Bioassays; Marine Plants; Physiological Effects; ...2.0789

USE OF MARINE PLANKTONIC ORGANISMS FOR EVALUATING THE QUALITY OF MARINE AND ESTUARINE WATERS ...Animal Life History Studies; Bioassays; Estuaries; Phytoplankton; Water Quality -general; ...2.0790

REARING AND SENSITIVITY STUDIES OF VARIOUS LIFE STAGES OF MARINE MACROINVERTEBRATES ...Animal Pharmacology; Crabs; Invertebrate Physiology; Marine Animals; Prawns; ...2.0791

BIOLOGIC DETECTION AND CONTROL OF WATER POLLUTION ...Bacterial Ecology; Ecological Effects; Microorganisms - nonspecific; Reservoirs and Impoundments; Wate Pollution -see Specifics; Water Quality Control -general; ...2.0794

BACTERIOLOGICAL WATER QUALITY ANALYSES OF METHODS FOR DETECTING FECAL POLLUTION ...Animal Wastes - Feed Lots; Bacterial Pollutant Sources; Coliforms -nonspecific; Feces; Sewage Bacteria; ...2.0796

SURVIVAL OF INDICATOR ORGANISMS AND ENTERIC BACTERIA IN WATER ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Dyes; Lakes; Nutrients; Streptococcus Fecalis; Waste Water Treatment -general; ...2.0801

EFFECTS OF INDUSTRIAL EFFLUENTS ON PRIMARY PHYTOPLANKTON INDICATORS ...Diatoms (see Also Algae); Effluents - Waste Water; Ionic Effect; Phytoplankton; Statistics; Tracers; ...2.0802

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Analysis and Detection; Fuels; Lakes; Lead; Mineralization; Recreation, Water Resources; Types of Resources; ...2.0807

MACROBENTHOS AS INDICATORS OF ECOLOGICAL CHANGE ...Aquatic Ecology - Animal; Benthic Fauna; Chemical Water Properties; Physical Water Properties; River Basins; ...2.0816

THE MOLECULAR NATURE OF ORGANIC WASTE REMOVAL PATTERNS ...Activated Sludge; Aquatic Fungi -nonspecific; Bacterial Population Surveys; Organic Matter; Process Design; Total Organic Carbon; ...2.0817

ION SELECTIVE ELECTROCHEMICAL SENSORS ...Brackish Water; Detectors and Sensors; Electrochemistry; Salt Water; ...2.0820

DEVELOPMENT OF SAMPLE PREPARATION METHODS FOR ANALYSIS OF MARINE ORGANISMS ...Bioindicators; Chemical Analysis (water); Marine Biology - General; Water Pollutants - Path of; Water Pollution Effects; Water Quality Control - general; ...2.0824

DETECTION OF PATHOGENS IN WATER ...Bacteria -nonspecific; Bacterial Population Surveys; Escherichia Coli; Fresh Water; Streptococcus Fecalis; ...2.0835

ADVANCE WARNING OF GROUND-WATER POLLUTION HAZARDS, WITH SPECIAL REFERENCE TO AQUIFERS IN GLACIAL OUTWASH ...Aquifers; Geophysical Analysis; Groundwater; Stratification (water); ...2.0842

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants; Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Resources Planning; ...2.0847

CHEMICAL CHARACTERISTICS OF WATERS IN FLOODED BITUMINOUS-COAL MINESHAFTS ...Acidity (water); Bituminous; Chemical Water Properties; Geochemical Analysis

(water); Mine Drainage Control; Mine Hydrology; Mineralization; ...2.0852

A COMPARISON OF TOTAL COLIFORM AND FECAL COLIFORM COUNTS IN STREAM POLLUTION SURVEYS ...Bacterial Identification; Coliforms -nonspecific; Literature Search; Survey Studies (water); ...2.0855

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF WATER QUALITY ...Aircraft Remote Sensing; Data Reduction and Analysis; Internal Reflection; Legislation - Zoning; Water Resources Planning; Wisconsin; ...2.0857

ARTIFICIAL SUBSTRATE SAMPLERS AS INDICATORS OF WATER QUALITY ...Bioindicators; Bottom Sampling; Circulation (water); Currents (water); Periphyton; Statistics; ...2.0860

ATOMIC ABSORPTION ANALYSIS OF PHOSPHATES IN WATER ...Analysis and Detection; Atomic Absorption; Effluents - Waste Water; Waste Properties; ...2.0867

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED, WALWORTH, ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Algae -nonspecific; Chemical Water Properties; Fish; Najadaceae; Physical Water Properties; Range Or Territorial Distr.; Watersheds; ...2.0868

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Combustion; Environment; Loss Damages - Recreation; Recreation, Water Resources; Ship Wastes; Waste Management -see Specific; Water Chemistry; ...2.0906

CONCENTRATION AND ANALYSIS OF PESTICIDES AND OTHER RECALCITRANT MOLECULES IN WATER SUPPLIES BY ULTRAFILTRATION ...Analysis and Detection; Chemical Analysis (water); Pesticide Formulation; Pesticides -see Pesticide; ...2.0921

BEHAVIOR AND CONTROL OF CONTAMINANTS IN SURFACE WATERS ...Destratification; Public Utilities; Reservoirs and Impoundments; Thermal Pollution; Water Resources Protection; ...2.0928

DIRECT METHODS FOR THE ENUMERATION OF SALMONELLA IN WATER ...Bacterial Pollutant Sources; Marine Biology - General; Recreation, Water Resources; Swimming; Water Pollution -see Specifics; ...2.0940

ELECTROPHORETIC CLARIFICATION OF WATER ...Adsorption; Colloidal Phenomena; Filtration; Pesticide Residues Removal; Pesticides -see Pesticide; Size; Waste Water Treatment - general; ...2.0948

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Colorado; Federal Government; Legal Studies; Management (water); State Government; Water Quality Control -general; ...2.0981

ECOLOGICAL EVALUATION OF MULTIUSE WATERS RECEIVING PRIMARY TREATMENT EFFLUENT PRIOR TO A MAJOR FLOW INCREASE ...Arthropods; Biological Water Properties; Chemical Water Properties; Estuaries; Recreation, Water Resources; Secondary Treatment; Sewage Treatment Plant; ...2.0987

THREE DIMENSIONAL DISPERSION FROM POINT SOURCES OF CHEMICAL OR THERMAL POLLUTION IN OPEN CHANNELS ...Channels; Lasers - Masers; Mathematical Models; Radiation Detectors; Scattering; Thermal Pollution; ...2.0990

ACID WATER TROUT STUDIES ...Acidity (water); Environmental Ecology; Neutralization; Population Dynamics -general; Water Table; ...2.1059

RECLAMATION OF POLLUTED FRESHWATER AQUIFERS BY PURGING ...Aquifers; Computer Models; Mapping; Simulation Theory; ...2.1083

PRACTICALITY OF CHLORINATING ALGAE-LADEN EFFLUENTS FROM STABILIZATION PONDS ...Algae -nonspecific; Chlorination; Disinfection; Organics; Sewage Lagoons; ...2.1198

STUDY OF METHODS FOR REDUCING WATER POLLUTION FROM STORM SEWER AND COMBINATION DISCHARGES THROUGH DEFINED PUBLIC WORKS PRACTICES ...Air Pollution; Overflow -see Fluid Mechanics; Pesticides -see Pesticide; Snow and Ice Removal; Urban Environment; Urban Research - general; Water Quality Control -general; ...2.1242

NEW MICROBIAL INDICATOR OF WASTEWATER CHLORINATION EFFICIENCY ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Chlorine; Coliforms -nonspecific; Intestinal Bacteria; Sewage - Domestic; ...2.1258

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE 'NEW LEAD BELT' OF SE MISSOURI ...Acid Mine Wastes; Atomic Absorption; Lead; Mineralogy; Ore Deposits; Pond; Precipitation; Waste Water Treatment -general; X-ray Spectroscopy; ...2.1322

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Quality -general; ...2.1331

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Reuse; ...2.1466

EFFECT OF INDUSTRIAL POLLUTANTS ON WATER QUALITY ...Bacterial Ecology; Bioindicators; Coliforms -nonspecific; Nutrients; ...2.1470

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; ...2.1527

MICROBIOLOGY OF THERMALLY POLLUTED ENVIRONMENTS ...Acidity (water); Bacteria -nonspecific; Cellular Physiology- Env. Eff.; Hyperthermal; Radioisotopes -nonspecific; Thermophilic Bacteria; ...2.1550

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Biochemical Analysis - Tissues; Ecological Effects; Energy Conversion; Environmental Physiology; Pollution Effects -see Water; Temperature (water); Thermal Pollution; ...2.1553

EFFECTS OF FEEDLOT RUNOFF ON FISH FOOD ORGANISMS IN THE COTTONWOOD RIVER ...Agricultural Runoff; Aquatic Ecology - Animal; Bottom Sampling; Fish and Shellfish; Industrial Wastes; Kansas; ...2.1558

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Iodine; Ms-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; ...2.1592

INFLUENCE OF FERTILIZER PRACTICES ON WATER AND THE QUALITY OF THE ENVIRONMENT ...Animal Wastes - Feed Lots; Groundwater; Mans Pollutional Activities; Soil - Crop Relationships; Soil Nutrient Cycling; Water Table; ...2.1635

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific; Algal Physiology; Ecological Effects; Effluents - Waste Water; Forecasting - Prediction; Management; Nutrients; Sewage Treatment Plant; ...2.1646

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Zinc; ...2.1648

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; ...2.1651

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water); Channels; Contamination - Water; Ecological Effects; Organic Matter; Plant Freshwater Ecology; Primary Productivity - Plants; Sewage Treatment Plant; Thermal Pollution; ...2.1658

DISTRIBUTION AND ECOLOGY OF RIVER MOLLUSKS IN CENTRAL AND WESTERN NORTH DAKOTA ...Animal Distribution; Atlantic Ocean; Chlorine; Mollusca; Paleontology; Pollution Effects -see Water; Water Pollution Effects; ...2.1667

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS ...Animal Predation; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Industrial Wastes; Petroleum Industry; Population Dynamics -general; ...2.1674

MARINE FISHERIES - ESTUARINE ALGAL COMMUNITIES ...Animal Interrelationships -gen; Commercial Fishing; Estuaries;

Marine Plants; Plant Productivity -general; Salinity (water); Training Grants, Fellowships; Water Standards & Baselines; ...2.1682

EFFECTS OF TOXICANTS UPON FISH MOVEMENT PATTERNS ...Contamination - Water; Effluents - Waste Water; Industrial Wastes; Pilot Plants; ...2.1744

TOXICANTS AND THE EKG AND RESPIRATION OF FISH ...Contamination - Water; Environmental Physiology; Fish; Industrial Wastes; Physiological Effects; ...2.1745

PHYSIOLOGICAL AND BIOCHEMICAL TECHNIQUES TO ASSESS THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF CHEMICAL WATER POLLUTION ON FISH ...Contamination - Water; Environmental Physiology; Fish; Mercury; Physiological Effects; Pollution Effects -see Water; ...2.1783

ASSESSMENT OF THE MARKET FOR WATER AND WASTE WATER INSTRUMENTATION AND CONTROLS, AND WATER QUALITY MONITORING SYSTEMS ...Consumption; ...2.1796

PLANNING AND SPECIAL STUDIES ...Aeration (water); Meetings; Nitrogen and Nitrogen Cpds.; Toxic Minerals; Water Quality -general; Water Resources Planning; ...2.1802

WATER QUALITY CRITERIA FOR SELECTED RECREATION USES ...Attitudes & Attitude Change; Multivariate Analysis; Recreation, Water Resources; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1827

PHYSIOLOGICAL EVALUATION OF TREATED TOXIC WASTES ...Animal Life History Studies; Industrial Wastes; Physiological Effects; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Gairdneri; ...3.0037

CHEMICAL INDICATORS OF FECAL POLLUTION ...Animal Wastes - Feed Lots; Chemical Analysis (water); Chemical Extraction; Gas Chromatography; Sewage; ...3.0049

WASTE DISPOSAL IN RURAL AREAS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Connecticut; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rural Areas; Septic Tanks; Waste Disposal on Soils; ...3.0098

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Analysis and Detection; Biochemical Oxygen Demand; Effluent-standards; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Septic Tanks; Silty Soils; ...3.0350

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg, Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Pesticides -see Pesticide; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Carbon; Chemical Analysis (water); DDT; Paraquat; Pesticide Residues; Planavin; Soil Chemical Properties; ...4.0016

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollution Abatement; Water Supply -general; ...4.0026

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...4.0027

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT; Northeast U. S.; Pesticide Residues; Preventative Measures; Sediments; Water Quality Control -general; Water Wells; ...4.0037

PRESTICIDE INPUTS AND LEVELS IN MINNESOTA WATERS OF THE LAKE SUPERIOR BASIN ...Aquatic Ecology - Animal; Contamination - Water; Lake Superior; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0043

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation - see Pesticide Deg; Lake Champlain; Nutrients; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Sediments; Water Bacteria; ...4.0072

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon; Mathematical Analysis; Mathematical Models; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutants - Path of; ...4.0081

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutants - Path of; ...4.0086

IDENTIFICATION AND DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND RUNOFF AND DRAINAGE WATERS. ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; ...4.0199

MAGNITUDE AND NATURE OF POLYCHLORINATED BIPHENYLS IN COHO SALMON ...Chemical Analysis; DDT; Lake Michigan; Pesticides -see Pesticide; ...4.0674

A TISSUE ENZYME ASSAY FOR CHLORINATED HYDROCARBON INSECTICIDES ...Animal; Bioassays; Cyclodiene Cpds. - nonspecific; Lepomis Macrochirus; Pesticides -see Pesticide; ...4.0681

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES ...Animal Resistance; Centrarchidae; Fish; Ictaluridae; Percidae; Pesticides -see Pesticide; ...4.0710

DETERMINATION OF ORGANOPHOSPHATES AND THEIR METABOLITES IN FISH BLOOD SERUM AND THEIR EFFECT ON CHOLINESTERASE ACTIVITY ...Bioassay; Fish; Organophosphorous Cpds.; Pesticide Action on Animals; ...4.0733

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics - general; Water Pollutants - Path of; ...4.0752

THE UPTAKE OF DIELDRIN IN THE THREE RIDGED NAIAD, AMBLEMA PLICATA ...Aquatic Ecology - Animal; Dieldrin; Mollusca; Ohio River; Pollution Effects -see Water; ...4.0808

CORRELATION OF STRUCTURE VS. ACTIVITY OF POLLUTANTS OF FRESH WATER ...Analysis and Detection; Carbamates -see Pesticides; Fresh Water; Invertebrate Physiology; Pesticide Action on Animals; ...4.0839

DEVELOPMENT AND APPLICATION OF QUANTITATIVE CELL CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Bioassays; Cellular Viability; Hydrogen; Physiological Effects; Zinc; ...4.0840

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Pesticides -see Pesticide; ...4.1014

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollution Effects; Watersheds; ...4.1026

MONITORING OF PESTICIDE LEVELS IN THE GREAT LAKES ...Aquatic Ecology - Animal; Fish; Great Lakes -see Specific Lake; Lakes, Pesticide Residue Analysis; Pollution Effects -see Water; ...4.1045

SCREENING AQUATIC INVERTEBRATES TO DETECT AN ORGANISM SUITABLE FOR USE IN A MONITORING PROGRAM ...Aquatic Ecology - Animal; Bioassays; Fish; Invertebrate Physiology; Invertebrates -nonspecific; Monitoring Systems; Pesticides -nonspecific; ...4.1054

DEVELOPMENT OF TECHNIQUES FOR IDENTIFICATION OF PESTICIDES AND THEIR METABOLITES BY MASS SPECTROMETRY ...Carbon; Chemical Analysis (water); Insecticides - nonspecific; Mass Spectroscopy; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.1056

DEVELOPMENT & APPLICATION OF QUANTITATIVE TISSUE CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Cell Membrane Permeability; Cellular Model Systems; Ionic Effect; Rotenone; ...4.1108

Water Pollutants - Path of

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0018

PRODUCTION AND DISPERSAL OF PATHOGENIC BACTERIAL AND VIRAL AEROSOLS BY AERATION OF CONTAMINATED WATERS ...Aeration (water); Aerosols; Bacteriophage; Farm Animal Wastes; Statistics; Waste Water Treatment -general; Water Pollution -see Specifics; ...1.0042

INTERDISCIPLINARY STUDY OF ENVIRONMENTAL POLLUTION BY LEAD ...Atmospheric Dynamics; Cars; Environmental Hazards; Lead; ...1.0052

FALLOUT PHENOMENOLOGY ...Atmospheric Dynamics; Fallout -see Radioactive; Heat Balance - Budget; Mesometeorology; Nuclear Detonations; Radioactive Fallout; Tracers; Wind; ...1.0158

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD ...Atmospheric Dynamics; Environment Accumulation Rates; Environmental Hazards; Lead; Mercury; Pesticides -nonspecific; Seismology; Toxicology; ...1.0189

SPREADING OF LEAD IN RURAL AREAS ...Air Pollution -see Specifics; Air Pollution-chemistry; Combustion; Food Contamination; Lead; Rural Areas; Toxic Substances; X-ray Spectroscopy; ...1.0703

FATE OF TRACE-METALS (IMPURITIES) IN SUBSOILS AS RELATED TO THE QUALITY OF GROUND WATER ...Agricultural Runoff; Groundwater; Lakes; Soil Chemical Properties; Soil Fertility; Soil Organic Content; Soil Texture; Tension and Measurement; Water Wells; ...2.0004

FATE OF HARMFUL METALS IN SOIL AND WATER SYSTEMS ...Absorption (incl. Adsorption); Chemical Effects; Formation Principles; Radioisotopes -nonspecific; Soil Microbiology; Water Pollutant Identification; Water Pollution Sources; ...2.0005

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; Zinc; ...2.0008

THE INFLUENCE OF DECOMPOSING SALMON ON WATER CHEMISTRY ...Alaska; Chemical Water Properties; Food Processing Industries; Nitrogen and Nitrogen Cpds.; Nutrients; Physiological Effects; ...2.0010

DISTRIBUTION OF ORGANICS FROM SALMON DECOMPOSITION ...Alaska; Carbon; Chemical Effects; Estuaries; Nitrogen; Organic Matter; ...2.0011

SORPTION AND MOVEMENT OF POLLUTED WATER IN SOIL ...Filtration; Groundwater; Pesticide Movement in Soils; Pesticides -nonspecific; Soil Chemical Properties; Soil Types -also See Specifics; Water Chemistry; ...2.0030

FORTY-YEAR FERTILIZER EFFECTS ON NO3 IN GROUND WATER ...Fertilizers; Groundwater; Soil Chemical Properties; Soil Moisture; ...2.0045

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Carbonates; Chemical Effects; Forecasting - Prediction; Groundwater Movement; Mass Transfer; Nuclear; Petrology; Seismology; ...2.0062

BEHAVIOR OF POLLUTANTS IN WATER ...Degradation; Groundwater; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -nonspecific; Soil Moisture; ...2.0074

HYDROLOGIC STUDIES LEADING TO SITE UTILIZATION ...Adsorption Capacity; Management (water); Sediment Transport; Soil Tillage; Water Utilization -general; ...2.0075

IRRIGATION RETURN FLOW - NUTRIENT BALANCE ...Agricultural Runoff; Idaho; Nutrients; Pesticides -nonspecific; Salinity (water); ...2.0076

FLUXES OF HEAT, MOMENTUM AND TRACERS IN WIND AND WATER TUNNELS ...Air Pollution -see Specifics; Atmospheric Dynamics; Marine Pollution; Radioactive Fallout; Wind; ...2.0078

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Animal Wastes - Feed Lots; Contamination - Soil; Fertilizers; Nutrients; Percolation (water); Soil Analysis; Soil Minerals -natural; ...2.0081

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Freezing & Below; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

NUTRIENT EXCHANGE IN RIVERS AND LAKES ...Agricultural Watersheds; Eutrophic Lakes; Nutrients; Urban Environment; Water Pollution Sources; ...2.0085

THE QUANTITY & MOVEMENT OF NITRATES IN SOIL WATER IN TWO CONNECTICUT SOILS TREATED WITH HIGH & LOW LEVELS OF INORGANIC NITROGEN FERTILIZER ...Fertilizers; Groundwater; Lysimeters; Soil Depth; Soil Moisture; Tension and Measurement; Zea Mays - Field Corn; ...2.0089

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; ...2.0099

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; ...2.0105

FATE OF AQUATIC HERBICIDES IN THE AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; Endothall; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Residues; Potable Water; ...2.0127

FATE OF TRACE METALS DERIVED FROM POLLUTION SOURCES IN LAKE MICHIGAN ...Adsorption; Chemical Properties; Lake Deposits; Lead; Trace Elements; ...2.0131

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Standards & Baselines; ...2.0132

ROLE OF NITROGEN FERTILIZERS IN WATER POLLUTION, AS AFFECTED BY RATE AND TIME OF APPLICATION ...Drainage; Fertilizers; Illinois; Nitrogen and Nitrogen Cpds.; ...2.0135

SALINE WATER RESOURCES OF INDIANA ...Cooperative Studies; Groundwater; Indiana; Recovery - Production; Saline Water Intrusion; ...2.0138

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects - see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

FATE OF SURFACE-APPLIED NITROGEN FERTILIZERS ...Agricultural Runoff; Fertilizer Losses; Microorganisms -nonspecific; Non-symbiotic N-fixation; Soil Microbiology; ...2.0141

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Lime Treatment; Model Studies; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Standards & Baselines; ...2.0142

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Analysis (water); Environmental Influences; Eutrophication; Iowa; Nutrients; Water Pollutant Identification; Water Standards & Baselines; ...2.0143

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Water Properties; Eutrophic Lakes; Eutrophication; Iowa; Oxygen Content (water); Water Quality Control -general; ...2.0144

EFFECT OF MINERAL ELEMENTS ON YIELD AND COMPOSITION OF CROPS AND ON SOIL CONDITIONS ...Fertilizers; Mineral Nutrition; Mineralogy; Soil Chemical Properties; Soil Conditions; ...2.0148

CONTROL OR PREVENTION OF SOIL AND WATER POLLUTION FROM FERTILIZERS ...Aquatic Soils, Groundwater; Microorganisms -nonspecific; Rock - Soil Pollution; Soil Chemical Properties; Soil Microbiology; Water Quality Control -general; ...2.0170

THE TRANSIENT BEHAVIOR OF RECHARGE-DISCHARGE AREAS IN REGIONAL GROUND WATER SYSTEMS ...Aquifers; Groundwater Basins; Industrial Wastes; Mathematical Analysis; Recharge (water); Water Pollution Sources; ...2.0173

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN MASSACHUSETTS ...Groundwater; Leaching; Massachusetts; Salinity (water); Soil Chemical Properties; ...2.0183

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN NEW HAMPSHIRE ...Cooperative Studies; Mans Pollutional Activities; Permeability; Soil Permeability; ...2.0184

CHEMICAL TRANSFORMATION, GRAND TRAVERSE BAY, LAKE MICHIGAN ...Bays; Chemical Water Properties; Lake Michigan; Rural Areas; Urban Environment; ...2.0193

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Watersheds; ...2.0197

RELATION OF AGRICULTURAL PRACTICES AND NATURAL VEGETATION TO NUTRIENT CONTENT OF WATERS ...Agricultural Runoff; Management (water); Plant Residues, Humus, Compost; Rainfall Simulators; ...2.0209

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

NITRATES IN WATER SUPPLIES ...Animal Wastes - Feed Lots; Fertilizers; Soil Analysis; Soil Chemical Properties; Waste Disposal on Soils; Water Supply -general; ...2.0222

INVESTIGATION OF PRESENT THERMAL REGIME OF MISSOURI RIVER IN MISSOURI ...Aircraft Remote Sensing; Depth (water); Energy Conversion; Infrared Radiation; Missouri River; Thermal Pollution; Water Temperature Recorders; ...2.0227

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticides -see Pesticide; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; ...2.0239

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Contamination - Soil; Farm Animal Wastes; Groundwater; Snowmelt Runoff; Soil Microbiology; Urine; ...2.0242

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Erosion; Forecasting - Prediction; Leaching; Model Studies; Nitrogen and Nitrogen Cpds.; Rain; Soil Moisture; Temperature - Air; ...2.0250

SOIL AND WATER MANAGEMENT FOR SALINITY CONTROL - PHASE II ...Groundwater; Leaching; New Mexico; Pesticides - nonspecific; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; ...2.0253

KINETICS OF MICROBIOLOGICALLY MEDIATED TRANSFORMATIONS OF HEAVY METALS IN AQUATIC ENVIRONMENTS ...Acidity (water); Estuaries; Lakes; Mathematical Models; Mercury; Zinc; ...2.0261

ENVIRONMENTAL BIOLOGY - BIOGEOCHEMICAL CYCLING IN ECOLOGICAL SYSTEMS ...Aquatic Ecology - Animal; Estuaries; Eutrophication; Lysimeters; Pesticide Aquatic Cycling; ...2.0277

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

FATE OF POLLUTANTS IN ESTUARIES AND MARINE BAYS ...Bays; Coastlines - Shorelines; Estuaries; Forecasting - Prediction; Turbidity (water); Water Pollution Effects; ...2.0285

SOURCE, FATE AND EFFECT OF NUTRIENTS ADDED TO NORTH CAROLINA ESTUARIES ...Estuaries; Industrial Wastes; Nutrients; Water Pollution Sources; ...2.0290

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties; Contamination - Water; Environmental Influences; Mineral Nutrition; Nutrient Studies -animal; Photosynthesis; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines; ...2.0298

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; ...2.0307

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Radiochemical Analysis; Soil Chemical Properties; Water Quality -general; ...2.0314

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; Zinc; ...2.0320

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Erosion; Oregon; Pesticide Degradation -see Deg; Pesticides -see Pesticide; Soil Chemical Properties; Surface Active-other; ...2.0330

THE MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Absorbed Load; Chemical Water Properties; Estuaries; Washington; Water Pollution Sources; ...2.0339

SANITARY LANDFILLS IN COAL STRIP MINES ...Coal; Groundwater; Leaching; Sanitary Landfills; Water Quality Control -general; ...2.0341

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL ...Computer Methods -general; Contamination; Development of Models; Forecasting - Prediction; Land Use; Mathematical Models; Model Studies; Waste Disposal on Soils; Water Quality Control -general; ...2.0343

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Quality -general; ...2.0349

YIELD OF NUTRIENTS FROM AGRICULTURAL LAND TO WATER SOURCES ...Chemical Analysis (water); Fertilizers; Loam -see Soil Types; Sandy Soils -see Soil Type; Silty Soils; Soil Depth; Soil Types -also See Specifics; ...2.0353

RADIONUCLIDE MOVEMENT IN GROUNDWATER ...Flow Characteristics (water); Groundwater; Groundwater Movement; Radioisotopes; Seepage (water); Water Pollution Sources; ...2.0356

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Chlorine; Forecasting - Prediction; Lakes; Mineralogical Water Properties; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; Water Pollution Sources; ...2.0359

GROUND WATER CONTAMINATION RESULTING FROM WASTE DISPOSAL ...Groundwater; Solid Waste; South Dakota; Water Pollution Effects; Water Pollution Sources; ...2.0360

SEPARATION OF SOLAR AND HEATED DISCHARGE EFFECTS ...Computer Models; Dyes; Energy Conversion; Rocks - Bedrock; Solar Radiation-sunshine; Thermal Pollution; Turbidity (water); ...2.0372

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Resources Planning; ...2.0374

PHYSIOCHEMICAL RESPONSES OF RIVERS TO NATURAL AND MANMADE ENVIRONMENTAL CHANGES ...Chemical Water Properties; Mans Pollutional Activities; Model Studies; Nutrients; Physical Water Properties; Water Cycle; ...2.0377

EFFECTS OF FURROW, SPRINKLER AND SUBIRRIGATION METHODS ON POTENTIAL POLLUTION OF GROUNDWATER BY NITRATES AND OTHER SOLUTES ...Economic Feasibility; Furrow Irrigation; Irrigation; Nitrification; Soil Moisture; Subsurface Irrigation; ...2.0381

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Pliocene Epoch; Silting (water) -see Sediment; Water Bacteria; Water Pollution Sources; ...2.0386

RADIOECOLOGY OF THE KUCUK CEKMECE LAGOON ...Aquatic Ecology - Animal; Biological Effects; Contamination - Water; Energy Conversion; Lagoons; Radioactive Isotopes; Sediments; ...2.0392

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties; Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollution Sources; Water Quality - general; ...2.0400

DDT IN SNOW FALLEN AT HIGH ALTITUDE SINCE 1950 ...Air Pollution; Canada; Chemical Analysis; DDT; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Snow; ...2.0405

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE ...Aircraft Remote Sensing; Chesapeake Bay; Estuaries; Fluorometry; Monolayers; Petroleum Wastes - Spillage; Wind; ...2.0411

THE ROLE OF PAPER MILL ADDITIVES AS POTENTIAL STREAM POLLUTANTS ...Activation Analysis; Additives; Atmospheric and Environmental; Industrial Wastes; Pulp and Paper Wastes; Waste Treatment; Water Quality Control -general; ...2.0412

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Depth (water); Fish; Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

COLUMBIA RIVER SEDIMENT STUDIES ...Adsorption Capacity; Estuaries; Nuclear Geochemistry; Sediments; Water Pollution Sources; ...2.0416

LEAD IN AQUATIC ENVIRONMENTS ...Air Pollution; Estuaries; Industrial Wastes; Lead; Ocean Mixing; Puget Sound; Seasonal Studies; Water Cycle; Water Standards & Baselines; ...2.0425

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Borehole Geophysics; Burial; Groundwater; Idaho; Isotope Tracer -see Tracers; Radioisotopes; Waste Water - general; Water Pollution Sources; ...2.0569

WATER QUALITY MODELING AND PREDICTION ...Dynamic Control System; Economic Theory; Filters-filtration; Forecasting - Prediction; Model Studies; Prediction Models; ...2.0594

DIGITAL COMPUTER MODELING OF LIMESTONE GROUNDWATER SYSTEMS ...Aquifers; Computer Models; Forecasting - Prediction; Groundwater Basins; Limestone-general; Mathematical Models; Water Wells; ...2.0601

TIME-OF-TRAVEL - PRINCIPAL MARYLAND STREAMS ...Cooperative Studies; Dyes; Maryland; ...2.0611

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

TIME-OF-TRAVEL MEASUREMENTS IN NEW JERSEY STREAMS ...Dispersion (water); Dyes; New Jersey; Suspension; ...2.0680

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; ...2.0683

MONITORING WATER EFFLUENTS FROM A NUCLEAR POWER PLANT ...Atomic Plants; Effluents - Waste Water; Energy Conversion; New York; ...2.0697

INFLUENCE OF SUSPENDED MICROSCOPIC SUBSTANCES ON THE METABOLISM OF MICROORGANISMS RESPONSIBLE FOR BIOLOGICAL ENRICHMENT OF WATER ...Adsorption Capacity; Ecological Effects; Microorganisms -nonspecific; Pesticides -nonspecific; Sediments; ...2.0723

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Chemical Water Properties; Contamination - Water; Environmental Influences; Physical Water Properties; Sediments; ...2.0724

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Data Reduction and Analysis; Estuaries; Mathematical Models; Radioactivity; Streams; Tides; Water Pollution Sources; ...2.0749

RADIONUCLIDES IN SAVANNAH RIVER ESTUARY AND COASTAL WATERS ...Atlantic Ocean; Circulation (water); Estuaries; Marine Geology; Radioactivity; South Carolina; Water Pollution Sources; ...2.0792

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Energy Conversion; Flume Studies; Model Studies; Rubidium; Turbidity (water); Water Pollution Sources; ...2.0813

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Analysis and Detection; Element Ratios; Fluid Mechanics; Gulf of Mexico; Lakes; Organic Matter; Tracers; Water Pollution Sources; ...2.0823

DEVELOPMENT OF SAMPLE PREPARATION METHODS FOR ANALYSIS OF MARINE ORGANISMS ...Bioindicators; Chemical Analysis (water); Marine Biology - General; Water Pollutant Identification; Water Pollution Effects; Water Quality Control - general; ...2.0824

DEVELOPMENT OF NUCLEAR TECHNIQUES IN THE STUDY OF WATER POLLUTION PROBLEMS ...British Isles; Radioisotopes; ...2.0827

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; ...2.0829

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants; Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; Water Resources Planning; ...2.0847

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl. Adsorption); Arsenic; Chemical Properties; Contamination - Soil; Industrial Wastes; Particulates - Air Pollution; Precipitation; Soil Chemical Properties; ...2.0862

APPLICATION OF REMOTE SENSING TO HYDROGEOLOGY ...Baseflow; Geology -general; Groundwater Movement; Sanitary Landfills; Soil Tillage; Water Resources Planning; ...2.0866

PHYSICAL-CHEMICAL PHENOMENA ASSOCIATED WITH ORGANO-COLLOIDAL SURFACE INTERACTIONS ...Adsorption; Calorimetry; Colloidal Phenomena; Degradation -see Pesticide Deg; Organic Matter; Spectrographic Techniques; Water Chemistry; Xray Diffraction; ...2.0886

BEHAVIOR AND CONTROL OF CONTAMINANTS IN SURFACE WATERS ...Destratification; Public Utilities; Reservoirs and Impoundments; Thermal Pollution; Water Pollutant Identification; Water Resources Protection; ...2.0928

MIXING PROCESSES IN ESTUARIES ...Dispersion (water); Estuaries; Flume Studies; Forecasting - Prediction; Heat Transmission; Physical Models; Stratification (water); ...2.0964

LAKE CURRENTS AND DIFFUSION PROCESSES ...Canada; Dispersion (water); Fluid Mechanics; Petroleum Wastes - Spillage; ...2.0975

WIND EFFECTS ON THE DISPERSION OF PARTICULATE POLLUTANTS IN TURBULENT OPEN-CHANNEL FLOW ...Dispersion (water); Mathematical Models; Wind; ...2.0972

SEDIMENTATION AND CONTAMINANT CRITERIA FOR WATER RESOURCES PLANNING AND MANAGEMENT ...Dispersion (water); Management (water); Sedimentation; Water Standards & Baselines; ...2.0984

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Chemical Analysis -general; Farm Animal Wastes; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Moisture; Soil Organic Content; Sprinkler Irrigation; Water Table; ...2.0994

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Biological Water Properties; Contamination - Water; Effluents - Waste Water; Management (water); Physical Water Properties; Reservoirs and Impoundments; Water Quality Control -general; ...2.1008

METHODOLOGY FOR SYNTHESIS AND OPTIMIZATION OF DIFFUSION PATTERNS IN FLOW SYSTEMS ...Dispersion (water); Fluid Mechanics; Optimization, Economic; Tracers; Water Pollution Sources; ...2.1011

DISPERSION DURING FLOW IN HETEROGENEOUS POROUS MEDIA ...Data Reduction and Analysis; Fluid Mechanics; Groundwater Movement; Isotope Tracer -see Tracers; Model Studies; Seepage (water); ...2.1014

IMPROVING THE QUALITY OF OUR WATER RESOURCES ...Adsorption; Filtration; Pesticides -see Pesticide; Waste Disposal on Soils; ...2.1015

DISPERSION OF WATER POLLUTANTS IN CURVILINEAR FLOWS ...Channels; Dispersion (water); Physical Models; Streams; Urban Research -general; ...2.1021

THE INFLUENCE OF SOILS ON POLLUTION ...Adsorption; Drainage; Nutrients; Pesticide Degradation -see Deg; Pesticides - nonspecific; Soil Fertility; Waste Disposal on Soils; ...2.1046

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Data Reduction and Analysis; Forecasting - Predic-

tion; Groundwater; Land Use; Mans Pollutional Activities; Sewage; Waste Disposal-see Solid Waste; Water Quality -general; ...2.1654

ESTUARINE DIFFUSION OF POLLUTANTS ...Bays; Fluid Mechanics; Fresh Water; Oregon; Stratification (water); ...2.1085

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Absorbed Load; Channels; Chemical Water Properties; Estuaries; Mineralogical Properties; Streams; Tides; ...2.1086

MIXING AND DISPERSION OF CONTAMINANTS IN RESERVOIRS ...Currents (water); Dispersion (water); Lakes; Texas; ...2.1108

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN ...Cbp; Fish; Marine Pollution; Pacific Ocean; Polychlorinated Biphenyl Cpds.; Water Standards & Baselines; ...2.1191

MICROBIAL TRANSFORMATION OF POULTRY LITTER AND ITS RELATION TO WATER POLLUTION ...Agricultural Runoff; Cellular Catabolism-see Degrad; Groundwater; Nitrogen Bacteria; Soil Microbiology; ...2.1232

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Geochemical Analysis (water); Idaho; Quaternary Period; Structural Analysis - Geology; Tertiary Period; Water Cycle; Water Pollution Sources; Water Storage; ...2.1240

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Effluent-standards; Forest Management; Idaho; Irrigation; Sediment Thickness; Water Costs; Water Reuse; ...2.1241

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Glaciology; Groundwater; Lysimeters; Ponds; Soil Moisture; Soil Types -also See Specifics; Till; ...2.1285

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Industrial Wastes; Organic Matter; Seepage (water); Sewage Lagoons; Waste Management -see Specific; Water Quality - general; ...2.1360

ADSORPTION OF VIRUS-SIZED PARTICLES IN POROUS MEDIA ...Artificial Recharge; Forecasting - Prediction; Groundwater Recharge-see Rechg; Viral Poliutant Sources; Water Pollution -see Specifics; Water Supply Augmentation; ...2.1387

DEVELOP FIELD PROCEDURES FOR PREDICTING MOVEMENT OF LIQUID WASTES IN SOILS ...Percolation (water); Saturated - Unsaturated Soils; Septic Tanks; Soil Analysis; Soil Moisture; Soil Permeability; Wisconsin; ...2.1459

DEFINITION OF THE MIXING ZONE FOR WASTE EFFLUENT DISCHARGED INTO SURFACE WATERS ...Aerial Photography -see Photo.; Dispersion (water); Effluents - Waste Water; Energy Conversion; Model Studies; Physical Models; ...2.1460

EXPERIMENTAL STUDIES OF AIR AND WATER INTERFACIAL INTERACTION ...Channels; Dispersion (water); Turbulence; Waves -see Ocean Waves; Wind; Wind - Water Interaction; Wind Tunnels; ...2.1519

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Groundwater; Infiltration; Pesticide Residues Removal; Pesticides -see Pesticide; Sewage; Soil Organic Content; Waste Water Treatment -general; ...2.1540

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

ECOLOGICAL STUDIES OF AN EXPERIMENTAL STREAM ...Animal Habitat Studies; Energy Budgets; Environmental Ecology; Plant Freshwater Ecology; Pollution Effects -see Water; ...2.1686

BACTERIAL ADSORPTION ON SOILS ...Adsorption; Bacterial Pollutant Sources; Forecasting - Prediction; Recharge (water); Soil Moisture; Water Wells; ...2.1737

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; ...2.1765

WORKSHOP ON RESEARCH PROBLEMS IN AIR AND WATER POLLUTION ...Air Pollution Effects; Eutrophication; Meetings; Thermal Pollution; Upper Atmospheric Chemistry; Water Pollution Effects; ...2.1800

EFFECT OF WATER MANAGEMENT ON QUALITY OF GROUND WATER AND SURFACE RECHARGE IN LAS VEGAS VALLEY ...Groundwater; Management (water); Nevada; Recharge (water); Water Resources Planning; ...2.1866

MATHEMATICAL AND COMPUTER SERVICES FOR THE ANALYSIS OF DATA AND DESIGN OF EXPERIMENTS FOR CERTAIN FWQA PROGRAMS ...Coastlines - Shorelines; Electric Power Plants; Facilities; Marine Environments; Pulp and Paper Wastes; ...2.1897

NAVY ENVIRONMENT - FATE OF OIL AFTER A MAJOR OIL SPILL ...Marine Environments; Ship Wastes; Size; ...3.0016

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Surfactants -see Detergents; ...3.0312

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Contamination - Soil; Farm Animal Wastes; Groundwater; Playas; Rock - Soil Pollution; Soil Microbiology; Sorghum; ...3.0320

A STUDY OF LAND DISPOSAL OF SPENT SULFITE LIQUOR AT BADGER PAPER MILLS, INC., PESHTIGO, WISCONSIN ...Aquifers; Landfill; Limestone-general; Pulp and Paper Wastes; Wisconsin; ...3.0345

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

PESTICIDE KINETICS ...Bottom Sampling; Degradation; Environment Accumulation Rates; Marine Biology - General; Pesticide Residues; Pesticides -see Pesticide; Tidewater Areas; Water Standards & Baselines; ...4.0024

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; ...4.0027

PESTICIDE MONITORING PROGRAM LAKE MICHIGAN ...Algae -nonspecific; Environment Accumulation Rates; Fish; Lakes; Pesticide in Food Chains; Pesticides -see Pesticide; ...4.0028

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Algae -nonspecific; Aquatic Ecology - Animal; Cichlidae; Fish; Methoxychlor; Pesticide Aquatic Cycling; Pesticide Movement in Soils; ...4.0029

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Standards & Baselines; ...4.0031

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas, Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT; Northeast U. S.; Pesticide Residues; Preventative Measures; Sediments; Water Pollutant Identification; Water Quality Control - general; Water Wells; ...4.0037

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

PRESTICIDE INPUTS AND LEVELS IN MINNESOTA WATERS OF THE LAKE SUPERIOR BASIN ...Aquatic Ecology - Animal; Contamination - Water; Lake Superior; Pesticides -see Pesticide; ...4.0043

AN EVALUATION OF THE INSECTICIDE 'SEVIN' AS A WATERSHED POLLUTANT ...Environment Accumulation Rates; New York; Pesticide Residues; Population Dynamics - general; Soil Types -also See Specifics; ...4.0057

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Cotoran; Environment Accumulation Rates; Gossypium; Liquids Or Sprays; Pesticide Movement in Soils; Pesticides -see Pesticide; Rain; Trifluralin; ...4.0061

FATE OF POLLUTANTS IN GROUND WATER ...Aquifers; Groundwater; Pesticides -see Pesticide; Texas; Water Wells; ...4.0062

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas, Urban Environment; Water Pollution Sources; ...4.0065

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; ...4.0073

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon, Mathematical Analysis; Mathematical Models; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutant Identification; ...4.0081

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; ...4.0085

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; ...4.0086

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHW..ST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; ...4.0090

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; ...4.0102

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Agricultural Runoff; Degradation -see Pesticide Deg; Drainage; Endrin; Floods; Pesticide Residues; Saccharum; Water Table - Depth of; ...4.0115

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Zinc; ...4.0120

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Drift; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; ...4.0121

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Gas Chromatography; Leaching; Percolation (water); Pesticide Movement in Soils; Pesticides -see Pesticide; Thin Layer Chromatography; ...4.0123

TRANSLOCATION OF PESTICIDES FROM CRANBERRY BOGS TO THEIR SURROUNDINGS ...Aquatic Soils; Ericaceae; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Soil Chemical Properties; ...4.0124

RELATIONSHIP OF PESTICIDES IN SOIL, WATER AND PLANTS ...Contamination - Soil; Herbicides -nonspecific; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Microbiology; ...4.0126

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Climates -general; Environment Accumulation Rates; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Mouture; ...4.0155

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT, Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; ...4.0164

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Oregon; Pesticide Movement in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Organic Content; Soil Profile; Soil Water Plant Relationships; ...4.0165

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; ...4.0176

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas, Ponds; Rain; Slope; Soil Moisture; Texas; ...4.0185

SOILS, PESTICIDES, AND THE QUALITY OF WATER ...Adsorption; Clay Soils; Pesticide Formulation; Pesticides -nonspecific; Sandy Soils -see Soil Type; Soil Thermal Properties; ...4.0187

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; Water Quality - general; ...4.0192

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; ...4.0633

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics - general; ...4.0752

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); ...4.0826

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards;

Parasoxon; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology; ...4.0947

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANO-TOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; ...4.1033

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; ...4.1038

PESTICIDE RESIDUES IN PLANTS, ANIMALS, SOILS, AND WATER ...Agricultural Runoff; Atrazine; Dichlobenil; Groundwater; Pesticide Legal Aspects; Pesticide Persistance in Soils; Soil Chemical Properties; Terbacil; ...4.1091

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollution Sources; ...5.0036

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Cesium; Contamination - Water; Cyprinidae; Energy Budgets; Plant Ecology -nonspecific; Radioactive Fallout; Reactor Sites & Rad Waste; Strontium; ...5.0038

DISTRIBUTION & CYCLE OF RADIONUCLIDES & RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT (ABBREV) ...Activation Analysis; Black Sea; Deltas; Electrical Properties, Marine Biology - General; Marine Environments; Radioactive Isotopes; Temperature; Trace Elements; Xray Diffraction; ...5.0068

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americum; Atomic Plants; Environment; Krypton; Mammals - nonspecific; Radioactive Pollution -ns; River Basins; ...5.0073

CHARACTERIZATION OF SOIL & VEGETATION TO SERVE AS A BASIS FOR FUTURE EVALUATIONS OF RADIOACTIVE CONTAMINATION EFFECTS (ABBREV) ...Absorption (incl. Adsorption); Chemical Extraction; Diquat; Paraquat; Radioactive Fallout; Soil Water Plant Relationships; ...5.0570

Water Pollution -see Specifics

PRODUCTION AND DISPERSAL OF PATHOGENIC BACTERIAL AND VIRAL AEROSOLS BY AERATION OF CONTAMINATED WATERS ...Aeration (water); Aerosols; Bacteriophage; Farm Animal Wastes; Statistics; Waste Water Treatment -general; ...1.0042

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Combustion Air Pollution-gen; Gases; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Temperature; ...1.0061

ENVIRONMENTAL RADIOACTIVITY AND TRACE ELEMENTS IN MAN ...Air Pollution -see Specifics; Lead; Mineralization; Puerto Rico; Radium; ...1.0196

PUBLIC HEALTH ECOLOGY ...Air Pollution -see Specifics; Air Pollution Effects; Aircraft Remote Sensing; Biological Effects; Climatology; Sanitation; Spacecraft Sensory Devices; ...1.0296

ECONOMICS OF ENVIRONMENTAL EFFECTS ON SEASONAL HOMES ...Access; Cost-benefit Analysis; Environmental Effects - Human; Landscaping; Methods - Recreation; Recreation, Water Resources; ...1.0441

FOR SEMINARS AND STUDIES ON ENVIRONMENTAL ARTS AND SCIENCES, POPULATION GROWTH, URBANIZATION, POLLUTION, AND RELATED SUBJECTS ...Air Pollution -see Specifics; Environment; Environmental Geology; Technology - Social Impact; Urban Research; Water Quality -general; ...1.0478

STUDIES FOR A SURVEY OF ENVIRONMENTAL POLLUTION, CONDUCTED BY THE NEW YORK CITY SCIENCE AND TECHNOLOGY ADVISORY COUNCIL ...Air Pollution; Air Pollution -see Specifics; Consultants, Advisory Services; Urban Research -general; Water Quality -general; ...1.0492

ENVIRONMENT AND HUMAN RESPONSE ...Air Pollution -see Specifics; Economics of Natural Resources; Recreation, Water Resources; Regional Economics; Rural Sociology; Urban Planning; ...1.0495

ENTERIC VIRUS SURVIVAL IN ESTUARINE WATERS ...Estuaries; Food Contamination; Safety - Recreation; Temperature & Humidity Effects; Viral Pollutant Sources; Viruses - Animal; ...2.0002

STATE-OF-THE-ART STUDY ON CHEMICAL POLLUTION OF FRESH WATER AS A POTENTIAL HUMAN HEALTH HAZARD ...Water Pollutant Identification; ...2.0185

ABNORMAL TRACE METALS IN CARDIOVASCULAR DISEASE ...Air Pollution -see Specifics; Lead; Muridae; ...2.0247

PLANT PHENOLS AND RELATED ORGANIC COMPOUNDS IN PUBLIC WATER SOURCES, THEIR RELATIONSHIP TO CHLORINATION ...Chlorination; Forest Debris; New England Province; Phenols; Toxicology; Water Pollution Effects; ...2.0354

MULTIPLICATION OF CLOSTRIDIUM BOTULINUM TYPE E IN THE GREAT LAKES ...Aquatic Plants -nonspecific; Bacterial Exotoxins; Bottom Sampling; Depth (water); Plant Freshwater Ecology; Wisconsin; ...2.0452

ECOLOGY OF CLOSTRIDIUM BOTULINUM TYPE E IN GREEN BAY ...Aquatic Distribution; Bacterial Exotoxins; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Competition Among Thallophytes; Lake Michigan; ...2.0453

VIROLOGICAL METHODS RESEARCH IN WATERS ...Estuaries; Food Contamination; Safety - Recreation; Viral Pollutant Sources; ...2.0463

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Bioindicators; Chlorine; Contamination - Water; Mercury; Organic Matter; Pesticides -nonspecific; Population Dynamics -general; Water Pollutant Identification; Zinc; ...2.0466

VIROLOGICAL METHODS RESEARCH IN WATERS ...Food Contamination; Recreation, Water Resources; Safety - Recreation; Viral Pollutant Sources; Viruses - Animal; Water Reuse; ...2.0467

TASTES AND ODORS IN WATER SUPPLIES ...Actinomycetes - nonspecific; Algal Pollutant Sources; Nitrogen and Nitrogen Cpds.; Potable Water; Taste & Odor of Water; Water Quality - general; ...2.0486

THE DEGREE OF FECAL POLLUTION IN THE WATER OF REGIONS OF THE EASTERN DISTRICTS, BY A NEW COMBINED CHEMICAL-MICROBIOLOGICAL METHOD ...Canada; Coliforms -nonspecific; Industrial Wastes; Lead; Mercury; Sewage; Water Pollutant Identification; ...2.0506

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Analysis and Detection; Gas Chromatography; Mass Spectroscopy; Microorganisms -nonspecific; Water Bacteria; Water Pollution Sources; ...2.0527

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Bacterial Ecology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Mathematical Models; Nutrients; Rehabilitation -streams -lakes; Sewage; ...2.0552

CONTAMINATION OF DRINKING WATER AS A POSSIBLE FACTOR IN RETARDATION OF GROWTH OF SUCKLING CFI/ANI MICE ...Contamination - Water; Muridae; Physiological Effects; Water Utilization -animal; ...2.0574

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Contamination - Water; Cyprinodontidae; Environmental Physiology; Temperature (water); Toxic Substances; Toxicology; Water Pollution Effects; ...2.0614

MERCURY CONCENTRATIONS IN THE AQUATIC LIFE FORMS AND THE WATERS OF THE UPPER CLARK FORK RIVER ...Crustacea; Fish; Mercury; Mollusca; Montana; Pollution Effects -see Water; Water Pollutant Identification; ...2.0663

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Bioassays; Coliforms -nonspecific; Data Reduction and Analysis; Microorganisms -nonspecific; New Mexico; Rumen Bacteria; Water Quality -general; Water Utilization -domestic; ...2.0684

NATURE OF EXOTIC SUBSTANCES IN SURFACE WATERS AND IMPLICATIONS AS WATER SUPPLY CONTAMINANTS ...Arthropods; Atomic Absorption; Detectors and Sensors; Emission Spectroscopy; Gas Chromatography; Periphyton; Water Pollutant Identification; ...2.0706

WATERBORNE DISEASE ETIOLOGY ...Animal Pollutant Sources; Czechoslovakia; Florida; Food Contamination; Protozoa; Virginia; Water Wells; ...2.0715

IDENTIFICATION OF INDICATOR ORGANISMS FOR EVALUATION OF WATER QUALITY ...Bacterial Pollutant Sources; Bottom Sampling; General Recreation Studies; Sanitation; Water Pollutant Identification; Water Quality -general; ...2.0716

TOXICOLOGICAL INVESTIGATIONS OF ORGANICS FOUND IN WATER SUPPLIES ...Food Contamination; Mammals -nonspecific; Organic Matter; Potable Water; ...2.0717

CORRELATIONS OF BACTERIAL PATHOGEN OCCURRENCES IN WATER WITH FECAL COLIFORM DENSITY LIMITS PROPOSED FOR WATER QUALITY STANDARDS ...Bacterial Pollutant Sources; Coliforms -nonspecific; Salmonella -nonspecific & -ot.; Shigella -nonspecific & -other; Water Bacteria; Water Standards & Baselines; ...2.0719

BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL ...Aerobic Bacteria; Bacterial Pollutant Sources; Delaware Bay; Forecasting - Prediction; Recreation, Water Resources; Water Standards & Baselines; ...2.0756

ESCHERICHIA COLI SEROTYPES IN MICROBIAL POLLUTION OF WATER ...Bacterial Pollutant Sources; Bacterial Population Surveys; Bacterial Serology; Escherichia Coli; Mammals -nonspecific; Sewage; ...2.0763

THE GAUZE PAD METHOD FOR THE ISOLATION OF VIRUSES FROM INLAND AND ESTUARINE WATERS ...Bacterial Pollutant Sources; Coliforms -nonspecific; Estuaries; Streptococcus Fecalis; Water Pollutant Identification; ...2.0774

THE DEVELOPMENT OF DATA FOR BATHING BEACH CRITERIA ...Bacterial Pollutant Sources; Demand and Use - recreation; Recreation, Water Resources; Water Bacteria; ...2.0781

EVALUATION OF MICROBIOLOGICAL STANDARDS FOR SHELLFISH GROWING WATERS ...Bays; Digestive System - Human; Food Contamination; Rhode Island; Water Pollutant Identification; ...2.0782

STUDY OF GROWING AREA STANDARD BY EXAMINING ENTEROPATHOGENS AND INDICATOR LEVELS ...Bacterial Population Surveys; Digestive System - Human; Food Contamination; Mollusca; Salmonella -nonspecific & -ot., Sewage Bacteria; Water Pollutant Identification; ...2.0785

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN WATERS AND SHELLFISH ...Digestive System - Human, Massachusetts; Viral Pollutant Sources; Water Pollutant Identification; Wisconsin; ...2.0786

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN DRINKING WATER ...Food Contamination; Muridae; New England Province; Potable Water; Viral Pollutant Sources; Water Supply -general; ...2.0787

BIOLOGIC DETECTION AND CONTROL OF WATER POLLUTION ...Bacterial Ecology; Ecological Effects; Microorganisms - nonspecific; Reservoirs and Impoundments; Water Pollutant Identification; Water Quality Control -general; ...2.0794

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Analysis and Detection; Fuels; Lakes; Lead; Mineralization; Recreation, Water Resources; Types of Resources; Water Pollutant Identification, ...2.0807

VIRUSES IN SURFACE WATERS -DEVELOPMENT AND APPLICATION OF NEW CONCENTRATION METHODS ...Viral Pollutant Sources; Viruses - Animal, ...2.0821

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Adsorption; Electrochemistry; Filtration; Pilot Plants; Precipitation; Safety - Recreation; Viruses - Animal, ...2.0836

DETECTION AND SIGNIFICANCE OF KLEBSIELLA IN WATER ...Aerobacter Aerogenes; Algal Physiology; Bacterial Identification; Bacterial Population Surveys; Marine Plants; ...2.0837

SURVIVAL OF INTESTINAL BACTERIA IN PRISTINE WATERS ...Bacterial Ecology; Bacterial Pollutant Sources; Recreation, Water Resources; Sewage; Water Bacteria; ...2.0843

EFFECTIVENESS OF IODINE FOR DISINFECTION OF PUBLIC WATER SUPPLIES & TO DETERMINE PHYSIOLOGICAL EFFECTS ON A HUMAN POPULATION ...Chemical Treatment (water); Iodine; Physiological Effects; Residues in Potable Water; ...2.0884

DESTRUCTION OF INFECTIOUS VIRAL NUCLEIC ACID BY IODINE ...Chemical Treatment (water); Food Contamination; Iodine; Phenols; Viral Pollutant Sources; Viruses - Animal; ...2.0930

DIRECT METHODS FOR THE ENUMERATION OF SALMONELLA IN WATER ...Bacterial Pollutant Sources; Marine Biology - General; Recreation, Water Resources; Swimming, ...2.0940

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chemical Analysis (water); Chlorination; Chlorine; District of Columbia; Potomac River; Viral Pollutant Sources; ...2.0941

DEVELOPMENT OF METHODOLOGY FOR ISOLATION OF VIRUSES FROM WATER ...Adsorption; Ionic Effect; Kinetics; Spectrographic Techniques; Viral Pollutant Sources; Viruses - Animal; ...2.0954

HYDROUS METAL OXIDES - THEIR GEOCHEMISTRY AND EFFECT ON WATER QUALITY ...Adsorption; Adsorption Capacity; Geochemical Analysis (water); Physiological Effects; ...2.0969

ENRICHMENT OF METALS IN SEAWATER BY FOAM PRODUCTION ...Bubbles; Chemical Mechanisms & Kinetics; Foam; Marine Pollution; Sea Water Chemistry; Trace Elements; Water Chemistry; X-ray Spectroscopy; ...2.1043

EPIDEMIOLOGICAL STUDY OF CORRELATION OF WATER QUALITY AND DISEASE ...Food Contamination; Potable Water; Water Standards & Baselines; ...2.1075

ENTERIC VIRUS SURVIVAL IN AQUEOUS ENVIRONMENTS ...Estuaries; Food Contamination; Potable Water; Recreation, Water Resources; Safety - Recreation; Viral Pollutant Sources; Viruses - Animal; ...2.1145

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat, Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; ...2.1163

ARMOUR INDUSTRIAL CHEMICAL SECONDARY WASTE-WATER TREATMENT ...Aerobic Waste Water Treatment; Chemical Industry, Chemical Oxygen Demand; Food Processing Industries; Local Government; Pilot Plants; ...2.1243

A FEASIBILITY STUDY OF ULTRAFILTRATION AND ELECTROPHORETIC DIALYSIS FOR RECOVERY OF VIRUSES IN WASTE AND OTHER WATERS ...Electrodialysis; Filters-filtration; Reverse Osmosis; Viral Pollutant Sources; Virus; Viruses - Animal; ...2.1281

ADSORPTION OF VIRUS-SIZED PARTICLES IN POROUS MEDIA ...Artificial Recharge; Forecasting - Prediction; Groundwater Recharge-see Rechg; Viral Pollutant Sources; Water Supply Augmentation; ...2.1387

NAVY ENVIRONMENT - AVOIDANCE AND CONTROL OF THE EFFECTS ON MEN & MARINE LIFE OF TOXIC RED TIDES INITIATED BY LOCAL POLLUTION OF THE SEA ...Algae -nonspecific; Algal Physiology; Algal Toxins; Contamination - Water; Environmental Influences; Marine Plants; Water Pollution Sources; ...2.1493

INTERACTION BETWEEN MARINE ORGANISMS AND OIL POLLUTION ...Animal Migration; Contamination - Water; Environmental Geology; Marine Biology - General; Petroleum -see Oil; ...2.1584

MULTIPLE SCLEROSIS AND THE QUALITY OF DRINKING WATER ...Impaired Water Use; Physiological Effects; Sanitation; Water Pollution Sources; ...2.1598

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

MEASUREMENT AND MANAGEMENT ASPECTS OF WATER TOXICOLOGY ...Analysis and Detection; Biological Effects; Chemical Analysis (water); Food Contamination; Plant Food Chains, Thermal Pollution; Training Grants, Fellowships; ...2.1793

NATIONAL AND ENVIRONMENTAL HAZARDS, DISORDERS, ENVIRONMENTAL QUALITY ...Drought - Meteorologic; Floods; Glaciology; Recreation, Water Resources; Seismology; Urban Environment; Urban Research -general; Water Pollution Sources; ...2.1799

ENVIRONMENT AND TECHNOLOGY ASSESSMENT ...Aquatic Soils; Costs -see Economics Entries; Government -see Federal Gov.; Social Aspects; Thermal Pollution; ...2.1812

WATER QUALITY CRITERIA FOR SELECTED RECREATION USES ...Attitudes & Attitude Change; Multivariate Analysis; Recreation, Water Resources; Social Aspects; Survey Studies (water); Water Pollutant Identification; Water Quality -general; ...2.1827

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Air Pollution -see Specifics; Cost-benefit Analysis; Economics of Natural Resources; Northeast U. S.; Types of Resources; ...2.1837

WATER AND THE CITIES ...Architecture and Design; Inventories, Recreation, Water Resources; Urban Environment; Water Cycle; Water Pollution Abatement; ...2.1846

ADAPTIVE CONTROL THEORY APPLIED IN A CLASS OF DYNAMIC POLLUTION PROBLEMS ...Effluents - Waste Water; Waste Treatment; Water Pollution Sources; Water Quality Control -general; ...2.1872

UNITED STATES INDIA EXCHANGE OF SCIENTISTS AND ENGINEERS PROGRAMME ...Air Pollution -see Specifics; Toxicology, ...2.1875

SOCIO-ECONOMIC FACTORS RELATED TO THE INCIDENCE OF A WATER-BORNE DISEASE ...Bacterial Pollutant Sources; Community - Social Studies; Digestive System - Human; Economic Impact; Intestinal Bacteria; Puerto Rico; Social Aspects; ...2.1909

ECONOMIC ANALYSIS OF ENVIRONMENTAL QUALITY EFFECTS ASSOCIATED WITH SEASONAL HOMES ...Attitudes & Attitude Change; Economics -recreation; Environmental Effects - Human; Recreation, Outdoor; Recreation, Water Resources; Safety - Recreation; Seasonal Homes; ...2.1921

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Recreation, Water Resources; Survey Studies (water); Vertical Distribution; Water Resources Protection; ...3.0013

THE ECOLOGY OF THE MICROBIAL POPULATION OF ACTIVATED SLUDGE ...Activated; Degradation -see Pesticide Deg; Mechanism Determination; Toxic Substances; Waste Management -see Specific; ...3.002.

COMPILATION OF READINGS AND CASE MATERIALS ON TECHNOLOGY ASSESSMENT ...Air Pollution -see Specifics; Demography; Government -see Federal Gov.; Noise; Public Health; Solid Waste; Technology - Social Impact; ...3.0048

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Color; Disinfection; Farm Animal Wastes; Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment - general; ...3.0168

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS ...Algae -nonspecific; Chlorination; Effluents - Waste Water; Pseudomonas; Sewage; Sewage Lagoons; Zooplankton; ...3.0356

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Air Pollution -see Specifics; Food Contamination; Pesticide Toxicity in Humans; Physiological Effects; Radiation, Low Level; Residues in Foods; Toxicology; ...4.0658

NEW APPROACHES TO INSECT CONTROL IN MILITARY INSTALLATIONS WITHOUT THE USE OF PESTICIDES ...Mammals -nonspecific; Military Personnel; ...4.0660

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

ENVIRONMENTAL EFFECTS ON THE CONTENT OF CS137 IN MILK ...Air Pollution -see Specifics; Deposition-general; Food Contamination; Lakes; Radioactive Fallout; Reservoirs and Impoundments; Strontium; ...5.0081

METABOLISM OF HYDROGEN ISOTOPES ...Food Contamination; Hydrogen; Mammals -nonspecific; Radiation Injury Prevention; Radiologic Health; ...5.0141

DEVELOPMENT STUDIES IN LOW LEVEL RADIOCHEMICAL ANALYSIS AND TRACE STABLE ELEMENTS IN BIOLOGICAL AND ENVIRONMENTAL MATERIALS ...Air Pollution - see Specifics; Carbon; Hydrogen; Plutonium; Radiation, Low Level; Radiologic Health; ...5.0883

GENERAL STUDIES IN THE TOXICITY OF RADIOELEMENTS ...Air Pollution -see Specifics; Radiation Injury Prevention; Radiologic Health; ...5.0889

Water Pollution Abatement

ALABAMA ENVIRONMENTAL STUDY-CONFERENCE PROJECT ...Air Pollution; Government -see Federal Gov.; Planning; Water Conservation -general; Water Quality -general; ...1.0475

ARGONNE NATIONAL LABORATORY INTERAGENCY AGREEMENT ...Air Pollution; Air Pollution -see Specifics; Handbooks; ...1.0612

STUDIES PREPARATORY TO GLOBAL ENVIRONMENTAL MONITORING ...Air Pollution Monitoring; Environmental Geology; Meetings; Monitoring; Water Quality -general; ...1.0717

ECOLOGY OF A TROPICAL SHORE - PRE-ANALYSIS FOR POLLUTION STUDIES ...Ecological Effects; Marine Geology; Petroleum -see Oil; Pollution Effects -see Water; ...2.0058

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

ALLEVIATION OF LAKE POLLUTION BY UTILIZATION OF AQUATIC PLANTS FOR NUTRITIONAL, MEDICINAL OR INDUSTRIAL PURPOSES ...Aquatic Plants -nonspecific; Cultural Control; Mammals -nonspecific; Minnesota; Taxonomy -plant; ...2.0207

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; ...2.0241

BUFFALO RIVER OIL POLLUTION PROGRAM ...Data Reduction and Analysis; New York; Oil Removal; Petroleum Wastes - Spillage; ...2.0258

A PILOT-SCALE STUDY OF ACID MINE DRAINAGE ...Acidity (water); Data Acquisition; Mining Industry; Systems Analysis - Water Mgmt; ...2.0303

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Drilling Operation; Groundwater; Iron; Pennsylvania; Underground Workings; Water Table; ...2.0340

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand, Carbonates; Chemical Properties; Contamination; Eastern U. S.; Landfill; Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; ...2.0348

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

ACID MINE POLLUTION ...Acid Mine Drainage; Biological Water Properties; Catostomidae; Mining Industry; Physical Water Properties; Rehabilitation -streams -lakes; Sediments; Strip Mines; ...2.0409

MICROBIOLOGY OF ACID DRAINAGE FROM COAL MINES ...Acid Mine Drainage; Bacterial Population Surveys; Biological Control; Ferrobacillus; Heterotrophic Bacteria; Thiobacillus; ...2.0432

MINING OPERATIONS FOR THE REDUCTION OF HARMFUL DRAINAGE FROM UNDERGROUND COAL MINES ...Acid Mine Drainage; Coal; Mine Engineering; Survey Studies (water); Underground Workings; Water Resources Protection; ...2.0433

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Em Radiation; Marine Biology - General; Monolayers; Polarimetry; Reflectance; Survey Studies (water); Water Pollutant Identification; ...2.0499

WATER QUALITY ASSESSMENT AND POLLUTION CONTROL ...Biological Water Properties; Data Networks; Groundwater; Irrigation; Physical Water Properties; Sewage; ...2.0510

HYDROGRAPHY OF THE PENOBSCOT RIVER ESTUARY ...Density; Dissolved Load; Environmental Changes; Estuaries; Maine; Salinity (water); Soil Tillage; ...2.0607

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties - general; Water Standards & Baselines; ...2.0701

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation; Economic Impact; Lakes; Pollution Effects -see Water; Regional Economics; Urban Environment; Waste Water Treatment - general; Water Quality -general; ...2.0721

CHARACTERISTICS OF DRAINAGE FROM DEEP BITUMINOUS COAL MINES IN WESTERN PENNSYLVANIA ...Acid Mine Drainage, Bituminous; Data Reduction and Analysis; Pennsylvania; Waste Water Treatment -general; ...2.0751

HYDROGEOLOGY OF PUBLIC GROUND WATER SUPPLIES IN PENNSYLVANIA ...Chemical Analysis (water); Groundwater; Management (water); Potomac River; Susquehanna River; Water Yield; ...2.0753

IMPROVEMENT OF QUALITY OF WATER RESOURCES BY A THREE-FOLD ATTACK - ADSORPTION, SEDIMENTATION AND MIXING ...Adsorption; Adsorption Capacity; Flocculation; Pollutant Removal; Process Design, Thermodynamics; ...2.0905

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

REHABILITATION OF A BRINE-POLLUTED AQUIFER ...Agricultural Studies -general; Aquifers; Arkansas Brines; Fluid Properties; Irrigation; Water Utilization -domestic; ...2.0962

SYMPOSIUM PRESENTATION OF RESEARCH FINDINGS ON THE REAERATION CAPACITY OF STREAMS AND ESTUARIES ...Aeration (water); Estuaries; Isotope Tracer -see Tracers; Mass Transfer; Radioisotopes; Water Chemistry; ...2.0999

TEST AND EVALUATE EQUIPMENT FOR CONTAINING AND REMOVING OIL SPILLS IN HARBORS AND ADJACENT WATERS ...Harbors; Maine; Oil; Oil Removal; Petroleum Wastes - Spillage; Waste Material Recovery; ...2.1032

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

MATHEMATICAL MODEL OF STORM AND SANITARY INTERCEPTOR SYSTEM ...Flow Regulations; Mathematical Models; Mississippi River; Rainfall - Runoff Relationship; Sewer Interceptor Station; Storm Sewer Quantity; Storm Water; ...2.1048

ANIMAL WASTE UTILIZATION FOR POLLUTION ABATEMENT ...Agricultural Runoff; Farm Animal Wastes; Livestock - nonspecific; Soil Microbiology; Waste Disposal on Soils; ...2.1053

OXYGEN REGENERATION OF POLLUTED RIVERS ...Aeration (water); Delaware River; Dispersion (water); Economic Efficiency; ...2.1058

STUDY OF WATER CURRENTS AND MOVEMENTS IN LAKE ERIE ...Energy Conversion; Lake Erie; Ocean Circulation - general; Ocean Hydrodynamics; Stratification (water); Thermal Pollution; ...2.1076

EFFECT OF GEOGRAPHICAL LOCATION ON COOLING POND REQUIREMENTS AND PERFORMANCE ...Electric Power Plants; Energy Conversion; Handbooks; Ponds; Thermal Pollution; ...2.1103

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Quality -general; ...2.1129

ESTABLISHING GUIDES FOR COORDINATING URBAN PLANNING AND THE DESIGN, ENGINEERING, AND CONSTRUCTION OF URBAN STORM RUN-OFF SYSTEMS ...Erosion; Floodplains; Rainfall - Runoff Relationship; Urban Environment; Urban Planning; Water Resources Planning; ...2.1130

MICROFUNGI IN THE WATER, LITTER AND MUD OF A CATTAIL MARSH BORDERING LAKE BUTTE DES MORTS ...Bottom Sampling; Fungal Pollutant Sources; Fungi -nonspecific; Lower Plants; Swamps - Marshes; Wisconsin; ...2.1139

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Foreign Agriculture; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Sewage; Water Quality -general; ...2.1196

PHOTOLYSIS MECHANISMS FOR POLLUTION ABATEMENT ...Organics; Oxidants; Photolysis; Solar Radiation -sunshine; ...2.1245

EFFECTS OF DOMESTIC POLLUTION ABATEMENT ON A EUTROPHIC LAKE ...Biological Water Properties; Chemical Water Properties; Eutrophic Lakes; Physical Water Properties; Water Pollution Sources; ...2.1267

EFFECTS OF ECONOMIC DEVELOPMENT UPON WATER RESOURCES ...Data Acquisition; Data Reduction and Analysis; Economic Impact; Forecasting - Prediction; Industrial Wastes; Management (water); Model Studies; ...2.1289

PROCESS CONTROL MODEL FOR OXYGEN REGENERATION OF POLLUTED RIVERS ...Aeration (water); Benefit-cost Analysis; Information Control Theory, Mathematical Analysis; Model Studies; Systems Analysis - Water Mgmt; ...2.1335

PERFORMANCE OF INTERMITTENT SAND FILTERS ...Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sand Filters; ...2.1342

ABATEMENT OF MINE DRAINAGE POLLUTION BY REVERSE OSMOSIS ...Acid Mine Drainage; Acid Mine Wastes; Pilot Plants; Process Design; Reverse Osmosis; Waste Water Treatment -general; Wisconsin; ...2.1392

ENVIRONMENTAL CONTROL RESEARCH CONTROL TECHNIQUES, FIELD TESTING, AND EVALUATION ...Acid Mine Drainage; Chemical Analysis (water); Data Acquisition; Effluents - Waste Water; Mine Drainage Control; Mining Industry; Water Pollution Sources; ...2.1401

EFFECTS OF IRRIGATION OF MUNICIPAL SEWAGE EFFLUENT ON SPOILS BANKS ...Effluents - Waste Water; Irrigation; Mine Wastes; Sewage; Spoil Banks; Strip Mines; Waste Disposal on Soils; ...2.1404

PHOSPHATE EXCHANGE WITH SEDIMENTS ...Analysis and Detection; Chemical Water Properties; Eutrophication; Sedimentation; Water Quality Control -general; ...2.1582

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Tillage, Cropping Systems; Waste Water Treatment - general; Water Pollution Effects; ...2.1665

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; ...2.1675

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Model Studies; Nutrients; Physical Water Properties; Primary Productivity - Plants; Statistics; Washington; Water Purification; ...2.1768

PHYSIOLOGICAL EFFECTS OF SUBLETHAL LEVELS OF ACID WATER ON FISH ...Acidity (water); Bullheads; Contamination - Water; Fish & Shellfish Biology; Physiological Effects; ...2.1773

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Economic Efficiency; Legal Review; Management (water); Model Studies; Water Quality -general; Water Standards & Baselines; ...2.1805

ENVIRONMENT AND TECHNOLOGY ASSESSMENT ...Aquatic Soils; Costs -see Economics Entries; Government -see Federal Gov.; Social Aspects; Thermal Pollution; Water Pollution -see Specifics; ...2.1812

A STUDY OF PUBLIC ATTITUDES AND MULTIPLE OBJECTIVE DECISION CRITERIA FOR WATER POLLUTION CONTROL PROJECTS ...Attitudes & Attitude Change; Decision Theory; Management; Markov Chains; Simulation Theory; Water Quality -general; Water Resources Planning; ...2.1818

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Storage; ...2.1831

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Supply - general; ...2.1842

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Expenditures; Finance -see Economics Entries; Lakes; Massachusetts; Model Studies; Riparian Rights; Water Resources Planning; ...2.1843

WATER AND THE CITIES ...Architecture and Design; Inventories; Recreation, Water Resources; Urban Environment; Water Cycle; ...2.1846

THE ECONOMICS OF WATER SUPPLY AND QUALITY ...Benefit-cost Analysis; Estuaries; River Basins; Water Resources Planning; ...2.1847

A SURVEY OF ATTITUDES TOWARDS THE MISSISSIPPI RIVER AS A TOTAL RESOURCE IN MINNESOTA ...Attitudes & Attitude Change; Legal Studies; Mississippi River; Social Aspects; Water Quality Control -general; Water Standards & Baselines; ...2.1856

ECONOMIC IMPACTS OF WATER POLLUTION CONTROL PROGRAMS ON CATTLE FEEDLOTS ...Agricultural Watersheds; Beef Industry; Bos; Water Resources Planning; ...2.1864

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Consumption; Economic Projections- Forecast; Forecasting - Prediction; Statistics; Water Costs; Water Resources Planning; Water Transfer; ...2.1874

ALLOCATION OF STREAM POLLUTION CARRYING CAPACITY ...Administrative Organizations; Benefit-cost Analysis; Legislation - Zoning; Model Studies; Social Aspects; Water Allocation; ...2.1885

PUBLIC INVESTMENT CRITERIA FOR WATER-ORIENTED RECREATION IN THE LAKE ERIE BASIN ...Benefit-cost Analysis; Costs -see Economics Entries; Finance -see Economics Entries; Lake Erie; User Expenditures; Water Quality -general; Water Standards & Baselines; ...2.1896

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

ECONOMIC EFFECTS OF SUBSIDIES FOR POLLUTION ABATEMENT ...Cost-benefit Analysis; Costs -see Economics Entries; Effluents - Waste Water; Expenditures; Fiscal Analysis - general; Government -see Federal Gov.; Water Standards & Baselines; ...2.1914

ATTITUDES, OPINIONS AND GOALS CONCERNING REGIONAL RESOURCE PLANNING AND DEVELOPMENT ...Attitudes & Attitude Change; Computer Methods -general; Economic Planning; Government -see Federal Gov.; Regional Economics; River Basins; Vermont; ...2.1922

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation, Water Resources; Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

LAW AFFECTING INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Administrative Organizations; Legal Review; Riparian Rights; State Government; Water Quality Control -general; Water Standards & Baselines; Wisconsin; ...2.1930

LEGAL ASPECTS OF WATER RIGHTS AND WATER QUALITY IN EASTERN STATES ...Appropriation; Eastern U. S.; Legal Review; Riparian Rights; Water Allocation; Water Quality - general; Wisconsin; ...2.1931

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Flume Studies; Irrigation; Planting Methods; Rock - Soil Pollution; Soil Chemical Properties; Soil Profile; Waste Disposal on Soils; ...3.0008

TECHNOLOGICAL CHANGE IN FOREST INDUSTRIES ...Air Pollution -see Specifics; Pulp and Paper Wastes; Water Pollution Effects; ...3.0044

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Eutrophication; Florida; Lagoons; Pipe; Sanitary Sewage Quantity; Sewage - Domestic; Sub - Tropic Regions; ...3.0109

EVALUATION OF MEAT ANIMAL HOUSING SYSTEMS IN RELATION TO POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Dust; Farm Structures & Design; Groundwater; Space Requirements; Wind -see Air Motion; ...3.0209

PULP INDUSTRY POLLUTION ABATEMENT THROUGH PROCESS MODIFICATION ...Chemical Treatment (water); Forest Industry; Kinetics; Process Design; Pulp and Paper Wastes; Recycle Water; ...3.0254

SURVEY OF PULP AND PAPER MILL EFFLUENT CONTROL AND TREATMENT ...Effluents - Waste Water; Industrial Wastes; Pulp and Paper Wastes; Survey Studies (water); Waste Water Treatment -general; Water Quality Control -general; Water Resources Protection; ...3.0255

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Supply -general; ...4.0026

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL INFORMATION PROCESSING, STORAGE, AND RETRIEVAL ...Applied Climatology; Chemical Water Properties; Data Reduction and Analysis; Electric Power Plants; Information Science; Information Systems; Thermal Pollution; Water Pollution Sources; ...5.0072

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR PROCESS CONTROL AND POLLUTION ABATEMENT ...Coatings -see Materials; Isotope Tracer -see Tracers; Plating Wastes; Radioactive Isotopes; Reactors; Zinc; ...5.0804

Water Pollution Effects

GEOCHEMICAL EXPLORATION TECHNIQUES IN ALPINE AND SUBALPINE ENVIRONMENTS ...Cars; Geochemical Investigations; Geological Exploration; Geophysical Analysis; Mining Industry; Ore Deposits; Rock - Soil Pollution; ...1.0330

ATMOSPHERIC CONSTITUENTS OF THE TERRESTRIAL-TYPE PLANETS ...Algae - Cyanophyta; Algal Pollutant Sources; Environmental Influences; Gases; Pesticides -nonspecific; Space Medicine - Exobiology; Weather - Physical Properties; ...1.0345

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; ...1.0354

THE INFLUENCE OF DECOMPOSING SALMON ON WATER CHEMISTRY ...Alaska; Chemical Water Properties; Food Processing Industries; Nitrogen and Nitrogen Cpds.; Nutrients; Physiological Effects; Water Pollutants - Path of; ...2.0010

DOMESTIC WASTE DISCHARGE INTO A SILT LADEN ESTUARY ...Alaska; Chemical Water Properties; Data Reduction and Analysis; Forecasting - Prediction; Silting (water) -see Sediment; Sub - Polar Regions; Water Pollution Sources; ...2.0012

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Suspension; Urban Runoff; Water Reuse; Watersheds; ...2.0019

POLLUTION IN HAWAIIAN WATERSHEDS ...Bacterial Pollutant Sources; Biological Water Properties; Chemical Water Properties; Hawaii; Nutrients; Water Pollutant Identification; Water Pollution Sources; Watersheds; ...2.0118

ACCUMULATION OF METALS IN THE AQUATIC FOOD CHAIN IN THE ILLINOIS RIVER ...Analysis and Detection; Aquatic Soils; Bioassays; Illinois River; Plant Food Chains; ...2.0125

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects - see Water; Sands & Gravels; Water Pollutant Identification; ...2.0139

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control - general; ...2.0166

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Analysis and Detection; Atomic Absorption; Contamination - Water; Lead; Mine Hydrology; Missouri; Pollution Effects -see Water; Zinc; ...2.0226

FATE OF POLLUTANTS IN ESTUARIES AND MARINE BAYS ...Bays; Coastlines - Shorelines; Estuaries; Forecasting - Prediction; Turbidity (water); Water Pollutants - Path of; ...2.0285

SOURCE, FATE AND EFFECT OF NUTRIENTS ADDED TO NORTH CAROLINA ESTUARIES ...Estuaries; Industrial Wastes; Nutrients; Water Pollutants - Path of; Water Pollution Sources; ...2.0290

THE CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PETROCHEMICAL WASTES ...Chemical Industry; Chemical Manufacturing Wastes; Groundwater; Industrial Wastes; Petroleum Industry; Petroleum Wastes - Spillage; ...2.0310

POWER PRODUCTION ...Atomic Plants; Chemical Effects; Density; Effluents - Waste Water; Energy Conversion; Mathematical Models; Reservoirs and Impoundments; Thermal Pollution; ...2.0337

SANITARY LANDFILLS IN COAL STRIP MINES ...Coal; Groundwater; Leaching; Sanitary Landfills; Water Pollutants - Path of; Water Quality Control -general; ...2.0341

PLANT PHENOLS AND RELATED ORGANIC COMPOUNDS IN PUBLIC WATER SOURCES, THEIR RELATIONSHIP TO CHLORINATION ...Chlorination; Forest Debris; New England Province; Phenols; Toxicology; ...2.0354

GROUND WATER CONTAMINATION RESULTING FROM WASTE DISPOSAL ...Groundwater; Solid Waste; South Dakota; Water Pollutants - Path of; Water Pollution Sources; ...2.0360

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH

CONDITIONS ...Algae -nonspecific; Biological Water Properties; Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of; Water Pollution Sources; Water Quality -general; ...2.0400

TOLERANCE AND CYTOLOGICAL RESPONSE OF ALGAE TO MINE WATER ...Acidity (water); Algae -nonspecific; Contamination - Water; Industrial Wastes; ...2.0430

WISCONSIN RIVER ICE STUDIES ...Channels; Erosion; Glaciology; Wisconsin; ...2.0457

BIOLOGICAL PROPERTIES OF SEWAGE LAGOONS AT TUSKEGEE, ALABAMA ...Alabama; Cellular Biosynthesis; Contamination - Water; Microorganisms -nonspecific; Sewage Lagoons; Water Pollutant Identification; ...2.0468

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Cyprinodontidae; Mineralogical Water Properties; Temperature (water); ...2.0613

ASSAYS OF TOXIC POLLUTANTS BY FISH BLOOD ABERRATIONS ...Contamination - Water; Cyprinodontidae; Environmental Physiology; Temperature (water); Toxic Substances; Toxicology; Water Pollution -see Specifics; ...2.0614

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Missouri; Physical Water Properties; Taxonomy -animal; Water Quality -general; ...2.0659

LIMNOLOGICAL INVESTIGATIONS OF LAKE MEAD ...Chemical Water Properties; Lakes; Physical Water Properties; Water Quality -general; ...2.0667

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Bioassays; Coliforms -nonspecific; Data Reduction and Analysis; Microorganisms -nonspecific; New Mexico; Rumen Bacteria; Water Pollution -see Specifics; Water Quality -general; Water Utilization -domestic; ...2.0684

GEOCHEMICAL STUDIES OF CONTINENTAL WATERS ...Air - Earth Interface; Chemical Properties; Geochemical Analysis (water); Isotope Tracer -see Tracers; Mineralogical Properties; Salt Water; Soil Chemical Properties; Thermal Properties; ...2.0698

FLORISTIC AND FAUNISTIC SURVEY IN THE CUYAHOGA RIVER WATERSHED ...Algae -nonspecific; Aquatic Ecology - Animal; Fish; Ohio; Plant Freshwater Ecology; River Basins; ...2.0732

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Bacterial Pollutant Sources; Benthic Flora; Chemical Water Properties; Marine Bacteria; Marine Environments; Marine Plants; Plant Population Dynamics -gen; Water Analysis; ...2.0767

DEVELOPMENT OF SAMPLE PREPARATION METHODS FOR ANALYSIS OF MARINE ORGANISMS ...Bioindicators; Chemical Analysis (water); Marine Biology - General; Water Pollutant Identification; Water Pollutants - Path of; Water Quality Control - general; ...2.0824

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Nutrients; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

AERATION OF LAGOONS IN RIGOROUS CLIMATE AREAS ...Aeration (water); Pilot Plants; Sewage Lagoons; Urban Environment; ...2.0869

STUDY OF ASSIMILATIVE CAPACITY OF ARCTIC AND SUBARCTIC STREAMS ...Animal Habitat Studies; Degradation -see Pesticide Deg; Optical Properties of Water; Plant Habitat Studies; Sub - Polar Regions; ...2.0959

THE EFFECTS OF SUSPENDED SILTS AND CLAYS ON SELF-PURIFICATION IN NATURAL WATERS ...Adsorption Capacity; Cellular Catabolism-see Degrad; Sediments; Size; Suspension; ...2.0960

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Biological Water Properties; Contamination - Water; Effluents - Waste Water; Management (water); Physical Water Properties; Reservoirs and Impoundments; Water Pollutants - Path of; Water Quality Control - general; ...2.1008

ANALYSIS OF THERMAL POLLUTION DISPERSION ...Aeration (water); Effluents - Waste Water; Model Studies; Stratification (water); ...2.1055

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Bacterial Ecology; Cellular Physiology- Env. Eff.; Chlorine; Effluent-standards; Illinois; Sewage Bacteria; Water Bacteria; ...2.1259

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Aquatic Ecology - Animal; Chemical Measurements (water); Chlorination; Effluents - Waste Water; Physical Water Properties; Pollution Effects -see Water; Protozoa; Temperature (water); ...2.1262

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Industrial Wastes; Organic Matter; Seepage (water); Sewage Lagoons; Waste Management -see Specific; Water Pollutants - Path of; Water Quality -general; ...2.1360

THE CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF IRRIGATION RETURN FLOWS ...Groundwater; Irrigation; Water Reuse; ...2.1382

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Aquatic Plants -nonspecific; Fish; Fishing; Pollution Effects -see Water; Recreation, Water Resources; Spawn Or Nesting Sites; ...2.1471

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ...Aquaria; Industrial Wastes; Mining Industry; Physiological Effects; Salinity (water); Temperature; Turbidity; ...2.1487

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Core Analysis; Fish and Shellfish; Lumbering -general; Pulp and Paper Wastes; Sedimentation; Temperature (water); ...2.1496

WATER TEMPERATURE AS A QUALITY FACTOR IN THE USE OF STREAMS AND RESERVOIRS ...Animal Habitat Studies; Dispersion (water); Meteorological Studies; Temperature (water); Thermal Pollution; Water Pollution Sources; ...2.1514

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ...Acidity (water); Captive Rearing; Contamination - Water; Environmental Influences; Fish Food Organisms; Mollusca; Pesticide Toxicity to Microorg; Pollution Effects -see Water; Temperature (water); Water Pollution Sources, ...2.1517

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal; Chemical Water Properties; Estuaries; Georgia; Invertebrates -nonspecific; Physical Water Properties; Pulp and Paper Wastes; Turbidity (water); ...2.1537

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Aquatic Soils; Atomic Absorption; Bottom Sampling; Chemical Analysis (water); Effluents - Waste Water; Industrial Wastes; ...2.1563

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Benthic Fauna; Energy Conversion; Estuaries; Fish & Shellfish Biology; Maine; Physical Water Properties; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1568

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; ...2.1574

EFFECTS OF SURFACTANTS IN WATER ON BLACKBIRD METABOLISM ...Analysis and Detection; Contamination - Water; Passeriformes; Surfactants -see Detergents; Temperature - Air; ...2.1579

LONG-TERM EFFECTS OF PESTICIDES ON AQUATIC INVERTEBRATES ...Amphipoda; Endrin; Parathion; Pesticides -see Pesticide; Sevin; ...2.1588

MONITORING FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ...Aquatic Ecology u Animal; Ecological Effects; Energy Conversion; Lake Michigan; Nets; Salmonidae; Thermal Pollution; ...2.1596

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST. CROIX (ABBREV) ...Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Fishing; Loss Damages - Recreation; Population Dynamics -general; Temperature (water); ...2.1603

DOMESTIC WATER PROBLEMS AS RELATED TO TEXTILES ...Detergent Builders; Fibers; Home Economics; Materials -properties; Mineralization; Purity, Impurity; ...2.1604

A SYSTEMS APPROACH FOR THE STUDY AND CONTROL OF FACTORS AFFECTING WATER POLLUTION ...Literature Search; Model Studies; Optimization, Economic, River Basins; Systems Analysis - Water Mgmt; Water Pollution Sources; Water Quality Control -general; ...2.1610

WATER QUALITY SURVEYS ...Animal Productivity; Missouri; River Basins; Water Quality -general; ...2.1622

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Gastropoda; Mollusca; Physical Water Properties; Taxonomy -animal; Water Pollution Sources; ...2.1623

POLLUTED WATERS ...Animal Habitat Studies; Aquatic Ecology - Animal; Contamination - Water; Fish; Missouri; Water Quality - general; ...2.1624

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Aquatic Ecology - Animal; Atomic Absorption; Geochemical Analysis (water); Lead; Precipitation; Water Purification; Zinc; ...2.1626

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Contamination - Water; Fish; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; Zinc; ...2.1628

EFFECTS OF THERMAL AND OTHER FORMS OF POLLUTION ON SOME ANADROMOUS FISHES ...Aquatic Ecology - Animal; Environment Resistance-animals; Fresh Water; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Salinity (water); Thermal Pollution; ...2.1641

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology - Animal; Embryology -basic; Environmental Physiology; Fish Food Supply -other; Micropterus Salmoides; Temperature (water); Water Quality -general; ...2.1649

A COMPARATIVE STUDY OF THE RESPONSES OF THE AQUATIC WEEDS, ZANNICHELLIA PALUSTRIS & RUPPIA MARITIMA, TO DIFFERENT TEMPERATURES AND SALINITIES ...Amphibious Plants; Forecasting - Prediction; Marine Plants; Potamogetonaceae; Temperature (water); ...2.1659

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Tillage, Cropping Systems; Waste Water Treatment - general; ...2.1665

DISTRIBUTION AND ECOLOGY OF RIVER MOLLUSKS IN CENTRAL AND WESTERN NORTH DAKOTA ...Animal Distribution; Atlantic Ocean; Chlorine; Mollusca; Paleontology; Pollution Effects -see Water; ...2.1667

EFFECTS OF CHEMICALLY AND BIOLOGICALLY MODIFIED PULPING EFFLUENTS ON THE PRODUCTION OF FISH ...Animal Productivity; Effluents - Waste Water; Fish and Shellfish; Irrigation; Pollution Effects -see Water; Tides; Water Purification; ...2.1676

COAL STRIP MINE WATERSHED DEMONSTRATION--JACKSON COUNTY, ALABAMA ...Alabama; Coal; Strip Mines; Water Quality -general; ...2.1715

A MATHEMATICAL ANAYSIS OF THERMAL POLLUTION OF LAKES AND ESTUARIES ...Atomic Plants; Environmental Aspects; Estuaries; Lakes; Thermal Pollution; ...2.1739

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Contamination - Soil; Mans Pollutional Activities; Plant Growth; Sandy Soils -see Soil Type; Soils; Water Supply -general; ...2.1742

SOME EFFECTS OF THE RECENT INTRODUCTION OF HARD WATER INTO THE WATER SUPPLY RESERVOIR OF CARVIN COVE, VIRGINIA ...Animal Productivity; Benthic Fauna; Environmental Ecology; Mineralogical Water Properties; Physical Water Properties; Vertical Distribution; ...2.1747

SIMULATION MODELING OF THERMAL EFFECTS ON SELECTED RIVER SYSTEMS ...Atomic Plants; Development of Models; Energy Conversion; Illinois River; Model Studies; River Basins; ...2.1754

REGIONAL MODELING OF SURFACE WATER TEMPERATURES FROM PROJECTED POWER GROWTH ...Atomic Plants; Computer Models; Forecasting - Prediction; Mississippi River; River Basins; Thermal Pollution; ...2.1760

WORKSHOP ON RESEARCH PROBLEMS IN AIR AND WATER POLLUTION ...Air Pollution Effects; Eutrophication; Meetings; Thermal Pollution; Upper Atmospheric Chemistry; ...2.1800

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries; General Recreation Studies; Long Island Sound; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.1880

MULTIPURPOSE REGIONAL MARINE SCIENCE CENTER (SEA LAB) ...Agricultural Economics; Economics & Technology; Management; Marketing; Oceanography -general; ...2.1889

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Delaware River; Effluents - Waste Water; Estuaries; Industrial Wastes; Sedimentation; Waste Disposal-see Solid Waste; Water Resources Development; Water Utilization -general; ...2.1903

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Generators; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor, Regional Economics; Social Aspects; ...2.1929

TECHNOLOGICAL CHANGE IN FOREST INDUSTRIES ...Air Pollution -see Specifics; Pulp and Paper Wastes; Water Pollution Abatement; ...3.0044

TAILINGS DISPOSAL SYSTEM (EFFECT OF DAM DESIGN ON/EFFLUENT QUALITY, SUBSTRATA STUDIES, SURFACE & SUBSURFACE DISPOSAL) ...Dams -general; Economic Mineral Appraisals; Land Use; Mine Structures; Mine Wastes; Waste Disposal, Underground; Water Pollution Sources; ...3.0340

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; ...4.0059

EFFECT OF ENDRIN ON EGG-SPERM FORMATION AND EMBRYONIC DEVELOPMENT ...Carassius Auratus; Embryology -basic; Endrin; Ictalurus Punctatus, Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; ...4.0531

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Aquatic Plants -nonspecific; Carbon; Endrin; Environmental Physiology; Fish; Pesticide Action on Animals; Soil Types -also See Specifics; ...4.0532

PESTICIDES RESEARCH ...Alaska; Chemical Analysis; DDT; Fish; Invertebrates -nonspecific; Pesticides -see Pesticide; ...4.0534

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Chlorine; Dieldrin; Endrin; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Salmo Gairdneri; ...4.0697

EFFECTS ON THE SPERMIATION RESPONSE OF GOLDFISH AFTER EXPOSURE TO SELECTED PESTICIDES ...Carassius Auratus; Pesticide Action on Animals; Pesticides -nonspecific; Pesticides -see Pesticide; ...4.0698

NERVE IMPULSE TRANSMISSION CHARACTERISTICS OF ISOLATED FISH-NERVE PREPARATIONS PERFUSED WITH PHYSIOLOGICAL LEVELS OF SELECTED PESTICIDES ...Chlorinated Hydrocarbons; Cichlidae; Ictaluridae; Pesticide Action on Animals; Pesticides -see Pesticide; Salmonidae; ...4.0699

THE INFLUENCES OF ENVIRONMENTAL CONDITIONS ON THE TOXICITY OF PESTICIDES ...Aquatic Ecology - Animal; Bioassays; Fish; Pesticides -nonspecific; Pollution Effects -see Water; ...4.0708

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FISH TO SOME COMMONLY USED PESTICIDES ...Centrarchidae; Fish; Invertebrates -nonspecific; Laboratory Animals; Pesticides - nonspecific; Pesticides -see Pesticide; Salmonidae; ...4.0709

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; Pesticides -nonspecific; Plant Freshwater Ecology; Temperature (water); Water Quality -general; ...4.0716

EFFECTS OF PARATHION AND MALATHION ON WARM-WATER FISH PONDS ...Aquatic Ecology - Animal; Ictalurus Punctatus; Malathion; Pesticide Action on Animals; Pesticides - see Pesticide; Temperature (water); ...4.0717

UPTAKE, PERSISTENCE AND METABOLITES OF SEVIN BY CHANNEL CATFISH ...Ictalurus Punctatus; Pesticide Action on Animals; Pesticides -see Pesticide; Sevin; ...4.0718

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Bioassay; DDT; Dieldrin; Pesticide Action on Animals; Pesticides -see Pesticide; Salmo Gairdneri; ...4.0724

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANO-TOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Watersheds; ...4.1026

Biological Effects

PUBLIC HEALTH ECOLOGY ...Air Pollution -see Specifics; Air Pollution Effects; Aircraft Remote Sensing; Climatology; Sanitation; Spacecraft Sensory Devices; Water Pollution -see Specifics; ...1.0296

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Acid Mine Drainage; Aquatic Plants - nonspecific; Iowa; Lakes; Oklahoma; Population Dynamics - general; Strip Mines; ...2.0024

LEAD POLLUTANTS IN NEAR SHORE MARINE ENVIRONMENTS ...Fish; Lead; Marine Biology - General; Outlets; Sanitary Sewage Quantity; ...2.0049

STUDY OF KEY WEST DESALTING PLANT EFFLUENT ...Alkalinity (water); Contamination - Water; Desalination Wastes; Florida; Physical Effects; Salinity (water); ...2.0053

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Erosion; Fertilizers; Freezing & Below; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds, Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

RELATIVE LEACHING RATES OF COMMON NITROGEN CARRIERS FROM SANDY SOILS ...Eutrophic Lakes; Florida; Nutrients; Sandy Soils -see Soil Type; ...2.0109

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

COOPERATIVE GULF OF MEXICO INVENTORY AND STUDY - III - SEDIMENTOLOGY OF MISSISSIPPI'S ESTUARIES ...Aquatic Ecology - Animal; Cooperative Studies; Estuaries; Invertebrates -nonspecific; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Size; Texture; ...2.0210

POWER PRODUCTION ...Atomic Plants; Chemical Effects; Density; Effluents - Waste Water; Energy Conversion; Mathematical Models; Reservoirs and Impoundments; Thermal Pollution; ...2.0337

ACID MINE DRAINAGE - PILOT PLANT EVALUATION ...Acid Mine Drainage; Aeration (water); Core Analysis; Microorganisms -nonspecific; Model Studies; ...2.0345

RADIOECOLOGY OF THE KUCUK CEKMECE LAGOON ...Aquatic Ecology - Animal; Contamination - Water; Energy Conversion; Lagoons; Radioactive Isotopes; Sediments; Water Pollutants - Path of; ...2.0392

REVIEW OF THE SANTA BARBARA CHANNEL OIL POLLUTION INCIDENT ...Channels; Contamination - Water; Marine Biology - General; Oil Removal; Petroleum Wastes - Spillage; ...2.0419

EFFECT OF TEMPERATURE ON BACTERIA ...Atomic Plants; Bacterial Population Surveys; Columbia River; Environmental Aspects; Ictaluridae; Water Bacteria; ...2.0422

THE SIGNIFICANCE AND CONTROL OF WASTEWATER FLOATABLES IN COASTAL WATERS ...Bacterial Pollutant Sources; Chromatography; Coliforms -nonspecific; Effluents - Waste Water; Infrared Spectroscopy; Marine Pollution; Waste Management -see Specific; ...2.0488

THE IMPACT OF MICROORGANISMS ON OIL ...Bacterial Ecology; Degradation -see Pesticide Deg; Food Contamination; Louisiana; Ostreidae (oyster); Petroleum Wastes - Spillage; Water Pollutant Identification; ...2.0603

USE OF MARINE PLANKTONIC ORGANISMS FOR EVALUATING THE QUALITY OF MARINE AND ESTUARINE WATERS ...Animal Life History Studies; Bioassays; Estuaries; Phytoplankton; Water Pollutant Identification; Water Quality -general; ...2.0790

DEVELOPMENT OF AN IN SITU MARINE BIOASSAY WITH CLAMS ...Bioassays; Captive Rearing; Contamination - Water; Invertebrate Physiology; Monitoring; ...2.0839

PROCESSING PLANT EFFLUENTS FOR IRRIGATION IN COASTAL PLAINS OF NORTHEAST ...Effluents - Waste Water; Food Processing Wastes; Industrial Wastes; Irrigation; Lye; Plant Waste Removal, Treatment; Soil Chemical Properties; Water Reuse; ...2.1443

BIOLOGICAL EFFECTS OF HEAVY METAL POLLUTION ...Alaska; Chelation & Complexing; Microorganisms -nonspecific; Yeasts -nonspecific; ...2.1475

ICHTHYOFAUNAL DIVERSIFICATION AND DISTRIBUTION IN THE BIG CREEK WATERSHED, CRAIGHEAD AND GREENE COUNTIES, ARKANSAS ...Alkalinity (water); Aquatic Ecology - Animal; Centrarchidae; Cyprinidae; Deltas; Flood Control Planning; Osteichthyes -other; Turbidity (water); ...2.1484

ABUNDANCE AND COMPOSITION OF DEEP AND SHALLOW WATER MACROPLANKTON AND LITTORAL FISH POPULATIONS IN AND ABOUT THE SANTA BARBARA CHANNEL ...Animal Habitat Studies; Channels, Hippolyte; Osteichthyes -other; Plankton Sampling; Scorpaenidae; ...2.1501

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Amphibious Plants; Cirripedia; Contamination - Water; Marine Animals; Marine Environments; Petroleum - see Oil; Plant Habitat Studies; ...2.1502

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants, Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Chemical Water Properties; Ecological Effects; Environmental Influences; India; Lower Plants; Organic Water Properties; Physiological Effects; ...2.1549

THE FISHERY OF THOMAS HILL RESERVOIR ...Electric Power Plants; Energy Conversion; Esocidae; Power Reservoirs; Stocking of Fish & Shellfish; Temperature (water); Thermal Pollution; ...2.1621

EFFECTS OF WARM-WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Atomic Plants; Biological Water Properties; Chemical Water Properties; Energy Conversion; Fish; Missouri River; Temperature (water); ...2.1633

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fish; Industrial Wastes; Marine Animals; Mineralogical Water Properties; Physiological Effects; Zooplankton; ...2.1640

TEMPERATURE REGIMEN IN TIDAL WATERS ...Aquatic Ecology - Animal; Ecological Effects; Model Studies; Tides; Water Purification; ...2.1644

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER ...Aquaria; Captive Rearing; Energy Conversion; Fish Farming; Marine Animals; New York; Temperature (water); Water Utilization - animal; ...2.1653

EFFECTS OF SUGAR REFINING LOGOON EFFLUENTS ON FARGO CLAY ...Biochemical Oxygen Demand; Chemical Effects; Effluents - Waste Water; Infiltration; Sewage Lagoons; Tillage, Cropping Systems; ...2.1666

EFFECTS OF PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Animal Productivity; Contamination - Water; Fish and Shellfish; Oregon; Population Dynamics -general; ...2.1685

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Effluents - Waste Water; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

WATER RESOURCES SCIENTIFIC INFORMATION CENTER, WATER QUALITY REQUIREMENTS AND EFFECT OF WATER POLLUTION ON FRESHWATER MARINE ORGAN-

ISMS ...Document & Literature Info; Information Science; Marine Biology . General; Water Quality -general; ...2.1766

PHYSIOLOGY AND ECOLOGY OF MARINE DIATOMS ...Diatoms (see Also Algae); Marine Plants; Phytoplankton; Salinity; Taxonomy -plant; ...2.1767

EVALUATE PERFORMANCE OF POULTRY AS AFFECTED BY WATER QUALITY ...Chlorine; Filtration, Nutrition; Ponds; Water Utilization -animal; West Virginia; ...2.1774

MEASUREMENT AND MANAGEMENT ASPECTS OF WATER TOXICOLOGY ...Analysis and Detection; Chemical Analysis (water); Food Contamination; Plant Food Chains; Thermal Pollution; Training Grants, Fellowships; ...2.1793

MANAGEMENT ASPECTS OF THERMAL POLLUTION CONTROL ...Effluents - Waste Water; Electric Power Plants; Energy Conversion; Environmental Geology; Outlets; Thermal Pollution; ...2.1849

COORDINATING THE EFFORTS OF PARTICIPATING AGENCIES IN A STUDY OF ENVIRONMENTAL EFFECTS OF WARM-WATER DISCHARGES INTO THE MISSOURI RIVER ...Environment; Management (water); Missouri River; Thermal Pollution; ...2.1865

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

OCEAN DISPOSAL OF INDUSTRIAL WASTES ...Acidity (water); Chemical Effects; Disposal Wastes; Industrial Wastes; Mathematical Models; Model Studies; ...3.0101

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Aquatic Soils; Dalapon; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Formulation; Pesticide Residues; Ponds; Typhaceae; ...4.0006

MECHANISMS OF PESTICIDE ACCUMULATION IN AQUATIC ORGANISMS ...Animal Pests; Insecticides -nonspecific; Pesticide in Food Chains; Plant Absorption -other; Pollution Effects -see Water; ...4.0039

TERMINAL RESIDUES OF CHLORINATED HYDROCARBON PESTICIDES IN LAKE MICHIGAN AND ASSOCIATED TRIBUTARIES ...Cellular Catabolism-see Degrad; DDT; Dieldrin; Lake Michigan; Microorganism-see Cell. Catab.; Pesticide Residue Analysis; Pesticide Residues Removal; ...4.0075

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Chemical Effects; Herbicides and Other Chem; Metabolism of Algacides; Oxygen Content (water); Ponds; Water Quality -general; ...4.0392

EFFECT OF MOSQUITO CONTROL CHEMICALS ON AQUATIC FAUNA ...Abate; Irrigation; Oryzeae; Pesticide Evaluation; Pesticides -see Pesticide; ...4.0539

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide, Southeast U. S.; Temperature (water); ...4.0940

CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PESTICIDE MANUFACTURING WASTES ...Bibliography; Canada; Contamination - Water; Literature Search; Pesticide Industry; Pesticides, Pesticides -see Pesticide; ...4.0986

Ecological Effects

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Combustion Air Pollution-gen; Gases; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics; ...1.0061

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Fish Food Organisms; Lake Stages; Pathology; Plankton; Reservoirs and Impoundments; ...2.0021

WATERSHED INVESTIGATION, GRASS VALLEY CREEK ...California; Sedimentation; Sediments; Spawn Or Nesting Sites; Water Pollution Sources; Watersheds; ...2.0047

ECOLOGY OF A TROPICAL SHORE - PRE-ANALYSIS FOR POLLUTION STUDIES ...Marine Geology; Petroleum -see Oil; Pollution Effects -see Water; Water Pollution Abatement; ...2.0058

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Water Properties; Eutrophic Lakes; Eutrophication; Iowa; Oxygen Content (water); Water Pollutants - Path of; Water Quality Control -general; ...2.0144

DEGRADATION OF RIPARIAN LEAVES AND THE RECYCLING OF RELEASED NUTRIENTS IN A STREAM ECOSYSTEM ...Chemical Water Properties; Degradation -see Pesticide Deg; Energy Budgets; Forest Debris; Nutrients; Organic Matter; Physical Water Properties; ...2.0162

AN IN SITU EVALUATION OF NUTRIENT EFFECTS IN LAKES ...Chelation & Complexing; Lakes; Nitrogen and Nitrogen Cpds.; Sewage; ...2.0192

HEAVY METAL ION INTERACTION AND TRANSPORT WITH SYNTHETIC COMPLEXING AGENTS AND DETERGENT PHOSPHATE SUBSTITUTES IN AQUATIC SYSTEMS ...Biodegradation-see Degradation; Chelation & Complexing; Detergents -see Surfactants; Environmental Influences; Leaching; Surfactants -see Detergents; ...2.0221

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Eutrophication; Microorganisms -nonspecific, Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus -nonspecific; ...2.0264

EFFECTS OF EUTROPHICATION ON AQUATIC VEGETATION - PHASE II ...Algae -nonspecific; Aquatic Soils; Eutrophication; Hydrocharitaceae; Phytoplankton; Plant Succession; Potamogetonaceae; ...2.0266

EXTENT OF LAKE ONTARIO POLLUTION CAUSED BY THE OSWEGO RIVER ...Aquatic Ecology - Animal; Lakes; Marine Environments; Pollution Effects -see Water; Range Or Territorial Distr.; Waste Dilution- Self Purifying; ...2.0272

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects -see Water; Water Pollution Sources; Zinc; ...2.0280

PHOSPHATE MINING EFFLUENT IN ESTUARINE ECOLOGY ...Amphibious Plants; Contamination - Water; Estuaries; Mining Industry; Phosphorus and Phosphorus Cpds; Pollution Effects -see Water; Toxic Minerals; ...2.0292

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICRO-ORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Bacterial Ecology; Chemical Water Properties; Lake Erie; Microorganisms -nonspecific; Physical Water Properties; Plant Freshwater Ecology; Plant Physiological Ecology; ...2.0300

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Animal Behavioral Ecology; Atomic Plants; Contamination - Water; Environmental Ecology; Lakes; Population Dynamics -general; Thermal Pollution; ...2.0305

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Effluents - Waste Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Chlorine; Forecasting - Prediction; Lakes; Mineralogical Water Properties; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; Water Pollution Sources; ...2.0359

ECOLOGY OF WESTERN GULF ESTUARIES ...Animal Habitat Studies; Animal Productivity; Dredging; Estuaries; Management (water); Marine Biology - General; Physical Effects; ...2.0384

BEHAVIOUR OF CERTAIN RADIONUCLIDES IN THE AQUATIC ECOLOGY OF ISMAILIA CANAL ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Canals; Radioisotopes; United Arab Republic; Water Pollution Sources; ...2.0393

REVIEW OF THE SANTA BARBARA CHANNEL OIL POLLUTION INCIDENT ...Biological Effects; Channels; Contamination - Water; Marine Biology - General; Oil Removal; Petroleum Wastes - Spillage; ...2.0419

DETECTION OF LIMITING AND SURPLUS NUTRIENTS IN ALGAE ...Algae -nonspecific; Algal Physiology; Environmental Influences; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; ...2.0440

AQUATIC-BIOTIC COMMUNITY STRUCTURE AS AN INDICATOR OF POLLUTION ...Acidity (water); Benthic Fauna; Invertebrates -nonspecific; Pollution Effects -see Water; Species Diversity Measurement; Strip Mines; ...2.0469

ENVIRONMENTAL BIOLOGY OF TOMALES BAY ...Animal Habitat Studies; Bays; Chemical Water Properties; Environment Resistance-animals; Mans Pollutional Activities; Marine Environments; Water Standards & Baselines; ...2.0489

INSHORE FISHERIES HABITAT EVALUATION AND MONITORING ...Animal Habitat Studies; Fishing; Mans Pollutional Activities; Marine Plants; Scuba; Types of Resources; ...2.0491

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Em Radiation; Marine Biology - General; Monolayers; Polarimetry; Reflectance; Survey Studies (water); Water Pollutant Identification; ...2.0499

AN ECOLOGICAL STUDY OF THE LOWER HOUSATONIC RIVER - PHASE I - SURVEY OF THE CHEMICAL ASPECTS OF THE RIVER ...Alkalinity (water); Chemical Water Properties; Connecticut; Optical Properties of Water; Survey Studies (water); Zinc; ...2.0523

WESTERN BEAUFORT SEA ECOLOGICAL CRUISE (WEBSEC 9-70) ...Alaska; Bays; Marine Biology - General; Oil; Sea Water Chemistry; Ships and Cruises, Water Standards & Baselines; ...2.0537

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology -nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

ECOLOGIC IMPACT OF HUMAN ACTIVITIES ON WATER RESOURCE ENVIRONMENTS ...Animal Pollutant Sources; Chemical Water Properties; Mans Pollutional Activities; Physical Water Properties; Water Pollutant Identification; ...2.0584

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Fish; Mineralogical Water Properties; Nutrient Studies -animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

LAKE SUPERIOR PERIPHYTON IN RELATION TO WATER QUALITY ...Animal Interrelationships -gen; Balance of Nature - Plants; Contamination - Water; Fertilizers; Nutrients; Plankton; ...2.0644

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; Land Use; New York; Plants - Dicotyledons; Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Habitat Studies; Boat Discharges; Forecasting - Prediction; Mathematical Models; New York; Swamps - Marshes; Water Bacteria; Waterfowl -nonspecific; ...2.0693

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Gramineae; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

BIOLOGICAL MONITORING. ...Animal Habitat Studies; Contamination - Water; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Water Pollutant Identification; ...2.0711

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation; Economic Impact; Lakes; Pollution Effects -see Water; Regional Economics; Urban Environment; Waste Water Treatment - general; Water Quality -general; ...2.0721

INFLUENCE OF SUSPENDED MICROSCOPIC SUBSTANCES ON THE METABOLISM OF MICROORGANISMS RESPONSIBLE FOR BIOLOGICAL ENRICHMENT OF WATER ...Adsorption Capacity; Microorganisms -nonspecific; Pesticides -nonspecific; Sediments; Water Pollutants - Path of; ...2.0723

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Chemical Water Properties; Contamination - Water; Environmental Influences; Physical Water Properties; Sediments; Water Pollutants - Path of; ...2.0724

A SYSTEMATIC AND ECOLOGICAL SURVEY OF THE ZOOPLANKTON AND PHYTOPLANKTON OF NORTHEASTERN OHIO GLACIAL LAKES ...Biological Water Properties; Eutrophication; Glaciology; Nutrients; Physical Water Properties; ...2.0730

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Aquatic Ecology - Animal; Biological Water Properties; Chemical Analysis (water); Data Acquisition; Fish; Organic Water Properties; Pollution Effects -see Water; Survey Studies (water); ...2.0731

BIOLOGIC DETECTION AND CONTROL OF WATER POLLUTION ...Bacterial Ecology; Microorganisms -nonspecific; Reservoirs and Impoundments; Water Pollutant Identification; Water Pollution -see Specifics; Water Quality Control -general; ...2.0794

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Aquatic Ecology - Animal; Contamination - Water; Fish; Pollution Effects see Water; Reactor Sites & Rad Waste; Survey Studies (water); Thermal Pollution; ...2.0800

EFFECTS OF INDUSTRIAL EFFLUENTS ON PRIMARY PHYTOPLANKTON INDICATORS ...Diatoms (see Also Algae); Effluents - Waste Water; Ionic Effect; Phytoplankton; Statistics; Tracers; ...2.0802

MACROBENTHOS AS INDICATORS OF ECOLOGICAL CHANGE ...Aquatic Ecology - Animal; Benthic Fauna; Chemical Water Properties; Physical Water Properties; River Basins; Water Pollutant Identification; ...2.0816

BIOLOGICAL STREAM SURVEILLANCE ...Benthic Organisms - nonspecific; Bottom Sampling; Survey Studies (water); Taxonomy -plant; West Virginia; ...2.0850

INFLUENCE OF SEDIMENTATION UPON THE PRODUCTION OF GAME FISHES ...Animal Productivity; Fish Food Organisms; Pollution Effects -see Water; Sediment Yield; Sediments; Turbidity (water); ...2.0881

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity; Cellular Catabolism-see Degrad; Estuaries; Microorganisms -nonspecific; Plankton; Plant Productivity -general; Ponds; Primary Productivity - Plants; Water Pollution Sources; ...2.1069

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

DEMONSTRATION OF THE LIMITATIONS AND EFFECTS OF WASTE DISPOSAL ON AN OCEAN SHELF ...Benthic Fauna; Marine Animals; Marine Environments; Marine Pollution; Sewage; ...2.1226

THERMAL AND CONVENTIONAL RIVER POLLUTION ...Atomic Plants; Chemical Water Properties; Effluents - Waste Water; Legislation - Zoning; Tennessee River; Water Quality Control -general; ...2.1472

EFFECTS OF LARGE SCALE FOREST FIRES ON WATER QUALITY IN THE INTERIOR OF ALASKA ...Alaska; Chemical Water Properties; Fire Damage, Recovery; Fire Research -see Forest Fire; Forest Watersheds; Soil Chemical Properties; ...2.1474

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes -

Feed Lots; Arkansas; Chemical Analysis (water); Eutrophic Lakes; Mineralogical Water Properties; Nutrients; Plankton Sampling; Population Dynamics -general; Zooplankton; ...2.1483

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Biological Water Properties; Circulation (water); Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plant Freshwater Ecology; Soil Tillage; Water Properties -general; ...2.1494

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bullheads; Environmental Physiology; Marine Animals; Osteichthyes - other; Population Dynamics -general; Temperature Stress; ...2.1498

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Amphibious Plants; Biological Effects; Cirripedia; Contamination - Water; Marine Animals; Marine Environments; Petroleum -see Oil; Plant Habitat Studies; ...2.1502

ECOLOGICAL IMPACTS OF RECLAMATION PROJECTS ...Aquatic Ecology - Animal; Plant Freshwater Ecology; Reservoirs and Impoundments; Water Distribution Systems; ...2.1508

ECOLOGICAL AND LIMNOLOGICAL IMPACT OF THE CONSTRUCTION AND OPERATION OF PUMP-BACK STORAGE PROJECTS ...Circulation (water); Electric Power Plants; Environmental Aspects; Power Reservoirs; Temperature Or Heat Budgets; Western U. S.; ...2.1509

THE EFFECT OF POLLUTION ON THE DISTRIBUTION OF LPP PHYCO-VIRUSES IN RELATION TO POLLUTION OF THE CHRISTINA RIVER ...Acidity (water); Delaware; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.1522

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Data Reduction and Analysis; Energy Conversion; Induced Temperature; Marine Plants; Population Dynamics -general; Thermal Pollution; ...2.1532

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

THE EFFECTS OF THERMAL LOADING ON THE HAWAIIAN MARINE BIOTA ...Animal Life History Studies; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Temperature; Thermal Pollution; ...2.1539

SAND RECOVERY ...Dredging; Hawaii; Marine Biology - General; Pollution Effects -see Water; Recreation, Water Resources; Sand; ...2.1541

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Preimpoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

GREAT LAKES ECOLOGY STUDY ...Aquatic Ecology - Animal; Chemical Analysis (water); Environmental Ecology; Lakes; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1546

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Chemical Water Properties; Environmental Influences; India; Lower Plants; Organic Water Properties; Physiological Effects; ...2.1549

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Acid Mine Drainage; Aquatic Ecology - Animal; Environmental Ecology; Lakes; Mining Industry; Physical Water Properties; Waste Water Treatment -general; ...2.1551

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Biochemical Analysis - Tissues; Energy Conversion; Environmental Physiology; Pollution Effects - see Water; Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1553

EFFECTS OF FEEDLOT RUNOFF ON FISH FOOD ORGANISMS IN THE COTTONWOOD RIVER ...Agricultural Runoff; Aquatic Ecology - Animal; Bottom Sampling; Fish and Shellfish; Industrial Wastes; Kansas; Water Pollutant Identification; ...2.1558

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - FISH DISTRIBUTION ...Aquatic Ecology - Animal; Environmental Ecology; Industrial Wastes; Vertical Distribution; ...2.1559

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - BENTHOS DISTRIBUTION ...Benthic Organisms -nonspecific; Bottom Sampling; Contamination - Water; Effluents - Waste Water; Industrial Wastes; Tennessee River; Vertical Distribution; ...2.1562

COOLING WATER DISCHARGE PROJECT (RP-49) ...Biological Water Properties; Estuaries; Lakes; Synoptic Weather Observations; ...2.1572

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Chlorine; Data Acquisition; Effluent-standards; Fish; Population Dynamics -general; Species Diversity Measurement; Water Properties -general; ...2.1577

INTERACTION BETWEEN MARINE ORGANISMS AND OIL POLLUTION ...Animal Migration; Contamination - Water; Environmental Geology; Marine Biology - General; Petroleum -see Oil; ...2.1584

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

MONITORING FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ...Aquatic Ecology - Animal; Energy Conversion; Lake Michigan; Nets; Salmonidae; Thermal Pollution; ...2.1596

POLLUTION AND THE ECOLOGY OF NEAR-SHORE PERIPHYTON OF LAKE SUPERIOR ...Cellular Physiology- Env. Eff.; Contamination - Water; Environmental Influences; Eutrophication; Nutrients; ...2.1599

SECONDARY PRODUCTION IN RUNNING-WATER ECOSYSTEMS ...Animal Habitat Studies; Animal Productivity; Bottom Sampling; Management (water); Plant Productivity - general; ...2.1601

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST. CROIX (ABBREV) ...Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Fishing; Loss Damages - Recreation; Population Dynamics -general; Temperature (water); Water Pollution Effects; ...2.1603

ENVIRONMENTAL STUDIES ON THE MISSISSIPPI RIVER ...Effluents - Waste Water; Energy Conversion; Mathematical Models; Mississippi River; Thermal Pollution; ...2.1612

DETERMINATION OF AQUATIC ECOSYSTEM RESPONSE TRENDS RESULTING FROM MAN-IMPOSED ENVIRONMENTAL STRESSES ...Construction Industry; Construction Land Use Effects; Forecasting - Prediction; Mans Pollutional Activities; ...2.1614

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Aquatic Ecology - Animal; Construction Industry; Construction Land Use Effects; Consultants, Advisory Services; Environment; Pollution Effects -see Water; Systems Analysis - Water Mgmt; ...2.1615

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Environment Resistance-animals; Heat Recovery, Industrial; Photosynthesis; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bays; Energy Conversion; Invertebrate Physiology; Long Island Sound; Mollusca; Population Dynamics -general; Temperature (water); Zooplankton; ...2.1638

EFFECTS OF SEWAGE SLUDGE ON FINFISH AND BENTHIC AND PLANKTONIC COMMUNITIES ...Atlantic Ocean; Benthic Organisms -nonspecific; New Jersey; Sewage; ...2.1639

TEMPERATURE REGIMEN IN TIDAL WATERS ...Aquatic Ecology - Animal; Biological Effects; Model Studies; Tides; Water Purification; ...2.1644

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific; Algal Physiology; Effluents - Waste Water; Forecasting - Prediction; Management; Nutrients; Sewage Treatment Plant; Water Pollutant Identification; ...2.1646

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae; Eutrophication; Fertilizers -aquatic; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Potamogetonaceae; ...2.1650

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries; Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water); Channels; Contamination - Water; Organic Matter; Plant Freshwater Ecology; Primary Productivity - Plants; Sewage Treatment Plant; Thermal Pollution; ...2.1658

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Effluents - Waste Water; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Data Reduction and Analysis; Environmental Ecology; Eutrophication; Lake Erie; Plankton; Spawning & Nesting Sites; Stizostedion Vitreum Vitreum; Water Temperature Recorders; ...2.1672

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS ...Animal Predation; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Industrial Wastes; Petroleum Industry; Population Dynamics -general; Water Pollutant Identification; ...2.1674

ECOLOGICAL STUDIES OF AN EXPERIMENTAL STREAM ...Animal Habitat Studies; Energy Budgets; Environmental Ecology; Plant Freshwater Ecology; Pollution Effects -see Water; ...2.1686

AN EXPANDED PROGRAM OF RESEARCH IN FRESHWATER ECOLOGY ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Environment Resistance-animals; Fresh Water; Pollution Effects -see Water; Water Pollution Sources; ...2.1689

CYTOPATHOLOGY IN FISH EXPOSED TO STREAM POLLUTANTS ...Acid Mine Drainage; Fish Hatcheries; Physiological Effects; Salvelinus; ...2.1690

ECOLOGICAL PARAMETERS OF THE DEVELOPMENT AND FEEDING HABITS OF SIMULIUM SPP. (BLACK FLIES) ...Animal Pollutant Sources; Aquatic Ecology - Animal; Eutrophication; Fish; Organic Matter; Water Quality -general; ...2.1692

CHARACTERISTICS OF ORGANIC SUBSTANCES IN TIDAL MARSHES AND BENTHIC ENVIRONMENTS ...Estuaries; Marine Environments; Organic Matter; Organic Properties; Swamps - Marshes; Tidewater Areas; ...2.1696

THERMAL EFFECTS IN FLOWING STREAMS ...Currents (water); Electric Power Plants; Nutrients; Pollution Effects -see Water; Turbidity (water); ...2.1706

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants; Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies; Atomic Plants; Effluents - Waste Water; Environmental Physiology; Invertebrate Physiology; Nuclear Reactors; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1708

WATER POLLUTION INVESTIGATION, BATTLE CREEK, SOUTH DAKOTA ...Aquatic Ecology - Animal; Benthic Fauna; Pollution Effects -see Water; Population Dynamics -general; South Dakota; Water Quality -general; ...2.1710

COAL STRIP MINE WATERSHED STUDY ...Alabama; Coal; Data Acquisition; Engineering Structures-general; Pollution Effects -see Water; Soil Tillage; Strip Mines; Water Quality -general; Watersheds; ...2.1719

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

THE DISTRIBUTION AND DENSITY OF MACROBENTHOS IN LAKE ARLINGTON, TEXAS ...Animal Succession; Arthropods; Lakes; Range Or Territorial Distr.; Texas; ...2.1724

THERMAL STUDY IN WILKES RESERVOIR ...Aquatic Ecology - Animal; Contamination - Water; Electric Power Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1728

STUDY OF TEMPERATURE EFFECTS IN COOLING WATER BODIES ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Bays; Lakes; Plant Freshwater Ecology; Temperature (water); Thermal Pollution; ...2.1734

THE EFFECTS OF HEATED WASTE WATERS UPON MICROBIAL COMMUNITIES ...Algae -nonspecific; Energy Conversion; Management (water); Protozoa; ...2.1743

EFFECTS OF TOXICANTS UPON FISH MOVEMENT PATTERNS ...Contamination - Water; Effluents - Waste Water; Industrial Wastes; Pilot Plants; Water Pollutant Identification; ...2.1744

EFFECTS OF POLLUTANTS ON SUBMARINE PLANT SYNECOLOGY ...Aquatic Plants -nonspecific; Contamination - Water; Industrial Wastes; Mineralogical Water Properties; Plant Succession; ...2.1749

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Conflicts; Electric Power Plants; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...2.1755

EFFECTS OF MODIFICATIONS ON THE COLUMBIA RIVER ...Animal Productivity; Benthic Fauna; Commercial Fishing; Electric Power Plants; Environmental Ecology; Salmo Gairdneri; Thermal Pollution; ...2.1758

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties -general; ...2.1763

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Construction Industry; Consultants, Advisory Services; Fish and Shellfish; Mammals; Mans Pollutional Activities; Wildlife -nonspecific; ...2.1770

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

THE AQUATIC ENVIRONMENT AND ELECTRICAL POWER GENERATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Energy Conversion; Great Lakes -see Specific Lake; Reactor Sites & Rad Waste; Temperature (water); ...2.1781

EVALUATION OF BENEFIT-COST ESTIMATION OF THE ECOLOGIC AND ECONOMIC IMPACTS FROM WATER RESOURCES CONSERVATION AND DEVELOPMENT ...Benefit-cost Analysis; Georgia; Small Watersheds; Water Conservation -general; Water Resources Planning; ...2.1816

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal;

Attitudes & Attitude Change; Community - Social Studies; Fish; Government [see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

WATER RESOURCES STUDY BY TEXAS WATER RESOURCES COMMITTEE ...Administrative Organizations; Finance -see Economics Entries; Legal Studies; State Government; Water - Alternative Uses; ...2.1918

ANALYSIS OF ENGINEERING ALTERNATIVES FOR ENVIRONMENTAL PROTECTION FROM THERMAL DISCHARGES ...Electric Power Plants; Energy Conversion; Power Plants -see Specifics; Social Aspects; Thermal Pollution; Water Resources Planning; ...2.1927

EFFECT OF MUNICIPAL SEWAGE PLANT EFFLUENT UPON AQUATIC SNAIL POPULATIONS ...Aquatic Ecology - Animal; Chlorine; Lake Champlain; Mercury; Pollution Effects -see Water; Sewage; ...3.0053

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

EFFLUENT INFLUENCES OF THE MISSISSIPPI RIVER ON THE CHEMISTRY AND BIOLOGY OF ADJACENT OCEAN SYSTEMS ...Chemical Analysis (water); Chlorinated Hydrocarbons; Effluents - Waste Water; Marine Pollution; Pesticides -see Pesticide; ...4.0022

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Aquatic Ecology - Animal; Dieldrin; Farm Pond; Georgia; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Plant Ecology -nonspecific; ...4.0025

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Animal Productivity; Bos; Oncorhynchus; Pesticide Action on Animals; Pesticide in Food Chains; Pollution Effects -see Water; Residues in Foods; ...4.0064

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils, Chemical Properties; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds; Chemical Analysis; Environmental Ecology; Fish; Lakes; Pesticide Residues; Pesticides -see Pesticide; ...4.0067

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation - see Pesticide Deg; Lake Champlain; Nutrients; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Sediments; Water Bacteria; ...4.0072

POND ECOLOGY AND PRODUCTION AS AFFECTED BY SIMAZINE ...Animal Productivity; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticide Aquatic Cycling; Simazine; ...4.0720

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics - general; Water Pollutants - Path of; ...4.0752

INSECTICIDES AND EGG-SHELL DEPOSITION ...Annelida; Birds; DDT; Endangered Species; Fish; Lake Michigan; Pesticide in Food Chains; Pesticide Residue Analysis; ...4.0913

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Pesticides -see Pesticide; Southeast U. S.; Temperature (water); ...4.0940

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contaminstion - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Pesticides -see Pesticide; ...4.0978

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination -other; Urine; ...4.0987

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Burial; Cooperative Studies; Estuaries; Marine Biology - General; Marine Environments; Radioactive Fallout; Water Pollution Sources; ...5.0059

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL INFORMATION PROCESSING, STORAGE, AND RETRIEVAL. ...Applied Climatology; Chemical Water Properties; Data Reduction and Analysis; Electric Power Plants; Information Science; Information Systems; Thermal Pollution; Water Pollution Sources; ...5.0072

Physiological Effects

THE INFLUENCE OF DECOMPOSING SALMON ON WATER CHEMISTRY ...Alaska; Chemical Water Properties; Food Processing Industries; Nitrogen and Nitrogen Cpds.; Nutrients; Water Pollutants - Path of; ...2.0010

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; Water Quality -general; ...2.0098

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination - Water; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Pollution Effects -see Water; Primary Productivity - Plants; Sewage; Water Quality -general; ...2.0119

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Animal Productivity; Aquatic Ecology - Animal; Cesium; Copper; Invertebrate Physiology; Phosphorus; Potassium; Temperature (water); Zinc; ...2.0201

CHARACTERIZATION OF ESTERASE(S) PRESENT IN FISH BLOOD ...Fish; Marine Biology - General; Pesticide Action on Animals; Pesticides -nonspecific; Pesticides -see Pesticide; ...2.0219

CYANIDE METABOLISM BY MICROORGANISMS ...Aldehydes - nonspecific; Cellular Catabolism-see Degrad; Fungi -nonspecific; Microorganisms -nonspecific; Water Pollution Sources; ...2.0231

INVESTIGATION OF THE MERCURY POLLUTION OF LAKE ERIE AND ITS AQUATIC LIFE ...Aquatic Ecology - Animal; Contamination - Water; Ictalurus Punctatus; Lake Erie; Mercury; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...2.0259

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects - see Water; Water Pollution Sources; Zinc; ...2.0280

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Algal Physiology; Estuaries; Eutrophication; Marine Plants; North Carolina; Phosphorus and Phosphorus Cpds; Phytoplankton; Water Pollutant Identification; ...2.0291

MARINE BIOLOGICAL ASSESSMENT OF POLLUTIONAL FATE ...Bays; Contamination - Water; Data Acquisition; Fish; Marine Pollution; Oregon; Pollution Effects -see Water; Salinity (water); Temperature (water); ...2.0338

ACID MINE POLLUTION ...Acid Mine Drainage; Biological Water Properties; Catostomidae; Mining Industry; Physical Water Properties; Rehabilitation -streams -lakes; Sediments; Strip Mines; Water Pollution Abatement; ...2.0409

CONTAMINATION OF DRINKING WATER AS A POSSIBLE FACTOR IN RETARDATION OF GROWTH OF SUCKLING CF1/ANI MICE ...Contamination - Water; Muridae; Water Pollution -see Specifics; Water Utilization -animal; ...2.0574

INTERACTIONS OF MERCURY WITH AQUATIC AND EDAPHIC ENVIRONMENTS ...Analysis and Detection; Environment; Ion Exchange; Mercury; Photosynthesis; Submerged Plants; ...2.0595

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - EFFECTS ON INDICATOR ORGANISMS ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Bottom Sampling; Effluents - Waste Water; Mollusca; Water Pollutant Identification; ...2.0597

THE INVESTIGATION AND ANALYSIS OF BIOCHEMICAL PROCESSES OF AQUATIC ORGANISMS UNDER STRESS ...Animal Pharmacology; Biochemical Analysis - Tissues; Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Fish; Toxic Substances; Water Standards & Baselines; ...2.0639

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Effluents - Waste Water; Lake Stages; Lower Plants; Nutrients; Phytoplankton; Plant Productivity -general; Tertiary Treatment; ...2.0641

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Chemical Water Properties; Contamination - Water; Growth; Periphyton; Plant Habitat Studies; Sewage; Water Pollutant Identification; Water Pollution Sources; ...2.0778

STUDY OF NITROGEN METABOLISM IN MARINE ALGAE ...Algae -nonspecific; Algal Physiology; Bioassays; Marine Plants; Water Pollutant Identification; ...2.0789

EFFECTS OF INDUSTRIAL EFFLUENTS ON PRIMARY PHYTOPLANKTON INDICATORS ...Diatoms (see Also Algae); Effluents - Waste Water; Ionic Effect; Phytoplankton; Statistics; Tracers; ...2.0802

TESTING METHODS FOR EVALUATION OF BOTH EFFECTIVENESS AND TOXICITY TO AQUATIC LIFE OF VARIOUS TREATING MATERIALS ...Adsorption; Chemical Treatment (water); Degradation -see Pesticide Deg; Oil Removal; Pesticide Toxicity -general; Surfactants -see Detergents; ...2.0845

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Animal Life History Studies; Bays; Contamination - Water; Engineering Structures-general; Estuaries; Fish and Shellfish; Water Quality -general; ...2.0846

EFFECTIVENESS OF IODINE FOR DISINFECTION OF PUBLIC WATER SUPPLIES & TO DETERMINE PHYSIOLOGICAL EFFECTS ON A HUMAN POPULATION ...Chemical Treatment (water); Iodine; Residues in Potable Water; Water Pollution -see Specifics; ...2.0884

HYDROUS METAL OXIDES - THEIR GEOCHEMISTRY AND EFFECT ON WATER QUALITY ...Adsorption; Adsorption Capacity; Geochemical Analysis (water); Water Pollution -see Specifics; ...2.0969

STREAM REAERATION ...Aeration (water); Flow Characteristics (water); Nutrients; Organic Matter; Southwest U. S.; ...2.1080

THE RECOVERY RATE OF AQUATIC COMMUNITIES OF STREAMS RECEIVING ACID MINE DRAINAGE ...Acid Mine Drainage; Benthic Fauna; Industrial Wastes; Mining Industry; Rehabilitation -streams -lakes; Sewage; ...2.1119

EFFECT OF POLLUTANTS ON AQUATIC MICROORGANISMS ...Chemical Mutagenesis; Microorganisms; Microorganisms -nonspecific; Physical Mutagenesis; Radiation -see Specifics; Solar Radiation -sunshine; ...2.1469

ECOLOGY AND NITROGEN CYCLE IN A MARINE PLANT COMMUNITY ...Alaska; Bering Sea; Lagoons; Nitrogen Cycle - see Denitrif.; Plant Physiological Ecology; Primary Productivity - Plants; ...2.1476

POSSIBLE EFFECTS OF CRUDE OIL ON AQUATIC ORGANISMS ...Alaska; Environmental Physiology; Marine Animals; Petroleum Wastes - Spillage; Pollution Effects -see Water; ...2.1477

LIMNOLOGICAL EFFECTS OF ORGANIC WATERSHED LITTER ...Forest Debris; Forest Litter, Duff & Humus; Forest Watersheds; Lakes; Organic Matter; ...2.1480

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ...Aquaria; Industrial Wastes; Mining Industry; Salinity (water); Temperature; Turbidity; Water Pollution Effects; ...2.1487

EFFECTS OF SODIUM NITRATE AND WATER CONTAMINANTS ON TURKEY PERFORMANCE ...Animal Pharmacology; Contamination - Water; Environmental Physiology; Meliagris; Nutrition; Pollution Effects -see Water; Water Utilization -animal; ...2.1513

EFFECTS OF SIMULTANEOUS VARIATIONS OF DIEL CHANGES OF TEMPERATURE, DISSOLVED OXYGEN, SALINITY & A POLLUTANT ON THE GROWTH OF WHITE PERCH ...Contamination - Water; Environmental Physiology; Salinity (water); Temperature (water); ...2.1520

SYNERGISTIC EFFECTS OF SUB-LETHAL POLLUTION ON THE DEVELOPMENT OF SELECTED WARM-TEMPERATE AND SUB-TROPICAL FISHES AND CRUSTACEANS ...Captive Rearing; Contamination - Water; Fish; Salinity (water); Temperature (water); ...2.1524

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Chemical Water Properties; Ecological Effects; Environmental Influences; India; Lower Plants; Organic Water Properties; ...2.1549

EFFECTS OF POLLUTION, ESPECIALLY FROM FEEDLOTS, ON FISHES IN THE UPPER NEOSHO RIVER BASIN ...Animal Habitat Studies; Aquatic Ecology - Animal; Fish; Kansas; Pollution Effects -see Water; River Basins; ...2.1557

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Captive Rearing; Effluents - Waste Water; Fish; Tennessee River; ...2.1560

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - CHEMICAL CONCENTRATION IN FISH ...Bioassays; Contamination - Water; Effluents - Waste Water; Fish; Industrial Wastes; ...2.1564

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

AN ECOLOGICAL STUDY OF THE PATUXENT ESTUARY ...Amphibious Plants; Electric Power Plants; Gramineae; Induced Temperature; Thermal Pollution; Zizaniaea; ...2.1573

BIOGEOCHEMISTRY OF ESTUARINE ECOSYSTEM WITH EMPHASIS ON HEAVY METALS AND SHELLFISH ...Chemical Analysis (water); Contamination - Water; Geochemical Analysis (water); Organic Matter; ...2.1578

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

TOXIC ACTION OF WATER SOLUBLE POLLUTANTS ON FRESHWATER FISH ...Aquatic Ecology - Animal; Contamination - Water; Fresh Water; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Salmo Gairdneri; ...2.1591

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Iodine; Ms-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pesticides -see Pesticide; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

CHRONIC EFFECTS OF HEAVY METALS ON FISH ...Animal Pharmacology; Contamination - Water; Lepomis Macrochirus; Percidae; Pollution Effects -see Water; Radioisotopes -nonspecific; Zinc; ...2.1597

MULTIPLE SCLEROSIS AND THE QUALITY OF DRINKING WATER ...Impaired Water Use; Sanitation; Water Pollution -see Specifics; Water Pollution Sources; ...2.1598

EFFECT OF PAPER FIBER WASTES ON FISH EGGS AND JUVENILES ...Contamination - Water; Fish; Industrial Wastes; Invertebrates -nonspecific; Pulp and Paper Wastes; Sphaerotilus; ...2.1605

EFFECT OF WATER POLLUTANTS AND WATER QUALITY ON EARLY LIFE HISTORY AND POPULATION DYNAMICS OF MINNESOTA FISHES ...Animal Life History Studies; Contamination - Water; Fish Food Organisms; Minnesota; Pollution Effects -see Water; Pulp and Paper Wastes; Temperature (water); ...2.1686

EFFECTS OF ENVIRONMENTAL STRESSES ON BEEF CATTLE ...Bos; Environmental Physiology; Mineralogical Water Properties; Muridae; Water Utilization -animal; ...2.1636

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fish; Industrial Wastes; Marine Animals; Mineralogical Water Properties; Zooplankton; ...2.1640

PHYSIOLOGICAL ADAPTATION OF TWO SPECIES OF FISHES, FUNDULUS HETEROCLITUS AND SALMO GAIRDNERI, TO ALTERED WATER QUALITY PARAMETERS ...Contamination - Water; Environmental Physiology; Optical Properties of Water; Salinity (water); Salmo Gairdneri; Vertebrate Anatomy; ...2.1647

PHYSIOLOGICAL ECOLOGY OF MARINE NEMATODES FROM SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Behavioral Ecology; Animal Life History Studies; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Estuaries; Marine Animals; Marine Environments; Marine Pollution; Organic Water Properties; Space Requirements; ...2.1652

TOXICITY OF SELECTED METALS TO CONDITIONED FISH ...Animal Behavioral Ecology; Behavior -vertebrate; Environmental Ecology; Fish; Pesticide Action on Animals; Pollution Effects - see Water; ...2.1669

LITERATURE RESEARCH ON WATER QUALITY REQUIREMENTS AND TOXICOLOGY OF FISHES ...Contamination - Water; Fish; Marine Animals; Russia; Water Quality -general; ...2.1679

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

CYTOPATHOLOGY IN FISH EXPOSED TO STREAM POLLUTANTS ...Acid Mine Drainage; Ecological Effects; Fish Hatcheries; Salvelinus; ...2.1690

FISH AND FOOD ORGANISMS IN MINE ACID WATERS OF PENNSYLVANIA ...Acid Mine Drainage; Alkalinity (water); Behavior -vertebrate; Chemical Effects; Fish; ...2.1691

EFFECTS OF CRUDE OILS AND THEIR EMULSIONS ON MARINE ORGANISMS ...Animal Pharmacology; Contamination - Water; Fish; Oil; Ships and Cruises; ...2.1699

PHARMACOLOGY OF METAL POISONING IN ESTUARINE FISHES ...Animal Pharmacology; Contamination - Water; Environmental Physiology; Mineralogical Water Properties; Pollution Effects -see Water; ...2.1700

COMPARATIVE TOXICITIES OF METALS TO ESTUARINE FISHES ...Aluminum; Bioassays; Cyprinodontidae; Environmental Physiology; Industrial Wastes; Marine Animals; Toxic Substances; ...2.1701

EFFECT OF NITRILOTRIACETIC ACID (NTA) UPON THE TOXICITY OF METALS TO SELECTED SPECIES OF ESTUARINE PHYTOPLANKTON ...Carbon; Chelation & Complexing; Estuaries; Industrial Wastes; Marine Plants; Metabolism of Algacides; Phytoplankton; ...2.1702

EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON ...Algal Physiology; Bioassays; Cellular Physiology- Env. Eff.; Contamination - Water; Estuaries; Petroleum Wastes - Spillage; Phytoplankton; Zooplankton; ...2.1703

HISTOPATHOLOGIC EFFECTS OF POLLUTANTS ON CELLS AND TISSUES OF MARINE FISHES ...Contamination - Water; Cyprinodontidae; Lead; Marine Animals; Mineralogical Water Properties; ...2.1704

HISTOPATHOLOGIC EFFECTS OF POLLUTANTS ON CELLS AND TISSUES OF MARINE INVERTEBRATES ...Clams; Crabs; Hippolyte; Lobsters; Marine Animals; Ostreidae (oyster); Zinc; ...2.1705

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies; Atomic Plants; Effluents - Waste Water; Environmental Physiology; Invertebrate Physiology; Nuclear Reactors; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1708

EFFECTS OF TEMPERATURE ON AQUATIC LIFE ...Animal Productivity; Channels; Fish; Model Studies; Temperature (water); ...2.1712

EVALUATION OF FACTORS AFFECTING SPAWNING OF DALE HOLLOW WHITE BASS ...Aquatic Ecology - Animal; Environmental Physiology; Mining Industry; Pollution Effects -see Water; Spawn Or Nesting Sites; Temperature (water); ...2.1714

EFFECTS OF WATER POLLUTION ON ZOOPLANKTON ...Cladocera; Copepoda; Insecticides -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Water Pollution Sources; ...2.1717

EFFECTS OF SELECTED POLLUTANTS ON CERTAIN GAME AND ROUGH FISH ...Contamination - Water; Environmental Physiology; Industrial Wastes; Pollution Effects -see Water; Water Quality Control -general; ...2.1732

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology; Degradation -see Pesticide Deg; Energy Conversion; Fish; Heat Recovery, Industrial; Induced Temperature; Organic Water Properties; Phytoplankton; Primary Productivity - Plants; ...2.1736

TOXICANTS AND THE EKG AND RESPIRATION OF FISH ...Contamination - Water; Environmental Physiology; Fish; Industrial Wastes; Water Pollutant Identification; ...2.1745

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Catostomidae; Effluents - Waste Water; Manganese; Mining Industry; Pollution Effects -see Water; Sediments; Toxic Minerals; Water Purification; ...2.1746

FISH BEHAVIOR AND PHYSIOLOGY ...Animal Migration; Behavior -vertebrate; Engineering Structures-general; Environmental Physiology; Fish & Shellfish Biology; Motivation and Instinct; Pollution Effects -see Water; Sensory & Perceptual Processes; Thermal Pollution; ...2.1761

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Acid Mine Drainage; Aquatic Ecology - Animal; Bullheads; Environment Resistance-animals; Environmental Physiology; Fish Food Supply -other; Management (water); Pollution Effects -see Water; Water Resources Planning; ...2.1771

PHYSIOLOGICAL EFFECTS OF SUBLETHAL LEVELS OF ACID WATER ON FISH ...Acidity (water); Bullheads; Contamination - Water; Fish & Shellfish Biology; Water Pollution Abatement; ...2.1773

EVALUATE PERFORMANCE OF POULTRY AS AFFECTED BY WATER QUALITY ...Biological Effects; Chlorine; Filtration; Nutrition; Ponds; Water Utilization -animal; West Virginia; ...2.1774

PHYSIOLOGICAL RESPONSES TO THERMAL POLLUTION ...Contamination - Water; Cyprinus Carpio; Energy Conversion; Environmental Physiology; Temperature (water); Thermal Pollution; Urine; ...2.1782

PHYSIOLOGICAL AND BIOCHEMICAL TECHNIQUES TO ASSESS THE EFFECTS OF SUBLETHAL CONCENTRATIONS OF CHEMICAL WATER POLLUTION ON FISH ...Contamination - Water; Environmental Physiology; Fish; Mercury; Pollution Effects -see Water; Water Pollutant Identification; ...2.1783

PHYSIOLOGICAL EFFECTS OF THERMAL POLLUTION ON TROUT ...Contamination - Water; Environmental Physiology; Salmonidae; Temperature (water); Thermal Pollution; ...2.1784

PHYSIOLOGICAL EVALUATION OF TREATED TOXIC WASTES ...Animal Life History Studies; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Gairdneri; Water Pollutant Identification; ...3.0037

UTILIZATION OF FOOD PROCESSING PLANT EFFLUENTS AND THEIR EFFECTS ON SOILS AND CROPS ...Chemical Analysis (water); Food Processing Industries; Mineral Nutrition; Plant Response to Env. -ns; Plant Waste Removal, Treatment, Soil Chemical Properties; ...3.0335

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Surface Active-other; Turbidity (water); ...4.0041

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Moisture; Translocation; Western U. S. ...4.0244

AN INVESTIGATION OF THE EFFECTS OF DDT AND OTHER CHLORINATED HYDROCARBONS ON THE GROWTH OF EURYHALINE MICROALGAE ...Algae -nonspecific; Chlorinated Hydrocarbons; Metabolism of Algacides; Pesticide Formulation; ...4.0337

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Aquatic Ecology - Animal; Estuaries; Invertebrates -nonspecific; Pesticide Action on Animals; Pesticide Tolerance Rate; Pesticides -nonspecific; ...4.0542

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Contamination - Water; Estuaries; Laboratory Animals; Pesticide Interaction With Env; Pesticides -nonspecific Water Quality -general; ...4.0544

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0594

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWLANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Estuaries; Laboratory Animals; Parathion; Spawn Or Nesting Sites; ...4.0653

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ...Captive Rearing; DDT; Estuaries; Heptachlor; Massachusetts; Pesticides -see Pesticide; Pleuronectidae; Spawning -see Fish & Shellfish; ...4.0654

OCCUPATIONAL AND ENVIRONMENTAL HEALTH ...Air Pollution -see Specifics; Food Contamination; Pesticide Toxicity in Humans; Radiation, Low Level; Residues in Foods; Toxicology; Water Pollution -see Specifics; ...4.0658

FIELD STUDIES OF PESTICIDE EFFECTS ON FISHES ...Animal Productivity; Bioassay; Environmental Physiology; Methoxychlor; Pesticide Action on Animals; ...4.0662

EFFECTS OF DISSOLVED OXYGEN, TEMPERATURE AND POTENTIAL TOXICANTS UPON MACROINVERTEBRATES (NON-ARTHROPODS) ...Animal Productivity; Aquatic Ecology - Animal; Clams; Gastropoda; Invertebrate Physiology; Temperature (water); ...4.0680

THE EFFECT OF PESTICIDES ON PRIMARY PRODUCERS IN A FRESHWATER ECOSYSTEM (ABBREV) ...Adenosine Triphosphate; Aroclor; Insecticides -nonspecific; Pesticides -see Pesticide; Phytoplankton; Polychlorinated Biphenyl Cpds.; ...4.0707

FISH REPRODUCTION AS AFFECTED BY ORGANOCHLORINE INSECTICIDES ...Captive Rearing; Chlordan; Dieldrin; Laboratory Animals; Methoxychlor; Pesticide Residues; ...4.0722

CHRONIC TOXICITY OF PESTICIDES TO FISH ...Aroclor; Dieldrin; Ictalurus Punctatus; Lepomis Macrochirus; ...4.0723

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Cell Injury and Autolysis; Fish; Pesticide Action on Animals; Pesticides -nonspecific; Pesticides -see Pesticide; ...4.0726

CONTINUOUS-FLOW BIOASSAY OF PESTICIDES TO EVALUATE THE ACUTE AND CHRONIC EFFECTS OF PESTICIDES TO FRESHWATER INVERTEBRATES (ABBREV) ...Invertebrate Physiology; Laboratory Animals; Pesticide Tolerance Rate; Pesticides -nonspecific; ...4.0737

CENTER FOR THE STUDY OF THE HUMAN ENVIRONMENT ...Air Pollution; Environmental Effects - Human; Pesticides -nonspecific; Pesticides -see Pesticide; Research Facilities; Water Quality -general; ...4.0805

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Aldrin; Dieldrin; Ictaluridae; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...4.0807

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Estuaries; Marine Animals; Pesticide Action on Animals; Pesticide Toxicity in Animals; Physical Models; Pollution Effects -see Water; Sevin; ...4.0825

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Salinity (water); Water Pollutants - Path of; ...4.0826

DEVELOPMENT AND APPLICATION OF QUANTITATIVE CELL CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Bioassays; Cellular Viability; Hydrogen; Water Pollutant Identification; Zinc; ...4.0840

EFFECT OF PESTICIDE RESIDUES ON GAME FISH POPULATIONS ...Animal Life History Studies; Laboratory Animals; Pesticide Action on Animals; Pesticides -see Pesticide; Population Dynamics -general; ...4.0893

CHRONIC TOXICITY OF PESTICIDES TO COLD-WATER FISH ...Animal Pharmacology; Fish; Nutrition; Pesticide Residues; Pesticides -see Pesticide; Shock -animal; ...4.0920

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

Environment

ENVIRONMENTAL POLLUTION TOXICOLOGY OF AIR FORCE MATERIALS ...Air Pollution, Contamination -see Air & Water; Degradation, Propellants; ...1.0411

FOR SEMINARS AND STUDIES ON ENVIRONMENTAL ARTS AND SCIENCES, POPULATION GROWTH, URBANIZATION, POLLUTION, AND RELATED SUBJECTS ...Air Pollution -see Specifics; Environmental Geology; Technology - Social Impact, Urban Research, Water Quality -general; ...1.0478

SALT POLLUTION OF GROUNDWATER ...Artificial Recharge, Fluid Mechanics; Fresh Water; Groundwater Movement; Management (water); Saline Water Intrusion; ...2.0225

THE SIGNIFICANCE AND CONTROL OF WASTEWATER FLOATABLES IN COASTAL WATERS ...Bacterial Pollutant Sources; Chromatography; Coliforms -nonspecific; Effluents - Waste Water; Infrared Spectroscopy; Marine Pollution; Waste Management -see Specific; ...2.0488

INTERACTIONS OF MERCURY WITH AQUATIC AND EDAPHIC ENVIRONMENTS ...Analysis and Detection; Ion Exchange; Mercury; Photosynthesis; Submerged Plants; ...2.0595

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Combustion; Loss Damages - Recreation; Recreation, Water Resources; Ship Wastes; Waste Management -see Specific; Water Chemistry; Water Pollutant Identification; ...2.0906

RESEARCH INITIATION - MIXING AND TRANSFER PROCESSES FOR HEATED EFFLUENTS IN OPEN CHANNEL FLOW ...Channels; Energy Conversion; Flow Characteristics (water); Flume Studies; Heat Flow (water); Physical Models; Thermal Pollution; ...2.1019

NAVY ENVIRONMENT - THE MICROBIOLOGY OF THE MIDDLE SALT LAGOON AS RELATED TO SEWAGE DISPOSAL ...Arctic; Lagoon; Polar Regions; Sewage; Sewage Bacteria; Waste Disposal-see Solid Waste; ...2.1200

FEASIBILITY OF SUBSURFACE LIQUID-WASTE DISPOSAL IN PENNSYLVANIA ...Fluid Dynamics - Migration; Geology - general; Literature Search; Pennsylvania; Waste Disposal, Underground; ...2.1248

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Benthic Organisms -nonspecific; Disposal; Harbors; Industrial Wastes; Marine Biology - General; Marine Pollution; Ocean Dumping; Sea Water Properties; Solid Waste; ...2.1353

RELATIONSHIPS BETWEEN LOGGING ACTIVITIES AND SALMON PRODUCTION ...Aquatic Ecology - Animal; Circulation (water); Environmental Ecology; Sediments; Spawn Or Nesting Sites; ...2.1478

ENVIRONMENTAL STUDY OF PORT PHILLIP BAY ...Algae - nonspecific; Bays; Color (water); Organic Matter; Waste Treatment; Water Quality Control -general; ...2.1485

ECOLOGICAL AND LIMNOLOGICAL IMPACT OF THE CONSTRUCTION AND OPERATION OF PUMP-BACK STORAGE PROJECTS ...Circulation (water); Electric Power Plants; Environmental Aspects; Power Reservoirs; Temperature Or Heat Budgets; Western U. S.; ...2.1509

NAVY ENVIRONMENT - ENVIRONMENTAL EFFECTS OF DEEP WATER ORDNANCE DISPOSAL ...Atlantic Ocean; Consultants, Advisory Services; Marine Biology - General; Marine Pollution; Military Aspects; Ocean Dumping; ...2.1585

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Aquatic Ecology - Animal; Construction Industry; Construction Land Use Effects; Consultants, Advisory Services; Ecological Effects; Pollution Effects -see Water; Systems Analysis - Water Mgmt; ...2.1615

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal; Creel Census; Fish; Lakes; Performance; Power Reservoirs; Temperature (water); Temperature - Air; User Patterns; ...2.1620

ENVIRONMENTAL EFFECTS OF COASTAL ZONE POWER GENERATION ...Animal Habitat Studies; Consultants, Advisory Services; Energy Conversion; Environmental Ecology; Federal Government, North Carolina; Power Development; ...2.1664

HYDROLOGIC INFLUENCES OF STRIP MINING, BEAVER CREEK, KENTUCKY ...Appalachia; Cumberland River; Kentucky, Small Watersheds; Strip Mines; ...2.1670

BOTTOM SLUDGE ACCUMULATION AND OXYGEN DEMAND IN A POLLUTED ESTUARY ...Aquatic Soils, Estuaries, Texas; ...2.1729

PROBLEMS RELATED TO THE EFFECTS OF HEATED DISCHARGES FROM THERMAL POWER PLANTS ...Administrative Organizations; Energy Conversion; Generators, Heat Recovery, Industrial; Power Plants -see Specifics; Thermal Pollution; ...2.1740

IDENTIFYING ENVIRONMENTAL QUALITY ATTRIBUTES IN WATER RESOURCES ...Aquatic Ecology - Animal; Economics - recreation; Land Use, Modification Effects; Recreation, Water Resources, Social Aspects; Water Resources Development; Wilderness Recreation; ...2.1741

SIMULATION MODELING OF ENVIRONMENTAL EFFECTS OF THERMAL GENERATION ...Atomic Plants; Columbia River; Electric Power Plants; Great Lakes -see Specific Lake; Model Studies; Simulation Theory; ...2.1759

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies, Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

COORDINATING THE EFFORTS OF PARTICIPATING AGENCIES IN A STUDY OF ENVIRONMENTAL EFFECTS OF WARM-WATER DISCHARGES INTO THE MISSOURI RIVER ...Biological Effects, Management (water); Missouri River; Thermal Pollution; ...2.1865

A NEW LOOK AT THE OCEAN RECREATION MARKET ...Coastlines - Shorelines, Erosion; Ocean Waves -see Waves; Recreation, Water Resources; Shoreline Structures; Types of Resources; Water Resources Planning; ...2.1924

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology, Bays; Biological Effects, Degradation; Economic Impact; Geophysical Analysis, Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants, Regional Economics; Sedimentation; Types of Resources, Water Quality Control -general; Wisconsin; ...2.1938

NAVY ENVIRONMENT - BIOLOGICAL DEGRADATION OF PESTICIDES IN THE MARINE ENVIRONMENT ...Biodegradation; Herbicides -nonspecific; Marine Pollution; Pesticide Safety Measures; Pesticides -other; ...4.0015

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Lindane; Pesticide Movement in Soils, Pesticide Volatility; Physical Degradation; Silty Soils, Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Animal Wastes - Feed Lots; Economic Efficiency; Erosion; Livestock -nonspecific; Optimization, Economic; Pesticides -nonspecific; Sediments; Welfare Economics; ...4.1013

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americium; Atomic Plants; Krypton; Mammals -nonspecific; Radioactive Pollution -ns; River Basins; Water Pollutants - Path of; ...5.0073

Chemical Effects

FATE OF HARMFUL METALS IN SOIL AND WATER SYSTEMS ...Absorption (incl. Adsorption); Formation Principles; Radioisotopes -nonspecific; Soil Microbiology; Water Pollutant Identification; Water Pollution Sources; ...2.0005

DISTRIBUTION OF ORGANICS FROM SALMON DECOMPOSITION ...Alaska; Carbon; Estuaries; Nitrogen; Organic Matter; Water Pollutants - Path of; ...2.0011

RELATIVE LEACHING RATES OF COMMON NITROGEN CARRIERS FROM SANDY SOILS ...Biological Effects; Eutrophic Lakes; Florida; Nutrients; Sandy Soils -see Soil Type; ...2.0109

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential, Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

POWER PRODUCTION ...Atomic Plants; Density; Effluents - Waste Water; Energy Conversion; Mathematical Models; Reservoirs and Impoundments; Thermal Pollution; ...2.0337

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Drilling Operation; Groundwater; Iron; Pennsylvania; Underground Workings; Water Table; ...2.0340

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff, Agricultural Watersheds; Colorado River; Fertilizers, Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water, Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Chlorine; Fish; Literature Search; Rock - Soil Pollution; Soil Chemical Properties, Soil Saline Properties; Virginia; Water Supply Facilities; ...2.0408

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Boat Discharges; Chemical Analysis (water); Combustion; Environment; Loss Damages - Recreation; Recreation, Water Resources; Ship Wastes; Waste Management -see Specific; Water Chemistry; Water Pollutant Identification; ...2.0906

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch Sewage, Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter, Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

GREAT LAKES ECOLOGY STUDY ...Aquatic Ecology - Animal; Chemical Analysis (water); Ecological Effects; Environmental Ecology; Lakes; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1546

THE PREDICTION AND OPTIMIZATION OF STREAM RESPONSES TO POLLUTANT WASTES ...Mathematical Models; ...2.1643

EFFECTS OF SUGAR REFINING LOGOON EFFLUENTS ON FARGO CLAY ...Biochemical Oxygen Demand; Effluents - Waste Water; Infiltration; Sewage Lagoons; Tillage, Cropping Systems; ...2.1666

FISH AND FOOD ORGANISMS IN MINE ACID WATERS OF PENNSYLVANIA ...Acid Mine Drainage; Alkalinity (water); Behavior -vertebrate; Fish; Physiological Effects; ...2.1691

OCEAN DISPOSAL OF INDUSTRIAL WASTES ...Acidity (water); Disposal Wastes; Industrial Wastes; Mathematical Models; Model Studies; ...3.0101

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

EFFLUENT INFLUENCES OF THE MISSISSIPPI RIVER ON THE CHEMISTRY AND BIOLOGY OF ADJACENT OCEAN SYSTEMS ...Chemical Analysis (water); Chlorinated Hydrocarbons; Effluents - Waste Water; Marine Pollution; Pesticides -see Pesticide; ...4.0022

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Biological Effects; Herbicides and Other Chem; Metabolism of Algacides; Oxygen Content (water); Ponds; Water Quality -general; ...4.0392

Physical Effects

STUDY OF KEY WEST DESALTING PLANT EFFLUENT ...Alkalinity (water); Contamination - Water; Desalination Wastes; Florida; Salinity (water); ...2.0053

ECOLOGY OF WESTERN GULF ESTUARIES ...Animal Habitat Studies; Animal Productivity; Dredging; Estuaries; Management (water); Marine Biology - General; ...2.0384

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality - general; ...2.0395

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water), Waste Water Treatment -general; Water Pollution Sources; ...2.1468

GREAT LAKES ECOLOGY STUDY ...Aquatic Ecology - Animal; Chemical Analysis (water); Ecological Effects; Environmental Ecology; Lakes; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1546

COOLING WATER DISCHARGE PROJECT (RP-49) ...Biological Water Properties; Ecological Effects; Estuaries; Lakes; Synoptic Weather Observations; ...2.1572

MONITOR FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ON LAKE MICHIGAN ...Aquatic Ecology - Animal; Contamination - Water; Fish; Michigan; ...2.1595

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER ...Analysis and Detection; Herbicides -nonspecific, Liquids; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reflection; Soil Fertility; Water; ...2.1618

EFFECT OF ENVIRONMENTAL FACTORS ON DESIGN AND OPERATION OF OPEN-AIR SLUDGE DRYING BEDS ...Dewatering; Disposal; Process Design; Sand Filters; Sewage Testing; ...2.1627

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Animal Wastes - Feed Lots; Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

Water Pollution Sources

FATE OF HARMFUL METALS IN SOIL AND WATER SYSTEMS ...Absorption (incl. Adsorption); Chemical Effects; Formation Principles; Radioisotopes -nonspecific; Soil Microbiology; Water Pollutant Identification; ...2.0005

DOMESTIC WASTE DISCHARGE INTO A SILT LADEN ESTUARY ...Alaska; Chemical Water Properties; Data Reduction and Analysis; Forecasting - Prediction; Silting (water) -see Sediment; Sub - Polar Regions; ...2.0012

TRACE AND TRACER ELEMENTS IN GROUND WATER: PHASE III ...Arizona; Chemical Analysis (water); Groundwater; Industrial Wastes; Lead; Natural Recharge; Soil Chemical Properties; Zinc; ...2.0017

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources; Estuaries; Fish; Marine Animals; Marine Environments; Organics; Radioactivity; Trace Elements; Zinc; ...2.0028

WATERSHED INVESTIGATION, GRASS VALLEY CREEK ...California; Ecological Effects; Sedimentation; Sediments; Spawn Or Nesting Sites; Watersheds; ...2.0047

INVESTIGATIONS OF MINERAL DEPOSITS THAT INFLUENCE WATER QUALITY ...Mine Drainage Control; Mineral Processing Industry; Runoff (water); Water Quality -general; Water Supply - general; ...2.0048

EFFECT OF COPPER SULFATE ON AQUATIC WEEDS ...Alkalinity (water); Canals; Copper Sulfate; Irrigation; Pesticide Application Rates; Pesticide Formulation; Temperature (water); ...2.0060

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers; Carbonates; Chemical Effects; Forecasting - Prediction, Groundwater Movement; Mass Transfer; Nuclear; Petrology; Seismology; Water Pollutants - Path of; ...2.0062

NUTRIENT EXCHANGE IN RIVERS AND LAKES ...Agricultural Watersheds; Eutrophic Lakes; Nutrients; Urban Environment; ...2.0085

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Animal Productivity; Marine Biology - General; Primary Productivity - Plants; ...2.0094

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; Water Quality -general; ...2.0098

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Weather Data; ...2.0100

RURAL RUNOFF CONTROL ...Adsorption; Contamination - Water; Nutrients; Pesticides -nonspecific; Soil Chemical Properties; ...2.0111

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Georgia; Groundwater Movement; Lithology; Natural Recharge; Petrology; Specific Rock Unit; Water Table; ...2.0112

POLLUTION IN HAWAIIAN WATERSHEDS ...Bacterial Pollutant Sources; Biological Water Properties; Chemical Water Properties; Hawaii; Nutrients; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...2.0118

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination - Water; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Pollution Effects -see Water; Primary Productivity - Plants; Sewage; Water Quality -general; ...2.0119

PREPARATION AND EVALUATION OF STARCH DERIVATIVES FOR DETERGENT BUILDERS ...Algae -nonspecific; Chelation & Complexing, Detergent Builders; Home Economics; Polymerization; Water Chemistry; ...2.0126

RADIOACTIVITY IN THE AQUATIC ENVIRONMENT (PART OF A COORDINATED PROGRAMME OF RESEARCH IN MARINE RADIOACTIVITY STUDIES) ...Animal Productivity; Contamination - Water; India; Marine Biology - General; Ocean Currents; Radioactivity; Radioecology - Plants; Salinity; Vertebrates Excl. Man; ...2.0136

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Water Properties; Eutrophic Lakes; Eutrophication; Iowa; Oxygen Content (water); Water Pollutants - Path of; Water Quality Control -general; ...2.0144

DISTRIBUTION AND CYCLE OF RADIONUCLEOTIDES AND RELATED TRACE ELEMENTS IN MARINE ENVIRONMENT ...Atlantic Ocean; Contamination - Water; Italy; Marine Environments; Plankton; Radioactivity; Radioecology - Plants; Trace Elements; ...2.0154

EFFECT OF URBANIZATION ON WATER QUALITY ...Acidity (water); Chlorine; Kansas; Rainfall - Runoff Relationship; Urban Environment; Urban Runoff; Water Quality -general; ...2.0155

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology; Benthic Organisms -nonspecific; Coliforms -nonspecific; Fish Food Organisms; Nutrients; Plankton; Survey Studies (water); Water Properties -general; ...2.0158

THE TRANSIENT BEHAVIOR OF RECHARGE-DISCHARGE AREAS IN REGIONAL GROUND WATER SYSTEMS ...Aquifers; Groundwater Basins; Industrial Wastes; Mathematical Analysis; Recharge (water); ...2.0173

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

ENVIRONMENTAL FACTORS MODIFYING RADIONUCLIDE CONCENTRATION IN TUBIFICIDAE ...Animal Productivity; Aquatic Ecology - Animal; Cesium; Copper; Invertebrate Physiology; Phosphorus; Potassium; Temperature (water); Zinc; ...2.0201

IDENTIFICATION AND ORIGIN OF SEASONAL FOAM IN THE PEARL RIVER RESERVOIR ...Reservoirs and Impoundments; Training Grants, Fellowships; Water Pollutant Identification; ...2.0211

ISOTOPES IN THE BIOSPHERE ...Agricultural Runoff; Cerium; Cobalt; Erosion; Glycine; Iodine; Ovis; Photosynthesis; Radioactive Contamination; Radioecology - Plants; Triticum; ...2.0220

CYANIDE METABOLISM BY MICROORGANISMS ...Aldehydes - nonspecific; Cellular Catabolism-see Degrad; Fungi -nonspecific; Microorganisms -nonspecific; ...2.0231

AN INVESTIGATION OF THE EXTENT AND CAUSE OF EUTROPHICATION OF CANYON FERRY RESERVOIR, MONTANA ...Algae - Cyanophyta; Eutrophication; Missouri River; Nutrients; Reservoirs and Impoundments; Zooplankton; ...2.0232

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Quality -general; Water Reuse; ...2.0237

EUTROPHICATION OF SMALL RESERVOIRS IN THE GREAT PLAINS ...Algae -nonspecific; Chemical Water Properties; Flood Control Reservoirs; Great Plains Province; Nebraska; Physical Water Properties; Temporal Distribution; ...2.0238

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Table; ...2.0240

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography; Forecasting - Prediction; Land Use; New Jersey; River Basins; Urban Environment; Urban Research; Water Utilization -domestic; ...2.0251

TRIBUTARY SURVEY OF LAKES ONTARIO AND ERIE ...Agnatha; Chemical Water Properties; Control of Nuisance Species; Engineering Structures-general; Flow Characteristics (water); Lake Ontario; Salmonidae; Survey Studies (water); ...2.0260

ACCUMULATION OF RADIONUCLIDES BY VERTEBRATES ...Animal Habitat Studies; Aquatic Ecology - Animal; Bothidae; Contamination - Water; Energy Conversion; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Radioactivity; Sciaenidae; Spawn Or Nesting Sites; ...2.0279

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects - see Water; Zinc; ...2.0280

PRODUCTIVITY OF ESTUARINE AND MARINE ECOSYSTEMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Algae -nonspecific; Aquatic Ecology - Animal; Benthic Flora; Cooperative Studies; Estuaries; Gases; Marine Plants; North Carolina; Plankton Sampling; Radioactivity; ...2.0282

SEDIMENT MINERALOGY ...Adsorption Capacity; Animal Productivity; Contamination - Water; Environmental Ecology; Marine Biology - General; Mineralogy; Ponds; Vertical Distribution; Zinc; ...2.0284

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Watersheds; ...2.0288

SOURCE, FATE AND EFFECT OF NUTRIENTS ADDED TO NORTH CAROLINA ESTUARIES ...Estuaries; Industrial Wastes; Nutrients; Water Pollutants - Path of; ...2.0290

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Algal Physiology; Estuaries, Eutrophication; Marine Plants; North Carolina; Phosphorus and Phosphorus Cpds; Phytoplankton; Water Pollutant Identification; ...2.0291

STRIP-MINING AND WATER QUALITY ...Chemical Analysis (water); Mine Wastes; Ohio; Spoil Banks; Strip Mines; Water Quality -general; ...2.0304

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Radiochemical Analysis; Soil Chemical Properties; Water Pollutants - Path of; Water Quality -general; ...2.0314

RADIONUCLIDE CYCLING IN NATURAL POPULATIONS OF AMPHIBIANS ...Amphibians; Aquatic Ecology - Animal; Contamination - Water; Iodine; Manganese; Water Cycle; Zinc; ...2.0331

THE MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Absorbed Load; Chemical Water Properties; Estuaries; Washington; ...2.0339

OPTIMAL RECREATIONAL DEVELOPMENT IN URBAN RIVERINE AREAS ...Costs -see Economics Entries; Industrial Wastes; Optimization, Economic; Reservoirs and Impoundments; Savings and Investment; Urban Environment; Urban Research - general; ...2.0346

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality - general; ...2.0349

A STUDY OF SUSPECTED LEAD POISONING OF SWANS AND GEESE ...Animal Pharmacology; Aquatic Soils; Bird Studies - general; Food Supply; Pathology; Rhode Island; ...2.0355

RADIONUCLIDE MOVEMENT IN GROUNDWATER ...Flow Characteristics (water); Groundwater; Groundwater Movement; Radioisotopes; Seepage (water); Water Pollutants - Path of; ...2.0356

UNDERSTANDING OF THE INFILTRATION OF RAIN INTO BURIED WASTE ...Burial; Leaching; Soil Moisture; Waste Disposal; ...2.0357

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Chlorine; Forecasting - Prediction; Lakes; Mineralogical Water Properties; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.0359

GROUND WATER CONTAMINATION RESULTING FROM WASTE DISPOSAL ...Groundwater; Solid Waste; South Dakota; Water Pollutants - Path of; Water Pollution Effects; ...2.0360

A STUDY TO EVALUATE THE EFFECT OF SILT AND SILT REMOVAL IN A NORTHERN PRAIRIE LAKE ...Aquatic Soils; Eutrophication; Mineralogical Water Properties; Nutrients; Sediments; Silting (water) -see Sediment; ...2.0364

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Data Reduction and Analysis; Geology -general; Hydraulics; Texas; Water Supply -general; Water Wells; ...2.0375

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Baseflow; Fresh Water; Groundwater Basins; Permian Period; Saline Water Intrusion; Seepage (water); Tectonics; ...2.0376

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Pliocene Epoch; Silting (water) -see Sediment; Water Bacteria; ...2.0386

RADIOECOLOGY OF THE KUCUK CEKMECE LAGOON ...Aquatic Ecology - Animal; Biological Effects; Contamination - Water; Energy Conversion; Lagoons; Radioactive Isotopes; Sediments; Water Pollutants - Path of; ...2.0392

BEHAVIOUR OF CERTAIN RADIONUCLIDES IN THE AQUATIC ECOLOGY OF ISMAILIA CANAL ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Canals; Ecological Effects; Radioisotopes; United Arab Republic; ...2.0393

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties; Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of; Water Quality -general; ...2.0400

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Quality Control -general; ...2.0402

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Chlorine; Fish; Literature Search; Rock - Soil Pollution; Soil Chemical Properties; Soil Saline Properties; Virginia; Water Supply Facilities; ...2.0408

COLUMBIA RIVER SEDIMENT STUDIES ...Adsorption Capacity; Estuaries; Nuclear Geochemistry; Sediments; ...2.0416

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Atomic Plants; Columbia River; Energy Conversion; Fish; Periphyton; Phosphorus and Phosphorus Cpds; Zinc; ...2.0420

TOLERANCE AND CYTOLOGICAL RESPONSE OF ALGAE TO MINE WATER ...Acidity (water); Algae -nonspecific; Contamination - Water; Industrial Wastes; Water Pollution Effects; ...2.0430

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Ionic Effect; Sewage; ...2.0434

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Sampling; Types of Resources; Urban Research -general; ...2.0479

TASTES AND ODORS IN WATER SUPPLIES ...Actinomycetes - nonspecific; Algal Pollutant Sources; Nitrogen and Nitrogen Cpds.; Potable Water; Taste & Odor of Water; Water Pollution - see Specifics; Water Quality -general; ...2.0486

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

PHYSICAL CHEMISTRY OF RADIOELEMENTS - RADIOMETRIC METHODS OF ANALYSIS ...Activation Analysis; Analysis and Detection; Chemical Extraction; Gamma Spectroscopy; Ion Exchange; Spectrographic Techniques; ...2.0515

APPLIED ECOLOGICAL STUDY OF SPRING CREEK, FORT COLLINS, COLORADO ...Annelida; Invertebrates -nonspecific; Species Diversity Measurement; Watersheds; ...2.0522

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Gas Chromatography; Mass Spectroscopy; Potable Water; Taste & Odor of Water; ...2.0526

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES Analysis and Detection; Gas Chromatography; Mass Spectroscopy; Microorganisms -nonspecific; Water Bacteria; Water Pollution -see Specifics; ...2.0527

BEHAVIOR OF STREAM INSECTS ...Animal Behavioral Ecology; Animal Habitat Studies; Animal Migration; Aquatic Ecology - Animal; Contamination - Water; Drought - Meteorologic; Environment Resistance-animals; ...2.0529

POLLUTION CONTROL IN THE MARITIME ENVIRONMENT ...Harbors; Marine Pollution; New York; ...2.0533

UPPER ST. JOHNS WATER QUALITY, FLORIDA ...Acidity (water); Florida; Mineralogical Water Properties; Pesticides -see Pesticide; Trace Elements; ...2.0549

ANALYSIS OF IMPURITIES AND THEIR REMOVAL FROM REACTOR COOLING WATER ...Atomic Plants; Energy Conversion; Hungary; Radioisotopes; ...2.0568

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Borehole Geophysics; Burial; Groundwater; Idaho; Isotope Tracer -see Tracers; Radioisotopes; Waste Water - general; ...2.0569

AN INVESTIGATION OF FACTORS INFLUENCING WATER QUALITY IN SOUTH FORK, COEUR D'ALENE RIVER ...Idaho; Water Pollutant Identification; Water Quality -general; ...2.0573

WATER POLLUTION STUDY OF THE WABASH RIVER ...Data Acquisition; Indiana; Industrial Wastes; Model Studies; Urban Environment; Wabash River; Water Quality -general; ...2.0583

TAXONOMY AND PHYSIOLOGY OF PROTOZOA IN CAVE STREAMS AND POOLS ...Animal Distribution; Aquatic Ecology - Animal; Groundwater; Invertebrate Physiology; Optical Properties of Water; Pollution Effects -see Water; Taxonomy -animal; ...2.0600

PHYSICAL AND CHEMICAL CHARACTERISTICS OF MAINE STREAMS AND RIVERS ...Chemical Water Properties; Industrial Wastes; Maine; Physical Water Properties; ...2.0606

NUTRIENT ENRICHMENT AND EUTROPHICATION OF LAKE MICHIGAN ...Algal Physiology; Eutrophic Lakes; Eutrophication; Mineralogical Water Properties; Phytoplankton; ...2.0627

WATER RESOURCES OF RANKIN COUNTY ...Aquifers; Groundwater; Mississippi; Water Supply Augmentation; Water Wells; ...2.0650

ORGANIC NUTRIENT FACTORS AFFECTING ALGAL GROWTH ...Algae - Chlorophyta; Algae - Cyanophyta; Algae - nonspecific; Carbon; Nutrients; Secondary Treatment; ...2.0704

ACCUMULATION OF RADIOACTIVITY BY ORGANISMS IN EXPERIMENTAL MARINE ENVIRONMENTS ...Algae -nonspecific; Aquatic Plants -nonspecific; Chromium; Contamination - Water; Crabs; Environmental Ecology; Fish; Graminease; Iron; Marine Plants; Pollution Effects -see Water; Radioactivity; Zinc; ...2.0705

ADVANCED STUDY OF COASTAL ZONE OCEANOGRAPHIC REQUIREMENTS FOR EARTH RESOURCES TECHNOLOGY SATELLITE ...Coastal Engineering -general; Land Use, Modification Effects; Marine Biology - General; Marine Pollution; Spacecraft Sensory Devices; ...2.0713

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Chemical Water Properties; Contamination - Water; Environmental Influences; Physical Water Properties; Sediments; Water Pollutants - Path of; ...2.0724

DETERMINATION OF TRACE METAL POLLUTANTS IN WATER RESOURCES AND STREAM SEDIMENTS ...Analysis and Detection; Chemical Properties; Sediments; Trace Elements; Water Pollutant Identification; X-ray Spectroscopy; ...2.0727

STUDIES ON AQUATIC MYXOBACTERIA ...Bacterial Classification; Bacterial Population Surveys; Degradation -see Pesticide Deg; Myxobacteria; Plant Habitat Studies; Water Bacteria; Water Quality -general; ...2.0748

MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Adsorption Capacity; Columbia River; Data Reduction and Analysis; Estuaries; Mathematical Models; Radioactivity; Streams; Tides; ...2.0749

DETECTION AND LOCATION OF CONCEALED ABANDONED UNDERGROUND MINES AND ASSOCIATED DRAINAGE BY GEOPHYSICAL AND GEOCHEMICAL TECHNIQUES ...Drainage; Dyes; Geophysical Analysis; Infrared Radiation; Seismology; ...2.0760

AN INVESTIGATION OF ACID MINE DRAINAGE CHEMICAL POLLUTANTS USING LASER-RAMAN AND INFRARED SPECTROSCOPIES ...Acid Mine Wastes; Chemical Analysis (water); Infrared Spectroscopy; Mine Drainage Control; Raman Spectroscopy; Zinc; ...2.0764

THE BIOASSAY OF WATER POLLUTANTS WITH CULTURED MAMMALIAN CELLS ...Bioassay; Detergents -see Surfactants; Pesticide Formulation; Pesticides -nonspecific; Water Pollutant Identification; ...2.0769

SENSITIVITY OF BENTHIC MICROFLORA TO POLLUTION GRADIENTS ...Atomic Plants; Carbon; Energy Conversion; Marine Plants; Rhode Island; Water Pollutant Identification; Water Standards & Baselines; ...2.0773

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Chemical Water Properties; Contamination - Water; Growth; Periphyton; Physiological Effects; Plant Habitat Studies; Sewage; Water Pollutant Identification; ...2.0778

RADIONUCLIDES IN SAVANNAH RIVER ESTUARY AND COASTAL WATERS ...Atlantic Ocean; Circulation (water); Estuaries; Marine Geology; Radioactivity; South Carolina; ...2.0792

INVESTIGATION OF LAKE WATER QUALITY IN EASTERN SOUTH DAKOTA WITH REMOTE SENSING TECHNIQUES ...Aircraft Remote Sensing; Geologic Maps; Lakes; Soil Tillage; Water Depth, Water Levels; Water Quality -general; ...2.0798

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Degradation - see Pesticide Deg; Fishing; Land Use; Relief; South Dakota; Water Supply -general; ...2.0799

GEOHYDROLOGY OF SHALLOW AQUIFERS IN HENRY AND WEAKLEY COUNTIES, TENNESSEE ...Aquifers; Chemical Analysis (water); Geophysical Analysis; Permeability; Tennessee; Water Wells; ...2.0803

MODEL RIVER SYSTEM STUDIES ...Adsorption Capacity; Bed Load; Cobalt; Energy Conversion; Flume Studies; Model Studies; Rubidium; Turbidity (water); ...2.0813

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Analysis and Detection; Element Ratios; Fluid Mechanics; Gulf of Mexico; Lakes; Organic Matter; Tracers; ...2.0823

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algae -nonspecific; Algal Physiology; Contamination - Water; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Plant Physiological Ecology; Plant Species Diversity; Seasonal Distribution; Wisconsin; ...2.0853

GEO-ENVIRONMENTAL AND MINERAL RESOURCES PROGRAM ...Acoustical Properties; Great Lakes -see Specific Lake; Manganese; Ocean Profiles; ...2.0863

TREATMENT OF COAL MINE WATERS TO MEET CURRENT COMMONWEALTH WATER DISCHARGE REQUIREMENTS ...Coal; Pennsylvania; Waste Management -see Specific; Waste Treatment Economics; ...2.0937

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; Water Table; ...2.0986

EVALUATION OF C-14 DATING OF GROUND WATER ...Aquifers; Carbon; Geochemical Analysis (water); Groundwater; Radiologic Warfare; ...2.0992

METHODOLOGY FOR SYNTHESIS AND OPTIMIZATION OF DIFFUSION PATTERNS IN FLOW SYSTEMS ...Dispersion (water); Fluid Mechanics; Optimization, Economic; Tracers; Water Pollutants - Path of; ...2.1011

PHYSIOLOGY OF ACIDOPHILIC BACTERIA OF ACID MINE WATERS ...Acidity (water); Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Ferrobacillus; Heterotrophic Bacteria; Ionic Effect; Thiobacillus; ...2.1036

EFFECT OF CHEMICAL STRUCTURE ON BIODEGRADABILITY OF ORGANIC MOLECULES ...Analysis and Detection; Biodegradation-see Degradation; Degradation; Microorganism-see Cell. Catab.; Organic Water Properties; ...2.1065

OPTIMUM ECOLOGICAL DESIGNS FOR ESTUARINE SYSTEMS OF NORTH CAROLINA ...Animal Productivity; Cellular Catabolism-see Degrad; Estuaries; Microorganisms -nonspecific; Plankton; Plant Productivity -general; Ponds; Primary Productivity - Plants; ...2.1069

MOVEMENT OF RADIONUCLIDES IN THE LOWER COLUMBIA RIVER ...Absorbed Load; Channels; Chemical Water Properties; Estuaries; Mineralogical Properties; Streams; Tides; Water Pollutants - Path of; ...2.1086

WASTE DISPOSAL BY HYDRAULIC FRACTURING ...Drilling and Coring; New York; Radioisotopes; Recovery - Production; Seismology; Waste Disposal, Underground; ...2.1105

FEASIBILITY OF THE USE OF LOCAL SOILS AS ION EXCHANGE MATERIALS FOR DISPOSAL OF LIQUID RADIOACTIVE WASTE INTO THE GROUND ...Burial; Energy Conversion; Ion Exchange; United Arab Republic; Waste Disposal, Underground; ...2.1110

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

NUTRIENT REMOVAL FROM AGRICULTURAL WASTE WATER ...Algae -nonspecific; Drainage; Groundwater; Nutrients; ...2.1176

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Foreign Agriculture; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Sewage; Water Pollution Abatement; Water Quality -general; ...2.1196

INVESTIGATION OF AMPHIPATHIC WATER-SOLUBLE POLYMERS AS FLOCCULANTS AND FLOTATION AIDS IN DOMESTIC WASTEWATER TREATMENT ...Additives; Electrochemistry; Flocculation; Flotation; Sewage - Domestic; Surfactants -see Detergents; Waste Water Treatment -general; ...2.1209

MEASUREMENT OF ACTIVE BIOMASS CONCENTRATIONS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Cellular Physiology- Env. Eff.; Industrial Wastes; Sewage - Domestic; Waste Management -see Specific; ...2.1237

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Geochemical Analysis (water); Idaho; Quaternary Period; Structural Analysis - Geology; Tertiary Period; Water Cycle; Water Storage; ...2.1240

EFFECTS OF DOMESTIC POLLUTION ABATEMENT ON A EUTROPHIC LAKE ...Biological Water Properties; Chemical Water Properties; Eutrophic Lakes; Physical Water Properties; Water Pollution Abatement; ...2.1267

TREATMENT OF AQUEOUS AGRICULTURAL WASTES FOR CLEAN WATER AND FOR MICROBIAL PROTEIN PRODUCTION ...Aeration (water); Biochemical Oxygen Demand; Farm Animal Wastes; Microorganisms -nonspecific; Product Development Research; Surface Active-other; ...2.1271

LIMNOLOGICAL INVENTORY OF IOWA LAKES AND STREAMS ...Annelida; Aquatic Soils; Commercial Fishing; Fish Farming; Ictalurus Punctatus; Lake Deposits; Ponds; Stocking of Fish & Shellfish; Tertiary Treatment; Water Depth, Water Levels; ...2.1272

USE OF LIME-SODA ASH SLUDGE FOR THE TREATMENT OF MUNICIPAL WASTEWATER ...Disposal; Lime Treatment; Sewage - Domestic; Waste Treatment Economics; ...2.1275

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...2.1331

REUSE OF WATER, DALLAS PROJECT ...Potable Water; Water Reuse; Water Standards & Baselines; ...2.1362

ELECTRODIALYSIS TREATMENT OF SECONDARY EFFLUENT ...Demineralization; Fluid Mechanics; Pilot Plants; Waste Water Treatment -general; Water Reuse; ...2.1380

ACID MINE DRAINAGE PILOT PLANT EVALUATION ...Acid Mine Drainage; Acid Mine Wastes; Pilot Plants; ...2.1398

STUDY OF THE USE OF INERT GASES TO ELIMINATE ACID POLLUTION FROM ABANDONED DEEP MINES ...Acid Mine Wastes; Mine Atmosphere Conditions; Mine Hydrology; Pressure - Density; Underground Workings; ...2.1399

ENVIRONMENTAL CONTROL RESEARCH CONTROL TECHNIQUES, FIELD TESTING, AND EVALUATION ...Acid Mine Drainage; Chemical Analysis (water); Data Acquisition; Effluents - Waste Water; Mine Drainage Control; Mining Industry; ...2.1401

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Reuse; Water Wells; ...2.1431

REDUCTION OF RADIOISOTOPES IN HANFORD REACTOR EFFLUENTS ...Atomic Plants; Effluents - Waste Water; Energy Conversion; Nuclear Power; Nuclear Reactors; Radioactive Isotopes; ...2.1445

COMBINED STEEL MILL AND MUNICIPAL WASTEWATERS TREATMENT ...Industrial Wastes; Iron and Steel Industry; Ohio River; Rainfall - Runoff Relationship; Sewage - Domestic; Sewage Treatment Plant; Water Standards & Baselines; ...2.1454

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; ...2.1468

FACTORS INFLUENCING THE PRODUCTION OF PLANKTONIC AND BENTHIC PLANTS ...Algal Physiology; Chemical Water Properties; Effluents - Waste Water; Nutrients; Optical Properties of Water; Phytoplankton; Plant Succession; ...2.1473

NAVY ENVIRONMENT - AVOIDANCE AND CONTROL OF THE EFFECTS ON MEN & MARINE LIFE OF TOXIC RED TIDES INITIATED BY LOCAL POLLUTION OF THE SEA ...Algae -nonspecific; Algal Physiology; Algal Toxins; Contamination - Water; Environmental Influences; Marine Plants; Water Pollution -see Specifics; ...2.1493

MICROBIOLOGICAL INVESTIGATIONS ...Algal Pollutant Sources; Construction Materials; Corrosion, Deterioration; Fungal Pollutant Sources; Microorganisms -nonspecific; Taxonomy -plant; ...2.1511

WATER TEMPERATURE AS A QUALITY FACTOR IN THE USE OF STREAMS AND RESERVOIRS ...Animal Habitat Studies; Dispersion (water); Meteorological Studies; Temperature (water); Thermal Pollution; ...2.1514

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ...Acidity (water); Captive Rearing; Contamination - Water; Environmental Influences; Fish Food Organisms; Mollusca; Pesticide Toxicity to Microorg; Pollution Effects -see Water; Temperature (water); ...2.1517

BENTHIC COMMUNITIES ...Animal Habitat Studies; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Depth (water); Engineering Structures-general: Estuaries; Marine Environments; Ocean Coring and Dredging; Salinity (water); Spoil Banks; ...2.1525

GREAT LAKES ECOLOGY STUDY ...Aquatic Ecology - Animal; Chemical Analysis (water); Ecological Effects; Environmental

Ecology; Lakes; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1546

EFFECTS OF FEEDLOT RUNOFF ON FISH FOOD ORGANISMS IN THE COTTONWOOD RIVER ...Agricultural Runoff; Aquatic Ecology - Animal; Bottom Sampling; Fish and Shellfish; Industrial Wastes; Kansas; Water Pollutant Identification; ...2.1588

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Animal Pollutant Sources; Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; ...2.1569

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Iodine; Ma-222; Pesticides -see Pesticide; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

EFFECTS OF LIMNOLOGICAL FACTORS ON UPTAKE OF 137CS BY FISH ...Acidity (water); Analysis of Variance; Aquatic Ecology - Animal; Chemical Analysis (water); Lakes; Organic Water Properties; Regression Analysis; ...2.1593

MULTIPLE SCLEROSIS AND THE QUALITY OF DRINKING WATER ...Impaired Water Use; Physiological Effects; Sanitation; Water Pollution -see Specifics; ...2.1598

EFFECT OF WATER POLLUTANTS AND WATER QUALITY ON EARLY LIFE HISTORY AND POPULATION DYNAMICS OF MINNESOTA FISHES ...Animal Life History Studies; Contamination - Water; Fish Food Organisms; Minnesota; Pollution Effects -see Water; Pulp and Paper Wastes; Temperature (water); ...2.1606

A SYSTEMS APPROACH FOR THE STUDY AND CONTROL OF FACTORS AFFECTING WATER POLLUTION ...Literature Search; Model Studies; Optimization, Economic; River Basins; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Quality Control -general; ...2.1610

WATER QUALITY SURVEYS ...Animal Productivity; Missouri; River Basins; Water Pollution Effects; Water Quality -general; ...2.1622

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Gastropoda; Mollusca; Physical Water Properties; Taxonomy -animal; ...2.1625

POLLUTION INVESTIGATIONS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Environmental Physiology; Fish; Law Enforcement; ...2.1625

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Aquatic Ecology - Animal; Atomic Absorption; Geochemical Analysis (water); Lead; Precipitation; Water Pollution Effects; Water Purification; Zinc; ...2.1626

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Contamination - Water; Fish; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Zinc; ...2.1628

STUDY OF POSSIBLE EFFECTS OF STRIP COAL MINING ON THE HYDROLOGICAL REGIMEN IN EASTERN MONTANA ...Coal; Groundwater; Mine Wastes; Montana; Rainfall - Runoff Relationship; Soil Tillage; Water Storage; ...2.1630

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Temperature (water); ...2.1662

HYDROLOGIC INFLUENCES OF STRIP MINING, BEAVER CREEK, KENTUCKY ...Appalachia; Cumberland River; Kentucky; Small Watersheds; Strip Mines; ...2.1670

LITERATURE RESEARCH ON WATER QUALITY REQUIREMENTS AND TOXICOLOGY OF FISHES ...Contamination - Water; Fish; Marine Animals; Russia; Water Quality -general; ...2.1679

AN EXPANDED PROGRAM OF RESEARCH IN FRESHWATER ECOLOGY ...Animal Habitat Studies; Aquatic Ecology - Animal; Energy Budgets; Environment Resistance-animals; Fresh Water; Pollution Effects -see Water; ...2.1689

EVALUATION OF FACTORS AFFECTING SPAWNING OF DALE HOLLOW WHITE BASS ...Aquatic Ecology - Animal; Environmental Physiology; Mining Industry; Pollution Effects -see Water; Spawn Or Nesting Sites; Temperature (water); ...2.1714

COAL STRIP MINE WATERSHED DEMONSTRATION--JACKSON COUNTY, ALABAMA ...Alabama; Coal; Strip Mines; Water Pollution Effects; Water Quality -general; ...2.1715

EFFECTS OF WATER POLLUTION ON ZOOPLANKTON ...Cladocera; Copepoda; Insecticides -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; ...2.1717

COAL STRIP MINE WATERSHED STUDY ...Alabama; Coal; Data Acquisition; Engineering Structures-general; Pollution Effects -see Water; Soil Tillage; Strip Mines; Water Quality -general; Watersheds; ...2.1719

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Zinc; ...2.1720

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Currents (water); Engineering Structures-general; Mapping; Shoreline Geomorphology; Structural Mechanics; Surveying; Utah; Waves -see Ocean Waves; ...2.1738

BIOLOGY OF ANADROMOUS ALOSIDS ...Aging; Contamination - Water; Embryology -basic; Fish & Shellfish Biology; Marine Animals; Spawn Or Nesting Sites; Virginia; ...2.1748

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...Algae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Effluents - Waste Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; ...2.1752

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants; Filtration; Model Studies; Power Plants - see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; ...2.1756

EFFECTS OF MODIFICATIONS ON THE COLUMBIA RIVER ...Animal Productivity; Benthic Fauna; Commercial Fishing; Electric Power Plants; Environmental Ecology; Salmo Gairdneri; Thermal Pollution; ...2.1758

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

A SYSTEM APPROACH FOR INTEGRATING GROUNDWATER AND SURFACE-WATER USE ...California; Groundwater; Systems Analysis - Water Mgmt; Waste Water Treatment - general; Water Quality -general; Water Utilization -general; ...2.1787

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Standards & Baselines; ...2.1792

NATIONAL AND ENVIRONMENTAL HAZARDS, DISORDERS, ENVIRONMENTAL QUALITY ...Drought - Meteorologic; Floods; Glaciology; Recreation, Water Resources; Seismology; Urban Environment; Urban Research -general; ...2.1799

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Economic Efficiency; Legal Review; Management (water); Model Studies; Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Florida; Legal Studies; Mississippi; Recreation, Water Resources; South Carolina; State Government; ...2.1815

ECONOMIC EVALUATION OF THE EFFECT OF SELECTED CROP PRACTICES ON NON-AGRICULTURAL USES OF WATER ...Agricultural Studies -general; Costs -see Economics Entries; Mathematical Models; Optimization, Economic; Sediments; Water Costs; Water Quality -general; ...2.1828

ADAPTIVE CONTROL THEORY APPLIED IN A CLASS OF DYNAMIC POLLUTION PROBLEMS ...Effluents - Waste Water; Waste Treatment; Water Pollution -see Specifics; Water Quality Control -general; ...2.1872

COMMUNITY REACTIONS TO WATER RESOURCES PROBLEMS IN RELATION TO PLANNING ...Community - Social Studies; Floods; Social Aspects; Urban Environment; Urban Planning; Water Resources Planning; Water Supply -general; ...2.1895

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

VEGETATIVE RECLAMATION OF IRON MINE WASTES ...Copper; Erosion; Gramineae -other; Leguminosae; Mine Wastes; Soil Chemical Properties; Soil Fertility; Soil Moisture; ...3.0029

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; ...3.0040

CLAY-WATER SYSTEMS IN RELATION TO ENGINEERING PROPERTIES OF CLAY MATERIALS ...Clay Soils; Infiltration; Mass Wasting, Geological; Septic Tanks; Size; Suburban Areas; Urban Research -general; ...3.0050

STUDY OF COST FOR RE-USING MUNICIPAL WASTE FLOWS IN SELECTED TEXAS CITES ...Texas; Urban Environment; Water Reuse; ...3.0055

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Agricultural Runoff; Farm Animal Wastes; Irrigation; Taste & Odor of Water; Waste Treatment Economics; ...3.0060

WATER AND WASTE MANAGEMENT (MUST) ...Cold Climates; Hospitals; Sanitation; Waste Disposal-see Solid Waste; Water Quality Control -general; Water Supply Development; ...3.0064

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

BIOPOLYMERS AND POLYMER-PRODUCING MICROORGANISMS IN ACTIVATED SLUDGE ...Activated Sludge; Food Processing Wastes; Microorganisms -nonspecific; Sewage - Domestic; Soil Bacteria; Waste Treatment Economics; ...3.0127

UTILIZATION OF FLORIDA PHOSPHATE SLIMES ...Acid Mine Wastes; Ceramics; Fresh Water; Phosphorus and Phosphorus Cpds; Sediments; Waste Material Recovery; Water Reuse; ...3.0128

FEASIBILITY OF REGIONAL UTILITIES FOR MANAGEMENT OF INDUSTRIAL AND MUNICIPAL WASTES ...Finance -see Economics Entries; Industrial Wastes; Public Utilities; Urban Research -general; Waste Treatment; Water Standards & Baselines; ...3.0190

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

REMOVAL OF PHOSPHATE FROM WATER BY ALUMINUM AND IRON ...Adsorption; Chemical Treatment (water); Coagulation; Diffraction; Precipitation; Sewage; Water Chemistry; ...3.0218

ECONOMIC OPTIMIZATION OF SECONDARY TREATMENT AND DETERMINATION OF LOAD TO CONTROL BIOLOGICAL GROWTHS IN A STREAM ...Aeration (water); Lagoon; Optimization, Economic; Secondary Treatment; Waste Treatment Economics; ...3.0336

LAGOONS FOR DAIRY FARMS ...Animal Wastes - Feed Lots; Bacterial Studies -general; Cellular Catabolism-see Degrad; Farm Animal Wastes; Lagoon; Temperature - Air; Waste Water Treatment -general; Water Reuse; ...3.0338

TAILINGS DISPOSAL SYSTEM (EFFECT OF DAM DESIGN ON/EFFLUENT QUALITY, SUBSTRATA STUDIES, SURFACE & SUBSURFACE DISPOSAL) ...Dams -general; Economic Mineral Appraisals; Land Use; Mine Structures; Mine Wastes; Waste Disposal, Underground; Water Pollution Effects; ...3.0340

CHEMICAL PULPING AND BLEACHING ...Air Pollution-chemistry; Electrolytic; Industrial Pollution -general; Materials -properties; Pulp and Paper Wastes; Reduction Reactions; Water Chemistry; ...3.0351

TREATMENT AND UTILIZATION OF WASTES ...Algae -nonspecific; Farm Animal Wastes; Industrial Wastes; Nutrients; Product Development Research; Waste Water Treatment - general; ...3.0393

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas; Urban Environment; ...4.0065

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Population Dynamics - general; Water Pollutants - Path of; ...4.0752

BEHAVIOR OF DILUTE SOLUTIONS OF MERCURIC SALTS ...Catalysts; Mechanism Determination; Mercury; Oxidation; Reduction Reactions; Thermodynamics -biophysics; Toxicology; ...4.0779

DETERMINATION OF U-235 ENRICHMENT IN UNIRRADIATED URANIUM BEARING STREAMS ...Radioactive Isotopes; Uranium; Water Quality Control -general; X-ray Spectroscopy; ...5.0002

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; ...5.0036

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Burial; Cooperative Studies; Ecological Effects; Estuaries; Marine Biology - General; Marine Environments; Radioactive Fallout; ...5.0059

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL INFORMATION PROCESSING, STORAGE, AND RETRIEVAL. ...Applied Climatology; Chemical Water Properties; Data Reduction and Analysis; Electric Power Plants; Information Science; Information Systems; Thermal Pollution; ...5.0072

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL ASPECTS OF RADIOLOGICAL DISCHARGES ...Americum; Atomic Plants; Environment; Krypton; Mammals - nonspecific; Radioactive Pollution -ns; River Basins; Water Pollutants - Path of; ...5.0073

THE MOVEMENT OF TRITIUM IN SOIL-WATER SYSTEMS ...Hydrogen; Iodine; Soil Analysis; Soil Moisture; ...5.0078

BEHAVIOUR OF RADIONUCLIDES IN MARINE BIOTA IN CONNECTION WITH THEIR ENVIRONMENT ...Contamination - Water; Developmental Biology -general; Japan; Marine Biology - General; Radioactivity; Radioisotopes -nonspecific; ...5.0331

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; ...5.0541

COLUMBIA RIVER STUDIES, 1970-1971 ...Atomic Plants; Columbia River; Energy Conversion; Ionizing Radiation -see Rad.; Ostreidae (oyster); Pollution Effects -see Water; Temperature (water); Zinc; ...5.0762

RADIATION SAMPLING IN ANTARCTICA ...Antarctica; Atomic Plants; Energy Conversion; Nuclear Reactors; Spectrographic Techniques; Waste Disposal; ...5.0810

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate, Dose Fractionation; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies - general; ...5.0881

RADIOCHEMICAL METHODS AND MEASUREMENTS ...Atomic Plants; Contamination - Water; Radioactive Contamination; Radioisotopes -nonspecific; Radiologic Health; Reactor Sites & Rad Waste; ...5.0908

ULTRA LOW LEVEL RADIONUCLIDE ANALYSIS ...Analysis and Detection; Chemical Analysis (water); Detectors and Sensors; Gamma Spectroscopy; Ion Exchange; Organic Matter; Trace Elements; ...5.0919

MECHANISMS OF ENVIRONMENTAL EXPOSURE ...Atomic Plants; Columbia River; Environmental Effects - Human; Radiologic Health; Washington; Zinc; ...5.0958

RADIATION INSTRUMENTATION - RADIOLOGICAL CHEMISTRY ...Radiologic Health; Spectrographic Techniques; ...5.0963

Acid Mine Drainage

THE LIMNOLOGY OF LAKES FORMED BY BAUXITE STRIP-MINING OPERATIONS ...Aquatic Plants -nonspecific; Biological Effects; Iowa; Lakes; Oklahoma; Population Dynamics -general; Strip Mines; ...2.0024

DRAINAGE OF PENNSYLVANIA ANTHRACITE MINES ...Data Acquisition; Local Stratigraphy; Mine Hydrology; Structural Analysis - Geology; ...2.0093

WATER POLLUTION AND ITS CONTROL BY MICROBIAL METABOLIC ACTIVITIES ...Cellular Metabolism - Controls; Chemical Effects; Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; Sulfur Bacteria; Water Quality Control -general; ...2.0160

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Aquifers; Chemical Water Properties; Drilling Operation; Groundwater; Iron; Pennsylvania; Underground Workings; Water Table; ...2.0340

ACID MINE DRAINAGE - PILOT PLANT EVALUATION ...Aeration (water); Core Analysis; Microorganisms -nonspecific; Model Studies; ...2.0345

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Agricultural Runoff; Climates -general; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality -general; ...2.0349

REMOVAL OF DISSOLVED CONTAMINANTS FROM MINE DRAINAGE ...Acid Mine Wastes; Mining Industry; Precipitation; Waste Water Treatment -general; ...2.0403

ACID MINE POLLUTION ...Biological Water Properties; Catostomidae; Mining Industry; Physical Water Properties; Rehabilitation -streams -lakes; Sediments; Strip Mines; Water Pollution Abatement; ...2.0409

MICROBIOLOGY OF ACID DRAINAGE FROM COAL MINES ...Bacterial Population Surveys; Biological Control; Ferrobacillus; Heterotrophic Bacteria; Thiobacillus; ...2.0432

MINING OPERATIONS FOR THE REDUCTION OF HARMFUL DRAINAGE FROM UNDERGROUND COAL MINES ...Coal; Mine Engineering; Survey Studies (water); Underground Workings; Water Pollution Abatement; Water Resources Protection; ...2.0433

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Alkalinity (water); Automatic Data Aquisition; Chemical Water Properties; Mine Drainage Control; Mineralogical Water Properties; Ohio; Water Properties -general; Zinc; ...2.0733

CHARACTERISTICS OF DRAINAGE FROM DEEP BITUMINOUS COAL MINES IN WESTERN PENNSYLVANIA ...Bituminous; Data Reduction and Analysis; Pennsylvania; Waste Water Treatment -general; ...2.0751

EVALUATION OF PYRITIC OXIDATION BY NUCLEAR METHODS ...Autotrophic Bacteria; Cellular Catabolism-see Degrad; Mechanism Determination, Oxidation; ...2.0758

FORMATION OF DENSE SETTLED SLUDGE BY LIME - TREATMENT OF SYNTHETIC ACID MINE DRAINAGE ...Acid Mine Wastes; Lime Treatment; Neutralization; Oxidation; Waste Water Treatment -general; ...2.0934

FACTORS AFFECTING MINE DRAINAGE AND THE GROUND WATER INTERACTIONS IN SELECTED AREAS OF WESTERN PENNSYLVANIA (PART 2) ...Aquifers; Chemical Analysis (water); Groundwater; Groundwater Movement; Pennsylvania; Strip Mines; ...2.0938

PRE AND POST-IMPROVEMENT LIMNOLOGICAL ANALYSES AND FISH POPULATION EVALUATIONS OF CERTAIN STRIP-MINE LAKES IN SE KANSAS ...Aquatic Ecology - Animal; Chemical Water Properties; Ictalurus Punctatus; Lakes; Lime Treatment; Neutralization; Population Dynamics -general; Stocking of Fish & Shellfish; ...2.1027

INORGANIC SULFUR OXIDATION BY IRON-OXIDIZING BACTERIA ...Alkalinity (water); Bacterial Pollutant Sources; Coal; Iron Bacteria; ...2.1068

COMPARATIVE STUDY OF PHYTOPLANKTON IN NEW AND RECLAIMED ACID MINE DRAINAGE PONDS ...Acidity (water); Algal Physiology; Alkalinity (water); Mine Drainage Control; Oxygen Content (water); Plant Freshwater Ecology; Rehabilitation -streams -lakes; Waste Water Treatment -general; ...2.1079

THE RECOVERY RATE OF AQUATIC COMMUNITIES OF STREAMS RECEIVING ACID MINE DRAINAGE ...Benthic Fauna; Industrial Wastes; Mining Industry; Physiological Effects; Rehabilitation -streams -lakes; Sewage; ...2.1119

REVERSE OSMOSIS DEVELOPMENT FOR ACID MINE DRAINAGE CONVERSION ...Acid Mine Wastes; Pilot Plants; Reverse Osmosis; Spiral Wound Membranes; Waste Treatment Economics; Water Reuse; West Virginia; ...2.1225

MICROBIAL MEDIATION IN GENERATION OF ACID MINE WASTES ...Biological Water Properties; Cellular Bioeynthesis; Chemical Water Properties; Mineralogical Water Properties; ...2.1298

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Algae -nonspecific; Chlorophyll; Neutralization; Organic Waste -see Waste Treat; Rehabilitation -streams -lakes; Strip Mines; Waste Water Degradation; Waste Water Treatment -general; ...2.1319

ABATEMENT OF MINE DRAINAGE POLLUTION BY REVERSE OSMOSIS ...Acid Mine Wastes; Pilot Plants; Process Design; Reverse Osmosis; Waste Water Treatment -general; Water Pollution Abatement; Wisconsin; ...2.1392

DEVELOPMENT AND OPTIMIZATION OF THE LIMESTONE TREATMENT OF MINE DRAINAGE ...Acid Mine Wastes; Drainage; Lime Treatment; Limestone-general; Optimization, Economic; Process Design; Waste Treatment Economics; ...2.1394

CHEMICAL TREATMENT OF ACID MINE DRAINAGE ...Acid Mine Wastes; Chemical Treatment -general; Mining Industry; ...2.1396

ACID MINE DRAINAGE PILOT PLANT EVALUATION ...Acid Mine Wastes; Pilot Plants; Water Pollution Sources; ...2.1398

ENVIRONMENTAL CONTROL RESEARCH CONTROL TECHNIQUES, FIELD TESTING, AND EVALUATION ...Chemical Analysis (water); Data Acquisition; Effluents - Waste Water; Mine Drainage Control; Mining Industry; Water Pollution Sources; ...2.1401

IMPROVED EXTRACTION SYSTEM - WATER CONTROL - CONTROL TECHNIQUES, FIELD TESTING AND EVALUATION ...Analytical Instruments; Coal; Data Acquisition; Geology - general; Mine Atmosphere Conditions; Soil Tillage; ...2.1402

A DEMONSTRATION OF A NEW MINING TECHNIQUE TO PREVENT THE FORMATION OF MINE ACID IN AN ACTIVE DEEP COAL MINE ...Coal; Explosions - Fires; Mine Drainage Control; Mine Hydrology; ...2.1450

ACID MINE POLLUTION EFFECTS ON LAKE BIOLOGY ...Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Lakes; Mining Industry; Physical Water Properties; Waste Water Treatment -general; ...2.1551

RECOVERY FROM ACID POLLUTION IN FOUR STRIP-MINE LAKES ...Animal Productivity; Biological Water Properties; Energy Budgets; Lake Stages; Physical Water Properties; Primary Productivity - Plants; Strip Mines; ...2.1617

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Ecological Effects; Environment Resistance-animals; Heat Recovery, Industrial; Photosynthesis; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

CYTOPATHOLOGY IN FISH EXPOSED TO STREAM POLLUTANTS ...Ecological Effects; Fish Hatcheries; Physiological Effects; Salvelinus; ...2.1690

FISH AND FOOD ORGANISMS IN MINE ACID WATERS OF PENNSYLVANIA ...Alkalinity (water); Behavior -vertebrate; Chemical Effects; Fish; Physiological Effects; ...2.1691

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Aquatic Ecology - Animal; Bullheads; Environment Resistance-animals; Environmental Physiology; Fish Food Supply -other; Management (water); Pollution Effects -see Water; Water Resources Planning; ...2.1771

MICRO-ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER ...Acidity (water); Forecasting - Prediction; Induced Temperature; Lower Plants; Phytoplankton; Primary Productivity - Plants; Thermal Pollution; ...2.1772

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment -general; ...2.1775

Algal Pollutant Sources

ATMOSPHERIC CONSTITUENTS OF THE TERRESTRIAL-TYPE PLANETS ...Algae - Cyanophyta; Environmental Influences; Gases; Pesticides -nonspecific; Space Medicine - Exobiology; Weather - Physical Properties; ...1.0345

DYNAMICS OF ALGAE POPULATIONS IN FARM FISH PONDS ...Algae - Cyanophyta; Farm Pond; Lower Plants; Phytoplankton; Seasonal Distribution; Taxonomy -plant; ...2.0001

BLUE-GREEN ALGAE AS A SOURCE OF WATER CONTAMINATION ...Algae - Cyanophyta; Algal Toxins; Arizona; Range Or Territorial Distr.; Taxonomy -plant; ...2.0015

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Elevation Levels, Altitude; Erosion; Forest Watersheds; Mineralogical Water Properties; Oligotrophic Lakes; Optical Properties of Water; Recreation, Water Resources; Temperature Or Heat Budgets; Turbidity (water); ...2.0032

ALGAE DEGRADATION IN WATERWAYS ...Algae -nonspecific; Contamination - Water; Environmental Influences; Light; ...2.0043

PREPARATION AND EVALUATION OF STARCH DERIVATIVES FOR DETERGENT BUILDERS ...Algae -nonspecific; Chelation & Complexing; Detergent Builders; Home Economics; Polymerization; Water Chemistry; ...2.0126

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Analysis (water); Environmental Influences; Eutrophication; Iowa; Nutrients; Water Pollutant Identification; Water Standards & Baselines; ...2.0143

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control -general; ...2.0166

EUTROPHICATION - REMOVAL OF NUTRIENTS - SHAGAWA LAKE ...Denitrification -see Nitrogen; Eutrophication; Minnesota; Pilot Plants; Trickling Filters; Water Standards & Baselines; ...2.0203

AN INVESTIGATION OF THE EXTENT AND CAUSE OF EUTROPHICATION OF CANYON FERRY RESERVOIR, MONTANA ...Algae - Cyanophyta; Eutrophication; Missouri River; Nutrients; Reservoirs and Impoundments; Zooplankton; ...2.0232

EUTROPHICATION OF SMALL RESERVOIRS IN THE GREAT PLAINS ...Algae -nonspecific; Chemical Water Properties; Flood Control Reservoirs; Great Plains Province; Nebraska; Physical Water Properties; Temporal Distribution; ...2.0238

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Erosion; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

THE AUTECOLOGY OF SOME BLUE-GREEN PLANKTON ALGAE ...Algae - Cyanophyta; Algal Physiology; Environmental Influences; Eutrophication; Lower Plants; Primary Productivity - Plants; ...2.0325

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

EUROPHICATION - PHYSICAL ECOLOGICAL CONTROL ...Algae -nonspecific; Chemical Water Properties; Cultural Control; Environmental Influences; Eutrophication; Physical Water Properties; Stratification (water); Water Quality Control -general; ...2.0334

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algae -nonspecific; Algal Physiology; Environmental Influences; Eutrophication; Lake Stages; Physical Control; Stratification (water); Washington; Water Supply Augmentation; ...2.0429

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algae - Cyanophyta; Chelation & Complexing; Detergent Builders; Mineralogical Water Properties, Phosphorus and Phosphorus Cpds, Water Chemistry; Wisconsin; ...2.0441

TASTES AND ODORS IN WATER SUPPLIES ...Actinomycetes - nonspecific; Nitrogen and Nitrogen Cpds.; Potable Water; Taste & Odor of Water; Water Pollution -see Specifics; Water Quality - general; ...2.0486

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Air - Sea Boundary Studies; Atomic Absorption; Bays; Degradation -see Pesticide Deg; Hawaii; Marine Pollution; Organic Matter; Water Pollutant Identification; ...2.0567

POTENTIAL ALGAL PRODUCTIVITY AS MEASURED BY A TURBIDOSTAT ...Algae -nonspecific; Analysis and Detection; Nutrients; Primary Productivity - Plants; Turbidity (water); ...2.0625

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

EVALUATION OF SOME ENVIRONMENTAL CONDITIONS CAUSING ALGAL BLOOMS ...Algae - Chrysophyta-cf Diatoms; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Eutrophication; ...2.0686

THE RELATION OF ESTUARINE ALGAE TO WATER QUALITY ...Algae -nonspecific; Aquatic Distribution; Estuaries; North Carolina; Plankton Sampling; Range Or Territorial Distr.; ...2.0709

DISSOLVED INORGANIC REMOVAL BIOASSAY OF ALGAL GROWTH POTENTIAL ...Algae -nonspecific; Cellular Metabolism - Controls; Nitrogen and Nitrogen Cpds.; Tertiary Treatment; ...2.0718

CLADOPHORA AS RELATED TO POLLUTION IN WESTERN LAKE ERIE ...Algae - Chlorophyta; Contamination - Water; Lower Plants; Mulches; Product Development Research; ...2.0726

EFFECT OF IMPOUNDMENTS ON WATER QUALITY ...Data Reduction and Analysis; Nutrients; Pre-impoundment Sites; Reservoirs and Impoundments; Water Quality -general; ...2.0735

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; Sewage; ...2.0848

INVESTIGATIONS OF ALGAE INHIBITING MATERIALS ...Algacides -nonspecific; Biological; Coatings -see Materials; Construction Materials; Corrosion, Deterioration; Engineering Structures-general; Impregnated Materials-products; Irrigation; Pesticide Evaluation; Plastics; Water Distribution Systems; ...2.0977

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Aquifers; Cultural Control; Eutrophication; Landfill; Nutrients; Sanitary Landfills; Waste Disposal-see Solid Waste; ...2.1047

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Carbon; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

PHYTOPLANKTON NUTRITION AND PHOTOSYNTHESIS IN EUTROPHIC LAKES ...Algal Physiology; Eutrophic Lakes; Eutrophication; Monitoring; Phytoplankton; Sewage; ...2.1050

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

PRACTICALITY OF CHLORINATING ALGAE-LADEN EFFLUENTS FROM STABILIZATION PONDS ...Algae -nonspecific; Chlorination; Disinfection; Organics; Sewage Lagoons; Water Pollutant Identification; ...2.1198

WATER QUALITY CONTROL WITH SYNTHETIC POLYMERIC FLOCCULANTS - EFFECT OF MG, CA, CU, & ZN IONS ON BACTERIA & ALGAE (ABBREV) ...Additives; Bacterial Pollutant Sources; Flocculation; Sewage Treatment Plant; Waste Water Treatment -general; Water Quality Control -general; ...2.1206

DIATOM REMOVAL BY FLOCCULATION ...Contamination - Water; Flocculation; Oxidation; Pollutant Removal; Temperature (water); ...2.1251

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Biological Water Properties; Circulation (water); Ecolog-

ical Effects; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plant Freshwater Ecology; Soil Tillage; Water Properties -general; ...2.1494

MICROBIOLOGICAL INVESTIGATIONS ...Construction Materials; Corrosion, Deterioration; Fungal Pollutant Sources; Microorganisms -nonspecific; Taxonomy -plant; Water Pollution Sources; ...2.1511

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Chemical Water Properties; Ecological Effects; Environmental Influences; India; Lower Plants; Organic Water Properties; Physiological Effects; ...2.1569

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Aquatic Ecology - Animal; Computer Methods - general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Aquatic Soils; Growth; Haloragaceae; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Photoperiodism; Plant Tissue Analysis -chem.; Temperature (water); ...4.0053

Animal Pollutant Sources

THE INFLUENCE OF DECOMPOSING SALMON ON WATER CHEMISTRY ...Alaska; Chemical Water Properties; Food Processing Industries; Nitrogen and Nitrogen Cpds.; Nutrients; Physiological Effects; Water Pollutants - Path of; ...2.0010

FIELD INVESTIGATION OF THE SUBMERSED AQUATIC ENVIRONMENT ...Algae - Chlorophyta; Aquatic Ecology - Animal; Canals; Irrigation; Physical Water Properties; Soil Chemical Properties; ...2.0072

ECOLOGIC IMPACT OF HUMAN ACTIVITIES ON WATER RESOURCE ENVIRONMENTS ...Chemical Water Properties; Ecological Effects; Mans Pollutional Activities; Physical Water Properties; Water Pollutant Identification; ...2.0584

TAXONOMY AND PHYSIOLOGY OF PROTOZOA IN CAVE STREAMS AND POOLS ...Animal Distribution; Aquatic Ecology - Animal; Groundwater; Invertebrate Physiology; Optical Properties of Water; Pollution Effects -see Water; Taxonomy -animal; Water Pollution Sources; ...2.0600

WATERBORNE DISEASE ETIOLOGY ...Czechoslovakia; Florida; Food Contamination; Protozoa; Virginia; Water Wells; ...2.0715

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Bacterial Pollutant Sources; Benthic Flora; Chemical Water Properties; Marine Bacteria; Marine Environments; Marine Plants; Plant Population Dynamics -gen; Water Analysis; ...2.0767

GEOCHEMISTRY OF WATERS OF THE HOG CREEK BASIN - HAMILTON, CORYELL, AND BOSQUE COUNTIES, TEXAS ...Agricultural Runoff; Chemical Water Properties; Geology - general; Plant Pollutants; Soil Fertility; Texas; ...2.0826

FACTORS INFLUENCING FREE-LIVING NEMATODES IN WATER SUPPLIES ...Chemical Measurements (water); Chlorination; Chlorine; Environmental Ecology; Mineralogical Water Properties; Nematoda; Sand Filters; ...2.0893

WATER QUALITY - BENTHIC INVERTEBRATE RELATIONSHIPS IN ESTUARIES ...Aquatic Ecology - Animal; Benthic Fauna; Contamination - Water; Environmental Geology; Estuaries; Hydrographs; Maine; Marine Environments; Marine Pollution; Vertical Distribution; Water Pollution Sources; ...2.1569

ECOLOGICAL PARAMETERS OF THE DEVELOPMENT AND FEEDING HABITS OF SIMULIUM SPP. (BLACK FLIES) ...Aquatic Ecology - Animal; Ecological Effects; Eutrophication; Fish; Organic Matter; Water Quality -general; ...2.1692

NEMATODES ASSOCIATED WITH SEWAGE TREATMENT AND THEIR SIGNIFICANCE ...Nematoda; Sewage; Taxonomy - animal; ...3.0108

Animal Wastes - Feed Lots

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Contamination - Soil; Fertilizers; Nutrients; Percolation (water); Soil Analysis; Soil Minerals -natural; Water Pollutants - Path of; ...2.0081

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Water Properties; Eutrophic Lakes; Eutrophication; Iowa; Oxygen Content (water); Water Pollutants - Path of; Water Quality Control -general; ...2.0144

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Chemical Analysis (water); Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

NITRATES IN WATER SUPPLIES ...Fertilizers; Soil Analysis; Soil Chemical Properties; Waste Disposal on Soils; Water Supply - general; ...2.0222

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0340

WATER AND SOIL POLLUTION FROM BEEF CATTLE FEEDLOTS IN NEBRASKA ...Agricultural Runoff; Bos; Contamination - Soil; Farm Animal Wastes; Groundwater; Snowmelt Runoff; Soil Microbiology; Urine; Water Pollutants - Path of; ...2.0242

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Chemical Water Properties; Ecological Effects; Eutrophication; Microorganisms -nonspecific; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus - nonspecific; ...2.0264

ROLE OF ANIMAL WASTES IN AGRICULTURAL LAND RUNOFF ...Agricultural Runoff; Agricultural Watersheds; Bos; Farm Animal Wastes; Small Watersheds; Soil Tillage; Water Quality - general; ...2.0293

POLLUTION POTENTIAL OF RUNOFF FROM LIVESTOCK FEEDING OPERATIONS ...Agricultural Runoff; Biochemical Oxygen Demand; Chemical Oxygen Demand; Coliforms -nonspecific; Livestock -nonspecific; Precipitation; South Dakota; ...2.0361

WATER QUALITY HYDROLOGY OF LANDS RECEIVING FARM ANIMAL WASTES ...Agricultural Runoff; Bos; Farm Animal Wastes; Plowing; Waste Disposal on Soils; ...2.0379

CARCINOGENS IN THE ENVIRONMENT ...Capra; Contamination -see Air & Water; Developmental Physiology; Drainage; Environmental Carcinogenesis; Experimental Teratology; Feces; ...2.0399

MOLECULAR AND APPLIED ASPECTS OF MICROBIAL ENZYMOLOGY AND ECOLOGY ...Bacterial Ecology; Bacterial Population Surveys; Cellular Biosynthesis; Food Contamination; Sewage; Streptococcus Fecalis; ...2.0586

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

BACTERIOLOGICAL WATER QUALITY ANALYSES OF METHODS FOR DETECTING FECAL POLLUTION ...Bacterial Pollutant Sources; Coliforms -nonspecific; Feces; Sewage Bacteria; Water Pollutant Identification; ...2.0796

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Degradation - see Pesticide Deg; Fishing; Land Use; Relief; South Dakota; Water Pollution Sources; Water Supply -general; ...2.0799

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Chemical Analysis -general; Farm Animal Wastes; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Moisture; Soil Organic Content; Sprinkler Irrigation; Water Table; ...2.0994

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Effluents - Waste Water; Feces; Lagoon; Soil Chemical Properties; Soil Filters; Soil Structure -other; Waste Disposal on Soils; ...2.1017

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Farm Animal Wastes; Process Design; ...2.1037

ANIMAL WASTE UTILIZATION FOR POLLUTION ABATEMENT ...Agricultural Runoff; Farm Animal Wastes; Livestock - nonspecific; Soil Microbiology; Waste Disposal on Soils; ...2.1053

MICROBIAL TRANSFORMATION OF POULTRY LITTER AND ITS RELATION TO WATER POLLUTION ...Agricultural Runoff; Cellular Catabolism-see Degrad; Groundwater; Nitrogen Bacteria; Soil Microbiology; ...2.1232

TREATMENT OF AQUEOUS AGRICULTURAL WASTES FOR CLEAN WATER AND FOR MICROBIAL PROTEIN PRODUCTION ...Aeration (water); Biochemical Oxygen Demand; Farm Animal Wastes; Microorganisms -nonspecific; Product Development Research; Surface Active-other; Water Pollution Sources; ...2.1271

CATTLE FEEDLOT WASTE WATER TREATMENT ...Aerobic Waste Water Treatment; Agricultural Runoff; Anaerobic Wastewater Treatment; Bos; Farm Animal Wastes; Lagoon; Sewage Lagoons; ...2.1274

BIOLOGICAL TREATMENT OF BEEF ANIMAL WASTES TO REDUCE WATER POLLUTION ...Aeration (water); Bos; Farm Animal Wastes; Oxidation; ...2.1278

EFFECT OF ANIMAL WASTES APPLIED TO SOILS ON SURFACE AND GROUND WATER SYSTEMS ...Agricultural Runoff; Ginciology; Groundwater; Lysimeters; Ponds; Soil Moisture; Soil Types -also See Specifics; Till; Water Pollutants - Path of; ...2.1285

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Chemical Analysis (water); Escherichia Coli; Farm Animal Wastes; Lysimeters; Physical Models; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...2.1288

DISPOSAL OF WASTE FROM SWINE FEEDING FLOORS TO MINIMIZE OR ELIMINATE STREAM POLLUTION ...Effluents - Waste Water; Farm Animal Wastes; Septic Tanks; Waste Disposal on Soils; ...2.1291

DEVELOPMENT AND DEMONSTRATION OF METHODS FOR TREATMENT OF DAIRY FARM WASTEWATERS ...Agricultural Runoff; Benefit-cost Analysis; Biological Treatment-general; Rainfall - Runoff Relationship; ...2.1292

TERTIARY TREATMENT OF ANIMAL WASTE WATERS ...Aerobic Waste Water Treatment; Bos; Denitrification -see Nitrogen; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Precipitation; ...2.1346

AUTOMATED SYSTEM FOR WATER POLLUTION CONTROL FROM AN ANIMAL PRODUCTION UNIT ...Farm Animal Wastes; Sus; Waste Disposal on Soils; ...2.1378

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Groundwater; Mineralogical Water Properties; Sprinkler Irrigation; Water Application Methods; Water Quality Control -general; ...2.1418

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Arkansas; Chemical Analysis (water); Ecological Effects; Eutrophic Lakes; Mineralogical Water Properties; Nutrients; Plankton Sampling; Population Dynamics -general; Zooplankton; ...2.1483

EFFECTS OF POLLUTION, ESPECIALLY FROM FEEDLOTS, ON FISHES IN THE UPPER NEOSHO RIVER BASIN ...Animal Habitat Studies; Aquatic Ecology - Animal; Fish; Kansas; Pollution Effects -see Water; River Basins; ...2.1557

EFFECTS OF FEEDLOT RUNOFF ON FISH FOOD ORGANISMS IN THE COTTONWOOD RIVER ...Agricultural Runoff; Aquatic Ecology - Animal; Bottom Sampling; Fish and Shellfish; Industrial Wastes; Kansas; Water Pollutant Identification; ...2.1558

INFLUENCE OF FERTILIZER PRACTICES ON WATER AND THE QUALITY OF THE ENVIRONMENT ...Groundwater; Mans Pollutional Activities; Soil - Crop Relationships; Soil Nutrient Cycling; Water Table; ...2.1635

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

ECONOMIC IMPACTS OF WATER POLLUTION CONTROL PROGRAMS ON CATTLE FEEDLOTS ...Agricultural Watersheds; Beef Industry; Bos; Water Pollution Abatement; Water Resources Planning; ...2.1864

POULTRY MANURE MANAGEMENT ON FARMLANDS IN THE SOUTHEAST ...Contamination - Soil; Cynodon; Farm Animal Wastes; Fertilizer Toxicity; Groundwater; Rain; Soil Chemical Properties; Waste Disposal on Soils; ...3.0005

ABSTRACT SERVICE ON ANIMAL WASTE TECHNICAL LITERATURE ...Abstracts; Farm Animal Wastes; Livestock -nonspecific; Product Development Research; ...3.0007

UTILIZATION OF LIVESTOCK WASTE TO ABATE POLLUTION ...Agricultural Runoff; Economic Feasibility; Flume Studies; Irrigation; Planting Methods; Rock - Soil Pollution; Soil Chemical Properties; Soil Profile; Waste Disposal on Soils; ...3.0008

POLLUTION IMPLICATIONS OF ANIMAL WASTE ...Bos; Farm Animal Wastes; Feces; ...3.0011

STABILIZATION OF ORGANIC WASTES FROM CATTLE FEEDLOTS IN SEMI-ARID CLIMATES BY COMPOSTING TECHNIQUES ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Bos; Farm Animal Wastes; Semi - Arid Regions; ...3.0012

CHEMICAL INDICATORS OF FECAL POLLUTION ...Chemical Analysis (water); Chemical Extraction; Gas Chromatography; Sewage; Water Pollutant Identification; ...3.0049

SWINE WASTE TREATMENT AND DISPOSAL ...Aeration (water); Effluents - Waste Water; Irrigation; Sewage Lagoons; Waste Disposal on Soils; ...3.0058

SOIL AND WATER MANAGEMENT SYSTEMS FOR DISPOSAL OF DAIRY AND POULTRY WASTES ...Denitrification; Groundwater; Soil Organic Content; Waste Disposal on Soils; ...3.0076

NITRATE POLLUTION FROM DISPOSAL OF DAIRY WASTE ...Drainage; Groundwater; Mineral Nutrition; Soil Profile; Waste Disposal on Soils; ...3.0077

ANAEROBIC TREATMENT OF ANIMAL WASTES ...Anaerobic Wastewater Treatment; Farm Animal Wastes; ...3.0083

ANAEROBIC TREATMENT OF ANIMAL WASTES ...Anaerobic Wastewater Treatment; Farm Animal Wastes; ...3.0086

CATTLE FEEDLOT WASTE AND AIR AND WATER POLLUTION ...Agricultural Runoff; Bos; Chlortetracycline; Farm Animal Wastes; Hydrographs; Process Design; ...3.0092

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; Water Table; ...3.0093

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution; Bos; Chlorine; Contamination - Soil; Farm Animal Wastes; Lysimeters; Rock - Soil Pollution; Soil Moisture; Zea Mays - Field Corn; ...3.0097

SPRAY SYSTEM FOR DAILY REMOVAL OF LIQUID COW MANURE ...Agricultural Studies -general; Farm Animal Wastes; Microorganisms -nonspecific; Sprinkler Irrigation; Waste Disposal on Soils; ...3.0099

PERFORMANCE OF THE INCLINED-PLANE TRICKLING FILTER FOR AEROBIC DISPOSAL OF ANIMAL WASTE ...Farm Animal Wastes; Filtration; Mathematical Models; Model Studies; Trickling Filters; ...3.0112

DESIGN AND OPERATION CRITERIA FOR AN ANAEROBIC LAGOON FOR SWINE WASTE ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Lagoon; Piedmont Province; Sewage Lagoons; Water Reuse; ...3.0113

A METHOD OF MANURE DISPOSAL FOR A BEEF PACKING OPERATION ...Bos; Farm Animal Wastes; Feces; Illinois; Solid Waste; Waste Disposal-see Solid Waste; ...3.0121

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Biochemical Oxygen Demand; Environment Resistance-animals; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage Lagoons; Space Requirements; Taste & Odor of Water; ...3.0132

LIFE CYCLE DAIRY HOUSING, MANAGEMENT AND BEHAVIOR ...Behavior -vertebrate; Bos; Computer Methods - general; Dairy Industry; Farm Animal Wastes; Iodides; Sewage Lagoons; ...3.0138

LIVESTOCK WASTE TREATMENT AND DISPOSAL ...Aeration (water); Anaerobic Wastewater Treatment; Antibiotics -nonspecific; Feces; Noise -see Noise; Sewage Lagoons; Waste Disposal on Soils; ...3.0141

FARM ANIMAL WASTE DISPOSAL ...Farm Animal Wastes; Poultry -nonspecific; Sus; Waste Disposal-see Solid Waste; ...3.0143

DEMONSTRATION OF A RECIRCULATING SWINE WASTE TREATMENT SYSTEM USING A ROTATING BIOLOGICAL CONTRACTOR ...Economic Feasibility; Farm Animal Wastes; Sus; Water Reuse; ...3.0144

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Chemical Oxygen Demand; Farm Animal Wastes; Lagoon; Noise -see Noise; Recycle Water; Sus; ...3.0145

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Clay Soils; Farm Animal Wastes; Irrigation; Livestock -nonspecific; Poultry -nonspecific; Silty Soils; Soil Types -also See Specifics; Waste Disposal on Soils; Zea Mays - Field Corn; ...3.0147

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Bos; Irrigation; Rainfall - Runoff Relationship; Soil Fertility; Water Wells; ...3.0148

DEMONSTRATION AND DEVELOPMENT OF FACILITIES FOR THE TREATMENT AND ULTIMATE DISPOSAL OF CATTLE FEEDLOT WASTES ...Agricultural Runoff; Rainfall - Runoff Relationship; Sewage Lagoons; Sprinkler Irrigation; Waste Disposal on Soils; ...3.0149

LAGOONS FOR DISPOSAL OF BARN YARD WASTES ...Aeration (water); Bos; Effluents - Waste Water; Farm Animal Wastes; Lagoon; Microorganisms -nonspecific; Sewage Lagoons; Taste & Odor of Water; ...3.0153

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Agricultural Runoff; Bos; Farm Animal Wastes; Poultry -nonspecific; Waste Disposal on Soils; ...3.0156

CHEMICAL AND PHYSICAL TREATMENTS OF CATTLE EXCRETA FOR REDUCING ENVIRONMENTAL POLLUTION ...Chemical Treatment (water); Farm Animal Wastes; Feces; Product Development Research; Waste Water Treatment - general; ...3.0161

ANIMAL WASTE COMPOSTING EQUIPMENT FOR THE NORTHEAST ...Farm Animal Wastes; Northeast U. S.; ...3.0164

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Chlorine; Farm Animal Wastes; Lysimeters; Percolation (water); Sprinkler Irrigation; Water Application Methods; ...3.0166

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Aerobic Waste Water Treatment; Digestion; Electroosmosis; Farm Animal Wastes; Sewage Lagoons; Waste Drying; ...3.0181

CLOSED SYSTEM WASTE MANAGEMENT FOR LIVESTOCK ...Farm Animal Wastes; Livestock -nonspecific; Management (water); ...3.0182

FARM ANIMAL WASTE DISPOSAL ...Electroosmosis; Farm Animal Wastes; Gallus Domesticus; Pilot Plants; Waste Disposal-see Solid Waste; ...3.0184

FARM ANIMAL WASTE DISPOSAL ...Climates -general; Farm Animal Wastes; Microorganisms -nonspecific; Solid Waste; Waste Disposal on Soils; ...3.0197

IMPROVE METHODS, EQUIPMENT & FACILITIES FOR HANDLING WASTE MATERIAL FROM LIVESTOCK MARKETS & FEEDLOT ...Agricultural Runoff; Costs -see Economics Entries; Farm Animal Wastes; Lagoon; Taste & Odor of Water; Water Costs; ...3.0203

EVALUATION OF MEAT ANIMAL HOUSING SYSTEMS IN RELATION TO POLLUTION ...Agricultural Runoff; Dust; Farm Structures & Design; Groundwater; Space Requirements; Wind - see Air Motion; ...3.0209

WASTE MANAGEMENT, CONTROL, AND DISPOSAL IN MIDWEST BEEF FEEDLOTS ...Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rainfall - Runoff Relationship; Storm Water; Waste Water Treatment -general; ...3.0212

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; Water Table; ...3.0213

VOLUME REDUCTION AND STABILIZATION OF WASTES FROM SWINE ...Bacteria -nonspecific; Biochemical Oxygen Demand; Farm Animal Wastes; Fungi -nonspecific; Landfill; Nitrogen and Nitrogen Cpds.; Waste Disposal on Soils; ...3.0216

POULTRY MANURE DISPOSAL BY PLOW FURROW COVER ...Biological Effects; Chemical Effects; Contamination - Water; Farm Animal Wastes; Feces; Groundwater; Lysimeters; Plowing; Sandy Soils -see Soil Type; Soil Contamination -other; Waste Disposal on Soils; ...3.0217

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types - also See Specifics; Waste Disposal on Soils; ...3.0233

WASTE DISPOSAL ...Aerobic Bacteria; Clostridia; Farm Animal Wastes; Methane Bacteria -nonspecific; Sewage Bacteria; Soil Microbiology; Temperature - Air; ...3.0233

HANDLING AND DISPOSAL OF POULTRY WASTES ...Aeration; Farm Animal Wastes; Northeast U. S.; Waste Disposal on Soils; ...3.0234

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Denitrification; Lime Treatment; Soil Microbiology; ...3.0237

POULTRY MANURE PROPERTIES, HANDLING AND DISPOSAL ...Disposal; Farm Animal Wastes; Feces; Gallus Domesticus; Waste Disposal on Soils; Waste Type; ...3.0240

FARM ANIMAL WASTE DISPOSAL ...Achlorhydraceae; Bacterial Pollutant Sources; Farm Animal Wastes; Sewage Lagoons; Thiorhodaceae; ...3.0256

LIVESTOCK WASTE DISPOSAL SYSTEM INVOLVING REUSE OF WATER ...Aeration (water); Aluminum; Bos; Farm Animal Wastes; Livestock -nonspecific; Sand Filters; Water Reuse; ...3.0257

WASTE TREATMENT FACILITIES DEMONSTRATION ...Effluents - Waste Water; Farm Animal Wastes; Livestock -nonspecific; Pilot Plants; Red River; ...3.0258

FARM ANIMAL WASTE DISPOSAL ...Feces; ...3.0266

EVALUATION OF BEEF FEEDLOT WASTE MANAGEMENT ALTERNATIVES ...Agricultural Runoff; Beef Industry; Bos; Farm Animal Wastes; ...3.0272

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Effluents - Waste Water; Farm Animal Wastes; Groundwater; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Trickling Filters; Waste Disposal on Soils; Water Quality Control -general; ...3.0279

RESEARCH ON AN ANIMAL-WASTE POLLUTION CONTROL SYSTEM ...Air Pollution; Dewatering; Farm Animal Wastes; Gas Chromatography; Infrared Spectroscopy; Nitrogen and Nitrogen Cpds.; Waste Water Treatment -general; ...3.0289

FEED AND WASTE HANDLING IN THE DAIRY OPERATION ...Linings - Pavings; Sprinkler Irrigation; Waste Disposal on Soils; Water Movement -general; ...3.0295

SUBSURFACE DISPOSAL OF ANIMAL MANURE ...Chlorine; Denitrification; Farm Animal Wastes; Feces; Plant Tissue Analysis -chem.; Soil Fertility; Waste Disposal, Underground; ...3.0296

DESIGN OF FACILITIES FOR ANIMAL WASTE DISPOSAL ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Effluents - Waste Water; Farm Animal Wastes; Pilot Plants; Puerto Rico; ...3.0306

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; Sewage; South Dakota; Streptococcus Fecalis; Surfactants - see Detergents; Water Pollutants - Path of; ...3.0312

FARM WASTE DISPOSAL ...Aerobic Waste Water Treatment; Farm Animal Wastes; Irrigation; Model Studies; Physical Models; Sewage Lagoons; Tennessee; ...3.0316

DISPOSAL OF ANIMAL WASTES BY AGRICULTURAL PRACTICES IN THE SOUTHERN PLAINS ...Agricultural Runoff; Chlorine; Contamination - Soil; Farm Animal Wastes; Groundwater; Playas; Rock - Soil Pollution; Soil Microbiology; Sorghum; Water Pollutants - Path of; ...3.0320

CHARACTERISTICS OF WASTE FROM SOUTHWESTERN CATTLE FEEDLOTS ...Agricultural Runoff; Applied Climatology; Bos; Farm Animal Wastes; Management (water); Slope; Southwest U. S.; ...3.0321

SOIL TREATMENT OF CATTLE FEEDLOT RUNOFF ...Bos; Farm Animal Wastes; Rainfall - Runoff Relationship; Waste Disposal on Soils; Water Quality Control -general; ...3.0322

LAGOONS FOR DAIRY FARMS ...Bacterial Studies -general; Cellular Catabolism-see Degrad; Farm Animal Wastes; Lagoon; Temperature - Air; Waste Water Treatment -general; Water Reuse; ...3.0338

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Agricultural Runoff; Farm Animal Wastes; Poultry -nonspecific; Sewage Lagoons; Staphylococcus Epidermidis; ...3.0348

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Climates -general; Cynodon; Fertilizers; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Economic Efficiency; Environment; Erosion; Livestock -nonspecific; Optimization, Economic; Pesticides -nonspecific; Sediments; Welfare Economics; ...4.1013

Bacterial Pollutant Sources

PRODUCTION AND DISPERSAL OF PATHOGENIC BACTERIAL AND VIRAL AEROSOLS BY AERATION OF CONTAMINATED WATERS ...Aeration (water); Aerosols; Bacteriophage; Farm Animal Wastes; Statistics; Waste Water Treatment -general; Water Pollution -see Specifics; ...1.0042

MECHANISM FOR THE WATER-TO-AIR TRANSFER AND CONCENTRATION OF BACTERIA ...Bacterial Ecology; Bubbles; Organic Water Properties; Water Bacteria; ...1.0080

CONTROL OF IRON BACTERIA IN WATER WELL SYSTEMS ...Bacterial Identification; Bacterial Population Surveys; Iron Bacteria; Water Bacteria; Water Quality Control -general; Water Wells; ...2.0006

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Estuaries; Fish; Marine Animals; Marine Environments; Organics; Radioactivity; Trace Elements; Zinc; ...2.0020

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

POLLUTION IN HAWAIIAN WATERSHEDS ...Biological Water Properties; Chemical Water Properties; Hawaii; Nutrients; Water Pollutant Identification; Water Pollution Effects; Water Pollution Sources; Watersheds; ...2.0118

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology; Benthic Organisms -nonspecific; Coliforms -nonspecific; Fish Food Organisms; Nutrients; Plankton; Survey Studies (water); Water Properties -general; ...2.0158

THE COLIFORM BACTERIA, PLANKTON, & RELATED PHYSICO-CHEMICAL FACTORS IN LAKE PONTCHARTRAIN AT NEW ORLEANS, LA ...Acidity (water); Bottom Sampling, Louisiana; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Sediments; Water; ...2.0164

POLLUTION STUDIES OF THE REGIONAL OGALLALA AQUIFER AT PORTALES, NEW MEXICO ...Aquifers; Coliforms -nonspecific; New Mexico; Pseudomonas; Sewage Bacteria; ...2.0254

MECHANISM FOR THE CONCENTRATION OF BACTERIA IN JET AND FILM DROPS ...Bacterial Ecology; Bubbles; Free Energy, Equilibrium Const; Serratia; ...2.0257

MICROBIOLOGY AND WATER QUALITY IN A TRIBUTARY OF CAYUGA LAKE ...Acidity (water); Alkalinity (water); Chemical Water Properties; Ecological Effects; Eutrophication; Microorganisms -nonspecific; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Streptococcus -nonspecific; ...2.0264

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Bacterial Ecology; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Eutrophication; Lake Deposits; Oregon; Water Bacteria; ...2.0324

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Pliocene Epoch; Silting (water) -see Sediment; Water Bacteria; Water Pollution Sources; ...2.0389

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Ionic Effect; Sewage; Water Pollution Sources; ...2.0434

MULTIPLICATION OF CLOSTRIDIUM BOTULINUM TYPE E IN THE GREAT LAKES ...Aquatic Plants -nonspecific; Bacterial Exotoxins; Bottom Sampling; Depth (water); Plant Freshwater Ecology; Wisconsin; ...2.0452

ECOLOGY OF CLOSTRIDIUM BOTULINUM TYPE E IN GREEN BAY ...Aquatic Distribution; Bacterial Exotoxins; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Competition Among Thallophytes; Lake Michigan; Water Pollution - see Specifics; ...2.0453

STUDIES ON THE INTERACTIONS OF BACTERIA AND NEMATODES ...Animal Interrelationships -gen; Aquatic Ecology - Animal; Invertebrate Physiology; Plant Freshwater Ecology; ...2.0461

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Alabama; Bacterial Ecology; Bays; Coliforms -nonspecific; Marine Pollution; Sewage; Size; Water Pollutant Identification; ...2.0464

VIABILITY OF INDICATOR BACTERIA, COLIFORM, FAECAL COLI & ENTEROCOCCI IN VARIOUS TROPICAL WATERS OF THE NORTHERN TERRITORY INCLUDING SEAWATER ...Australia; Bioindicators; Intestinal Bacteria; Sewage Bacteria; Water Pollutant Identification; ...2.0484

THE SIGNIFICANCE AND CONTROL OF WASTEWATER FLOATABLES IN COASTAL WATERS ...Chromatography; Coliforms -nonspecific; Effluents - Waste Water; Infrared Spectroscopy; Marine Pollution; Waste Management -see Specific; ...2.0488

VIBRIO PARAHAEMOLYTICUS IN CHESAPEAKE BAY - ISOLATION, INCIDENCE AND PATHOGENICITY ...Animal Interrelationships -gen; Chesapeake Bay; Estuaries; Muridae; Swamps - Marshes; ...2.0532

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Bacterial Ecology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Mathematical Models; Nutrients; Rehabilitation -streams -lakes; Sewage; Water Pollution -see Specifics; ...2.0553

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU ...Aquatic Distribution; Bacterial Ecology; Bays; Hawaii; Intestinal Bacteria; Nitrogen and Nitrogen Cpds.; Sewage; Water Pollutant Identification; ...2.0563

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Air - Sea Boundary Studies; Atomic Absorption; Bays; Degradation -see Pesticide Deg; Hawaii; Marine Pollution; Organic Matter; Water Pollutant Identification; ...2.0567

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Effluents - Waste Water; Fumigants - nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

WATER QUALITY, GRAND TRAVERSE BAY, LAKE MICHIGAN ...Bays; Lake Michigan; Microorganisms -nonspecific; Remote Sensing; ...2.0628

INDICATOR PATHOGEN DENSITY RELATIONSHIPS IN TRIBUTARY STREAMS ...Bacterial Ecology; Bacterial Population Surveys; Chemical Analysis (water); Escherichia Coli; Michigan; Sewage Bacteria; Water Pollutant Identification; ...2.0633

POLLUTION OF A MARINA AREA BY WATERCRAFT USE AS INDICATED BY COLIFORM AND CHEMICAL CONCENTRATIONS ...Bottom Sampling; Coliforms -nonspecific; Marinas; Ship Wastes; Water Pollutant Identification; ...2.0635

A STUDY OF THE DEPURATION PROCESS IN OYSTERS TAKEN FROM POLLUTED WATERS AND REBEDDED IN UNPOLLUTED WATERS ...Bioindicators; Mississippi; Shellfish Depuration; Water Pollutant Identification; ...2.0651

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ...Aquatic Distribution; Contamination - Water; Escherichia Sp; Gulf of Mexico; Mississippi; Ostreidae (oyster); Pollution Effects -see Water; ...2.0652

DEVELOP IN-HOUSE CAPABILITY IN WATER QUALITY TECHNIQUES FOR ANALYSES OF HEAVY METALS, BACTERIA, AND PESTICIDE RESIDUES ...Chemical Analysis (water); Pesticide Formulation; Pesticide Residue Analysis; Pesticides -nonspecific; Pesticides -other; Pesticides -see Pesticide; Water Bacteria; ...2.0655

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ...Acidity (water); Aquatic Soils; Bacterial Ecology; Chemical Water Properties; New Jersey; Plant Distribution; Temperature (water); ...2.0674

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

IDENTIFICATION OF INDICATOR ORGANISMS FOR EVALUATION OF WATER QUALITY ...Bottom Sampling; General Recreation Studies; Sanitation; Water Pollutant Identification; Water Quality -general; ...2.0716

CORRELATIONS OF BACTERIAL PATHOGEN OCCURRENCES IN WATER WITH FECAL COLIFORM DENSITY LIMITS PROPOSED FOR WATER QUALITY STANDARDS ...Coliforms -nonspecific; Salmonella -nonspecific & -et.; Shigella -nonspecific & -other; Water Bacteria; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0719

STUDIES ON AQUATIC MYXOBACTERIA ...Bacterial Classification; Bacterial Population Surveys; Degradation -see Pesticide Deg; Myxobacteria; Plant Habitat Studies; Water Bacteria; Water Pollution Sources; Water Quality -general; ...2.0748

BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL ...Aerobic Bacteria; Delaware Bay; Forecasting - Prediction; Recreation, Water Resources, Water Pollution -see Specifics; Water Standards & Baselines; ...2.0756

ESCHERICHIA COLI SEROTYPES IN MICROBIAL POLLUTION OF WATER ...Bacterial Population Surveys; Bacterial Serology; Escherichia Coli; Mammals -nonspecific; Sewage; Water Pollution -see Specifics; ...2.0763

COMPARATIVE STUDY OF THE BENTHIC MICROBIAL BIOTA IN SOME COASTAL AREAS OF PUERTO RICO ...Animal Pollutant Sources; Benthic Flora; Chemical Water Properties; Marine Bacteria; Marine Environments; Marine Plants; Plant Population Dynamics -gen; Water Analysis; ...2.0767

THE GAUZE PAD METHOD FOR THE ISOLATION OF VIRUSES FROM INLAND AND ESTUARINE WATERS ...Coliforms -nonspecific; Estuaries; Streptococcus Fecalis; Water Pollutant Identification; ...2.0774

SIGNIFICANCE OF THE FECAL STREPTOCOCCI, COLIFORM BACTERIA AND COLIPHAGE IN RELATIONSHIP TO ENTERIC VIRUS POLLUTION IN SEWAGE AND RIVERS ...Bacteriophage; Rhode Island; Streptococcus Fecalis; Viruses - Animal; Water Pollutant Identification; ...2.0780

THE DEVELOPMENT OF DATA FOR BATHING BEACH CRITERIA ...Demand and Use -recreation; Recreation, Water Resources; Water Bacteria; Water Pollution -see Specifics; ...2.0781

DIRECT, LOW TEMPERATURE ENUMERATION METHODS FOR FECAL COLIFORMS IN WATER ...Bacterial Population Surveys; Coliforms -nonspecific; Water Pollutant Identification; ...2.0783

QUANTITATIVE RECOVERY OF PSEUDOMONAS AERUGINOSA FROM POTABLE AND RECREATIONAL WATERS ...Bacterial Population Surveys; Estuaries; Potable Water; Pseudomonas Aeruginosa; Recreation, Water Resources; Water Pollutant Identification; ...2.0784

BACTERIOLOGICAL WATER QUALITY ANALYSES OF METHODS FOR DETECTING FECAL POLLUTION ...Animal Wastes - Feed Lots; Coliforms -nonspecific; Feces; Sewage Bacteria; Water Pollutant Identification; ...2.0796

SURVIVAL OF INDICATOR ORGANISMS AND ENTERIC BACTERIA IN WATER ...Cellular Physiology- Env. Eff.; Dyes; Lakes; Nutrients; Streptococcus Fecalis; Waste Water Treatment - general; ...2.0801

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Chemical Water Properties; Hydraulics Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

DETECTION OF PATHOGENS IN WATER ...Bacteria -nonspecific; Bacterial Population Surveys; Escherichia Coli; Fresh Water; Streptococcus Fecalis; Water Pollutant Identification; ...2.0835

DETECTION AND SIGNIFICANCE OF KLEBSIELLA IN WATER ...Aerobacter Aerogenes; Algal Physiology; Bacterial Identification; Bacterial Population Surveys; Marine Plants; ...2.0837

SURVIVAL OF INTESTINAL BACTERIA IN PRISTINE WATERS ...Bacterial Ecology; Recreation, Water Resources; Sewage; Water Bacteria; ...2.0843

A COMPARISON OF TOTAL COLIFORM AND FECAL COLIFORM COUNTS IN STREAM POLLUTION SURVEYS ...Bacterial Identification; Coliforms -nonspecific; Literature Search; Survey Studies (water); Water Pollutant Identification; ...2.0855

A NEW TYPE OF DISINFECTANT FOR WATER SUPPLIES ...Disinfectants, Ion Exchange; Water Chemistry; Water Supply - general; ...2.0897

EFFECTS OF INTERACTIONS OF CHEMICALS FOR WATER TREATMENT ...Chemical Water Properties; Chlorine; Organic Water Properties; Potable Water; Turbidity (water); ...2.0908

DIRECT METHODS FOR THE ENUMERATION OF SALMONELLA IN WATER ...Marine Biology - General; Recreation, Water Resources; Swimming; Water Pollution -see Specifics; ...2.0940

ELECTROPHORETIC CLARIFICATION OF WATER ...Adsorption; Colloidal Phenomena; Filtration; Pesticide Residues Removal; Pesticides -see Pesticide; Size; Waste Water Treatment - general; Water Pollutant Identification; ...2.0948

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand, Contamination - Water; Forecasting - Prediction; Organic Matter; Physical Water Properties; Waste Water Degradation; Waste Water Treatment -general; ...2.0983

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Coliforms -nonspecific; Filtration; Foreign Agriculture; Hydrolysis, Esterification; Pilot Plants; Recharge (water); Sediments; Turbidity (water); ...2.1023

DEGRADATION OF SEWAGE AND SOIL MICROORGANISMS ...Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Escherichia Coli; Marine Plants; Sewage; Soil Bacteria; ...2.1041

INORGANIC SULFUR OXIDATION BY IRON-OXIDIZING BACTERIA ...Acid Mine Drainage; Alkalinity (water); Coal; Iron Bacteria; ...2.1068

WATERSHED RANGE CONDITIONS AND THEIR EFFECTS ON WATER QUALITY ...Agricultural Watersheds; Chemical Water Properties; Range Management; Water Bacteria; Water Quality - general; ...2.1140

WATER QUALITY CONTROL WITH SYNTHETIC POLYMERIC FLOCCULANTS - EFFECT OF MG, CA, CU, & ZN IONS ON BACTERIA & ALGAE (ABBREV) ...Additives; Flocculation; Sewage Treatment Plant; Waste Water Treatment -general; Water Quality Control -general; ...2.1206

NEW MICROBIAL INDICATOR OF WASTEWATER CHLORINATION EFFICIENCY ...Cellular Physiology- Env. Eff.; Chlorine; Coliforms -nonspecific; Intestinal Bacteria; Sewage - Domestic; Water Pollutant Identification; ...2.1258

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Bacterial Ecology; Cellular Physiology- Env. Eff.; Chlorine; Effluent-standards; Illinois; Sewage Bacteria; Water Bacteria; ...2.1259

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Animal Wastes - Feed Lots; Chemical Analysis (water); Escherichia Coli; Farm Animal Wastes; Lysimeters; Physical Models; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...2.1288

DEMONSTRATION OF THE CHANNEL AERATION PROCESS IN TREATMENT OF SEWAGE ...Aeration (water); Aquatic Plants -nonspecific; Effluents - Waste Water; Nutrients; Sewage; Viral Pollutant Sources; ...2.1310

FORAGE CROP IRRIGATION WITH OXIDATION POND EFFLUENT ...Agricultural Runoff; Coliforms -nonspecific; Furrow Irrigation; Mississippi; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sorghum; Storm Water; Water Table; ...2.1316

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; Water Quality -general; ...2.1331

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Groundwater; Mineralogical Water Properties; Sprinkler Irrigation; Water Application Methods; Water Quality Control -general; ...2.1418

EFFECT OF INDUSTRIAL POLLUTANTS ON WATER QUALITY ...Bacterial Ecology; Bioindicators; Coliforms -nonspecific; Nutrients; Water Pollutant Identification; ...2.1470

BIOLOGICAL EFFECTS OF HEAVY METAL POLLUTION ...Alaska; Biological Effects; Chelation & Complexing; Microorganisms -nonspecific; Yeasts -nonspecific; ...2.1475

MICROBIOLOGICAL INVESTIGATIONS ...Algal Pollutant Sources; Construction Materials; Corrosion, Deterioration; Fungal Pollutant Sources; Microorganisms -nonspecific; Taxonomy -plant; Water Pollution Sources; ...2.1511

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Chemical Water Properties; Forecasting - Prediction; Mathematical Models; Planning; Rain; Runoff (water); Soil Types -also See Specifics; Water Quality Control -general; ...2.1711

BACTERIAL ADSORPTION ON SOILS ...Adsorption; Forecasting - Prediction; Recharge (water); Soil Moisture; Water Pollutants - Path of; Water Wells; ...2.1737

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment -general; ...2.1775

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

SOCIO-ECONOMIC FACTORS RELATED TO THE INCIDENCE OF A WATER-BORNE DISEASE ...Community - Social Studies; Digestive System - Human; Economic Impact; Intestinal Bacteria; Puerto Rico; Social Aspects; Water Pollution -see Specifics; ...2.1909

SLIME CONTROL ASSOCIATED WITH PULP MILL EFFLUENTS ...Carbon; Industrial Wastes; Process Design; Pulp and Paper Wastes; ...3.0038

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Acidity (water); Alkalinity (water); Bacterial Studies -general; Coliforms - nonspecific; Farm Animal Wastes; Farm Pond; Mineralogical Water Properties; Sewage Lagoons; Streptococcus Fecalis; ...3.0039

WATER POLLUTION BY DAIRY FARM WASTES AS RELATED TO METHOD OF WASTE DISPOSAL ...Agricultural Runoff; Farm Animal Wastes; Irrigation; Taste & Odor of Water; Waste Treatment Economics; Water Pollution Sources; ...3.0060

WASTE DISPOSAL IN RURAL AREAS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Connecticut; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rural Areas; Septic Tanks; Waste Disposal on Soils; Water Pollutant Identification; ...3.0098

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Athiorhodaceae; Farm Animal Wastes; Sewage Lagoons; Thiorhodaceae; ...3.0256

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation -see Pesticide Deg; Lake Champlain; Nutrients; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Sediments; Water Bacteria; ...4.0072

EFFECTS OF DISSOLVED OXYGEN, TEMPERATURE AND POTENTIAL TOXICANTS UPON MACROINVERTEBRATES (NON-ARTHROPODS) ...Animal Productivity; Aquatic Ecology - Animal; Clams; Gastropoda; Invertebrate Physiology; Temperature (water); ...4.0680

Boat Discharges

CONTROL OF POLLUTION FROM OUTBOARD ENGINES EXHAUST: A RECONNAISSANCE STUDY ...Air Cleaning Devices; Combustion; Gas Chromatography; Thin Layer Chromatography; Water Purification; ...2.0275

POLLUTION OF A MARINA AREA BY WATERCRAFT USE AS INDICATED BY COLIFORM AND CHEMICAL CONCENTRATIONS ...Bacterial Pollutant Sources; Bottom Sampling; Coliforms -nonspecific; Marinas; Ship Wastes; Water Pollutant Identification; ...2.0635

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Habitat Studies; Forecasting - Prediction; Mathematical Models; New York; Swamps - Marshes; Water Bacteria; Waterfowl -nonspecific; ...2.0693

ASSESSMENT OF CHEMICAL POLLUTANTS IN UNDERWATER EXHAUST OF WATERCRAFT ENGINEERING ...Chemical Analysis (water); Combustion; Environment; Loss Damages - Recreation; Recreation; Water Resources; Ship Wastes; Waste Management -see Specific; Water Chemistry; Water Pollutant Identification; ...2.0906

OIL DISPERSION COALESCENCE BY POROUS SOLID CONTACT ...Filtration; Industrial Wastes; Petroleum Wastes - Spillage; ...2.1042

TREATMENT OF WATERCRAFT WASTES FROM SMALL VESSELS TO SHORE TREATMENT FACILITIES ...Marinas; Pumping Stations; Sewage; Sewage Treatment Plant; Tanks; Waste Management -see Specific; ...2.1223

TREATMENT OF WATERCRAFT WASTES ...Chlorination; Coagulation; Disposal; Electrochemistry; Process Design; Ship Wastes; ...2.1395

DEVELOPMENT OF WASTE TREATMENT SYSTEMS ABOARD MARINE AND FRESH WATER CRAFT ...Process Development; Ship Wastes; ...2.1424

Effluents - Waste Water

PROCESSING RETORTING WATERS AND GASES FOR POLLUTION CONTROL ...Oil Shale; Recovery - Production; Waste Material Recovery; Water Costs; ...1.0664

TRACE AND TRACER ELEMENTS IN GROUND WATER: PHASE III ...Arizona; Chemical Analysis (water); Groundwater; Industrial Wastes; Lead; Natural Recharge; Soil Chemical Properties; Water Pollution Sources; Zinc; ...2.0017

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure - other; Water Reuse; ...2.0031

EUTROPHICATION OF SURFACE WATERS - LAKE TAHOE ...Eutrophic Lakes; Eutrophication; Lake Tahoe; Nutrients; Rainfall - Runoff Relationship; Waste Water Treatment -general; ...2.0034

STUDY OF KEY WEST DESALTING PLANT EFFLUENT ...Alkalinity (water); Contamination - Water; Desalination Wastes; Florida; Physical Effects; Salinity (water); ...2.0033

PREDICTION OF MINERAL QUALITY OF RETURN FLOW WATER FROM IRRIGATED LAND ...Computer Models; Irrigation; Percolation (water); Soil Chemical Properties; Water Storage; ...2.0067

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

PHOSPHATE RETENTION BY LAKE SEDIMENTS AS A FACTOR IN THE EUTROPHICATION OF LAKES ...Chemical Properties; Eutrophication; Geochemical Analysis (water); Land Use; Water Chemistry; ...2.0167

KINETIC STUDIES OF THE OXIDATIVE DEGRADATION OF DETERGENT, AND RELATED CHEMICAL SPECIES IN AQUEOUS SOLUTION ...Biodegradation; Chemical Degradation; Detergents -see Surfactants; Kinetics; Rate of Reaction; Waste Water Degradation; ...2.0171

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; Watersheds; ...2.0197

THE ROLE OF MIXING IN MAINTAINING STRATIFIED FLOW ...Density; Model Studies; Outlets; Stratification (water); Water Quality Control -general; ...2.0206

PHOSPHATE MINING EFFLUENT IN ESTUARINE ECOLOGY ...Amphibious Plants; Contamination - Water; Ecological Effects; Estuaries; Mining Industry; Phosphorus and Phosphorus Cpds; Pollution Effects -see Water; To Minerals; ...2.0292

SEPARATION AND IDENTIFICATION OF TOXIC COMPOUNDS IN OIL REFINERY EFFLUENTS ...Atomic Absorption; Chromatography; Industrial Wastes; Mass Spectroscopy; Petroleum Research; Waste Management -see Specific; Waste Water Treatment -general; ...2.0316

POWER PRODUCTION ...Atomic Plants; Chemical Effects; Density; Energy Conversion; Mathematical Models; Reservoirs and Impoundments; Thermal Pollution; ...2.0337

CONCENTRATION OF RADIONUCLIDES BY AQUATIC BIOTA ...Absorption (incl. Adsorption); Algal Physiology; Animal Productivity; Atomic Plants; Bioindicators; Clams; Contamination - Water; Fish; Lower Plants; Reactor Sites & Rad Waste; Water Pollutant Identification; ...2.0358

MINIMIZING SOIL AND WATER POLLUTION FROM FERTILIZERS AND IRRIGATION WATERS--RIO GRANDE PLAIN ...Denitrification; Groundwater; Rio Grande River; Soil Analysis; Soil Profile; ...2.0391

RADIOECOLOGY OF THE KUCUK CEKMECE LAGOON ...Aquatic Ecology - Animal; Biological Effects; Contamination - Water; Energy Conversion; Lagoons; Radioactive Isotopes; Sediments; Water Pollutants - Path of; ...2.0392

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; Water Quality Control -general; ...2.0402

AREA DESCRIPTIONS OF ALABAMA'S ESTUARIES ...Alabama; Benthic Organisms -nonspecific; Data Reduction and Analysis; Physical Water Properties; ...2.0462

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS

...Arkansas; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Sampling; Types of Resources; Urban Research - general; Water Pollution Sources; ...2.0479

THE SIGNIFICANCE AND CONTROL OF WASTEWATER FLOATABLES IN COASTAL WATERS ...Bacterial Pollutant Sources; Chromatography; Coliforms -nonspecific; Infrared Spectroscopy; Marine Pollution, Waste Management -see Specific; ...2.0488

ECOLOGICAL FACTORS INFLUENCING FREE-LIVING NITROGEN-FIXING ORGANISMS IN CERTAIN NORTHERN SOILS ...Azotobacter; Bacterial Identification; Bacterial Population Surveys; Cladosporium; Fumigants -nonspecific; Loam -see Soil Types; Pesticide Evaluation; Pseudomonas; Soil Amendments; Soil Microbiology; Water Pollutant Identification; ...2.0571

QUALITY OF TILE EFFLUENT ...Chemical Analysis (water); Drainage; Floods; Nitrogen and Nitrogen Cpds.; Phaseolus; Phosphorus and Phosphorus Cpds; Soil Analysis; Zea Mays - Field Corn; ...2.0587

COLIBACTERIOPHAGES AS VIRUS INDICATORS IN WATER AND WASTEWATER ...Aerobacter Aerogenes; Bacterial Identification; Bacterial Population Surveys; Bacteriophage; Escherichia Coli; Viral Pollutant Sources; Water Pollutant Identification; ...2.0589

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - EFFECTS ON INDICATOR ORGANISMS ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Bottom Sampling; Mollusca; Water Pollutant Identification; ...2.0597

DISPOSAL OF PAPER MILL EFFLUENT THROUGH IRRIGATION OF BOTTOMLAND HARDWOOD UNDER LOUISIANA CONDITIONS ...Disposal Wastes; Forest Environment -general; Industrial Wastes; Irrigation; Louisiana; Pulp and Paper Wastes; Waste Disposal on Soils; Water Quality Control -general; ...2.0605

POTENTIAL ALGAL PRODUCTIVITY AS MEASURED BY A TURBIDOSTAT ...Algae -nonspecific; Analysis and Detection; Nutrients; Primary Productivity - Plants; Turbidity (water); ...2.0625

TECHNOLOGICAL ASSESSMENT OF REMOTE SENSING ...Aircraft Remote Sensing; Chemical Water Properties; Estuaries; Management (water); Ponds; Water Pollutant Identification; ...2.0632

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Lake Stages; Lower Plants; Nutrients; Phytoplankton; Plant Productivity -general; Tertiary Treatment; ...2.0641

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

MONITORING WATER EFFLUENTS FROM A NUCLEAR POWER PLANT ...Atomic Plants; Energy Conversion; New York; Water Pollutants - Path of; ...2.0697

AUTOMATED FORECAST PROCEDURES FOR RIVER QUALITY MANAGEMENT ...Automatic Data Aquisition; Forecasting - Prediction; Mathematical Models; Ohio River; Storm Water; Water Quality -general; ...2.0714

WATERBORNE DISEASE ETIOLOGY ...Animal Pollutant Sources; Czechoslovakia; Florida; Food Contamination; Protozoa; Virginia; Water Wells; ...2.0715

PIGMENT ANALYSIS FOR THE DETECTION OF ENRICHMENT ...Algal Physiology; Carotenoid Pigments; Chlorophyll; Nutrients; Phytoplankton; Water Pollutant Identification; ...2.0736

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Chemical Water Properties; Contamination - Water; Growth; Periphyton; Physiological Effects; Plant Habitat Studies; Sewage; Water Pollutant Identification; Water Pollution Sources; ...2.0778

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Degradation - see Pesticide Deg; Fishing; Land Use; Relief; South Dakota; Water Pollution Sources; Water Supply -general; ...2.0799

EFFECTS OF INDUSTRIAL EFFLUENTS ON PRIMARY PHYTOPLANKTON INDICATORS ...Diatoms (see Also Algae); Ionic Effect; Phytoplankton; Statistics; Tracers; ...2.0802

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Animal Life History Studies; Bays; Contamination - Water; Engineering Structures-general; Estuaries; Fish and Shellfish; Physiological Effects; Water Quality -general; ...2.0846

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity - general; Sewage; ...2.0848

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF MIXING ZONE FOR WASTE EFFLUENTS DISCHARGED INTO STREAMS OR RIVERS ...Coastlines - Shoreline; Lakes; Outlets; Streams & Rivers; ...2.0861

ATOMIC ABSORPTION ANALYSIS OF PHOSPHATES IN WATER ...Analysis and Detection; Atomic Absorption; Waste Properties; Water Pollutant Identification; ...2.0867

PHOTOCHEMICAL METHODS FOR PURIFYING WATER ...Chemical Oxygen Demand; Pesticide Residues Removal; Pesticides -nonspecific; Photolysis; Pilot Plants; Washington; ...2.0877

TREATMENT OF MUNICIPAL SECONDARY EFFLUENT BY REVERSE OSMOSIS ...Carbon Filters; Chemical Oxygen Demand; Fouling; Reverse Osmosis; Tertiary Treatment; ...2.0879

NITRATE REDUCTION IN THE VICINITY OF TILE DRAINS ...Denitrification; Drainage, Drainage Engineering; Filtration; ...2.0894

BASIC SALINOGEN ION EXCHANGE RESINS FOR SELECTIVE NITRATE REMOVAL FROM POTABLE AND EFFLUENT WATER ...Ion Exchange; Potable Water; Waste Treatment; ...2.0911

BRACKISH WATER PURIFICATION BY BIOLOGICAL FUEL CELL POWERED ELECTRODIALYSIS ...Brackish Water; Desalination; Electrodialysis; Microorganisms -nonspecific; Salt Water; Water Costs; ...2.0917

ESTUARINE HYDROGRAPHY AND ITS ROLE IN TRANSPORT OF NATURALLY PRODUCED FOODS AND POLLUTANTS ...Forecasting - Prediction; Nutrients; Water Movement -general; Water Quality -general; ...2.1000

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Biological Water Properties; Contamination - Water; Management (water); Physical Water Properties; Reservoirs and Impoundments; Water Pollutants - Path of; Water Quality Control -general; ...2.1008

USING SOIL FILTRATION TO REDUCE POLLUTION POTENTIAL OF LAGOON EFFLUENT ENTERING GROUND WATER SYSTEM ...Agricultural Runoff; Contamination; Feces; Lagoon; Soil Chemical Properties; Soil Filters; Soil Structure - other; Waste Disposal on Soils; ...2.1017

RESEARCH INITIATION - MIXING AND TRANSFER PROCESSES FOR HEATED EFFLUENTS IN OPEN CHANNEL FLOW ...Channels; Energy Conversion; Flow Characteristics (water); Flume Studies; Heat Flow (water); Physical Models; Thermal Pollution; ...2.1019

THE DISPERSION OF CONTINUOUSLY INJECTED EFFLUENTS IN OPEN CHANNELS ...Dispersion (water); Fluid Mechanics; Hydraulics; Mathematical Models; Mississippi; Physical Models; ...2.1029

ANALYSIS OF THERMAL POLLUTION DISPERSION ...Aeration (water); Model Studies; Stratification (water); Water Pollution Effects; ...2.1055

FILTRATION OF KRAFT PULP LIQUOR THROUGH CHIPS ...Acidity (water); Filters-filtration; Filtration; Industrial Wastes; Pulp and Paper Wastes; Waste Water Treatment -general; ...2.1074

REMOVAL OF NUTRIENTS FROM ENRICHED FLOWS & WASTE EFFLUENTS BY THE HYDROPONIC CULTURE OF SUITABLE FORAGE PLANTS & GRASSES ...Benefit-cost Analysis; Economic Feasibility; Nutrients; Waste Treatment Economics; Waste Water Treatment -general; ...2.1081

VERIFICATION OF MODELS USED IN THE MANAGEMENT AND CONTROL OF WATER QUALITY ...Disposal Wastes; Management (water); Model Studies; Washington; Water Quality Control -general; ...2.1127

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils, Water Storage; ...2.1152

REDUCING POLLUTION FROM POTATO AND ROOT VEGETABLE PEELING ...Canning Wastes -see Food Proc.; Food Processing Industries; Lye; Plant Waste Removal, Treatment; Water Quality Control -general; . 2.1162

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

FILTRATION OF AQUEOUS EFFLUENTS CARRYING EMULSIFIED OILS ...Chemical Water Properties; Coalescence; Filters-filtration; Fluid Mechanics; Turbidity (water); ...2.1169

ECOLOGICAL AND PHYSIOLOGICAL IMPLICATIONS OF GREENBELT IRRIGATION ...California; Fire Prevention; Groundwater; Irrigation; Plant Ecology -nonspecific; Sewage; Waste Disposal on Soils; ...2.1189

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Foreign Agriculture; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Sewage; Water Pollution Abatement; Water Quality -general; ...2.1196

PRACTICALITY OF CHLORINATING ALGAE-LADEN EFFLUENTS FROM STABILIZATION PONDS ...Algae -nonspecific; Chlorination; Disinfection; Organics; Sewage Lagoons; Water Pollutant Identification; ...2.1198

INDIVIDUAL WASTE DISPOSAL SYSTEMS ...Aeration (water); Effluent-standards; Pipe; Sewer Maintenance; Waste Disposal-see Solid Waste; ...2.1205

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials; Coatings -see Materials; Dewatering; Industrial Wastes; Metal Processing Wastes; Pilot Plants; Sludge; Waste Treatment Economics; ...2.1208

TREATMENT OF WATERCRAFT WASTES FROM SMALL VESSELS TO SHORE TREATMENT FACILITIES ...Boat Discharges; Marinas; Pumping Stations; Sewage; Sewage Treatment Plant; Tanks, Waste Management -see Specific; ...2.1223

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; Water Table; ...2.1228

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage, Drainage Engineering; Fluorine; Growth; Water Table; ...2.1229

IMPROVED EQUIPMENT AND OPERATING METHODS FOR POULTRY PROCESSING TO REDUCE WATER REQUIREMENTS ...Canning Wastes -see Food Proc.; Food Contamination; Food Engineering & Technology; Industrial Wastes; Poultry Industry; Runoff (water); Water Conservation -general; ...2.1231

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated; Artificial Recharge; Chemical Water Properties; Hawaii; Land Use; Primary Treatment; Storm Water; Urban Runoff; Water Standards & Baselines; ...2.1239

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Effluent-standards; Forest Management; Idaho; Irrigation; Sediment Thickness; Water Costs; Water Reuse; ...2.1241

ARMOUR INDUSTRIAL CHEMICAL SECONDARY WASTEWATER TREATMENT ...Aerobic Waste Water Treatment; Chemical Industry; Chemical Oxygen Demand; Food Processing Industries; Local Government; Pilot Plants; Water Pollution -see Specifics; ...2.1243

BIOLOGICAL ASPECTS OF TERTIARY PONDS ...Contamination - Water; Phytoplankton; Pond; Protozoa; Sewage; Sewage Bacteria; Tertiary Treatment; ...2.1250

PILOT SCALE INVESTIGATIONS OF WELL RECHARGE USING CORED SAMPLES ...Aquifers; Cambrian Period; Injection Wells; Sandstones; Sewage; Waste Water Treatment -general; ...2.1254

NEW MICROBIAL INDICATOR OF WASTEWATER CHLORINATION EFFICIENCY ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Chlorine; Coliforms -nonspecific; Intestinal Bacteria; Sewage - Domestic; Water Pollutant Identification; ...2.1258

CHLORINATION OF WASTE WATER EFFLUENTS ...Activated; Bacterial Ecology; Cellular Physiology- Env. Eff.; Chlorine; Effluent-standards; Illinois; Sewage Bacteria; Water Bacteria; ...2.1259

BIOMASS PRODUCTION FOR THE IMPROVEMENT OF THE QUALITY OF FOOD PROCESSING PLANT EFFLUENTS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Industrial Wastes; Nitrogen and Nitrogen Cpds.; Waste Water Treatment -general; ...2.1260

RECLAMATION OF ENERGY FROM ORGANIC REFUSE ...Anaerobic Wastewater Treatment; Digestion; Fuels; Organic Matter; Sewage - Domestic; Waste Material Recovery; ...2.1261

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Aquatic Ecology - Animal; Chemical Measurements (water); Chlorination; Physical Water Properties; Pollution Effects -see Water; Protozoa; Temperature (water); ...2.1262

NONAQUEOUS TREATMENTS TO IMPROVE FABRIC PROPERTIES AND REDUCE WATER POLLUTION ...Chemical Mechanisms & Kinetics; Fabrication; Home Economics; Materials -properties; Textile Industry; Water Quality Control -general; ...2.1283

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Food Processing Industries; Gallus Domesticus; Infiltration; Nitrogen and Nitrogen Cpds.; Percolation (water); Phosphorus and Phosphorus Cpds; Soil Moisture; Sprinkler Irrigation; Water Quality -general; ...2.1287

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Food Processing Industries; Gases; Organics; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

DISPOSAL OF WASTE FROM SWINE FEEDING FLOORS TO MINIMIZE OR ELIMINATE STREAM POLLUTION ...Animal Wastes - Feed Lots; Farm Animal Wastes; Septic Tanks; Waste Disposal on Soils; ...2.1291

THE RATE OF NITROGEN AND PHOSPHORUS STRIPPING FROM SEWAGE LAGOONS BY AQUATIC ANGIOSPERMS ...Absorption (incl. Adsorption); Ceratophyllaceae; Haloragaceae; Nitrogen and Nitrogen Cpds.; Nymphaeaceae; Phosphorus and Phosphorus Cpds; Ranunculaceae; Waste Water Treatment -general; ...2.1304

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Fish; Lakes; Michigan; Parks; Recreation, Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

PILOT PLANT INSTALLATION FOR USE OF FUNGI IMPERFECTI ON VEGETABLE WASTES ...Aeration (water); Food Processing Industries; Minnesota; Pilot Plants; Waste Water Treatment -general; ...2.1309

DEMONSTRATION OF THE CHANNEL AERATION PROCESS IN TREATMENT OF SEWAGE ...Aeration (water); Aquatic Plants -nonspecific; Nutrients; Sewage; Viral Pollutant Sources; ...2.1310

FORAGE CROP IRRIGATION WITH OXIDATION POND EFFLUENT ...Agricultural Runoff; Coliforms -nonspecific; Furrow Irrigation; Mississippi; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sorghum, Storm Water; Water Table; ...2.1316

PERFORMANCE OF INTERMITTENT SAND FILTERS ...Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sand Filters; Water Pollution Abatement; ...2.1342

TREATMENT NEEDED BY SEWAGE BEFORE INJECTION-WELL RECHARGE ...Artificial Recharge; Chlorination; Filters-filtration; Rapid Filters; Sand Filters; Tertiary Treatment; Waste Disposal, Underground; ...2.1343

DESIGN OF WASTEWATER TREATMENT SYSTEMS TO SATISFY EFFLUENT QUALITY REQUIREMENTS BASED ON INTENDED USE ...Effluent-standards; Impaired Water Use; Waste Treatment; Water Quality -general; Water Reuse; ...2.1344

ADVANCED WASTE TREATMENT FOR WATER RECLAMATION AND REUSE BY INJECTION ...Aquifers; Effluent-standards; Groundwater; Optimization, Economic; Water Reuse; ...2.1347

WATER POLLUTION REDUCTION THROUGH RECOVERY OF DESIZING WASTES ...Biochemical Oxygen Demand; Industrial Wastes; Textile Industry; Waste Material Recovery; ...2.1358

ENVIRONMENTAL CONTROL RESEARCH CONTROL TECHNIQUES, FIELD TESTING, AND EVALUATION ...Acid Mine Drainage; Chemical Analysis (water); Data Acquisition; Mine Drainage Control; Mining Industry; Water Pollution Sources; ...2.1401

IMPROVED EXTRACTION SYSTEM - WATER CONTROL - CONTROL TECHNIQUES, FIELD TESTING AND EVALUATION ...Acid Mine Drainage; Analytical Instruments, Coal; Data Acquisition; Geology -general, Mine Atmosphere Conditions; Soil Tillage; ...2.1402

EFFECTS OF IRRIGATION OF MUNICIPAL SEWAGE EFFLUENT ON SPOILS BANKS ...Irrigation; Mine Wastes; Sewage; Spoil Banks; Strip Mines; Waste Disposal on Soils; Water Pollution Abatement; ...2.1404

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

STUDIES TO DEVELOP PROCESS DESIGNS FOR EFFLUENT QUALITY CONTROL ...Effluent-standards; Process Design; Waste Water Treatment -general; Water Quality Control -general; ...2.1435

PROCESSING PLANT EFFLUENTS FOR IRRIGATION IN COASTAL PLAINS OF NORTHEAST ...Biological Effects; Food Processing Wastes; Industrial Wastes; Irrigation; Lye; Plant Waste Removal, Treatment; Soil Chemical Properties; Water Reuse; ...2.1443

REDUCTION OF RADIOISOTOPES IN HANFORD REACTOR EFFLUENTS ...Atomic Plants; Energy Conversion; Nuclear Power; Nuclear Reactors; Radioactive Isotopes; Water Pollution Sources; ...2.1445

DEFINITION OF THE MIXING ZONE FOR WASTE EFFLUENT DISCHARGED INTO SURFACE WATERS ...Aerial Photography -see Photo.; Dispersion (water); Energy Conversion; Model Studies; Physical Models; Water Pollutants - Path of; ...2.1460

PILOT STUDIES IN THE RESTORATION OF THE PHYSICAL ENVIRONMENT OF A STREAM TO MAINTAIN A CLEAN WATER FLORA AND FAUNA ...Animal Productivity; Filtration; Pilot Plants; Rehabilitation -streams -lakes; Size; Water Quality Control -general; ...2.1462

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Amaranthaceae; Effluent-standards; Eutrophication; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Physiography -general; Pontederiaceae; Sewage; ...2.1467

THERMAL AND CONVENTIONAL RIVER POLLUTION ...Atomic Plants; Chemical Water Properties; Legislation - Zoning; Tennessee River; Water Quality Control -general; ...2.1472

FACTORS INFLUENCING THE PRODUCTION OF PLANKTONIC AND BENTHIC PLANTS ...Algal Physiology; Chemical Water Properties; Nutrients; Optical Properties of Water; Phytoplankton; Plant Succession; Water Pollution Sources; ...2.1473

ENVIRONMENTAL STUDY OF PORT PHILLIP BAY ...Algae - nonspecific; Bays; Color (water); Environment; Organic Matter; Waste Treatment; Water Quality Control -general; ...2.1485

IRRIGATION OF CITRUS WITH WASTE WATER ...Absorption (incl. Adsorption); Citrus; Food Processing Industries, Industrial Wastes; Irrigation; Sewage; Water Application Methods; ...2.1526

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Chemical Water Properties; Ecological Effects; Environmental Influences; India; Lower Plants; Organic Water Properties; Physiological Effects; ...2.1549

WATER QUALITY - CEDAR BLUFF IRRIGATION DISTRICT, KANSAS ...Chemical Water Properties; Groundwater; Kansas; Salinity (water); Seepage (water); Water Quality -general; ...2.1556

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - FISH DISTRIBUTION ...Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Industrial Wastes; Vertical Distribution; ...2.1559

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Captive Rearing; Fish; Physiological Effects; Tennessee River; ...2.1560

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - WATER QUALITY EFFECTS ...Acidity (water); Atomic Absorption; Gas Chromatography; Mineralogical Water Properties; Waste Management -see Specific; ...2.1561

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - BENTHOS DISTRIBUTION ...Benthic Organisms -nonspecific; Bottom Sampling; Contamination - Water; Ecological Effects; Industrial Wastes; Tennessee River; Vertical Distribution; ...2.1562

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Aquatic Soils; Atomic Absorption; Bottom Sampling; Chemical Analysis (water); Industrial Wastes; Water Pollution Effects; ...2.1563

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - CHEMICAL CONCENTRATION IN FISH ...Bioassays; Contamination - Water; Fish; Industrial Wastes; Physiological Effects; ...2.1564

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Dipterex; Endrin, Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Benthic Fauna; Energy Conversion; Estuaries; Fish & Shellfish Biology; Maine; Physical Water Properties; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1568

PHOSPHATE EXCHANGE WITH SEDIMENTS ...Analysis and Detection; Chemical Water Properties; Eutrophication; Sedimentation; Water Quality Control -general; ...2.1582

ENVIRONMENTAL STUDIES ON THE MISSISSIPPI RIVER ...Ecological Effects; Energy Conversion; Mathematical Models; Mississippi River; Thermal Pollution; ...2.1612

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific; Algal Physiology; Ecological Effects; Forecasting - Prediction; Management; Nutrients; Sewage Treatment Plant; Water Pollutant Identification; ...2.1646

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; Zinc; ...2.1648

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific; Alkalinity (water); Amphibious Plants; Atomic Plants; Crustacea; Environmental Ecology; Fish; Induced Temperature; Mineralogical Water Properties; Mollusca; Ponds; Temperature (water); ...2.1661

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; Industrial Wastes; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Tillage, Cropping Systems; Waste Water Treatment - general; Water Pollution Effects; ...2.1665

EFFECTS OF SUGAR REFINING LOGOON EFFLUENTS ON FARGO CLAY ...Biochemical Oxygen Demand; Chemical Effects; Infiltration; Sewage Lagoons; Tillage, Cropping Systems; ...2.1666

EFFECTS OF CHEMICALLY AND BIOLOGICALLY MODIFIED PULPING EFFLUENTS ON THE PRODUCTION OF FISH ...Animal Productivity; Fish and Shellfish; Irrigation; Pollution Effects -see Water; Tides; Water Purification; ...2.1676

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Chemical Analysis -general; Dispersion (water); Industrial Wastes; Marine Photography- Television; Oregon; Pulp and Paper Wastes; Sea Water Sampling, Surveying; ...2.1678

EFFECTS OF PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Animal Productivity; Biological Effects; Contamination - Water; Fish and Shellfish; Oregon; Population Dynamics -general; ...2.1685

EFFECTS OF KRAFT PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Contamination - Water; Fish and Shellfish; Fish Food Organisms; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; ...2.1687

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies; Atomic Plants; Environmental Physiology; Invertebrate Physiology; Nuclear Reactors; Reactor Sites & Rad Waste; Thermal Pollution; Water Standards & Baselines; ...2.1708

THE DISTRIBUTION AND DENSITY OF MACROBENTHOS IN LAKE ARLINGTON, TEXAS ...Animal Succession; Arthropods; Ecological Effects; Lakes; Range Or Territorial Distr.; Texas; ...2.1724

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

EFFECTS OF SELECTED POLLUTANTS ON CERTAIN GAME AND ROUGH FISH ...Contamination - Water; Environmental Physiology; Industrial Wastes; Pollution Effects -see Water; Water Quality Control -general; ...2.1732

A STUDY OF THE EFFECTS OF DESALINATION PLANT EFFLUENTS ON MARINE BENTHIC ORGANISMS ...Animal Productivity; Bioassays; Brines; Commercial Fishing; Desalination; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pollution Effects -see Water; Salinity (water); ...2.1733

EFFECTS OF TOXICANTS UPON FISH MOVEMENT PATTERNS ...Contamination - Water; Industrial Wastes; Pilot Plants; Water Pollutant Identification; ...2.1744

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Catostomidae, Manganese; Mining Industry; Pollution Effects -see Water; Sediments; Toxic Minerals; Water Purification; ...2.1746

ECOLOGICAL CHARACTERISTICS OF THE COLUMBIA RIVER ...A'gae -nonspecific; Aquatic Ecology - Animal; Circulation (water); Contamination - Water; Periphyton; Plankton; Population Dynamics -general; Radioisotopes; Temperature (water); Water Cycle; Water Pollution Sources; ...2.1752

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Conflicts; Ecological Effects; Electric Power Plants; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Synoptic Weather Observations; Thermal Pollution; ...2.1755

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants; Filtration; Model Studies; Power Plants - see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

SIMULATION MODELING OF ENVIRONMENTAL EFFECTS OF THERMAL GENERATION ...Atomic Plants; Columbia River; Electric Power Plants; Environment; Great Lakes -see Specific Lake; Model Studies; Simulation Theory; ...2.1759

PERFORMANCE OF REGIONALLY RELATED TREATMENT PLANTS ...Effluent-standards; Mathematical Models; Process Design; Sewer Systems; Stochastic Processes; ...2.1821

LEGAL ASPECTS OF WATER POLLUTION CONTROL THROUGH IMPLEMENTATION OF THE EFFLUENT CHARGE CONCEPT ...Legal Studies; Maine; State Government; Water Quality Control -general; Water Standards & Baselines; ...2.1838

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Community - Social Studies; Legal Studies; Optimization, Economic; Water Costs; Water Resources Planning; Water Standards & Baselines; Welfare Economics; ...2.1844

MANAGEMENT ASPECTS OF THERMAL POLLUTION CONTROL ...Biological Effects; Electric Power Plants; Energy Conversion; Environmental Geology; Outlets; Thermal Pollution; ...2.1849

ECONOMICS OF WATER QUALITY CONTROL IN THE UPPER MISSISSIPPI RIVER (MINNESOTA) ...Benefit-cost Analysis; Disposal Wastes; Minnesota; Model Studies; Waste Treatment Economics; Water Purification; Water Resources Planning; ...2.1860

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Industrial Wastes; Irrigation; Legal Studies; Sanitary Landfills; State Government; Water Quality -general; Water Rights; Water Utilization -domestic; ...2.1862

ADAPTIVE CONTROL THEORY APPLIED IN A CLASS OF DYNAMIC POLLUTION PROBLEMS ...Waste Treatment; Water Pollution -see Specifics; Water Pollution Sources; Water Quality Control -general; ...2.1872

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Delaware River; Estuaries; Industrial Wastes; Sedimentation; Waste Disposal-see Solid Waste; Water Resources Development; Water Utilization -general; ...2.1903

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Industrial Wastes; Management (water); Potomac River; Systems Analysis - Water Mgmt; Water Costs; Water Quality Control -general; ...2.1905

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

ECONOMIC EFFECTS OF SUBSIDIES FOR POLLUTION ABATEMENT ...Cost-benefit Analysis; Costs -see Economics Entries; Expenditures; Fiscal Analysis -general; Government -see Federal Gov.; Water Pollution Abatement; Water Standards & Baselines; ...2.1914

STUDY OF THE APPLICABILITY OF EFFLUENT CHARGES TO WATER QUALITY MANAGEMENT IN THE STATE OF WISCONSIN .. Economic Impact; Literature Search; Water Costs; Water Resources Planning; Wisconsin; ...2.1935

THE ROLE OF SOIL IN FARM WASTE MANAGEMENT ...Agricultural Runoff; Farm Pond; Sediments; Soil Chemical Properties; Soil Organic Content; ...3.0001

SLIME CONTROL ASSOCIATED WITH PULP MILL EFFLUENTS ...Bacterial Pollutant Sources; Carbon; Industrial Wastes; Process Design; Pulp and Paper Wastes; ...3.0038

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

SWINE WASTE TREATMENT AND DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Irrigation; Sewage Lagoons; Waste Disposal on Soils; ...3.0058

WASTE DISPOSAL IN RURAL AREAS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Connecticut; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rural Areas; Septic Tanks; Waste Disposal on Soils; Water Pollutant Identification; ...3.0098

SENSORS FOR CONTROLLING THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Detectors and Sensors; Economic Efficiency; Georgia; Waste Treatment Economics; ...3.0116

CHLORINE CONTACT TANK DESIGN ...Chemical Analysis - general; Disinfection; Flume Studies; Physical Models; Tanks; ...3.0130

FARM ANIMAL WASTE DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Chemical Oxygen Demand; Farm Animal Wastes; Lagoon; Noise -see Noise; Recycle Water; Sus; ...3.0145

LAGOONS FOR DISPOSAL OF BARN YARD WASTES ...Aeration (water); Bos; Farm Animal Wastes; Lagoon; Microorganisms -nonspecific; Sewage Lagoons; Taste & Odor of Water; ...3.0152

DISPOSAL OF WASTES FROM SWINE FEEDING FLOORS TO MINIMIZE STREAM POLLUTION ...Animal Wastes - Feed Lots; Chlorine; Farm Animal Wastes; Lysimeters; Percolation (water); Sprinkler Irrigation; Water Application Methods; ...3.0166

FLOWING BIOLOGICAL SYSTEM IN AQUACULTURE, SEWAGE TREATMENT AND POLLUTION ASSAY ...Coastlines - Shorelines; General Recreation Studies; Recreation, Water Resources; Sewage; Waste Water Treatment -general; ...3.0178

FARM ANIMAL WASTE DISPOSAL ...Animal Wastes - Feed Lots; Climates -general; Farm Animal Wastes; Microorganisms - nonspecific; Solid Waste; Waste Disposal on Soils; ...3.0197

EFFECT OF PRESYNTHESIZED BIOLOGICAL INTERMEDIATES ON SUBSTRATE UTILIZATION RATES ...Anaerobic Wastewater Treatment; Methane Bacteria -nonspecific; Waste Water Treatment -general; ...3.0204

SOLID AND LIQUID WASTES ...Activated Sludge; Flocculation; Salmonella -nonspecific & -ot.; Solid Waste; Waste Water - general; ...3.0219

SURVEY OF PULP AND PAPER MILL EFFLUENT CONTROL AND TREATMENT ...Industrial Wastes; Pulp and Paper Wastes; Survey Studies (water); Waste Water Treatment -general; Water Pollution Abatement; Water Quality Control -general; Water Resources Protection; ...3.0255

WASTE TREATMENT FACILITIES DEMONSTRATION ...Animal Wastes - Feed Lots; Farm Animal Wastes; Livestock -nonspecific; Pilot Plants; Red River; ...3.0258

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bos; Drainage; Lysimeters; Rural Areas; Sewage; Soil Aeration; Soil pH; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Farm Animal Wastes, Groundwater; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Trickling Filters; Waste Disposal on Soils; Water Quality Control -general; ...3.0279

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Growth; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0298

DESIGN OF FACILITIES FOR ANIMAL WASTE DISPOSAL ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Farm Animal Wastes; Pilot Plants; Puerto Rico; ...3.0306

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Infiltration; Organic Water Properties; Pilot Plants; Safety -see Farm Safety; South Carolina; Waste Management -see Specific; Water Purification; ...3.0310

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Costs -see Economics Entries; Food Processing Industries; Industrial Wastes; Plant Waste Removal, Treatment; South Carolina; Waste Disposal on Soils; Waste Water Treatment -general; ...3.0311

APPLICATION OF HYPERFILTRATION WITH DYNAMICALLY-FORMED MEMBRANES TO TREATMENT OF MUNICIPAL SEWAGE EFFLUENTS ...Activated Sludge; Effluent-standards; Electrochemistry; Membranes; Porosity; Sewage; Tertiary Treatment; ...3.0319

UTILIZATION OF FOOD PROCESSING PLANT EFFLUENTS AND THEIR EFFECTS ON SOILS AND CROPS ...Chemical Analysis (water); Food Processing Industries; Mineral Nutrition; Plant Response to Env. -ns; Plant Waste Removal, Treatment; Soil Chemical Properties; ...3.0335

A MATHEMATICAL MODEL FOR THE FINAL CLARIFIER OF AN ACTIVATED SLUDGE PROCESS ...Activated; Economic Theory; Model Studies; Thickening; ...3.0354

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS ...Algae -nonspecific; Chlorination; Pseudomonas; Sewage; Sewage Lagoons; Water Pollution -see Specifics; Zooplankton; ...3.0356

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Industrial Wastes; Nutrients; Waste Drying; ...3.0367

EFFLUENT INFLUENCES OF THE MISSISSIPPI RIVER ON THE CHEMISTRY AND BIOLOGY OF ADJACENT OCEAN SYSTEMS ...Chemical Analysis (water); Chlorinated Hydrocarbons; Marine Pollution; Pesticides -see Pesticide; ...4.0022

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

ULTRA LOW LEVEL RADIONUCLIDE ANALYSIS ...Analysis and Detection; Chemical Analysis (water); Detectors and Sensors; Gamma Spectroscopy; Ion Exchange; Organic Matter; Trace Elements; ...5.0919

MECHANISMS OF ENVIRONMENTAL EXPOSURE ...Atomic Plants; Columbia River; Environmental Effects - Human; Radiologic Health; Washington; Zinc, ...5.0958

Fertilizers

FATE OF TRACE-METALS (IMPURITIES) IN SUBSOILS AS RELATED TO THE QUALITY OF GROUND WATER ...Agricultural Runoff; Groundwater; Lakes; Soil Chemical Properties; Soil Fertility; Soil Organic Content; Soil Texture; Tension and Measurement; Water Pollutants - Path of; Water Wells; ...2.0004

FORTY-YEAR FERTILIZER EFFECTS ON NO3 IN GROUND WATER ...Groundwater; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0045

IRRIGATION RETURN FLOW - NUTRIENT BALANCE ...Agricultural Runoff; Idaho; Nutrients; Pesticides -nonspecific; Salinity (water); Water Pollutants - Path of; ...2.0076

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Animal Wastes - Feed Lots; Contamination - Soil; Nutrients; Percolation (water); Soil Analysis; Soil Minerals -natural; Water Pollutants - Path of; ...2.0081

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Freezing & Below; Leaching; Nutrients; Range Management; Soil Chemical Properties; ...2.0082

THE QUANTITY & MOVEMENT OF NITRATES IN SOIL WATER IN TWO CONNECTICUT SOILS TREATED WITH HIGH & LOW LEVELS OF INORGANIC NITROGEN FERTILIZER ...Groundwater; Lysimeters; Soil Depth; Soil Moisture; Tension and Measurement; Zea Mays - Field Corn; ...2.0089

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

RELATIVE LEACHING RATES OF COMMON NITROGEN CARRIERS FROM SANDY SOILS ...Biological Effects; Eutrophic Lakes; Florida; Nutrients; Sandy Soils -see Soil Type; ...2.0109

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Biological Water Properties; Chemical Water Properties; Chlorine; Drainage; Irrigation; Mineralogical Water Properties; Soil Chemical Properties; Temperature (water); Water Quality -general; ...2.0120

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AS AFFECTED BY IRRIGATION ...Aquifers; Chemical Analysis (water); Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Quality -general; ...2.0121

NITRATE IN SURFACE WATERS IN ILLINOIS ...Illinois; Small Watersheds; Soil Types -also See Specifics; ...2.0130

ROLE OF FERTILIZERS IN WATER POLLUTION ...Agricultural Runoff; Drainage; Leaching; Tillage, Cropping Systems; Water Table - Depth of; ...2.0134

ROLE OF NITROGEN FERTILIZERS IN WATER POLLUTION, AS AFFECTED BY RATE AND TIME OF APPLICATION ...Drainage; Illinois; Nitrogen and Nitrogen Cpds.; Water Pollutants - Path of; ...2.0135

EFFECT OF MINERAL ELEMENTS ON YIELD AND COMPOSITION OF CROPS AND ON SOIL CONDITIONS ...Mineral Nutrition; Mineralogy; Soil Chemical Properties; Soil Conditions; Water Pollutants - Path of; ...2.0148

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water); Alkalinity (water); Chemical Water Properties; Drainage; Drainage Engineering; Mineralogical Water Properties; Pesticide Residues; Phosphorus and Phosphorus Cpds; Zea Mays - Field Corn; ...2.0149

CONTROL OR PREVENTION OF SOIL AND WATER POLLUTION FROM FERTILIZERS ...Aquatic Soils; Groundwater; Microorganisms -nonspecific; Rock - Soil Pollution; Soil Chemical Properties; Soil Microbiology; Water Quality Control -general; ...2.0170

POLLUTION LOADS IN RUNOFF FROM SMALL AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Herbicides -nonspecific; Pesticides -nonspecific; Pesticides -see Pesticide; Water Movement -general; ...2.0174

RELATION OF AGRICULTURAL PRACTICES AND NATURAL VEGETATION TO NUTRIENT CONTENT OF WATERS ...Agricultural Runoff; Management (water); Plant Residues, Humus, Compost; Rainfall Simulators; Water Pollutants - Path of; ...2.0209

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

NITRATES IN WATER SUPPLIES ...Animal Wastes - Feed Lots; Soil Analysis; Soil Chemical Properties; Waste Disposal on Soils; Water Supply -general; ...2.0222

NITRATES IN PLANTS AND WATER SUPPLIES FROM NITROGEN FERTILIZATION ...Agricultural Runoff; Clay Soils; Groundwater; Soil Depth; Soil Types -also See Specifics; Water Wells; ...2.0223

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Iowa; Loess -see Soil Types; Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

THE POTENTIAL CONTRIBUTION OF FERTILIZERS TO WATER POLLUTION ...Agricultural Runoff; Erosion; Forecasting - Prediction; Leaching; Model Studies; Nitrogen and Nitrogen Cpds.; Rain; Soil Moisture; Temperature - Air; ...2.0250

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

WATER CONTAMINATION BY FERTILIZER NITROGEN AND PHOSPHORUS ...Agricultural Runoff; Nitrogen and Nitrogen Cpds.; North Carolina; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Subsurface Runoff; ...2.0294

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Groundwater; Pesticide Aquatic Cycling;

Pesticides -nonspecific; Radiochemical Analysis; Soil Chemical Properties; Water Pollutants - Path of; Water Quality -general; ...2.0314

YIELD OF NUTRIENTS FROM AGRICULTURAL LAND TO WATER SOURCES ...Chemical Analysis (water); Loam -see Soil Types; Sandy Soils -see Soil Type; Silty Soils; Soil Depth; Soil Types -also See Specifics; ...2.0353

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Gulf of Mexico; Lead; Marine Geology; Nuclear Radiation; Radiochemical Analysis; Runoff (water); Streams; ...2.0380

EFFECTS OF FURROW, SPRINKLER AND SUBIRRIGATION METHODS ON POTENTIAL POLLUTION OF GROUNDWATER BY NITRATES AND OTHER SOLUTES ...Economic Feasibility; Furrow Irrigation; Irrigation; Nitrification; Soil Moisture; Subsurface Irrigation; Water Pollutants - Path of; ...2.0381

MINIMIZING SOIL AND WATER POLLUTION FROM FERTILIZERS AND IRRIGATION WATERS--RIO GRANDE PLAIN ...Denitrification; Effluents - Waste Water; Groundwater; Rio Grande River; Soil Analysis; Soil Profile; ...2.0391

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Computer Models; Drainage; Impaired Water Use; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Moisture; Soil Water Plant Relationships; ...2.0513

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering - geologic; ...2.0566

LAKE SUPERIOR PERIPHYTON IN RELATION TO WATER QUALITY ...Animal Interrelationships -gen; Balance of Nature - Plants; Contamination - Water; Nutrients; Plankton; ...2.0644

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Agricultural Runoff; Atrazine; Irrigation; Leaching; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Tillage, Cropping Systems; ...2.0725

GEOCHEMISTRY OF WATERS OF THE HOG CREEK BASIN - HAMILTON, CORYELL, AND BOSQUE COUNTIES, TEXAS ...Agricultural Runoff; Animal Pollutant Sources; Chemical Water Properties; Geology -general; Plant Pollutants; Soil Fertility; Texas; ...2.0826

MINIMIZING NITRATE POLLUTION OF GROUNDWATER AND STREAMS ...Absorption (incl. Adsorption); Groundwater; Nitrogen Cycle -see Denitrif.; Rhizosphere; Soil Profile; ...2.1013

REMOVAL OF NITROGENOUS COMPOUNDS FROM A FERTILIZER PLANT EFFLUENT USING A MODIFIED OPERATION OF CONVENTIONAL WASTE TREATMENT SYSTEMS ...Aeration (water); Denitrification -see Nitrogen; Ion Exchange; Precipitation; Trickling Filters; ...2.1417

INVESTIGATION OF RICE IRRIGATION RETURN FLOWS - TEXAS COASTAL PRAIRIE REGION ...Agricultural Runoff; Irrigation; Pesticides -nonspecific; Soil Fertility; Water Quality - general; ...2.1421

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Animal Productivity; Benthic Fauna; Diatoms (see Also Algae); Energy Budgets; Fish; Marine Plants; New England Province; Oxygen Content (water); Sewage; ...2.1586

EFFECTS OF RECENT AND PAST PHOSPHATE FERTILIZATION ON THE AMOUNTS OF PHOSPHORUS PERCOLATING THROUGH SOIL PROFILES INTO SUBSURFACE WATERS. ...Adsorption; Mineralogy; Model Studies; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Organic Content; ...2.1616

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER ...Analysis and Detection; Herbicides -nonspecific; Liquids; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Reflection; Soil Fertility; Water; ...2.1618

INFLUENCE OF FERTILIZER PRACTICES ON WATER AND THE QUALITY OF THE ENVIRONMENT ...Animal Wastes - Feed Lots; Groundwater; Mans Pollutional Activities; Soil - Crop Relationships; Soil Nutrient Cycling; Water Table; ...2.1635

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

SOIL FERTILITY MAINTENANCE WITH FERTILIZERS, CROP RESIDUES, AND ANIMAL WASTES ...Animal Wastes - Feed Lots; Climates -general; Cynodon; Groundwater; Piedmont Province; Plant Tissue Analysis -chem.; Soil Moisture; Tillage, Cropping Systems; Zea Mays - Field Corn; ...3.0368

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Carbamates -nonspecific; Land Use; Monitoring Systems; Nutrients; Pesticides -see Pesticide; Soil Analysis; ...4.0056

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Agricultural Runoff; Degradation -see Pesticide Deg; Drainage; Endrin; Floods; Pesticide Residues; Saccharum; Water Pollutants - Path of; Water Table - Depth of; ...4.0115

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology, Soil Organic Content; Water Pollutants - Path of; ...4.0164

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

Forest Debris

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; 2.0013

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties - general; Weathering Products; ...2.0087

DEGRADATION OF RIPARIAN LEAVES AND THE RECYCLING OF RELEASED NUTRIENTS IN A STREAM ECOSYSTEM ...Chemical Water Properties; Degradation -see Pesticide Deg; Ecological Effects; Energy Budgets; Nutrients: Organic Matter; Physical Water Properties; ...2.0162

STUDIES ON EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Chemical Water Properties; Forest Cutting Operations; Forest Watersheds; Optical Properties of Water; Periphyton; Primary Productivity - Plants; Suspension; ...2.0321

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki;

Spawning -see Fish & Shellfish; Suspension; Water Supply - general; ...2.0322

INFLUENCE OF LOG RAFTING ON WATER QUALITY ...Degradation -see Pesticide Deg; Fresh Water; Lumbering - general; Northwest U. S.; Pulp and Paper Wastes; ...2.0327

PLANT PHENOLS AND RELATED ORGANIC COMPOUNDS IN PUBLIC WATER SOURCES, THEIR RELATIONSHIP TO CHLORINATION ...Chlorination; New England Province; Phenols; Toxicology; Water Pollution Effects; ...2.0354

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Forecasting - Prediction; Lumbering -general; Roads & Highways -see Highways; Sediments; Solar Radiation -sunshine; ...2.0746

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

LIMNOLOGICAL EFFECTS OF ORGANIC WATERSHED LITTER ...Forest Litter, Duff & Humus; Forest Watersheds; Lakes; Organic Matter; Physiological Effects; ...2.1480

HYDROLOGY OF SMALL MOUNTAIN STREAMS ...Flow Characteristics (water); Hydrographs; Lumbering -general; Pulp and Paper Wastes; ...2.1680

IMMEDIATE EFFECTS OF LOGGING ON THE FRESHWATER ENVIRONMENT OF SALMONIDS ...Acidity (water); Circulation (water); Lumbering -general; Population Dynamics -general; Salmonidae; Temperature (water); ...2.1681

EFFECTS OF LOGGING ON SALMON POPULATIONS IN COASTAL STREAMS ...Animal Migration; Coastlines - Shorelines; Fish and Shellfish; Forest Watersheds; Lumbering - general; Oregon; Pseudotsuga; ...2.1688

CHEMICAL REACTIONS OF WOODS AND BARKS ...California; Combustion; Fuels; Industrial Wastes; Pulp and Paper Wastes; Pulp-waste; Water Chemistry; Wet Oxidation; ...3.0065

MULTI-PURPOSE UTILIZATION OF HARDWOOD BARK THROUGH CHEMICAL MODIFICATION ...Air Pollution; Construction Materials; Fire; Materials -properties; Materials, Composite; Product Development Research; ...3.0370

Fungal Pollutant Sources

MICROFUNGI IN THE WATER, LITTER AND MUD OF A CATTAIL MARSH BORDERING LAKE BUTTE DES MORTS ...Bottom Sampling; Fungi -nonspecific; Lower Plants; Swamps - Marshes; Water Pollution Abatement; Wisconsin; ...2.1139

CONTROL OF GEOTRICHUM CANDIDUM IN BIOLOGICAL WASTE TREATMENT ...Carbon; Coagulation; Geotrichum; Sewage Lagoons; Waste Water Treatment -general; Zinc; ...2.1410

MICROBIOLOGICAL INVESTIGATIONS ...Algal Pollutant Sources; Construction Materials; Corrosion, Deterioration; Microorganisms -nonspecific; Taxonomy -plant; Water Pollution Sources; ...2.1511

Industrial Wastes

THE INFLUENCE OF DECOMPOSING SALMON ON WATER CHEMISTRY ...Alaska; Chemical Water Properties; Food Processing Industries; Nitrogen and Nitrogen Cpds.; Nutrients; Physiological Effects; Water Pollutants - Path of; ...2.0010

TRACE AND TRACER ELEMENTS IN GROUND WATER: PHASE III ...Arizona; Chemical Analysis (water); Groundwater; Lead; Natural Recharge; Soil Chemical Properties; Water Pollution Sources; Zinc; ...2.0017

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES. I. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE ...Algae - Chlorophyta; Cell Injury and Autolysis; Chemical Mutagenesis; Metabolism of Algacides; Plant Ecology -nonspecific; Radiation Sources -general; X and Gamma Rays; ...2.0027

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

POLLUTION IN HAWAIIAN WATERSHEDS ...Bacterial Pollutant Sources; Biological Water Properties; Chemical Water Properties; Hawaii; Nutrients; Water Pollutant Identification; Water Pollution Effects; Water Pollution Sources; Watersheds; ...2.0118

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination - Water; Data Reduction and Analysis; Physical Water Properties; Pollution Effects -see Water; Primary Productivity - Plants; Sewage; Water Quality -general; ...2.0119

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Water Properties; Eutrophic Lakes; Eutrophication; Iowa; Oxygen Content (water); Water Pollutants - Path of; Water Quality Control -general; ...2.0144

THE TRANSIENT BEHAVIOR OF RECHARGE-DISCHARGE AREAS IN REGIONAL GROUND WATER SYSTEMS ...Aquifers; Groundwater Basins; Mathematical Analysis; Recharge (water); Water Pollution Sources; ...2.0173

MICROBIAL DEGRADATION OF ORGANIC POLLUTANTS OF INDUSTRIAL ORIGIN ...Bacterial Population Surveys; Pilot Plants; Radioisotopes -nonspecific; Toxic Substances; Waste Water Treatment -general; ...2.0176

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography; Forecasting - Prediction; Land Use; New Jersey; River Basins; Urban Environment; Urban Research; Water Pollution Sources; Water Utilization -domestic; ...2.0251

SOURCE, FATE AND EFFECT OF NUTRIENTS ADDED TO NORTH CAROLINA ESTUARIES ...Estuaries; Nutrients; Water Pollutants - Path of; Water Pollution Sources; ...2.0290

PHOSPHATE MINING EFFLUENT IN ESTUARINE ECOLOGY ...Amphibious Plants; Contamination - Water; Ecological Effects; Estuaries; Mining Industry; Phosphorus and Phosphorus Cpds; Pollution Effects -see Water; Toxic Minerals; ...2.0292

STRIP-MINING AND WATER QUALITY ...Chemical Analysis (water); Mine Wastes; Ohio; Spoil Banks; Strip Mines; Water Quality -general; ...2.0304

THE CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PETROCHEMICAL WASTES ...Chemical Industry; Chemical Manufacturing Wastes; Groundwater; Petroleum Industry; Petroleum Wastes - Spillage; Water Pollution Effects; ...2.0310

SEPARATION AND IDENTIFICATION OF TOXIC COMPOUNDS IN OIL REFINERY EFFLUENTS ...Atomic Absorption; Chromatography; Effluents - Waste Water; Mass Spectroscopy; Petroleum Research; Waste Management -see Specific; Waste Water Treatment -general; ...2.0316

OPTIMAL RECREATIONAL DEVELOPMENT IN URBAN RIVERINE AREAS ...Costs -see Economics Entries; Optimization, Economic; Reservoirs and Impoundments; Savings and Investment; Urban Environment; Urban Research -general; ...2.0346

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties; Contamination - Water; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of; Water Pollution Sources; Water Quality -general; ...2.0400

THE ROLE OF PAPER MILL ADDITIVES AS POTENTIAL STREAM POLLUTANTS ...Activation Analysis; Additives; Atmospheric and Environmental; Pulp and Paper Wastes; Waste Treatment; Water Quality Control -general; ...2.0412

LEAD IN AQUATIC ENVIRONMENTS ...Air Pollution; Estuaries; Lead; Ocean Mixing; Puget Sound; Seasonal Studies; Water Cycle; Water Standards & Baselines; ...2.0425

TOLERANCE AND CYTOLOGICAL RESPONSE OF ALGAE TO MINE WATER ...Acidity (water); Algae -nonspecific; Contamination - Water; Water Pollution Effects; ...2.0430

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Ionic Effect; Sewage; Water Pollution Sources; ...2.0434

INDUSTRIAL WATER POLLUTION CONTROL PROBLEMS ...Water Pollutant Identification; Water Quality Control -general; ...2.0494

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

THE DEGREE OF FECAL POLLUTION IN THE WATER OF REGIONS OF THE EASTERN DISTRICTS, BY A NEW COMBINED CHEMICAL-MICROBIOLOGICAL METHOD ...Canada; Coliforms -nonspecific; Lead; Mercury; Sewage; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0506

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Marine Animals; Nematoda; Plant Ecology -nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

DETERMINATION OF DEGRADED DYES AND AUXILIARY CHEMICALS IN EFFLUENTS FROM TEXTILE DYEING PROCESSES ...Chromatography; Dye Wastes; Lagoon; Spectrographic Techniques; Textile Industry; Waste Water Treatment - general; ...2.0555

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Contamination - Water; Fish; Illinois; Invertebrates -nonspecific; Organic Matter; Pollution Effects -see Water; Sediments; ...2.0576

THE SEPARATION AND IDENTIFICATION OF TRACE ORGANICS OF INDUSTRIAL ORIGIN IN NATURAL WATERS ...Adsorption; Concentration; Gas Chromatography; Infrared Spectroscopy; Organic Matter; Spectrographic Techniques; ...2.0581

WATER POLLUTION STUDY OF THE WABASH RIVER ...Data Acquisition; Indiana; Model Studies; Urban Environment; Wabash River; Water Pollution Sources; Water Quality -general; ...2.0583

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - EFFECTS ON INDICATOR ORGANISMS ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Bottom Sampling; Effluents - Waste Water; Mollusca; Water Pollutant Identification; ...2.0597

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Detergents -see Surfactants; Lasers and Masers; Mass Spectroscopy; Pesticides -see Pesticide; Petroleum Research; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

DISPOSAL OF PAPER MILL EFFLUENT THROUGH IRRIGATION OF BOTTOMLAND HARDWOOD UNDER LOUISIANA CONDITIONS ...Disposal Wastes; Forest Environment -general; Irrigation; Louisiana; Pulp and Paper Wastes; Waste Disposal on Soils; Water Quality Control -general; ...2.0605

PHYSICAL AND CHEMICAL CHARACTERISTICS OF MAINE STREAMS AND RIVERS ...Chemical Water Properties; Maine; Physical Water Properties; Water Pollution Sources; ...2.0606

WATER RESOURCES OF RANKIN COUNTY ...Aquifers; Groundwater; Mississippi; Water Supply Augmentation; Water Wells; ...2.0650

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Habitat Studies; Boat Discharges; Forecasting - Prediction; Mathematical Models; New York; Swamps - Marshes; Water Bacteria; Waterfowl -nonspecific; ...2.0693

BIOLOGICAL MONITORING. ...Animal Habitat Studies; Contamination - Water; Pollution Effects -see Water; Pulp and Paper Wastes; Water Pollutant Identification; ...2.0711

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation; Aquatic Ecology - Animal; Bottom Sampling; Chlorine; Core Analysis; Nematoda; Population Dynamics - general; Rural Areas; Size; ...2.0776

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Chemical Water Properties; Contamination - Water; Growth; Periphyton; Physiological Effects; Plant Habitat Studies; Sewage; Water Pollutant Identification; Water Pollution Sources; ...2.0778

FEASIBILITY STUDY OF WATER RESOURCE POLLUTANT IDENTIFICATION BY DIGITAL COMPUTER ANALYSIS OF REMOTE INFRARED SENSOR SPECTRAL INTENSITIES ...Aircraft Remote Sensing; Instrument Services; Man Machine Systems; Optical Detectors; Radiation Detectors; Thermal Pollution; ...2.0793

EFFECTS OF INDUSTRIAL EFFLUENTS ON PRIMARY PHYTOPLANKTON INDICATORS ...Diatoms (see Also Algae); Effluents - Waste Water; Ionic Effect; Phytoplankton; Statistics; Tracers; ...2.0802

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Analysis and Detection; Fuels; Lakes; Lead; Mineralization; Recreation, Water Resources; Types of Resources; Water Pollutant Identification; ...2.0807

BIOLOGICAL STREAM SURVEILLANCE ...Benthic Organisms - nonspecific; Bottom Sampling; Ecological Effects; Survey Studies (water); Taxonomy -plant; West Virginia; ...2.0850

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl. Adsorption); Arsenic; Chemical Properties; Contamination - Soil; Particulates - Air Pollution; Precipitation; Soil Chemical Properties; Water Pollutants - Path of; ...2.0862

EFFICIENCY OF FIBROUS BED COALESCERS ...Coalescence; Waste Management -see Specific; Waste Treatment Economics; ...2.0891

CONCENTRATION OF CHEMICALS BY FLOC FORMING ORGANISMS ...Aerobic Waste Water Treatment; Farm Animal Wastes; Product Development Research; Waste Water Treatment -general; ...2.0933

INDUCED AIR MIXING OF LARGE BODIES OF POLLUTED WATER ...Acidity (water); Density; Mathematical Models; Reservoirs and Impoundments; ...2.1031

OIL DISPERSION COALESCENCE BY POROUS SOLID CONTACT ...Boat Discharges; Filtration; Petroleum Wastes - Spillage; ...2.1042

LAKE ERIE DIKE ...Dams -general; Harbors; Iron and Steel Industry; Model Studies; Physical Models; Sediments; Waste Type; Waves -see Ocean Waves; ...2.1051

EVALUATION OF LOW-FLOW AUGMENTATION ON THE CHEMISTRY AND BIOLOGY OF THE BUFFALO RIVER, BUFFALO, NEW YORK ...Biological Water Properties; Chemical Analysis (water); Chemical Water Properties; New York; Sediments; Sewage; Water Supply Augmentation; ...2.1064

CONCENTRATION OF PHOSPHATES FROM INDUSTRIAL WASTES BY BLUE-GREEN ALGAE ...Algae - Cyanophyta; Algal Physiology; Estuaries; Marine Plants; Waste Water Treatment -general; ...2.1073

FILTRATION OF KRAFT PULP LIQUOR THROUGH CHIPS ...Acidity (water); Effluents - Waste Water; Filters-filtration; Filtration; Pulp and Paper Wastes; Waste Water Treatment -general; ...2.1074

DISCHARGE OF NEGATIVELY BUOYANT FLUIDS ...Data Networks; Density; Energy Conversion; Fluid Mechanics; Mathematical Models; Stratification (water); ...2.1101

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency; Flow Characteristics (water); Model Studies; North Carolina; Systems Analysis - Water Mgmt; Water Quality - general; Water Resources Protection; ...2.1104

METAL ION-CATALYZED OXIDATION OF PHENOLS AND AROMATIC AMINES ...Catalysis, Homogeneous; Chelation & Complexing; Isotope Tracer -see Tracers; Mechanism Determination; Organics; Oxygen; ...2.1109

THE RECOVERY RATE OF AQUATIC COMMUNITIES OF STREAMS RECEIVING ACID MINE DRAINAGE ...Acid Mine Drainage; Benthic Fauna; Mining Industry; Physiological Effects; Rehabilitation -streams -lakes; Sewage; ...2.1119

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; Water Quality -general; ...2.1129

SHALLOW GROUND-WATER FLOW SYSTEMS IN RELATION TO INDUSTRIAL AND MUNICIPAL WATER SUPPLY AND WASTE DISPOSAL REQUIREMENTS ...Canning Wastes -see Food Proc.; Farm Animal Wastes; Groundwater Movement; Pond; Pulp and Paper Wastes; Soil Tillage; Urban Research -general; ...2.1138

GAMMA RADIATION OF TEXTILE WASTE WATER TO REDUCE POLLUTION ...Biochemical Oxygen Demand; Chemical Mechanisms & Kinetics; Detergents -see Surfactants; Radiolysis; Temperature; Textile Industry; Waste Water Treatment -general; ...2.1141

COLOR REMOVAL FROM TEXTILE DYE WASTES BY COAGULATION ...Biochemical Oxygen Demand; Coagulation; Color; Color (water); Dye Wastes; Electrochemistry; Textile Industry; ...2.1142

TREATMENT AND DISPOSAL OF COMPLEX CHEMICAL WASTES ...Chemical Industry; Disposal Wastes; Injection Wells; Waste Disposal, Underground; Waste Treatment; ...2.1146

COMPATIBILITY OF SUBSURFACE RESERVOIRS WITH INJECTED LIQUID WASTES ...Chemical Analysis (water); Economic Efficiency; Porosity; Sediment Lithification; ...2.1149

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff, Arizona; Impaired Water Use; Irrigation; Parks; Runoff (water); Turf; Waste Disposal on Soils; ...2.1156

REDUCING POLLUTION FROM POTATO AND ROOT VEGETABLE PEELING ...Canning Wastes -see Food Proc.; Food Processing Industries; Lye; Plant Waste Removal, Treatment; Water Quality Control -general; ...2.1162

DRY CAUSTIC PEELING OF TREE FRUIT TO REDUCE LIQUID WASTE VOLUME AND STRENGTH ...Chemical Oxygen Demand; Food Processing Industries; Lye; ...2.1166

THE IMPACT OF MUNICIPAL SEWERAGE CHARGES ...Costs -see Economics Entries; Economic Impact; Price & Value -see Economics; Public Utilities; Sewage; Waste Treatment Economics; ...2.1194

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Foreign Agriculture; Plant Waste Removal, Treatment; Product Development Research; Sewage; Water Pollution Abatement; Water Quality -general; ...2.1196

COMBINED COOLING AND BIO-TREATMENT OF BEET-SUGAR FACTORY CONDENSER WATER EFFLUENT ...Chemical Treatment (water); Condensers; Food Processing Industries; Organic Matter; Sugar Refining Wastes; Thermal Pollution; Waste Water Degradation; ...2.1201

TREATMENT OF BRASS MILL EFFLUENTS ...Casting of Materials; Coatings -see Materials; Dewatering; Effluents - Waste Water; Metal Processing Wastes; Pilot Plants; Sludge; Waste Treatment Economics; ...2.1208

THE CATALYTIC OXIDATION OF ORGANICS IN WASTE-WATER ...Catalysis; Chemical Industry; Chemical Treatment (water); Kinetics; Organic Matter; Oxidation; ...2.1211

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Plant Waste Removal, Treatment; Solid Waste; Water Costs; Water Resources Development; ...2.1213

IMPROVED EQUIPMENT AND OPERATING METHODS FOR POULTRY PROCESSING TO REDUCE WATER REQUIREMENTS ...Canning Wastes -see Food Proc.; Food Contamination; Food Engineering & Technology; Poultry Industry; Runoff (water); Water Conservation -general; ...2.1231

WASTE TREATMENT AND ANALYSIS FOR THE CITY OF MACON, GEORGIA ...Activated Sludge; Disposal; Pilot Plants; Pulp and Paper Wastes; Urban Environment; ...2.1234

MEASUREMENT OF ACTIVE BIOMASS CONCENTRATIONS IN BIOLOGICAL WASTE TREATMENT PROCESSES ...Cellular Physiology- Env. Eff.; Sewage - Domestic; Waste Management -see Specific; Water Pollution Sources; ...2.1237

TREATMENT OF SELECTED INTERNAL KRAFT MILL WASTES IN COOLING TOWERS ...Biochemical Oxygen Demand; Cooling Towers; Pilot Plants; Pulp and Paper Wastes; Waste Treatment Economics; ...2.1238

USE OF COAGULATION IN THE FLOTATION OF WASTE-WATER ...Biochemical Oxygen Demand; Coagulation; Flotation; Petroleum Wastes - Spillage; Sedimentation; Turbidity; Waste Management -see Specific; ...2.1247

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Canning Wastes -see Food Proc.; Food Processing Industries; Photometry; Plant Waste Removal, Treatment; Taste & Odor of Water; Waste Treatment Economics; Water Quality Control -general; ...2.1249

BIOMASS PRODUCTION FOR THE IMPROVEMENT OF THE QUALITY OF FOOD PROCESSING PLANT EFFLUENTS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Waste Water Treatment -general; ...2.1260

NONAQUEOUS TREATMENTS TO IMPROVE FABRIC PROPERTIES AND REDUCE WATER POLLUTION ...Chemical Mechanisms & Kinetics; Fabrication; Home Economics; Materials -properties; Textile Industry; Water Quality Control -general; ...2.1283

WARP SIZES THAT AVOID STREAM POLLUTION AND IMPROVE DURABLE-PRESS FABRICS ...Coatings -see Materials; Fibers; Home Economics; Materials -properties; Plastics; Textile Industry; Water Quality Control -general; ...2.1284

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Food Processing Industries; Gallus Domesticus; Infiltration; Nitrogen and Nitrogen Cpds.; Percolation (water); Phosphorus and Phosphorus Cpds; Soil Moisture; Sprinkler Irrigation; Water Quality -general; ...2.1287

EFFECTS OF ECONOMIC DEVELOPMENT UPON WATER RESOURCES ...Data Acquisition; Data Reduction and Analysis; Economic Impact; Forecasting - Prediction; Management (water); Model Studies; Water Pollution Abatement; ...2.1289

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; Water Reuse; ...2.1290

FLOCCULATION AND CLARIFICATION OF MINERAL SUSPENSIONS ...Electrochemistry; Flocculation; Iron; Minnesota; Streaming Potential; ...2.1311

EFFICIENCY AND ECONOMY OF POLYMERIC SEWAGE CLARIFICATION ...Combustible Filters; Flocculation; Recycle Water; Urban Research -general; Waste Treatment Economics; ...2.1315

RECLAMATION OF METAL VALUES FROM METAL-FINISHING WASTE TREATMENT SLUDGES ...Degradation; Oxidation; Reduction Reactions; Sludge; Waste Treatment; ...2.1333

DEEPWATER PILOT PLANT ENGINEERING AND INTERCEPTOR FEASIBILITY STUDY ...Biochemical Oxygen Demand; Delaware Bay; Dye Wastes; New Jersey; Pilot Plants; Waste Treatment Economics; ...2.1340

THE PRODUCTION AND USE OF ACTIVATED CARBON FOR WATER RENOVATION IN KRAFT PULP AND PAPER MILLS ...Florida; Pilot Plants; Pulp and Paper Wastes; Rehabilitation - streams -lakes; Waste Treatment Economics; ...2.1350

METAL REMOVAL/RECOVERY FROM POLLUTED WATER BY COMPLEXATION WITH LINEAR POLYELECTROLYTES ...Chelation & Complexing; Chemical Treatment (water); Desalination; Plastics; Waste Material Recovery; Zinc; ...2.1352

MARINE DISPOSAL OF FINE-GRAINED WASTE SOLIDS ...Benthic Organisms -nonspecific; Disposal; Harbors; Marine Biology - General; Marine Pollution; Ocean Dumping; Sea Water Properties; Solid Waste; ...2.1353

TEXTILE WASTE REDUCTION THROUGH RECOVERY AND REUSE OF SYNTHETIC WARP SIZES ...Biochemical Oxygen Demand; Burial; Burning; Textile Industry; Waste Material Recovery; Waste Water Degradation; ...2.1357

WATER POLLUTION REDUCTION THROUGH RECOVERY OF DESIZING WASTES ...Biochemical Oxygen Demand; Effluents - Waste Water; Textile Industry; Waste Material Recovery; ...2.1358

AN ECONOMIC STUDY OF MUNICIPAL SURCHARGES ON INDUSTRIAL WASTES ...Budgeting Analysis; Disposal Wastes; In-

dustry; Regression Analysis; Social Aspects; Urban Environment; Waste Treatment; ...2.1359

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Organic Matter; Seepage (water); Sewage Lagoons; Waste Management -see Specific; Water Pollutants - Path of; Water Quality - general; ...2.1360

CHARACTERIZATION OF FOOD PROCESSING WASTEWATERS ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Food Processing Wastes; Northwest U. S.; Plant Waste Removal, Treatment; ...2.1388

STUDY OF COSTS OF TREATING TEXTILE WASTES IN MUNICIPAL AND INDUSTRIAL SEWAGE PLANTS ...Georgia; Process Design; Textile Industry; Urban Environment; Waste Water Treatment -general; ...2.1416

MANAGEMENT OF INDUSTRIAL WASTE DISCHARGES IN COMPLEX ESTUARINE SYSTEMS ...Data Acquisition; Estuaries; Management (water); Model Studies; Salinity (water); Texas; Water Standards & Baselines; ...2.1425

TREATMENT OF DYEING BATH WASTE STREAMS BY FOAMING AND FLOTATION TECHNIQUES ...Adsorption; Chemical Effects; Dye Wastes; Fibers; Foam; Plastics; Southeast U. S.; Textile Industry; ...2.1441

PROCESSING PLANT EFFLUENTS FOR IRRIGATION IN COASTAL PLAINS OF NORTHEAST ...Biological Effects; Effluents - Waste Water; Food Processing Wastes; Irrigation; Lye; Plant Waste Removal, Treatment; Soil Chemical Properties; Water Reuse; ...2.1443

STREAM STRIPPING OF KRAFT PULP MILL EFFLUENT STREAMS ...Distillation; Odor; Organics; Pulp and Paper Wastes; Recycle Water; Waste Material Recovery; ...2.1445

POLLUTION PREVENTION BY AERATION OF FRUIT PROCESSING WASTES ...Activated; Aerobic Bacteria; Biochemical Oxygen Demand; Food Processing Industries; Lagoon; Plant Waste Removal, Treatment; Waste Drying; ...2.1449

COMBINED STEEL MILL AND MUNICIPAL WASTEWATERS TREATMENT ...Iron and Steel Industry; Ohio River; Rainfall - Runoff Relationship; Sewage - Domestic; Sewage Treatment Plant; Water Pollution Sources; Water Standards & Baselines; ...2.1454

COMBINED INDUSTRIAL AND MUNICIPAL WASTE TREATMENT ...Biological Treatment-general; Pilot Plants; Process Design; Pulp and Paper Wastes; Urban Environment; Waste Water Treatment -general; ...2.1455

DEFINITION OF THE MIXING ZONE FOR WASTE EFFLUENT DISCHARGED INTO SURFACE WATERS ...Aerial Photography -see Photo.; Dispersion (water); Effluents - Waste Water; Energy Conversion; Model Studies; Physical Models; Water Pollutants - Path of; ...2.1460

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

EFFECT OF INDUSTRIAL POLLUTANTS ON WATER QUALITY ...Bacterial Ecology; Bioindicators; Coliforms -nonspecific; Nutrients; Water Pollutant Identification; ...2.1470

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ...Aquaria; Mining Industry; Physiological Effects; Salinity (water); Temperature; Turbidity; Water Pollution Effects; ...2.1487

IRRIGATION OF CITRUS WITH WASTE WATER ...Absorption (incl. Adsorption); Citrus; Food Processing Industries; Irrigation; Sewage; Water Application Methods; ...2.1526

EFFECT OF A KRAFT PAPER MILL ON THE ECOLOGY OF A GEORGIA ESTUARY ...Aquatic Ecology - Animal; Chemical Water Properties; Estuaries; Georgia; Invertebrates -nonspecific; Physical Water Properties; Pulp and Paper Wastes; Turbidity (water); ...2.1537

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Preimpoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Chemical Water Properties; Ecological Effects; Environmental Influences; India; Lower Plants; Organic Water Properties; Physiological Effects; ...2.1549

EFFECTS OF FEEDLOT RUNOFF ON FISH FOOD ORGANISMS IN THE COTTONWOOD RIVER ...Agricultural Runoff; Aquatic Ecology - Animal; Bottom Sampling; Fish and Shellfish; Kansas; Water Pollutant Identification; ...2.1558

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - FISH DISTRIBUTION ...Aquatic Ecology - Animal; Ecological Effects; Environmental Ecology; Vertical Distribution; ...2.1559

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Captive Rearing; Effluents - Waste Water; Fish; Physiological Effects; Tennessee River; ...2.1560

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - WATER QUALITY EFFECTS ...Acidity (water); Atomic Absorption; Gas Chromatography; Mineralogical Water Properties; Waste Management -see Specific; ...2.1561

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - BENTHOS DISTRIBUTION ...Benthic Organisms -nonspecific; Bottom Sampling; Contamination - Water; Ecological Effects; Effluents - Waste Water; Tennessee River; Vertical Distribution; ...2.1562

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER ...Aquatic Soils; Atomic Absorption; Bottom Sampling; Chemical Analysis (water); Effluents - Waste Water; Water Pollution Effects; ...2.1563

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - CHEMICAL CONCENTRATION IN FISH ...Bioassays; Contamination - Water; Effluents - Waste Water; Fish; Physiological Effects; ...2.1564

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Dipterex; Effluents - Waste Water; Endrin; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

EFFECT OF PAPER FIBER WASTES ON FISH EGGS AND JUVENILES ...Contamination - Water; Fish; Invertebrates -nonspecific; Physiological Effects; Pulp and Paper Wastes; Sphaerotilus; ...2.1605

EFFECT OF WATER POLLUTANTS AND WATER QUALITY ON EARLY LIFE HISTORY AND POPULATION DYNAMICS OF MINNESOTA FISHES ...Animal Life History Studies; Contamination - Water; Fish Food Organisms; Minnesota; Pollution Effects -see Water; Pulp and Paper Wastes; Temperature (water); ...2.1606

BIOLOGICAL EFFECTS OF DREDGE SPOIL AND WASTE ACID DISPOSAL PRACTICES ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Fish; Marine Animals; Mineralogical Water Properties; Physiological Effects; Zooplankton; ...2.1640

EFFECTS OF SUGAR REFINING LAGOON EFFLUENTS ON BIOLOGICAL, PHYSICAL, AND CHEMICAL PROPERTIES OF FARGO CLAY ...Biochemical Oxygen Demand; Clay Soils; Contamination - Soil; Filtration; North Dakota; Plant Waste Removal, Treatment; Soil Analysis; Soil Organic Content; Tillage, Cropping Systems; Waste Water Treatment -general; Water Pollution Effects; ...2.1665

COMPARISON OF ENERGY FLOW PARAMETERS OF MIDGE POPULATIONS IN BIOLOGICAL OXIDATION PONDS ...Animal Predation; Aquatic Ecology - Animal; Contamination - Water; Energy Budgets; Petroleum Industry; Population Dynamics -general; Water Pollutant Identification; ...2.1674

EFFECTS OF CHEMICALLY AND BIOLOGICALLY MODIFIED PULPING EFFLUENTS ON THE PRODUCTION OF FISH ...Animal Productivity; Effluents - Waste Water; Fish and Shellfish; Irrigation; Pollution Effects -see Water; Tides; Water Purification; ...2.1676

PULP MILL EFFLUENT DISPOSAL ...Aerial Photography -see Photo.; Chemical Analysis -general; Dispersion (water); Effluents - Waste Water; Marine Photography- Television; Oregon; Pulp and Paper Wastes; Sea Water Sampling; Surveying; ...2.1678

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

EFFECTS OF PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Animal Productivity; Biological Effects; Contamination - Water; Fish and Shellfish; Oregon; Population Dynamics -general; ...2.1685

EFFECTS OF KRAFT PULP MILL EFFLUENTS ON THE GROWTH AND PRODUCTION OF FISH ...Contamination - Water; Effluents - Waste Water; Fish and Shellfish; Fish Food Organisms; Pollution Effects -see Water; Pulp and Paper Wastes; ...2.1687

EFFECT OF NITRILOTRIACETIC ACID (NTA) UPON THE TOXICITY OF METALS TO SELECTED SPECIES OF ESTUARINE PHYTOPLANKTON ...Carbon; Chelation & Complexing; Estuaries; Marine Plants; Metabolism of Algacides; Physiological Effects; Phytoplankton; ...2.1702

EFFECTS OF WATER POLLUTION ON ZOOPLANKTON ...Cladocera; Copepoda; Insecticides -nonspecific; Pesticide Action on Animals; Pesticide Toxicity in Animals; Water Pollution Sources; ...2.1717

COAL STRIP MINE WATERSHED STUDY ...Alabama; Coal; Data Acquisition; Engineering Structures-general; Pollution Effects -see Water; Soil Tillage; Strip Mines; Water Quality -general; Watersheds; ...2.1719

EFFECTS OF SELECTED POLLUTANTS ON CERTAIN GAME AND ROUGH FISH ...Contamination - Water; Environmental Physiology; Pollution Effects -see Water; Water Quality Control -general; ...2.1732

STUDY OF EFFECTS OF MILL WASTE WATER ON FISH LIFE ...Contamination - Water; Fish; Pollution Effects -see Water; Pulp and Paper Wastes; ...2.1735

EFFECTS OF TOXICANTS UPON FISH MOVEMENT PATTERNS ...Contamination - Water; Effluents - Waste Water; Pilot Plants; Water Pollutant Identification; ...2.1744

TOXICANTS AND THE EKG AND RESPIRATION OF FISH ...Contamination - Water; Environmental Physiology; Fish; Physiological Effects; Water Pollutant Identification; ...2.1745

BIOLOGY OF ANADROMOUS ALOSIDS ...Aging; Contamination - Water; Embryology -basic; Fish & Shellfish Biology; Marine Animals; Spawn Or Nesting Sites; Virginia; ...2.1748

EFFECTS OF POLLUTANTS ON SUBMARINE PLANT SYNECOLOGY ...Aquatic Plants -nonspecific; Contamination - Water; Mineralogical Water Properties; Plant Succession; ...2.1749

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER ...Atomic Plants; Columbia River; Dyes; Electric Power Plants; Filtration; Model Studies; Power Plants - see Specifics; Radioisotopes; Simulation Theory; Thermal Pollution; Water Pollution Sources; ...2.1756

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); Water Properties -general; ...2.1763

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water); Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Sewage Testing; Temperature; Urban Environment; Washington; Water Quality -general; ...2.1769

EFFICIENT PRICING FOR URBAN WASTE WATER RENOVATION - PHASE I ...Activated Sludge; Computer Models; Plating Wastes; Simulation Theory; Urban Research -general; ...2.1807

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Model Studies; Optimization; Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

MATHEMATICAL WATER QUALITY PLANNING MODELS ...Bays; Harbors; Massachusetts; Model Studies; Systems Analysis - Water Mgmt; Tides; Water Resources Planning; ...2.1850

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Irrigation; Legal Studies; Sanitary Landfills; State Government; Water Quality -general; Water Rights; Water Utilization -domestic; ...2.1862

COST-REDUCING TECHNIQUES OF WASTE DISPOSAL AND OPTIMUM USE OF WATER RESOURCES ...Canning Wastes - see Food Proc.; Food Processing Industries; Optimization, Economic; Waste Treatment; Waste Water Treatment -general; Water Quality Control -general; ...2.1890

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Delaware River; Effluents - Waste Water; Estuaries; Sedimentation; Waste Disposal-see Solid Waste; Water Resources Development; Water Utilization -general; ...2.1903

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Effluents - Waste Water; Management (water); Potomac River; Systems Analysis - Water Mgmt; Water Costs; Water Quality Control -general; ...2.1905

USE OF ADVANCED WATER RESOURCES PLANNING TECHNIQUES IN THE DEVELOPMENT OF REGIONAL WATER MANAGEMENT PROGRAMS ...Model Studies; River Basins; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Planning; ...2.1912

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization -general; ...2.1936

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

POLYMER-IMPREGNATED CONCRETE PIPE RESEARCH PROGRAM ...Casting of Materials; Ceramics; Materials, Composite; Plastics; ...3.0022

STUDIES ON MODIFICATIONS OF SOLID INDUSTRIAL WASTES ...Anthracite; Contamination; Infiltration; Leaching; Mine Wastes; Percolation (water); Site -see Waste Disposal; ...3.0032

PHYSIOLOGICAL EVALUATION OF TREATED TOXIC WASTES ...Animal Life History Studies; Physiological Effects; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Gairdneri; Water Pollutant Identification; ...3.0037

SLIME CONTROL ASSOCIATED WITH PULP MILL EFFLUENTS ...Bacterial Pollutant Sources; Carbon; Process Design; Pulp and Paper Wastes; ...3.0038

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Lysimeters; Moisture Deficiency; Percolation (water); Sewage; Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

CHEMICAL REACTIONS OF WOODS AND BARKS ...California; Combustion; Fuels; Pulp and Paper Wastes; Pulp-waste; Water Chemistry; Wet Oxidation; ...3.0045

OCEAN DISPOSAL OF INDUSTRIAL WASTES ...Acidity (water); Chemical Effects; Disposal Wastes; Mathematical Models; Model Studies; ...3.0101

DIGESTION OF SLUDGES WITH SODIUM CHLORIDE AND SULFATE ...Digestion; Disposal; Sewer Systems; Waste Management -see Specific; ...3.0115

BIOPOLYMERS AND POLYMER-PRODUCING MICROORGANISMS IN ACTIVATED SLUDGE ...Activated Sludge; Food Processing Wastes; Microorganisms -nonspecific; Sewage - Domestic; Soil Bacteria; Waste Treatment Economics; Water Pollution Sources; ...3.0127

EFFECTS OF HEAVY METALS ON ALGAL GROWTH AND ORGANIC REMOVAL EFFICIENCY IN STABILIZATION PONDS ...Organic Waste -see Waste Treat; Oxygention; Pond; Sewage - Domestic; Waste Management -see Specific; ...3/ '70

FEASIBILITY OF REGIONAL UTILITIES FOR MANAGEMENT OF INDUSTRIAL AND MUNICIPAL WASTES ...Finance -see Economics Entries; Public Utilities; Urban Research -general; Waste Treatment; Water Standards & Baselines; ...3.0190

OXYGEN TRANSFER IN CONCENTRATED MICROBIAL SYSTEMS ...Chemical Oxygen Demand; Mathematical Models; Waste Management -see Specific; Waste Water Degradation; ...3.0250

PULP INDUSTRY POLLUTION ABATEMENT THROUGH PROCESS MODIFICATION ...Chemical Treatment (water); Forest Industry; Kinetics; Process Design; Pulp and Paper Wastes; Recycle Water; ...3.0254

SURVEY OF PULP AND PAPER MILL EFFLUENT CONTROL AND TREATMENT ...Effluents - Waste Water; Pulp and Paper Wastes; Survey Studies (water); Waste Water Treatment -general; Water Pollution Abatement; Water Quality Control -general; Water Resources Protection; ...3.0255

LASER MEDIATED LIGNIN SOLID WASTE FERMENTATION ...Bacteria -nonspecific; Calorimetry; Degradation; Fungi -nonspecific; Photolysis; Pulp and Paper Wastes; Thin Layer Chromatography; Waste Water Degradation; ...3.0284

DEMONSTRATION OF A NEW PROCESS FOR THE TREATMENT OF HIGH POLLUTANT CONCENTRATION TEXTILE AND FINISHING WASTES ...Aerobic Waste Water Treatment; Anaerobic Wastewater Treatment; Oxidation; Rhode Island; Textile Industry; Waste Treatment Economics; Waste Water Treatment -general; ...3.0307

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Costs -see Economics Entries; Food Processing Industries; Plant Waste Removal, Treatment; South Carolina; Waste Disposal on Soils; Waste Water Treatment -general; ...3.0311

UTILIZATION OF FOOD PROCESSING PLANT EFFLUENTS AND THEIR EFFECTS ON SOILS AND CROPS ...Chemical Analysis (water); Food Processing Industries; Mineral Nutrition; Plant Response to Env. -ns; Plant Waste Removal, Treatment; Soil Chemical Properties; ...3.0335

BIOLOGICAL TREATMENT OF SPENT VEGETABLE TANNINS ...Color (water); Oxidation; Rate of Reaction; Tannery Wastes; Waste Water Treatment -general; ...3.0343

CHEMICAL PULPING AND BLEACHING ...Air Pollution-chemistry; Electrolytic; Industrial Pollution -general; Materials -properties; Pulp and Paper Wastes; Reduction Reactions; Water Chemistry; ...3.0351

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Nutrients; Waste Drying; ...3.0367

UTILIZATION OF PROCESSING WASTES AND SCRAP ...Lead; Water Reuse; Zinc; ...3.0385

TREATMENT AND UTILIZATION OF WASTES ...Algae -nonspecific; Farm Animal Wastes; Nutrients; Product Development Research; Waste Water Treatment -general; Water Pollution Sources; ...3.0393

RECOVERY OF HEAVY METALS FROM ELECTRONIC SCRAP ...Electrical, Electronic Mfr.; Waste Water Treatment -general; ...3.0402

PAPER AND FIBERBOARD PROCESSES ...Additives; Combustion Air Pollution-gen; Fabrication; Materials, Composite; Pulp and Paper; Solanum; ...3.0407

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Lakes; Molluscs; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

Mans Pollutional Activities

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; Western U. S.; ...2.0052

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; Water Quality -general; ...2.0096

SALINE WATER POLLUTION OF POTABLE WATER SUPPLIES THROUGH DEEP ARTESIAN WELLS ...Aquifers; Environmental Changes, Groundwater; Saline Water Intrusion; Water Wells; ...2.0107

A STUDY OF THE EFFECTS OF ISLAND DEVELOPMENT ON LAKE WATER QUALITY ...Acidity (water); Economics -recreation; Lakes; Nitrogen and Nitrogen Cpds.; Plankton; Recreation, Water Resources; Types of Resources; ...2.0115

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN MASSACHUSETTS ...Groundwater; Leaching; Massachusetts; Salinity (water); Soil Chemical Properties; Water Pollutants - Path of; ...2.0183

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN NEW HAMPSHIRE ...Cooperative Studies; Permeability; Soil Permeability; Water Pollutants - Path of; ...2.0184

A COHERENT-AREA STUDY OF SOUTHERN LAKE MICHIGAN ...Eutrophic Lakes; Eutrophication; Lake Michigan; Sedimentation; Water Pollutant Identification; Weather Modification; ...2.0191

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity - general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

PHYSIOCHEMICAL RESPONSES OF RIVERS TO NATURAL AND MANMADE ENVIRONMENTAL CHANGES ...Chemical Water Properties; Model Studies; Nutrients; Physical Water Properties; Water Cycle; Water Pollutants - Path of; ...2.0377

ECOLOGY OF WESTERN GULF ESTUARIES ...Animal Habitat Studies; Animal Productivity; Dredging; Estuaries; Management (water); Marine Biology - General; Physical Effects; ...2.0384

URBANIZATION AND ITS EFFECT ON STREAM TEMPERATURE ...Heat Balance - Budget; Radiation Instruments -atmos.; Thermal Pollution; Urban Research -general; ...2.0407

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Chlorine; Fish; Literature Search; Rock - Soil Pollution; Soil Chemical Properties; Soil Saline Properties; Virginia; Water Supply Facilities; ...2.0408

A SYSTEMS ANALYSIS OF WATER AND NUTRIENT FLOWS IN THE LAKE WINGRA BASIN ...Computer Models; Eutrophication; Mathematical Analysis; Nutrients; Simulation Theory; Systems Analysis; Water Cycle; ...2.0444

ENVIRONMENTAL BIOLOGY OF TOMALES BAY ...Animal Habitat Studies; Bays; Chemical Water Properties; Environment Resistance-animals; Marine Environments; Water Standards & Baselines; ...2.0489

INSHORE FISHERIES HABITAT EVALUATION AND MONITORING ...Animal Habitat Studies; Ecological Effects; Fishing; Marine Plants; Scuba; Types of Resources; ...2.0491

DEVELOPMENT OF REMOTE-SENSING TECHNIQUES TO DETERMINE WATER QUALITY ...Aircraft Remote Sensing; Animal Productivity; Chlorophyll; Em Radiation; Marine Biology - General; Monolayers; Polarimetry; Reflectance; Survey Studies (water); Water Pollutant Identification; ...2.0499

ST. JOHNS RIVER FISHERY PROJECT ...Animal Habitat Studies; Contamination - Water; Environmental Ecology; Fish and Shellfish; Pollution Effects -see Water; ...2.0543

ECOLOGIC IMPACT OF HUMAN ACTIVITIES ON WATER RESOURCE ENVIRONMENTS ...Animal Pollutant Sources; Chemical Water Properties; Ecological Effects; Physical Water Properties; Water Pollutant Identification; ...2.0584

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

CONFERENCE ON POLLUTION OF ESTUARIES ...Estuaries; Meetings; Water Quality -general; Water Quality Control -general; ...2.0672

PREDICTION OF WATER QUALITY CHANGE IN A STREAM DUE TO HIGHWAY CONSTRUCTION ON THE DRAINAGE BASIN ...Construction Sites; Forecasting - Prediction; Highway Sites -see Roads; Precipitation; Soil Moisture; Water Quality - general; ...2.0754

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Animal Life History Studies; Bays; Contamination - Water; Engineering Structures-general; Estuaries, Fish and Shellfish; Physiological Effects; Water Quality -general; ...2.0846

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl. Adsorption); Arsenic; Chemical Properties; Contamination - Soil; Industrial Wastes; Particulates - Air Pollution; Precipitation; Soil Chemical Properties; Water Pollutants - Path of; ...2.0862

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Data Reduction and Analysis; Forecasting - Prediction; Groundwater; Land Use; Sewage; Waste Disposal-see Solid Waste; Water Quality -general; ...2.1054

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Location; Lumbering -general; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

EFFECTS OF CHEMICAL VARIATIONS IN AQUATIC ENVIRONMENTS ...Aluminum; Chemical Analysis (water); Colorado River; Data Acquisition; Lead; Oil Shale; Salinity (water); ...2.1512

INVESTIGATION OF THE EFFECTS OF COMMERCIAL HYDRAULIC CLAM DREDGING ON VARIOUS BOTTOM HABITATS OF SELECTED ESTUARINE AREAS ...Animal Habitat Studies; Benthic Organisms -nonspecific; Clams; Environmental Ecology; Sediments; ...2.1533

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

DETERMINATION OF AQUATIC ECOSYSTEM RESPONSE TRENDS RESULTING FROM MAN-IMPOSED ENVIRONMENTAL STRESSES ...Construction Industry; Construction Land Use Effects; Ecological Effects; Forecasting - Prediction; ...2.1614

INFLUENCE OF FERTILIZER PRACTICES ON WATER AND THE QUALITY OF THE ENVIRONMENT ...Animal Wastes - Feed Lots; Groundwater; Soil - Crop Relationships; Soil Nutrient Cycling; Water Table; ...2.1635

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity; Benthic Organisms -nonspecific; Energy Budgets; Fish; Management (water); Marine Animals; Mathematical Models; North Carolina; Plant Population Dynamics -gen; Primary Productivity - Plants; Thermal Pollution; Zooplankton; ...2.1656

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

ECOLOGICAL STUDIES OF AN EXPERIMENTAL STREAM ...Animal Habitat Studies; Energy Budgets; Environmental Ecology; Plant Freshwater Ecology; Pollution Effects -see Water; ...2.1686

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; Zinc; ...2.1720

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Contamination - Soil; Plant Growth; Sandy Soils -see Soil Type; Soils; Water Supply -general; ...2.1742

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Construction Industry; Consultants; Advisory Services; Ecological Effects; Fish and Shellfish; Mammals; Wildlife -nonspecific; ...2.1770

EVALUATION OF BENEFIT-COST ESTIMATION OF THE ECOLOGIC AND ECONOMIC IMPACTS FROM WATER RESOURCES CONSERVATION AND DEVELOPMENT ...Benefit-cost Analysis; Ecological Effects; Georgia; Small Watersheds; Water Conservation -general; Water Resources - Planning; ...2.1816

A SOCIO-ENVIRONMENTAL STUDY OF A RIVER VALLEY ...Costs -see Economics Entries; Mammals -nonspecific; Ohio; River Basins; Social Aspects; Towns; ...2.1894

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; ...4.0023

Mineralization

MINERAL MATTER IN COAL ...Activation Analysis; Atomic Absorption; Coal; Combustion Air Pollution-gen; Mineral Analysis; Mineralogical Properties; Mineralogy - Petrology; Particulates - Air Pollution; Water Chemistry; X-ray Spectroscopy; ...1.0050

ENVIRONMENTAL RADIOACTIVITY AND TRACE ELEMENTS IN MAN ...Air Pollution -see Specifics; Lead; Puerto Rico; Radium; ...1.0196

EFFECT OF NITRATE AND NITRITE IN THE DRINKING WATER ON PERFORMANCE OF MARKET TURKEYS ...Contamination - Water; Meliagris; Nutrition; Potable Water; Water Supply -general; Water Utilization -animal; ...2.0156

DISSOLVED CONSTITUENTS OF NATURAL WATERS - CONTRIBUTIONS FROM MINERALIZED AREAS ...Acid Mine Wastes; Geochemical Analysis (water); Groundwater; Mineralogical Properties; Sediment Lithification; ...2.0244

MINERAL ANALYSIS OF WATER ...Acidity (water); Chemical Analysis (water); Groundwater; Mineralogical Water Properties; Rural Areas; Water Quality Control -general; ...2.0480

APPLICATION OF MODERN ELECTROANALYTICAL TECHNIQUES TO THE ANALYSIS OF HEAVY METALS IN WATER ...Analysis and Detection; Chemical Mechanisms & Kinetics; Electroanalyses; Trace Analysis; ...2.0557

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage; Alkalinity (water); Automatic Data Aquisition; Chemical Water Properties; Mine Drainage Control; Mineralogical Water Properties; Ohio; Water Properties -general; Zinc; ...2.0733

THE QUANTITATIVE DETERMINATION OF LEAD IN LAKE WATER VIA ATOMIC ABSORPTION SPECTROPHOTOMETER ...Analysis and Detection; Fuels; Lakes; Lead; Recreation, Water Resources; Types of Resources; Water Pollutant Identification; ...2.0807

CHEMICAL CHARACTERISTICS OF WATERS IN FLOODED BITUMINOUS-COAL MINESHAFTS ...Acidity (water); Bituminous; Chemical Water Properties; Geochemical Analysis (water); Mine Drainage Control; Mine Hydrology; Water Pollutant Identification; ...2.0852

CORROSION AND ENCRUSTATION MECHANISMS IN WATER SUPPLIES ...Corrosion, Deterioration; Demineralization; Oxidation; Thermodynamics; Water Wells; ...2.0991

ENRICHMENT OF METALS IN SEAWATER BY FOAM PRODUCTION ...Bubbles; Chemical Mechanisms & Kinetics; Foam; Marine Pollution; Sea Water Chemistry; Trace Elements; Water Chemistry; X-ray Spectroscopy; ...2.1043

TURBULENT MIXING IN SUBMERGED TWO-DIMENSIONAL WALL JETS ...Energy Conversion; Fluid Mechanics; Forecasting - Prediction; Thermal Pollution; ...2.1098

REMOVAL OF TRACE METALS FROM WATER BY ION FLOTATION ...Demineralization; Foam; Surfactants -see Detergents; Waste Management -see Specific; ...2.1374

DOMESTIC WATER PROBLEMS AS RELATED TO TEXTILES ...Detergent Builders; Fibers; Home Economics; Materials -properties; Purity, Impurity; ...2.1604

OCEAN DISPOSAL OF INDUSTRIAL WASTES ...Acidity (water); Chemical Effects; Disposal Wastes; Industrial Wastes; Mathematical Models; Model Studies; ...3.0101

Nutrients

DYNAMICS OF ALGAE POPULATIONS IN FARM FISH PONDS ...Algae - Cyanophyta; Algal Pollutant Sources; Farm Pond; Lower Plants; Phytoplankton; Seasonal Distribution; Taxonomy - plant; ...2.0001

DYNAMICS OF THE NITROGEN CYCLE IN LAKES ...Algal Physiology, Analysis and Detection; Denitrification -see Nitrogen; Eutrophication; Hydrogen; Nitrogen and Nitrogen Cpds.; Nitrogen Cycle -see Denitrif.; Plant Productivity -general; Sub - Polar Regions; ...2.0009

THE INFLUENCE OF DECOMPOSING SALMON ON WATER CHEMISTRY ...Alaska; Chemical Water Properties; Food Processing Industries; Nitrogen and Nitrogen Cpds.; Physiological Effects; Water Pollutants - Path of; ...2.0010

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Elevation Levels; Altitude; Erosion; Forest Watersheds; Mineralogical Water Properties; Oligotrophic Lakes; Optical Properties of Water; Recreation, Water Resources; Temperature Or Heat Budgets; Turbidity (water); ...2.0032

PLANKTON COMMUNITY ECOLOGY IN NORTHERN CALIFORNIA LAKES ...Benthic Organisms -nonspecific; Energy Budgets; Forest Watersheds; Lower Plants; Plant Population Dynamics -gen; Water Bacteria; Zooplankton; ...2.0033

EUTROPHICATION OF SURFACE WATERS - LAKE TAHOE ...Effluents - Waste Water; Eutrophic Lakes; Eutrophication; Lake Tahoe; Rainfall - Runoff Relationship; Waste Water Treatment - general; ...2.0034

WATER QUALITY AND NUTRIENTS SACRAMENTO-SAN JOAQUIN RIVER SYSTEM ...Animal Productivity; California; Eutrophication; Fish; Organic Water Properties; Plankton; Tides; ...2.0041

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Baseflow; Forecasting - Prediction; Model Studies; Reservoirs and Impoundments; Rural Areas; Soil Chemical Properties; Waste Disposal on Soils; Water Table; ...2.0046

TRACE ELEMENTS IN GRAND RIVER AND LAKE ERIE ...Canada; Lake Erie; Water Pollutant Identification; ...2.0054

IRRIGATION RETURN FLOW - NUTRIENT BALANCE ...Agricultural Runoff; Idaho; Pesticides -nonspecific; Salinity (water); Water Pollutants - Path of; ...2.0076

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Animal Wastes - Feed Lots; Contamination - Soil; Fertilizers; Percolation (water); Soil Analysis; Soil Minerals -natural; Water Pollutants - Path of; ...2.0081

ASSESSMENT & PREVENTION OF EXCESSIVE NUTRIENT ENRICHMENT OF SURFACE & GROUND WATER BY FERTILIZERS ...Absorption (incl. Adsorption); Aquatic Plants -nonspecific; Biological Effects; Erosion; Fertilizers; Freezing & Below; Leaching; Range Management; Soil Chemical Properties; ...2.0082

NUTRIENT EXCHANGE IN RIVERS AND LAKES ...Agricultural Watersheds; Eutrophic Lakes; Urban Environment; Water Pollution Sources; ...2.0085

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; Water Quality -general; ...2.0098

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Pesticides -see Pesticide; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

EUTROPHICATION FACTORS IN NORTH CENTRAL FLORIDA LAKES ...Eutrophic Lakes; Eutrophication; Florida; Mathematical Models; Sub - Tropic Regions; Systems Analysis - Water Mgmt; ...2.0103

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Pesticides -see Pesticide; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

RELATIVE LEACHING RATES OF COMMON NITROGEN CARRIERS FROM SANDY SOILS ...Biological Effects; Eutrophic Lakes; Florida; Sandy Soils -see Soil Type; ...2.0109

RURAL RUNOFF CONTROL ...Adsorption; Contamination - Water; Pesticides -nonspecific; Soil Chemical Properties; ...2.0111

POLLUTION IN HAWAIIAN WATERSHEDS ...Bacterial Pollutant Sources; Biological Water Properties; Chemical Water Properties; Hawaii; Water Pollutant Identification; Water Pollution Effects; Water Pollution Sources; Watersheds; ...2.0118

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Lime Treatment; Model Studies; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0142

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Analysis (water); Environmental Influences; Eutrophication; Iowa; Water Pollutant Identification; Water Standards & Baselines; ...2.0143

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Water Properties; Eutrophic Lakes; Eutrophication; Iowa; Oxygen Content (water); Water Pollutants - Path of; Water Quality Control -general; ...2.0144

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLE ...Activation Analysis; Sediment Yield; Small Watersheds; ...2.0146

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Sewage; Taxonomy -plant; ...2.0151

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology; Benthic Organisms -nonspecific; Coliforms -nonspecific; Fish Food Organisms; Plankton; Survey Studies (water); Water Properties -general; ...2.0158

DEGRADATION OF RIPARIAN LEAVES AND THE RECYCLING OF RELEASED NUTRIENTS IN A STREAM ECOSYSTEM ...Chemical Water Properties; Degradation -see Pesticide Deg; Ecological Effects; Energy Budgets; Forest Debris; Organic Matter; Physical Water Properties; ...2.0162

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); Water Quality Control - general; ...2.0166

POLLUTION LOADS IN RUNOFF FROM SMALL AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Fertilizers; Herbicides -nonspecific; Pesticides -nonspecific; Pesticides -see Pesticide; Water Movement -general; ...2.0174

MICROBIAL INTERVENTION IN THE EUTROPHICATION PROCESS ...Algae -nonspecific; Aquatic Soils; Deposits; Eutrophication; Mineralogical Water Properties; Organic Properties; Plant Food Chains; ...2.0177

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl. Adsorption); Acidity (water); Alkalinity (water); Aquatic Plants -nonspecific; Eutrophication; Mineral Composition; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Scuba; Water Pollutant Identification; ...2.0178

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Urban Research -general; ...2.0180

BENTHAL DEPOSITS: EFFECTS ON THE QUALITY OF NATURAL WATERS ...Eutrophication; Marine Environments; Organic Matter; ...2.0182

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Animal Productivity; Density; Dystrophic Lakes; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Productivity -general; Stratification (water); ...2.0195

EUTROPHICATION - REMOVAL OF NUTRIENTS - SHAGAWA LAKE ...Algal Pollutant Sources; Denitrification -see Nitrogen; Eutrophication; Minnesota; Pilot Plants, Trickling Filters; Water Standards & Baselines; ...2.0203

RELATION OF AGRICULTURAL PRACTICES AND NATURAL VEGETATION TO NUTRIENT CONTENT OF WATERS ...Agricultural Runoff; Management (water); Plant Residues, Humus, Compost; Rainfall Simulators; Water Pollutants - Path of; ...2.0209

STUDIES ON INORGANIC NUTRIENT ASSIMILATION RATES IN ESTUARINE PONDS ...Estuaries; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Ponds; ...2.0212

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

AN INVESTIGATION OF THE EXTENT AND CAUSE OF EUTROPHICATION OF CANYON FERRY RESERVOIR, MONTANA ...Algae - Cyanophyta; Eutrophication; Missouri River; Reservoirs and Impoundments; Zooplankton; ...2.0232

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Evaporation; Montana; Oxygen Content (water); Phytoplankton; Productivity of Freshwater; Stratification (water); Wyoming; ...2.0233

INVESTIGATION OF THE EUTROPHICATION PROCESS OF LAKE MCCONAUGHY, WESTERN NEBRASKA ...Eutrophication; Lakes; Literature Search; Nebraska; Survey Studies (water); Water Properties -general; ...2.0236

EUTROPHICATION OF SMALL RESERVOIRS IN THE GREAT PLAINS ...Algae -nonspecific; Chemical Water Properties; Flood Control Reservoirs; Great Plains Province; Nebraska; Physical Water Properties; Temporal Distribution; ...2.0238

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Or-

ganic Matter: Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

CANADARAGO LAKE EUTROPHICATION STUDY ...Agricultural Runoff; Biological Water Properties; Data Acquisition; New York; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Soil Tillage; Urban Runoff; ...2.0256

EUTROPHICATION TIDAL WATERS ...Algal Physiology; Brackish Water; Estuaries; Marine Plants; New York; Optical Properties of Water; Tidewater Areas; ...2.0262

EUTROPHICATION IN WATER RESOURCES OF NEW YORK STATE ...Algal Physiology; Environmental Influences; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Phytoplankton; Temperature (water); ...2.0263

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Cladocera; Eutrophication; New York; Percidae; Plankton Sampling; Primary Productivity - Plants; Zooplankton; ...2.0265

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Fertilizers; Mineralogical Water Properties; Plant Pollutants; Rainfall Simulators; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

ENVIRONMENTAL BIOLOGY - BIOGEOCHEMICAL CYCLING IN ECOLOGICAL SYSTEMS ...Aquatic Ecology - Animal; Estuaries; Eutrophication; Lysimeters; Pesticide Aquatic Cycling; Water Pollutants - Path of; ...2.0277

SOURCE, FATE AND EFFECT OF NUTRIENTS ADDED TO NORTH CAROLINA ESTUARIES ...Estuaries; Industrial Wastes; Water Pollutants - Path of; Water Pollution Sources; ...2.0290

NUTRIENTS AND EUTROPHICATION IN A NORTH CAROLINA ESTUARY ...Algal Physiology; Estuaries; Eutrophication; Marine Plants; North Carolina; Phosphorus and Phosphorus Cpds; Phytoplankton; Water Pollutant Identification; ...2.0291

NUTRIENT EXCHANGES AND SOURCES OF NITROGEN AND PHOSPHORUS IN THE UPPER SHEYENNE RIVER WATERSHED ...Lakes; Nitrogen and Nitrogen Cpds.; North Dakota; Phosphorus and Phosphorus Cpds; Reservoirs and Impoundments; Water Pollutant Identification; Watersheds; ...2.0296

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties; Contamination - Water; Environmental Influences; Mineral Nutrition; Nutrient Studies -animal; Photosynthesis; Phytoplankton; Primary Productivity - Plants; Water Standards & Baselines; ...2.0298

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

EUTROPHICATION - SEDIMENT-WATER INTERCHANGE STUDIES ...Algae -nonspecific; Aquatic Soils; Chemical Properties; Eutrophication; Geochemical Analysis (water); Mineralogical Water Properties; Organic Properties; Soil Chemical Properties; Water Bacteria; ...2.0336

EUTROPHICATION - EFFECT OF WEED HARVESTING ...Aquatic Plants -nonspecific; Cultural Control; Eutrophication; Water Quality Control -general; ...2.0338

YIELD OF NUTRIENTS FROM AGRICULTURAL LAND TO WATER SOURCES ...Chemical Analysis (water); Fertilizers; Loam -see Soil Types; Sandy Soils -see Soil Type; Silty Soils; Soil Depth; Soil Types -also See Specifics; ...2.0353

POLLUTION POTENTIAL OF RUNOFF FROM LIVESTOCK FEEDING OPERATIONS ...Agricultural Runoff; Biochemical Oxygen Demand; Chemical Oxygen Demand; Coliforms -nonspecific; Livestock -nonspecific; Precipitation; South Dakota; ...2.0361

ECOLOGICAL FACTORS INFLUENCING THE PRODUCTION OF ALGAE IN NORTHERN PRAIRIE LAKES ...Algal Physiology; Animal Productivity; Chemical Water Properties; Eutrophication; Fish; Phytoplankton; Plant Population Dynamics -gen; Primary Productivity - Plants; Zooplankton; ...2.0363

A STUDY TO EVALUATE THE EFFECT OF SILT AND SILT REMOVAL IN A NORTHERN PRAIRIE LAKE ...Aquatic Soils; Eutrophication; Mineralogical Water Properties; Sediments; Silting (water) -see Sediment; Water Pollution Sources; ...2.0364

EFFECT OF DREDGING ON THE NUTRIENT LEVELS AND BIOLOGICAL POPULATIONS OF A LAKE ...Acidity (water); Biological Water Properties; Lakes; Phytoplankton; Silting (water) -see Sediment; Turbidity (water); ...2.0365

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

PHYSIOCHEMICAL RESPONSES OF RIVERS TO NATURAL AND MANMADE ENVIRONMENTAL CHANGES ...Chemical Water Properties; Mans Pollutional Activities; Model Studies; Physical Water Properties; Water Cycle; Water Pollutants - Path of; ...2.0377

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Physical Water Properties; Utah; Water Quality Control -general; ...2.0398

NUTRIENT BUDGETS, RECYCLING, AND WATER TRANSPORT IN LAKE CHAMPLAIN ...Biochemical Oxygen Demand; Chlorine; Lake Champlain; Lakes; Mineralogical Water Properties; Organic Water Properties; Vermont; ...2.0404

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Copepoda; Eutrophication; Phytoplankton; Plant Population Dynamics -gen; Puget Sound; Tides; Wind; ...2.0423

PLANT-AVAILABLE PHOSPHORUS STATUS OF LAKES ...Algae -nonspecific; Chemical Analysis (water); Deposits; Eutrophication; Microorganisms -nonspecific; Phosphorus; Phosphorus and Phosphorus Cpds; ...2.0436

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algae - Cyanophyta; Algal Pollutant Sources; Chelation & Complexing; Detergent Builders; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Water Chemistry; Wisconsin; ...2.0441

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS ...Biological Water Properties; Circulation (water); Eutrophication; Fish Food Organisms; Phytoplankton; Water Bacteria; Wisconsin; ...2.0443

A SYSTEMS ANALYSIS OF WATER AND NUTRIENT FLOWS IN THE LAKE WINGRA BASIN ...Computer Models; Eutrophication; Mathematical Analysis; Simulation Theory; Systems Analysis; Water Cycle; ...2.0444

NITROGEN TRANSFORMATIONS IN LAKE SEDIMENTS ...Aquatic Soils; Eutrophic Lakes; Eutrophication; Lake Deposits; Nitrogen and Nitrogen Cpds.; ...2.0445

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection; Chemical Water Properties; Growth; Lakes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Stratification (water); Temperature; ...2.0448

NUTRIENT ENRICHMENT OF RUN-OFF WATERS BY SOILS. ENRICHMENT POTENTIAL OF URBAN SOILS IN THE CITY OF MADISON ...Forecasting - Prediction; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Urban Environment; Wisconsin; ...2.0454

EUTROPHIC EVALUATION OF A SMALL MULTI-LAND USE WATERSHED ...Environmental Geology; Lake Michigan; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Small Watersheds; Urban Environment; Wisconsin; ...2.0455

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Animal Productivity; Aquatic Plants -nonspecific; Glaciology; Mineralogical Water Properties; Plant Productivity -general; Sub - Polar Regions; Wild Rivers; ...2.0472

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Sampling; Types of Resources; Urban Research -general; Water Pollution Sources; ...2.0479

PROVISIONAL ALGAL ASSAY PROCEDURES ...Algae -nonspecific; Bioassays; Eutrophication; Primary Productivity - Plants; Water Pollutant Identification; ...2.0487

UPPER ST. JOHNS WATER QUALITY, FLORIDA ...Acidity (water); Florida; Mineralogical Water Properties; Pesticides -see Pesticide; Trace Elements; ...2.0549

PRODUCTIVITY AND MINERAL CYCLING ON NATURAL AND MANIPULATED ECOSYSTEMS ...Analysis of Ecosystems; Forest Watersheds; Plant Succession; Productivity of Terrestrial; ...2.0551

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Bacterial Ecology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Mathematical Models; Rehabilitation -streams -lakes; Sewage; Water Pollution -see Specifics; ...2.0552

EVAPOTRANSPIRATION BY SUGAR CANE ...Consumptive Use (water); Evapotranspiration; Groundwater; Irrigation; Meteorological Studies; Percolation (water); Seepage (water); Soil Temp. - non-specific; Sprinkler Irrigation; Tension and Measurement; Water Application Methods; ...2.0562

A PRELIMINARY INVESTIGATION OF THE ROLE OF SEDIMENTS IN EUTROPHICATION ...Chemical Water Properties; Isotope Tracer -see Tracers; Mechanism Determination; Phosphorus and Phosphorus Cpds; Sediments; ...2.0578

QUALITY OF TILE EFFLUENT ...Chemical Analysis (water); Drainage; Effluents - Waste Water; Floods; Nitrogen and Nitrogen Cpds.; Phaseolus; Phosphorus and Phosphorus Cpds; Soil Analysis; Zea Mays - Field Corn; ...2.0587

POTENTIAL ALGAL PRODUCTIVITY AS MEASURED BY A TURBIDOSTAT ...Algae -nonspecific; Analysis and Detection; Primary Productivity - Plants; Turbidity (water); ...2.0625

NUTRIENT ENRICHMENT AND EUTROPHICATION OF LAKE MICHIGAN ...Algal Physiology; Eutrophic Lakes; Eutrophication; Mineralogical Water Properties; Phytoplankton; Water Pollution Sources; ...2.0627

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Algae -nonspecific; Bioassays; Chemical Analysis (water); Eutrophication; Fertilizers -aquatic; Ponds; Water Pollutant Identification; ...2.0636

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Effluents - Waste Water; Lake Stages; Lower Plants; Phytoplankton; Plant Productivity -general; Tertiary Treatment; ...2.0641

LAKE SUPERIOR PERIPHYTON IN RELATION TO WATER QUALITY ...Animal Interrelationships -gen; Balance of Nature - Plants; Contamination - Water; Fertilizers; Plankton; ...2.0644

RELATION OF PHOSPHORUS IN LAKE BOTTOM DEPOSITS AND POLLUTIONAL HISTORY OF MINNESOTA LAKES ...Core Analysis; Environmental Geology; Lakes; Phosphorus and Phosphorus Cpds; ...2.0645

A STUDY OF THE FACTORS DETERMINING THE OXYGEN UPTAKE OF BENTHAL STREAM DEPOSITS ...Acidity (water); Analysis and Detection; Exchange Capacity; Nitrogen and Nitrogen Cpds ; Size; Water Properties -general; ...2.0675

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

A STUDY OF THE NUTRIENT INPUTS INTO CAYUCA LAKE AND SENECA LAKE ...Chemical Analysis (water); Lakes; New York; Precipitation; Watersheds; ...2.0690

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties - general; Water Standards & Baselines; ...2.0701

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Optical Properties of Water; Periphyton; Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

ORGANIC NUTRIENT FACTORS AFFECTING ALGAL GROWTH ...Algae - Chlorophyta; Algae - Cyanophyta; Algae - nonspecific; Carbon; Secondary Treatment; ...2.0704

DEVELOPMENT OF PROVISIONAL ALGAL ASSAY PROCEDURE ...Algae -nonspecific; Algal Physiology; Bioindicators; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Statistics; Water Pollutant Identification; ...2.0707

A STUDY OF SELECTED SPECIFIC ION ELECTRODES, NO.II ...Analysis and Detection; Electroanalyses; Electrochemistry; Lead; ...2.0728

A SYSTEMATIC AND ECOLOGICAL SURVEY OF THE ZOOPLANKTON AND PHYTOPLANKTON OF NORTHEASTERN OHIO GLACIAL LAKES ...Biological Water Properties; Ecological Effects; Eutrophication; Glaciology; Physical Water Properties; ...2.0730

EFFECT OF IMPOUNDMENTS ON WATER QUALITY ...Algal Pollutant Sources; Data Reduction and Analysis; Pre-impoundment Sites; Reservoirs and Impoundments; Water Quality - general; ...2.0735

PIGMENT ANALYSIS FOR THE DETECTION OF ENRICHMENT ...Algal Physiology; Carotenoid Pigments; Chlorophyll; Effluents - Waste Water; Phytoplankton; Water Pollutant Identification; ...2.0736

DETECTION OF NUTRIENT LIMITATIONS OF ALGAL GROWTH IN SURFACE WATERS ...Algae -nonspecific; Algal Physiology; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; ...2.0765

SURVIVAL OF INDICATOR ORGANISMS AND ENTERIC BACTERIA IN WATER ...Bacterial Pollutant Sources; Cellular Physiology- Env. Eff.; Dyes; Lakes; Streptococcus Fecalis; Waste Water Treatment -general; ...2.0801

LIMNOLOGICAL INVESTIGATIONS OF TEXAS IMPOUNDMENTS FOR WATER QUALITY MANAGEMENT PURPOSES ...Chemical Water Properties; Eutrophication; Streams & Rivers; Water Quality -general; Water Supply Augmentation; ...2.0812

LIMNOLOGY OF LAKE CHAMPLAIN ...Acidity (water); Aquatic Ecology - Animal; Biological Water Properties; Circulation (water); Currents (water); Flow Characteristics (water); Lake Deposits; Optical Properties of Water; Phytoplankton; Sediment Yield; Water; Zooplankton; ...2.0828

WATER COLUMN TESTING OF FERTILIZERS ...Chemical Analysis (water); Fish; Lakes; Phytoplankton; Recreation, Water Resources; Warm Temperature -natural; ...2.0832

CORRELATED STUDIES OF VANCOUVER LAKE--WATER QUALITY PREDICTION STUDY ...Columbia River; Dredging; Lakes; Model Studies; Organic Matter; Sediments; Water Quality Control -general; ...2.0840

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Phytoplankton; Plant Productivity -general; Sewage; ...2.0848

TISSUE ANALYSIS FOR NUTRIENT ASSAY OF NATURAL WATERS ...Aquatic Plants -nonspecific; Mineralogical Water Properties; Plant Pollutants; Plants - Monocotyledons; Wisconsin; ...2.0859

LIMNOLOGY- NUTRIENT-BIOTIC RELATIONSHIPS IN THE UPLAKE REGION OF BEAVER RESERVOIR ...Animal Productivity; Benthic Organisms -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plankton; Reservoirs and Impoundments; Water Properties -general; ...2.0961

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Chemical Analysis -general; Farm Animal Wastes; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Moisture; Soil Organic Content; Sprinkler Irrigation; Water Table; ...2.0994

ESTUARINE HYDROGRAPHY AND ITS ROLE IN TRANSPORT OF NATURALLY PRODUCED FOODS AND POLLUTANTS ...Effluents - Waste Water; Forecasting - Prediction; Water Movement -general; Water Quality -general; ...2.1000

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Biological Water Properties; Contamination - Water; Effluents - Waste Water; Management (water); Physical Water Properties; Reservoirs and Impoundments; Water Pollutants - Path of; Water Quality Control - general; ...2.1008

DETERMINATION OF THE FEASIBILITY OF REMOVAL OF ALGAL NUTRIENTS IN LAKE WATERS BY ION-EXCHANGE ...Acidity (water); Circulation (water); Eutrophication; Ion Exchange; Massachusetts; Water Chemistry; ...2.1040

THE INFLUENCE OF SOILS ON POLLUTION ...Adsorption; Drainage; Pesticide Degradation -see Deg; Pesticides -nonspecific; Soil Fertility; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1046

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Aquifers; Cultural Control; Eutrophication; Landfill; Sanitary Landfills; Waste Disposal-see Solid Waste; ...2.1047

ECOLOGICAL STUDIES ON THE DYNAMICS OF PLANKTONIC BLUE GREEN ALGAE, WITH SPECIAL REFERENCE TO THEIR MICROSTRATIFICATION ...Algae - Cyanophyta; Algal Pollutant Sources; Carbon; Environmental Influences; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plankton Sampling; Stratification (water); ...2.1049

PHYTOPLANKTON NUTRITION AND PHOTOSYNTHESIS IN EUTROPHIC LAKES ...Algal Physiology; Eutrophic Lakes; Eutrophication; Monitoring; Phytoplankton; Sewage; ...2.1050

NUTRIENT ASSIMILATION RATES - FIELD STUDIES ...Channels; Estuaries; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Ponds; ...2.1052

STREAM REAERATION ...Aeration (water); Flow Characteristics (water); Organic Matter; Physiological Effects; Southwest U. S., ...2.1080

REMOVAL OF NUTRIENTS FROM ENRICHED FLOWS & WASTE EFFLUENTS BY THE HYDROPONIC CULTURE OF SUITABLE FORAGE PLANTS & GRASSES ...Benefit-cost Analysis; Economic Feasibility; Effluents - Waste Water; Waste Treatment Economics; Waste Water Treatment -general; ...2.1081

RESPIRATION OF AQUATIC MACROPHYTES IN EUTROPHIC SYSTEMS ...Algae -nonspecific; Aquatic Plants -nonspecific; Eutrophication; Mineral Nutrition; Oxygen Content (water); Primary Productivity - Plants; Water Purification; ...2.1088

EUTROPHICATION OF SHELTERED BAYS IN A LARGE LAKE ...Amphibious Plants; Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Breakwaters; Chemical Water Properties; Currents (water); Eutrophication; Fish; Harbors; Oligotrophic Lakes; Plant Freshwater Ecology; Utah; ...2.1112

FUNCTION OF THE MARSHES IN REDUCING EUTROPHICATION OF ESTUARIES OF THE MIDDLE ATLANTIC REGION ...Aquatic Plants -nonspecific; Atlantic Coastal Plain; Chemical Water Properties; Estuaries; Geology -general; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Habitat Studies; Primary Productivity - Plants; Tides; ...2.1124

SYSTEM ANALYSIS OF EUTROPHICATION CONTROL BY FLUSHING ...Eutrophic Lakes; Eutrophication; Primary Productivity - Plants; Recreation, Water Resources; Systems Analysis - Water Mgmt; ...2.1125

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census, Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

NUTRIENT REMOVAL FROM AGRICULTURAL WASTE WATER ...Algae -nonspecific; Drainage; Groundwater; Water Pollution Sources; ...2.1176

EFFECT OF PHOSPHORUS REMOVAL PROCESSES ON ALGAL GROWTH ...Algae -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Waste Water Treatment -general; Water Resources Protection ...2.1177

NUTRIENT REMOVAL IN A WATER TREATMENT PLANT ...Biochemical Oxygen Demand; Coagulation; Flocculation; Sand Filters; ...2.1252

THE RATE OF NITROGEN AND PHOSPHORUS STRIPPING FROM SEWAGE LAGOONS BY AQUATIC ANGIOSPERMS ...Absorption (incl. Adsorption); Ceratophyllaceae; Haloragaceae; Nitrogen and Nitrogen Cpds.; Nymphaeaceae; Phosphorus and Phosphorus Cpds; Ranunculaceae; Waste Water Treatment -general; ...2.1304

DEMONSTRATION OF THE CHANNEL AERATION PROCESS IN TREATMENT OF SEWAGE ...Aeration (water); Aquatic Plants -nonspecific; Effluents - Waste Water; Sewage; Viral Pollutant Sources; ...2.1310

EVALUATION OF CURRENT TECHNIQUES OF NUTRIENT REMOVAL FROM WASTE WATERS ...Biological Treatment-general; Chemical Treatment -general; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Waste Treatment Economics; ...2.1318

DISSOLVED INORGANIC REMOVAL-SELECTIVE ION AND ORGANIC REMOVAL BY ION EXCHANGE RESINS ...Demineralization; Ion Exchange; Organics; Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general; ...2.1366

DEMONSTRATING THE EFFECT OF NUTRIENTS IN OXIDATION POND RECEIVING STREAMS ...Biochemical Oxygen Demand; Lagoon; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Pond; Waste Water Treatment -general; ...2.1383

PHOSPHATE UPTAKE, STORAGE, AND RELEASE BY MICROORGANISMS IN WASTEWATER TREATMENT ...Carbon; Microorganisms -nonspecific; Phosphorus and Phosphorus Cpds; Recycle Water; Sewage Bacteria; Sludge; Waste Water Treatment -general; ...2.1451

EFFECT OF INDUSTRIAL POLLUTANTS ON WATER QUALITY ...Bacterial Ecology; Bioindicators; Coliforms -nonspecific; Water Pollutant Identification; ...2.1470

FACTORS INFLUENCING THE PRODUCTION OF PLANKTONIC AND BENTHIC PLANTS ...Algal Physiology; Chemical Water Properties; Effluents - Waste Water; Optical Properties of Water; Phytoplankton; Plant Succession; Water Pollution Sources; ...2.1473

BUILD-UP OF MINERAL CONTENT IN LAKE DARDANELLE AND THE EFFECT ON ZOOPLANKTON ...Animal Wastes - Feed Lots; Arkansas, Chemical Analysis (water); Ecological Effects; Eutrophic Lakes; Mineralogical Water Properties; Plankton Sampling; Population Dynamics -general; Zooplankton; ...2.1483

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

EFFECTS OF NUTRIENTS AND POLLUTANTS ON THE GROWTH OF MARINE PHYTOPLANKTON ...Algal Physiology; Marine Biology - General; Marine Pollution; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pacific Ocean; Temperature (water); ...2.1499

AN ENVIRONMENTAL SURVEY OF THE DAMARISCOTTA RIVER ESTUARY, LINCOLN COUNTY, MAINE ...Bottom Sampling; Core Analysis; Estuaries; Maine; Salinity (water); Sewage; ...2.1570

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Plant Population Dynamics - gen; Salinity (water); Swamps - Marshes; Thermal Pollution; Water Quality -general; ...2.1575

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ...New England Province; Sewage; Swamps - Marshes; ...2.1580

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Animal Productivity; Benthic Fauna; Diatoms (see Also Algae); Energy Budgets; Fish; Marine Plants; New England Province; Oxygen Content (water); Sewage; ...2.1586

ENVIRONMENTAL CHANGES IN LAKE ERIE ...Animal Productivity; Aquatic Soils; Environmental Changes; Fish; Lakes; Nutrient Studies -animal; Population Dynamics -general; Water Analysis; ...2.1587

POLLUTION AND THE ECOLOGY OF NEAR-SHORE PERIPHYTON OF LAKE SUPERIOR ...Cellular Physiology- Env. Eff., Contamination - Water; Environmental Influences; Eutrophication; ...2.1599

DYNAMIC WATER QUALITY FORECASTING AND MANAGEMENT ...Algae -nonspecific; Algal Physiology; Ecological Effects; Effluents - Waste Water; Forecasting - Prediction; Management; Sewage Treatment Plant; Water Pollutant Identification; ...2.1646

BASIC RESEARCH IN THE AQUATIC ENVIRONMENT EFFECTS OF EUTROPHICATION ON PLANKTON ALGAE AND BENTHIC PLANTS COMMUNITIES ...Algae - Chlorophyta; Ceratophyllaceae; Eutrophication; Fertilizers -aquatic; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Potamogetonaceae; ...2.1650

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Salinity (water); Sewage; Temperature (water); Water Pollution Sources; ...2.1662

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

THERMAL EFFECTS IN FLOWING STREAMS ...Currents (water); Electric Power Plants; Pollution Effects -see Water; Turbidity (water); ...2.1706

HIGH ANALYSIS FERTILIZER INVESTIGATIONS - FISHERIES ...Aquatic Ecology - Animal; Depth (water); Fertilizers -aquatic; Tennessee; ...2.1718

COLUMBIA RIVER EFFECTS IN THE NORTHEAST PACIFIC - A) BIOLOGICAL; B) CHEMICAL AND GEOLOGICAL; AND C) PHYSICAL OCEANOGRAPHY ...Animal Interrelationships - gen; Annelida; Bathymetry; Benthic Organisms -nonspecific; Columbia River; Marine Animals; Marine Environments; Marine Geology; Marine Plants; Mercury; Ocean Mixing; Organics; Phytoplankton; Radioactivity; River Plume; Sea Water Sampling; Water Pollutants - Path of; ...2.1765

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Model Studies; Physical Water Properties; Primary Productivity - Plants; Statistics; Washington; Water Purification; ...2.1768

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Optimization - Feasibility; Pesticides -see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...3.1938

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Contamination - Soil; Digestion; Glycine; Leaf Analysis; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

SUBARCTIC AERATION LAGOON INVESTIGATIONS, BIOKINETIC REQUIREMENTS AND SEASONAL AND DURNAL EFFECTS ON NUTRIENT BALANCE ...Aeration (water); Alaska; Lagoon; Military Aspects; Pilot Plants; Waste Treatment Economics; ...3.0062

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Analysis and Detection; Biochemical Oxygen Demand; Effluent-standards; Nitrogen and Nitrogen Cpds; Phosphorus and Phosphorus Cpds; Septic Tanks; Silty Soils; Water Pollutant Identification; ...3.0350

LIME TREATMENT AND IMPLANT REUSE OF AN ACTIVATED SLUDGE PLANT EFFLUENT IN THE CITRUS PROCESSING INDUSTRY ...Activated Sludge; Aeration (water); Canning Wastes -see Food Proc.; Chemical Oxygen Demand; Denitrification -see Nitrogen; Effluents - Waste Water; Industrial Wastes; Waste Drying; ...3.0367

TREATMENT AND UTILIZATION OF WASTES ...Algae -nonspecific; Farm Animal Wastes; Industrial Wastes; Product Development Research; Waste Water Treatment -general; Water Pollution Sources; ...3.0393

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Carbamates -nonspecific; Fertilizers; Land Use; Monitoring Systems; Pesticides -see Pesticide; Soil Analysis; ...4.0056

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation - see Pesticide Deg; Lake Champlain; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Sediments; Water Bacteria; ...4.0072

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Aeration (water); Degradation; Formulations -nonspecific; Herbicides -nonspecific; Metabolites From Pesticides; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; ...4.0518

Organic Matter

TOTAL ORGANIC CARBON AS A POLLUTION CONTROL PARAMETER IN SUB-ARCTIC WATERS ...Alaska; Chemical Oxygen Demand; Polar Regions; Water Pollutant Identification; ...2.0007

THE INFLUENCE OF DECOMPOSING SALMON ON WATER CHEMISTRY ...Alaska; Chemical Water Properties; Food Processing Industries; Nitrogen and Nitrogen Cpds; Nutrients; Physiological Effects; Water Pollutants - Path of; ...2.0010

DISTRIBUTION OF ORGANICS FROM SALMON DECOMPOSITION ...Alaska; Carbon; Chemical Effects; Estuaries; Nitrogen; Water Pollutants - Path of; ...2.0011

LIMNOLOGICAL EFFECTS OF ORGANIC WATERSHED LITTER ...Drainage; Floods; Rain Amount; Semi - Arid Regions; Southwest U. S.; ...2.0018

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure - other; Water Reuse; ...2.0031

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

WATER QUALITY AND NUTRIENTS, SACRAMENTO-SAN JOAQUIN RIVER SYSTEM ...Animal Productivity; California; Eutrophication; Fish; Nutrients; Organic Water Properties; Plankton; Tides; ...2.0041

THE ROLE OF SLUDGE WORMS IN PROMOTING EUTROPHICATION ...Animal Productivity; Bays; Eutrophication; Invertebrate Physiology; Lakes; Sewage; Water Bacteria; ...2.0057

MOVEMENT AND ACCUMULATION OF HARMFUL NUTRIENTS IN SOILS AND WATER ...Animal Wastes - Feed Lots; Contamination - Soil; Fertilizers; Nutrients; Percolation (water); Soil Analysis; Soil Minerals -natural; Water Pollutants - Path of; ...2.0081

ORGANIC DEBRIS ON CONNECTICUT BEACHES AND SHORES ...Bacterial Identification; Cellular Catabolism-see Degrad; Connecticut; Marine Plants; Physical Water Properties; Salinity (water); ...2.0084

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem; Soil Organic Content; Sub - Tropic Regions, Tillage, Cropping Systems; Water Quality -general; ...2.0098

PRIMARY PRODUCTION AND DECOMPOSITION IN ESTUARINE WATER ...Algae - Phaeophyta; Algal Physiology; Carbon; Cellular Catabolism-see Degrad; Estuaries; Marine Plants; Organic Properties; ...2.0102

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Forest Watersheds; Hydrographs; Piedmont Province; Rainfall - Runoff Relationship; Slope; Soil Density; Soil Moisture; Water Table; ...2.0113

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

WATER POLLUTION AND ITS CONTROL BY MICROBIAL METABOLIC ACTIVITIES ...Acid Mine Drainage; Cellular Metabolism - Controls; Chemical Effects; Nitrogen and Nitrogen Cpds; Nitrogen Bacteria; Sulfur Bacteria; Water Quality Control - general; ...2.0160

DEGRADATION OF RIPARIAN LEAVES AND THE RECYCLING OF RELEASED NUTRIENTS IN A STREAM ECOSYSTEM ...Chemical Water Properties; Degradation -see Pesticide Deg; Ecological Effects; Energy Budgets; Forest Debris; Nutrients; Physical Water Properties; ...2.0162

MICROBIAL DEGRADATION OF ORGANIC POLLUTANTS OF INDUSTRIAL ORIGIN ...Bacterial Population Surveys; Industrial Wastes; Pilot Plants; Radioisotopes -nonspecific; Toxic Substances; Waste Water Treatment -general; ...2.0176

BENTHAL DEPOSITS EFFECTS ON THE QUALITY OF NATURAL WATERS ...Eutrophication; Marine Environments; Nutrients; ...2.0182

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Animal Productivity; Density; Dystrophic Lakes; Nutrients; Organic Water Properties; Phosphorus and Phosphorus Cpds; Plant Productivity -general; Stratification (water); ...2.0195

DISSOLVED ORGANIC MATTER AND LAKE METABOLISM ...Algae -nonspecific; Algal Physiology; Eutrophic Lakes; Mineral Nutrition; Organic Water Properties; Photosynthesis; Plant Epiphytic Relationships; Plant Productivity -general; Submerged Plants; ...2.0198

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement: Land Use; Nitrification; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography, Forecasting - Prediction; Land Use; New Jersey; River Basins; Urban Environment; Urban Research; Water Pollution Sources; Water Utilization -domestic; ...2.0251

INFLUENCE OF WATER QUALITY IN MAINTAINING WHITENESS WHEN LAUNDERING WHITE FABRICS ...Bleaching, Coloring; Fibers; Home Economics; Materials -properties; Mineralogical Water Properties; Wa. Quality -general; ...2.0297

STUDIES ON EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Chemical Water Properties; Forest Cutting Operations; Forest Watersheds; Optical Properties of Water; Periphyton; Primary Productivity - Plants; Suspension; ...2.0321

SEDIMENT-WATER-BACTERIA INTERACTION IN EUTROPHICATION ...Algae - Cyanophyta; Bacterial Ecology; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Eutrophication; Lake Deposits; Oregon; Water Bacteria; ...2.0324

IMPAIRMENT OF THE FLAVOR OF FISH BY WATER POLLUTANTS ...Food Contamination; Micropterus Salmoides; Salmo Gairdneri; Sulfhydryl Compounds; ...2.0328

PLANT PHENOLS AND RELATED ORGANIC COMPOUNDS IN PUBLIC WATER SOURCES, THEIR RELATIONSHIP TO CHLORINATION ...Chlorination; Forest Debris; New England Province; Phenols; Toxicology; Water Pollution Effects; ...2.0354

CHANGES IN WATER QUALITY PARAMETERS OF RESERVOIRS DURING REGULATED FLOW CONDITIONS ...Acidity (water); Chemical Analysis (water); Eutrophication; Tennessee; Water Bacteria; Water Quality -general; ...2.0369

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

THE ROLE OF PAPER MILL ADDITIVES AS POTENTIAL STREAM POLLUTANTS ...Activation Analysis; Additives; Atmospheric and Environmental; Industrial Wastes; Pulp and Paper Wastes; Waste Treatment; Water Quality Control -general; ...2.0412

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS ...Amphibious Plants; Biological Water Properties; Mineralogical Water Properties; Pesticides -nonspecific; Plant Freshwater Ecology; Radioisotopes; Springs; Washington; ...2.0414

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Bioindicators; Chlorine; Contamination - Water; Mercury; Pesticides -nonspecific; Population Dynamics -general; Water Pollutant Identification; Zinc; ...2.0466

ULTRAVIOLET ABSORPTION IN COASTAL WATERS ...Algae - nonspecific; California; Coastlines - Shorelines; Plant Productivity -general; Ultra Violet Radiation; ...2.0493

ORGANIC SUBSTANCES IN WATER ...Analysis and Detection; Chemical Analysis (water); Chlorinated Hydrocarbons; Distillation; Herbicides -nonspecific; Pesticides -see Pesticide; Water Pollutant Identification; ...2.0496

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; Water Standards & Baselines; ...2.0547

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Air - Sea Boundary Studies; Atomic Absorption; Bays; Degradation -see Pesticide Deg; Hawaii; Marine Pollution; Water Pollutant Identification; ...2.0567

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Contamination - Water; Fish; Illinois; Invertebrates -nonspecific; Pollution Effects -see Water; Sediments; ...2.0576

THE SEPARATION AND IDENTIFICATION OF TRACE ORGANICS OF INDUSTRIAL ORIGIN IN NATURAL WATERS ...Adsorption; Concentration; Gas Chromatography; Infrared Spectroscopy; Spectrographic Techniques; ...2.0581

DYNAMICS OF BIOCHEMICAL OXYGEN DEMAND ...Benthic Organisms -nonspecific; Carbon; Model Studies; New Jersey; Nitrogen and Nitrogen Cpds ; Scouring; ...2.0676

RECOVERY, SEPARATION AND IDENTIFICATION OF PHENOLIC COMPOUNDS, NEW JERSEY ...Chemical Analysis (water); Distillation; Infrared Spectroscopy; New Jersey; Separation; Ultraviolet Spectroscopy; ...2.0681

MICROBIAL FORMATION OF POTENTIALLY HAZARDOUS ORGANIC METAL COMPOUNDS IN WATER ...Arsenic; Cellular Biosynthesis; Cellular Catabolism-see Degrad; Chelation & Complexing; Mercury; ...2.0691

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR ESTUARY POLLUTION CONTROL ...Aeration (water); Boundary Layer Studies; Estuaries; Tidewater Areas; Water Quality Control -general; ...2.0694

ORGANIC NUTRIENT FACTORS AFFECTING ALGAL GROWTH ...Algae - Chlorophyta; Algae - Cyanophyta; Algae - nonspecific; Carbon; Nutrients; Secondary Treatment; ...2.0704

TOXICOLOGICAL INVESTIGATIONS OF ORGANICS FOUND IN WATER SUPPLIES ...Food Contamination; Mammals -nonspecific; Potable Water; Water Pollution -see Specifics; ...2.0717

THE MOLECULAR NATURE OF ORGANIC WASTE REMOVAL PATTERNS ...Activated Sludge; Aquatic Fungi -nonspecific; Bacterial Population Surveys; Process Design; Total Organic Carbon; ...2.0817

STABLE ISOTOPE VARIATIONS IN BIOGEOCHEMICAL SYSTEMS ...Analysis and Detection; Element Ratios; Fluid Mechanics; Gulf of Mexico; Lakes; Tracers; Water Pollution Sources; ...2.0823

CORRELATED STUDIES OF VANCOUVER LAKE--WATER QUALITY PREDICTION STUDY ...Columbia River; Dredging; Lakes; Model Studies; Sediments; Water Quality Control -general; ...2.0840

PHYSICAL-CHEMICAL PHENOMENA ASSOCIATED WITH ORGANO-COLLOIDAL SURFACE INTERACTIONS ...Adsorption; Calorimetry; Colloidal Phenomena; Degradation -see Pesticide Deg; Spectrographic Techniques; Water Chemistry; Xray Diffraction; ...2.0886

MECHANISM OF ORGANIC ADSORPTION ON ACTIVATED CARBON ...Adsorption; Color; Color (water); Hydrolysis, Esterification; Taste & Odor of Water; Waste Water Treatment - general; ...2.0904

EFFECTS OF INTERACTIONS OF CHEMICALS FOR WATER TREATMENT ...Bacterial Pollutant Sources; Chemical Water Properties; Chlorine; Organic Water Properties; Potable Water; Turbidity (water); ...2.0908

ADSORPTION FROM AQUEOUS SOLUTION ...Adsorption; Chemical Mechanisms & Kinetics; Fluid Mechanics; Fluidized Bed Reactor; Organics; Waste Water Treatment -general; ...2.0914

REMOVAL OF ORGANIC CONTAMINANTS ...Carbon Filters; Organics; Waste Water Treatment -general; ...2.0927

ADSORPTION OF ORGANIC COMPOUNDS ONTO SOLIDS FROM AQUEOUS SOLUTIONS ...Adsorption; Chemical Mechanisms & Kinetics; Constants; Fluid Mechanics; Forecasting - Prediction; Model Studies; Organics; ...2.0949

THE EFFECTS OF SUSPENDED SILTS AND CLAYS ON SELF-PURIFICATION IN NATURAL WATERS ...Adsorption Capacity; Cellular Catabolism-see Degrad; Sediments; Size; Suspension; Water Pollution Effects; ...2.0960

REAERATION IN OPEN CHANNEL FLOW ...Aeration (water); Algae -nonspecific; Algal Pollutant Sources; Bacterial Pollutant Sources; Biological Water Properties; Chemical Oxygen Demand; Contamination - Water; Forecasting - Prediction; Physical Water Properties; Waste Water Degradation; Waste Water Treatment - general; ...2.0983

OXYGEN STATUS OF SOIL AIR AND SOIL WATER AS INFLUENCED BY OXYGEN TRANSFER THROUGH THE SOIL PROFILE ...Activation Analysis; Diffusion; Groundwater Movement; Oxidation; Polarography; Septic Tanks; Soil Chemical Properties; Soil Moisture; ...2.0989

AEROBIC, HETEROTROPIC BACTERIA IN ESTUARIES ...Adenosine Triphosphate; Anaerobic Bacteria; Bacterial Identification; Degradation -see Pesticide Deg; Heterotrophic Bacteria; Marine Plants; ...2.0995

INDUCED AIR MIXING OF LARGE BODIES OF POLLUTED WATER ...Acidity (water); Density; Industrial Wastes; Mathematical Models; Reservoirs and Impoundments; ...2.1031

STREAM REAERATION ...Aeration (water); Flow Characteristics (water); Nutrients; Physiological Effects; Southwest U. S.; ...2.1080

BIOCHEMICAL OXIDATION OF HYDROCARBONS IN NATURAL WATERS ...Bacteria -nonspecific; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Water Purification; ...2.1092

DEVELOPMENT OF A PROTOTYPE FOR REMOVAL OF ORGANICS FROM WATER ...Carbon Filters; Filtration; Pilot Plants; Solvent; Water Chemistry; ...2.1094

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Algae -nonspecific; Boating; Fish; Fishing; Mollusca; Recreation; Water Resources; Sewage Lagoons; Waste Water Treatment -general; ...2.1159

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation; Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

COMBINED COOLING AND BIO-TREATMENT OF BEET-SUGAR FACTORY CONDENSER WATER EFFLUENT ...Chemical Treatment (water); Condensers; Food Processing Industries; Industrial Wastes; Sugar Refining Wastes; Thermal Pollution; Waste Water Degradation; ...2.1201

THE CATALYTIC OXIDATION OF ORGANICS IN WASTE-WATER ...Catalysts; Chemical Industry; Chemical Treatment (water); Kinetics; Oxidation; ...2.1211

RECLAMATION OF ENERGY FROM ORGANIC REFUSE ...Anaerobic Wastewater Treatment; Digestion; Fuels; Sewage - Domestic; Waste Material Recovery; ...2.1261

COMPETITIVE ADSORPTION IN THE REMOVAL OF ORGANIC POLLUTANTS FROM AQUEOUS SOLUTION ...Adsorption; Chemical Mechanisms & Kinetics; Model Studies; Organics; Waste Water Treatment -general; Water Chemistry; ...2.1263

DEVELOPMENT OF PULSATING ADSORPTION FILTER FOR TERTIARY TREATMENT OF WASTE WATERS ...Adsorption; Ash-coal Filters; Coal; Pilot Plants; Sand Filters; Tertiary Treatment; Waste Water Degradation; ...2.1270

THE RATE OF NITROGEN AND PHOSPHORUS STRIPPING FROM SEWAGE LAGOONS BY AQUATIC ANGIOSPERMS ...Absorption (incl. Adsorption); Ceratophyllaceae; Haloragaceae; Nitrogen and Nitrogen Cpds.; Nymphaeaceae; Phosphorus and Phosphorus Cpds; Ranunculaceae; Waste Water Treatment - general; ...2.1304

DEMONSTRATION OF THE RECONDITION AND RE-USE OF ORGANICALLY CONTAMINATED BRINES FROM CHEMICAL PROCESS INDUSTRIES ...Brines; Chemical Manufacturing Wastes; Recycle Water; Waste Water Treatment -general; ...2.1307

PILOT PLANT INSTALLATION FOR USE OF FUNGI IMPERFECTI ON VEGETABLE WASTES ...Aeration (water); Food Processing Industries; Minnesota; Pilot Plants; Waste Water Treatment -general; ...2.1309

REMOVAL OF COLLOIDAL MATTER FROM WASTE WATER ...Organic Waste -see Waste Treat; Organics; Waste Water Treatment -general; ...2.1313

RESEARCH INITIATION - LAKE POLLUTION BY INTERNALLY PRODUCED ORGANICS ...Algae -nonspecific; Cellular Catabolism -see Degrad; Plant Productivity -general; Waste Water Treatment -general; ...2.1320

THE USE OF ANAEROBIC FILTERS FOR THE RENOVATION OF ACIDIC WASTEWATERS ...Acid Mine Wastes; Acidity (water); Anaerobic Wastewater Treatment; Filtration; Mathematical Models; Organics; Waste Water Treatment -general; ...2.1323

THE ORGANIC CONCENTRATION GRADIENT IN AN AERATION COLUMN ...Aeration (water); Bubbles; Organic Water Properties; Separation; Surfactants -see Detergents; ...2.1337

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Industrial Wastes; Seepage (water); Sewage Lagoons; Waste Management -see Specific; Water Pollutants - Path of; Water Quality -general; ...2.1360

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

LIMNOLOGICAL EFFECTS OF ORGANIC WATERSHED LITTER ...Forest Debris; Forest Litter, Duff & Humus; Forest Watersheds; Lakes; Physiological Effects; ...2.1480

ENVIRONMENTAL STUDY OF PORT PHILLIP BAY ...Algae - nonspecific; Bays; Color (water); Environment; Waste Treatment; Water Quality Control -general ...2.1485

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Biological Water Properties; Circulation (water); Ecological Effects; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plant Freshwater Ecology; Soil Tillage; Water Properties -general; ...2.1494

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Plant Productivity -general; Population Dynamics -general; Sewage; Urban Environment; ...2.1495

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Pre-impoundment Sites; Reservoirs and Impoundments; Snake River; Water Quality -general; ...2.1544

POLLUTION TOLERANCE OF SELECTED ALGAE ...Algae - nonspecific; Biological Effects; Chemical Water Properties; Ecological Effects; Environmental Influences; India; Lower Plants; Organic Water Properties; Physiological Effects; ...2.1549

BIOGEOCHEMISTRY OF ESTUARINE ECOSYSTEM WITH EMPHASIS ON HEAVY METALS AND SHELLFISH ...Chemical Analysis (water); Contamination - Water; Geochemical Analysis (water); Physiological Effects; ...2.1578

THE EFFECTS OF ENVIRONMENTAL STRESS ON THE COMMUNITY STRUCTURE AND PRODUCTIVITY OF SALT MARSH EPIPHYTIC COMMUNITIES ...Algae -nonspecific; Animal Distribution; Animal Productivity; Calcium; Energy Budgets; Invertebrate Physiology; Marine Animals; Nematoda; Plant Epiphytic Relationships; Plant Physiological Ecology; Species Diversity Measurement; Swamps - Marshes; Water Pollutant Identification; ...2.1651

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water); Channels; Contamination - Water; Ecological Effects; Plant Freshwater Ecology; Primary Productivity - Plants; Sewage Treatment Plant; Thermal Pollution; ...2.1658

ECOLOGICAL PARAMETERS OF THE DEVELOPMENT AND FEEDING HABITS OF SIMULIUM SPP. (BLACK FLIES) ...Animal Pollutant Sources; Aquatic Ecology - Animal; Ecological Effects; Eutrophication; Fish; Water Quality -general; ...2.1692

CHARACTERISTICS OF ORGANIC SUBSTANCES IN TIDAL MARSHES AND BENTHIC ENVIRONMENTS ...Ecological Effects; Estuaries; Marine Environments; Organic Properties; Swamps - Marshes; Tidewater Areas; ...2.1696

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology; Aquatic Ecology - Animal; Electric Power Plants; Induced Temperature; Nutrient Studies -animal; Optical Properties of Water; Periphyton; Pollution Effects -see Water; Primary Productivity - Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1707

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Model Studies; Nutrients; Physical Water Properties; Primary Productivity - Plants; Statistics; Washington; Water Purification; ...2.1768

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

RESEARCH INITIATION - REMOVAL OF ORGANICS BY TRICKLING FILTERS ...Filtration; Microorganisms -nonspecific; Trickling Filters; ...3.0274

MACRO-FAUNA IN WASTE STABILIZATION LAGOONS ...Animal Habitat Studies; Aquatic Ecology - Animal; Sewage Lagoons; Waste Water Degradation; ...3.0283

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation - see Pesticide Deg; Lake Champlain; Nutrients; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Sediments; Water Bacteria; ...4.0072

TRANSLOCATION OF PESTICIDES FROM CRANBERRY BOGS TO THEIR SURROUNDINGS ...Aquatic Soils; Ericaceae; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -see Pesticide; Soil Chemical Properties; Water Pollutants - Path of; ...4.0124

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Animal Wastes - Feed Lots; Economic Efficiency; Environment; Erosion; Livestock - nonspecific; Optimization, Economic; Pesticides -nonspecific; Sediments; Welfare Economics; ...4.1013

ULTRA LOW LEVEL RADIONUCLIDE ANALYSIS ...Analysis and Detection; Chemical Analysis (water); Detectors and Sensors; Gamma Spectroscopy, Ion Exchange; Trace Elements; ...5.0919

Pesticides -see Pesticide

IMPACT ON MAN OF ENVIRONMENTAL CONTAMINATION CAUSED BY LEAD ...Atmospheric Dynamics; Environment Accumulation Rates; Environmental Hazards; Lead; Mercury; Pesticides -nonspecific; Seismology; Toxicology; Water Pollutants - Path of; ...1.0189

ATMOSPHERIC CONSTITUENTS OF THE TERRESTRIAL-TYPE PLANETS ...Algae - Cyanophyta; Algal Pollutant Sources; Environmental Influences; Gases; Pesticides -nonspecific; Space Medicine - Exobiology; Weather - Physical Properties; ...1.0345

SORPTION AND MOVEMENT OF POLLUTED WATER IN SOIL ...Filtration; Groundwater; Pesticide Movement in Soils; Pesticides -nonspecific; Soil Chemical Properties; Soil Types -also See Specifics; Water Chemistry; ...2.0030

ORGANIC GEOCHEMISTRY OF SAN FRANCISCO BAY WATERS AND SEDIMENTS ...Aquatic Soils; California; Deposition-general; Marine Environments; Marine Geology; Mineralogical Properties; Organic Properties; Pesticide Aquatic Cycling; Sediment Relationship; Trace Element Analysis; Turbidity; ...2.0040

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Salt Water; Western U. S.; ...2.0052

BEHAVIOR OF POLLUTANTS IN WATER ...Degradation; Groundwater; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -nonspecific; Soil Moisture; Water Pollutants - Path of; ...2.0074

IRRIGATION RETURN FLOW - NUTRIENT BALANCE ...Agricultural Runoff; Idaho; Nutrients; Pesticides -nonspecific; Salinity (water); Water Pollutants - Path of; ...2.0076

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Sewage; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0099

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Canals; Drainage; Eutrophic Lakes; Fertilizers; Management (water); Mineralogy; Peat; Soil Minerals -natural; Tillage, Cropping Systems; Water Pollutants - Path of; ...2.0105

TOXAPHENE CONTAMINATION - ESTUARINE ECOLOGY ...Aquatic Ecology - Animal; Estuaries; Georgia; Toxaphene; ...2.0116

FATE OF AQUATIC HERBICIDES IN THE AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; Endothall; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Residues; Potable Water; Water Pollutants - Path of; ...2.0127

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects -see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

THE FACTOR CONTROLLING THE DYNAMICS OF NONIONIC SYNTHETIC ORGANIC CHEMICALS IN AQUATIC ENVIRONMENTS ...Adsorption; Aquatic Soils; Lakes; Pesticide Aquatic Cycling; Primary Productivity - Plants; Soil Chemical Properties; Water Chemistry; ...2.0140

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles; Infiltration; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types -also See Specifics; Tillage, Cropping Systems; ...2.0147

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water); Alkalinity (water); Chemical Water Properties; Drainage; Drainage Engineering; Mineralogical Water Properties; Pesticide Residues; Phosphorus and Phosphorus Cpds; Zea Mays - Field Corn; ...2.0149

LIMNOLOGICAL FACTORS AFFECTING PESTICIDE RESIDUES IN SURFACE WATERS ...Agricultural Runoff; Chemical Water Properties; Eutrophication; Pesticide Aquatic Cycling; Reservoirs and Impoundments; ...2.0150

POLLUTION LOADS IN RUNOFF FROM SMALL AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Fertilizers; Herbicides -nonspecific; Pesticides -nonspecific; Water Movement - general; ...2.0174

CHARACTERIZATION OF ESTERASE(S) PRESENT IN FISH BLOOD ...Fish; Marine Biology - General; Pesticide Action on Animals; Pesticides -nonspecific; Physiological Effects; ...2.0219

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Absorption (incl. Adsorption); Bioassay; Chemical Analysis; Degradation -see Pesticide Deg; Gas Chromatography; Infiltration; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Root Absorption; Soil Chemical Properties; Soil pH; Thin Layer Chromatography; Water Pollutants - Path of; ...2.0239

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

SOIL AND WATER MANAGEMENT FOR SALINITY CONTROL - PHASE II ...Groundwater; Leaching; New Mexico; Pesticides - nonspecific; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; Water Pollutants - Path of; ...2.0253

ENVIRONMENTAL BIOLOGY - BIOGEOCHEMICAL CYCLING IN ECOLOGICAL SYSTEMS ...Aquatic Ecology - Animal; Estuaries; Eutrophication; Lysimeters; Pesticide Aquatic Cycling; Water Pollutants - Path of; ...2.0277

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers; Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Soil Chemical Properties; Soil Density; Tension and Measurement; Water Table; ...2.0295

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Radiochemical Analysis; Soil Chemical Properties; Water Pollutants - Path of; Water Quality -general; ...2.0314

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply -general; ...2.0322

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Erosion; Oregon; Pesticide Degradation -see Deg; Soil Chemical Properties; Surface Active-other; Water Pollutants - Path of; ...2.0330

QUANTIFICATION OF POLLUTANTS IN AGRICULTURAL RUNOFF ...Aerial Photography -see Photo.; Applied Climatology; Coliforms -nonspecific; Drainage; Land Use; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Rain Amount; Soil Tillage; Turbidity (water); ...2.0362

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater; Infiltration; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pliocene Epoch; Silting (water) -see Sediment; Water Bacteria; Water Pollution Sources; ...2.0386

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

DDT IN SNOW FALLEN AT HIGH ALTITUDE SINCE 1950 ...Air Pollution; Canada; Chemical Analysis; DDT; Pesticide Aquatic Cycling; Snow; Water Pollutants - Path of; ...2.0400

OCCURRENCE OF PESTICIDES IN AQUATIC ENVIRONMENTS ...Agricultural Runoff; Chemical Analysis; Depth (water); Fish; Irrigation; Organophosphorous Cpds.; Pesticide in Food Chains; Pesticide Residues; Plankton; Soil Chemical Properties; ...2.0413

ORGANIC SUBSTANCES IN WATER ...Analysis and Detection; Chemical Analysis (water); Chlorinated Hydrocarbons; Distillation; Herbicides -nonspecific; Organic Matter; Water Pollutant Identification; ...2.0496

ENZYME SYSTEMS OF ESTUARINE ORGANISMS ...Bioassay; Contamination - Water; Fish; Invertebrate Physiology; Organophosphorous Cpds.; Wildlife Toxicity; ...2.0546

UPPER ST. JOHNS WATER QUALITY, FLORIDA ...Acidity (water); Florida; Mineralogical Water Properties; Trace Elements; ...2.0549

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Aquatic Soils; Benthic Organisms -nonspecific; Marine Animals; Marine Environments; Marine Geology; Offshore Oil; Pesticides -nonspecific; Petroleum -see Oil; Zooplankton; ...2.0560

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Detergents -see Surfactants; Industrial Wastes; Lasers and Masers; Mass Spectroscopy; Petroleum Research; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Atlantic Ocean; Fish; Marine Biology - General; Marine Pollution; Sea Water Sampling; Water Standards & Baselines; ...2.0620

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorous Cpds.; Plant Freshwater Ecology; Recreation; Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Channels; Drainage; Eutrophication; Fish; Pesticide Residues; Reservoirs and Impoundments; Turbidity (water); ...2.0653

DEVELOP IN-HOUSE CAPABILITY IN WATER QUALITY TECHNIQUES FOR ANALYSES OF HEAVY METALS, BACTERIA, AND PESTICIDE RESIDUES ...Bacterial Pollutant Sources; Chemical Analysis (water); Pesticide Formulation; Pesticide Residue Analysis; Pesticides -nonspecific; Pesticides -other; Water Bacteria; ...2.0655

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0683

CHROMATOGRAPHIC CONCENTRATION OF PESTICIDES FROM A LARGE MASS OF WATER ...Analysis and Detection; Chemical Extraction; Column Chromatography; Distribution Coefficient; Partition Chromatography; Pesticide Residues Removal; Pesticides -nonspecific; ...2.0710

INFLUENCE OF SUSPENDED MICROSCOPIC SUBSTANCES ON THE METABOLISM OF MICROORGANISMS RESPONSIBLE FOR BIOLOGICAL ENRICHMENT OF WATER ...Adsorption Capacity; Ecological Effects; Microorganisms -nonspecific; Pesticides -nonspecific; Sediments; Water Pollutants - Path of; ...2.0723

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND TO LAKE ERIE ...Agricultural Runoff; Atrazine; Fertilizers; Irrigation; Leaching; Pesticide Aquatic Cycling; Tillage, Cropping Systems; ...2.0725

QUANTITATIVE METHODS FOR PESTICIDES IN NATURAL WATERS ...Carbamates -nonspecific; Chemical Analysis; Organophosphorous Cpds.; Pesticide Aquatic Cycling; Turbidity (water); ...2.0757

THE BIOASSAY OF WATER POLLUTANTS WITH CULTURED MAMMALIAN CELLS ...Bioassay; Detergents -see Surfactants; Pesticide Formulation; Pesticides -nonspecific; Water Pollutant Identification; ...2.0769

INTERCEPTION AND DEGRADATION OF PESTICIDES BY AQUATIC ALGAE ...Algae - Cyanophyta; Cellular Catabolism-see Degrad; DDT, Dieldrin; Metabolism of Algacides; Microorganism-see Cell. Catab.; Radioisotopes -nonspecific; ...2.0779

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE; Dieldrin; Fish; Heptachlor Epoxide; Lindane; Pesticide Toxicity in Animals; TDE; Water Quality -general; ...2.0797

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes; Mechanism Determination; Wisconsin; ...2.0858

PHOTOCHEMICAL METHODS FOR PURIFYING WATER ...Chemical Oxygen Demand; Effluents - Waste Water; Pesticide Residues Removal; Pesticides -nonspecific; Photolysis; Pilot Plants; Washington; ...2.0877

CONCENTRATION AND ANALYSIS OF PESTICIDES AND OTHER RECALCITRANT MOLECULES IN WATER SUPPLIES BY ULTRAFILTRATION ...Analysis and Detection; Chemical Analysis (water); Pesticide Formulation; Water Pollutant Identification; ...2.0921

ELECTROPHORETIC CLARIFICATION OF WATER ...Adsorption; Colloidal Phenomena; Filtration; Pesticide Residues Removal; Size; Waste Water Treatment -general; Water Pollutant Identification; ...2.0948

IMPROVING THE QUALITY OF OUR WATER RESOURCES ...Adsorption; Filtration; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1015

IMPROVING WATER QUALITY BY REMOVAL OF PESTICIDE POLLUTANTS WITH AQUATIC PLANTS ...Degradation -see Pesticide Deg; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -nonspecific; Plant; Radioisotopes -nonspecific; ...2.1118

STUDY OF METHODS FOR REDUCING WATER POLLUTION FROM STORM SEWER AND COMBINATION DISCHARGES THROUGH DEFINED PUBLIC WORKS PRACTICES ...Air Pollution; Overflow -see Fluid Mechanics; Snow and Ice Removal; Urban Environment; Urban Research -general; Water Quality Control -general; ...2.1242

DEEPWATER PILOT PLANT ENGINEERING AND INTERCEPTOR FEASIBILITY STUDY ...Biochemical Oxygen Demand; Delaware Bay; Dye Wastes; Industrial Wastes; New Jersey; Pilot Plants; Waste Treatment Economics; ...2.1340

INVESTIGATION OF RICE IRRIGATION RETURN FLOWS - TEXAS COASTAL PRAIRIE REGION ...Agricultural Runoff; Fertilizers; Irrigation; Pesticides -nonspecific; Soil Fertility; Water Quality -general; ...2.1421

ALGAL FOODS OF SHELLFISH (MICROORGANISMS AFFECTING SHELLFISH PROGRAM) ...Acidity (water); Captive Rearing; Contamination - Water; Environmental Influences; Fish Food Organisms; Mollusca; Pesticide Toxicity to Microorg; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; ...2.1517

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Groundwater; Infiltration; Pesticide Residues Removal; Sewage; Soil Organic Content; Waste Water Treatment -general; ...2.1540

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Physiological Effects; Pulp and Paper Wastes; Silvex; Temperature (water); ...2.1566

LONG-TERM EFFECTS OF PESTICIDES ON AQUATIC INVERTEBRATES ...Amphipoda; Endrin; Parathion; Sevin; ...2.1588

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; TDE; ...2.1590

PHYSIOLOGIC RESPONSE OF AQUATIC ORGANISMS TO POLLUTANTS ...Adenosine Triphosphate; Animal Pharmacology; Chromium; Dieldrin; Iodine; Ms-222; Pollution Effects -see Water; Rotenone; Water Pollutant Identification; ...2.1592

AN EVALUATION OF WIDELY USED HERBICIDES ON AQUATIC PLANTS, FISH AND FISH-FOOD ORGANISMS ...Acidity (water); Aquatic Plants -nonspecific; Copper Sulfate; D, 2,4-; Endothall; Fertilizers -aquatic; Lakes; Pesticide Evaluation; Pesticide Interaction With Env; Pollution Effects -see Water; Sodium Arsenite; ...2.1594

THE EFFECTS OF HERBICIDES, PESTICIDES, AND FERTILIZERS ON THE OPTICAL PROPERTIES OF WATER ...Analysis and Detection; Herbicides -nonspecific; Liquids; Pesticide Aquatic Cycling; Reflection; Soil Fertility; Water; ...2.1618

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...2.1776

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Fishery Development - other; Lake Ontario; Residues in Foods; Water Depth; Water Levels; Water Resources Planning; ...2.1876

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control -general; Wisconsin; ...2.1938

EFFECT OF HERBICIDES ON AN AQUATIC ENVIRONMENT ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Dichlobenil; Fish; Haloragaceae; Herbicides and Other Chem; Pesticide Action on Plants; Pesticide Interaction With Env; Pesticides -other; Plant; Tissue Accumulation Rates; ...4.0003

UPTAKE AND RELEASE OF DALAPON IN EARTHEN PONDS ...Aquatic Soils; Dalapon; Ictalurus Punctatus; Micropterus Salmoides; Pesticide Formulation; Pesticide Residues; Ponds; Typhaceae; ...4.0006

CONTROL METHODS FOR JUNIPERS, SHRUB LIVE OAK, AND ASSOCIATED WEEDS ...Climates -general; Fenuron; Granules; Capsules; Liquids Or Sprays; Pesticide Residues, Petroleum Cpds. -nonspecific; Plants - Dicotyledons; ...4.0007

CONTROL OF WEEDS AND CERTAIN OTHER AQUATIC PESTS IN THE PACIFIC SOUTHWEST ...Acrolein; Algae - Chlorophyta; Canals; Copper Sulfate; Diquat; Farm Pond; Igran; Molluscicides -nonspecific; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Residues; Plant Phenology; Southwest U. S.; Tenoran; ...4.0013

INVESTIGATIONS OF RESIDUES IN WATER AND CROPS IRRIGATED WITH WATER CONTAINING HERBICIDES ...Allium; Chemical Analysis; Dalapon; Degradation -see Pesticide Deg; Diquat; Endothall; Glycine; Lycopersicum; Pesticide Persistance in Soils; Silvex; Solanum; Sprinkler Irrigation; ...4.0014

ANALYTICAL METHODS FOR PESTICIDES IN SOIL AND WATER ...Carbon; Chemical Analysis (water); DDT; Parsquat; Pesticide Residues; Planavin; Soil Chemical Properties; Water Pollutant Identification; ...4.0016

PHYSIOLOGY, BIOCHEMISTRY AND CONTROL OF AQUATIC WEEDS, CHEMISTRY OF HERBICIDES ...Ceramics; Degradation -see Pesticide Deg; Diquat; Fish; Packaging Materials; Pesticide Evaluation; Plastics; Ponds; Silvex; TCA; Xylene; ...4.0017

HERBICIDE RESIDUES ...Acrolein; Contamination - Soil; D, 2,4-; Fixed Copper; Pesticide Aquatic Cycling; Pesticide Residues; Xylene; ...4.0018

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Cellular Catabolism-see Degrad; Microorganism-see Cell. Catab.; Pesticide Formulation; Pesticide Toxicity to Microorg; Physical Degradation; Soil Chemical Properties; ...4.0019

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules; Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pontederiaceae; Water Resources Protection; ...4.0020

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

EFFLUENT INFLUENCES OF THE MISSISSIPPI RIVER ON THE CHEMISTRY AND BIOLOGY OF ADJACENT OCEAN SYSTEMS ...Chemical Analysis (water); Chlorinated Hydrocarbons; Effluents - Waste Water; Marine Pollution; ...4.0022

EFFECTS OF PESTICIDES ON ESTUARINE PRODUCTIVITY ...Animal Migration; Aquatic Ecology - Animal; Chemical Water Properties; Engineering Structures-general; Estuaries; Fish; Monitoring Systems; Pesticide Residues; Pollution Effects -see Water; ...4.0023

PESTICIDE KINETICS ...Bottom Sampling; Degradation; Environment Accumulation Rates; Marine Biology - General; Pesticide Residues; Tidewater Areas; Water Standards & Baselines; ...4.0024

RELATIONSHIPS BETWEEN PESTICIDES AND GEORGIA FARM POND ECOSYSTEMS ...Aquatic Ecology - Animal; Dieldrin; Farm Pond; Georgia; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Plant Ecology -nonspecific; ...4.0025

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

PESTICIDE MONITORING PROGRAM LAKE MICHIGAN ...Algae -nonspecific; Environment Accumulation Rates; Fish; Lakes; Pesticide in Food Chains; Water Pollutants - Path of; ...4.0028

THE FATE OF SELECT PESTICIDES IN THE AQUATIC ENVIRONMENT ...Algae -nonspecific; Aquatic Ecology - Animal; Cichlidae; Fish; Methoxychlor; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Water Pollutants - Path of; ...4.0029

CONSTRUCTION OF PESTICIDES DEGRADABLE BY NORMAL MICROFLORA OF NATURAL WATERS AND SOILS ...Biodegradation-see Degradation; Degradation -see Pesticide Deg; Microorganism-see Cell. Catab.; Pesticide Action on Animals; Pesticide Degradation -see Deg; ...4.0030

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity to Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Endrin; Eptam; Filtration; Pesticide Formulation; Pesticide Residues Removal; Ponds; Rural Areas; ...4.0034

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; Water Quality Control -general; ...4.0036

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT; Northeast U. S.; Pesticide Residues; Preventative Measures; Sediments; Water Pollutant Identification; Water Quality Control - general; Water Wells; ...4.0037

MASSACHUSETTS PESTICIDE MONITORING STUDY ...Massachusetts; Monitoring Systems; Pesticide Residues; Pesticides - nonspecific; Watersheds; ...4.0038

MECHANISMS OF PESTICIDE ACCUMULATION IN AQUATIC ORGANISMS ...Animal Pests; Biological Effects; Insecticides - nonspecific; Pesticide in Food Chains; Plant Absorption -other; Pollution Effects -see Water; ...4.0039

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

BIOCHEMICAL ECOLOGICAL RELATIONSHIPS OF PESTICIDES AND THE BIO-CONSTITUENTS OF AQUATIC COMMUNITIES ...Acidity (water); Aquatic Ecology - Animal; Cell Injury and Autolysis; Chlorine; Contamination - Water; Fish; Moni-

toring Systems; Pesticide Residues; Physiological Effects; Surface Active-other; Turbidity (water); ...4.0041

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Molluscs; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; Watersheds; ...4.0042

PRESTICIDE INPUTS AND LEVELS IN MINNESOTA WATERS OF THE LAKE SUPERIOR BASIN ...Aquatic Ecology - Animal; Contamination - Water; Lake Superior; Water Pollutants - Path of; ...4.0043

INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Algae -nonspecific; Aquatic Ecology - Animal; Chemical Analysis; Chlorinated Hydrocarbons; Environmental Physiology; Fresh Water; Invertebrate Physiology; Methoxychlor; Pesticide in Food Chains; Pesticide Toxicity to Microorg; Plant Food Chains; Protozoa; Toxaphene; ...4.0048

DEVELOPMENT OF FIELD METHODS IN SAMPLING WATER FOR PESTICIDE ANALYSIS ...Chemical Analysis; Chemical Extraction; Chlorine; Membranes; Plastics; Water Chemistry; ...4.0049

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Carbamates -nonspecific; Fertilizers; Land Use; Monitoring Systems; Nutrients; Soil Analysis; ...4.0056

AN EVALUATION OF THE INSECTICIDE 'SEVIN' AS A WATERSHED POLLUTANT ...Environment Accumulation Rates; New York; Pesticide Residues; Population Dynamics - general; Soil Types -also See Specifics; Water Pollutants - Path of; ...4.0057

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; Watersheds; ...4.0060

CONTAMINATION OF SURFACE AND GROUND WATER WITH INSECTICIDES AND HERBICIDES APPLIED TO CULTIVATED CROPS ...Cotoran; Environment Accumulation Rates; Gossypium; Liquids Or Sprays; Pesticide Movement in Soils; Rain; Trifluralin; ...4.0061

FATE OF POLLUTANTS IN GROUND WATER ...Aquifers; Groundwater; Texas; Water Wells; ...4.0062

PHARMACOLOGICAL AND ECOLOGICAL EFFECTS OF PESTICIDES ...Animal Productivity; Bas; Ecological Effects; Oncorhynchus; Pesticide Action on Animals; Pesticide in Food Chains; Pollution Effects -see Water, Residues in Foods; ...4.0064

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

FISHERIES UNIT ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Catostomidae; Cladocera; Mark, Tag Or Capture -other; Population Dynamics -general; ...4.0066

CHEMICAL BIOCIDES IN LAKES ...Animal Productivity; Birds; Chemical Analysis; Ecological Effects; Environmental Ecology; Fish; Lakes; Pesticide Residues; ...4.0067

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation - see Pesticide Deg; Lake Champlain; Nutrients; Pesticide Toxicity to Microorg; Sediments; Water Bacteria; ...4.0072

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Tetradifon; Water Pollutants - Path of; ...4.0073

HERBICIDE RESIDUES IN IRRIGATION WATER AND IN CROPS AND SOILS IRRIGATED WITH TREATED WATER ...Acrolein; Chenopodiaceae; D, 2,4-; Fish; Glycine; Pesticide Application Rates; Pesticide Persistance in Soils; Silvex; Zea Mays - Field Corn; ...4.0074

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Carbon; Mathematical Analysis; Mathematical Models; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Soil Chemical Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0081

MOVEMENT OF CHLORINATED HYDROCARBON INSECTICIDES IN SOILS ...Aldrin; Chemical Analysis; DDT; Environment; Lindane; Pesticide Movement in Soils; Pesticide Volatility; Physical Degradation; Silty Soils; Soil Moisture; Southwest U. S.; Water Pollutants - Path of; ...4.0085

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Aldrin; DDT; Formulations -nonspecific; Lindane; Percolation (water); Pesticide Movement in Soils; Pesticide Volatility; Radioisotopes -nonspecific; Soil Moisture; Soil Thermal Properties; Water Pollutant Identification; Water Pollutants - Path of; ...4.0086

RESIDUES OF SELECTED PESTICIDES IN PLANTS, ANIMALS, AND THE PHYSICAL ENVIRONMENT ...Aroclor; DDT; Pesticide Movement in Soils; Pesticide Residue Analysis; Radioisotopes -nonspecific; Soil Chemical Properties; Soil Organic Content; ...4.0087

REACTIONS OF PESTICIDES WITH SOILS IN RELATION TO SOIL PRODUCTIVITY IN THE SOUTHWEST ...Dieldrin; Humidity; Loam -see Soil Types; Pesticide Interaction With Env; Pesticide Persistance in Soils; Soil Chemical Properties; Soil Moisture; Soil Temp. -non-specific; Southwest U. S.; Water Pollutants - Path of; ...4.0090

CHLORINATED PESTICIDES IN THE SOIL-WATER-PLANT SYSTEM AND THEIR MANAGEMENT TO AVOID POLLUTION ...Anaerobic Bacteria; Clay Soils; DDC; DDT; Heptachlor; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues Removal; Soil Chemical Properties; Soil Microbiology; Soil Moisture; Soil Temp. -nonspecific; Surfactants - Wetting Agents; ...4.0093

THE DISPOSITION OF PESTICIDES IN THE SOIL ...Cell Injury and Autolysis; Drainage; Herbicides and Other Chem; Nitrification; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Respiration; Soil Fungi -nonspecific; Soil Microbiology; Soil Moisture; Trifluralin; ...4.0098

DISPOSITION OF PESTICIDES IN THE SOIL ...Aldrin; Endrin; Leaching; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Rain; Soil Chemical Properties; Soil Depth; Trifluralin; ...4.0099

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; Water Quality -general; ...4.0100

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

CHARACTERIZATION OF SURFACES OF CRYSTALLINE AND AMORPHOUS SOIL COLLOIDS ...Aluminum; Bioassay; Clay Soils; Environmental Geology; Groundwater; Ipazine; Simazine; Soil Chemical Properties; Triazines -nonspecific; Xray Diffraction; ...4.0109

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Agricultural Runoff; Degradation -see Pesticide Deg; Drainage; Endrin; Floods; Pesticide Residues; Saccharum; Water Pollutants - Path of; Water Table - Depth of; ...4.0115

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

CONTROL OF PESTICIDES IN SOIL AND WATER ...Absorption (incl. Adsorption); Environment Accumulation Rates; Heptachlor Epoxide; Herbicides and Other Chem; Pesticide Drift; Pesticide Persistance in Soils; Pesticide Residues; Plant Absorption -other; Water Pollutants - Path of; ...4.0121

PERSISTENCE, ACCUMULATION AND FATE OF PESTICIDES IN CRANBERRY SOILS AND RESERVOIRS ...Algae -nonspecific; DDT; Drainage; Ericaceae; Gas Chromatography; Leaching; Percolation (water); Pesticide Movement in Soils; Thin Layer Chromatography; ...4.0123

TRANSLOCATION OF PESTICIDES FROM CRANBERRY BOGS TO THEIR SURROUNDINGS ...Aquatic Soils; Ericaceae; Pesticide Aquatic Cycling; Pesticide Residues; Soil Chemical Properties; Water Pollutants - Path of; ...4.0124

RELATIONSHIP OF PESTICIDES IN SOIL, WATER AND PLANTS ...Contamination - Soil; Herbicides -nonspecific; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Soil Microbiology; Water Pollutants - Path of; ...4.0126

SORPTION AND DESORPTION OF CHLORINATED HYDROCARBON PESTICIDES IN AQUATIC SEDIMENT MINERALS ...Adsorption Capacity; Clay Soils; Dieldrin; Heptachlor; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Physical Models; Soil Chemical Properties; Soil pH; ...4.0141

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Agricultural Watersheds; Climates -general; Environment Accumulation Rates; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...4.0155

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Clay Soils; Fenuron; Monuron; Pesticide Movement in Soils; Soil Chemical Properties; Soil Moisture; ...4.0156

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Forest Watersheds; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...D, 2,4-; Leaching; Oregon; Pesticide Movement in Soils; Soil Chemical Properties; Soil Organic Content; Soil Profile; Soil Water Plant Relationships; Water Pollutants - Path of; ...4.0165

PESTICIDE DETOXICATION MECHANISMS OF MICROORGANISMS IN SOIL AND WATER ...Bacterial Identification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Maleran; Pesticide Degradation -see Deg; Sevin; Soil Fungi -nonspecific; Soil Microbiology; ...4.0166

PHYSICAL-CHEMICAL ASPECTS OF PERSISTENCE AND MOVEMENT OF HERBICIDES IN SOIL ...Agricultural Runoff; Bioassay; Colloids; Pesticide Formulation; Pesticide Persistence in Soils; Pesticide Residues; Plant Tissue Analysis -chem.; Soil Chemical Properties; Zea Mays - Field Corn; ...4.0167

FATES OF AGRICULTURAL CHEMICALS IN SOILS ...Agricultural Runoff; Environment Accumulation Rates; Fertilizers; Groundwater; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -nonspecific; Snowmelt; Soil Chemical Properties; South Dakota; Water Pollutants - Path of; ...4.0176

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain Amount, Sediment Yield; Small Watersheds; Toxaphene; ...4.0184

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movement; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

SOILS, PESTICIDES, AND THE QUALITY OF WATER ...Adsorption; Clay Soils; Pesticide Formulation; Pesticides -nonspecific; Sandy Soils -see Soil Type; Soil Thermal Properties; ...4.0187

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; Water Quality - general; ...4.0192

IDENTIFICATION AND DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND RUNOFF AND DRAINAGE WATERS ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticide Residues; Water Pollutant Identification; ...4.0199

RESPROUTING OF CHAPARRAL ...D, 2,4-; Granules, Capsules; Pesticide Evaluation; Plant Phenology; Quercus; T, 2,4,5-; ...4.0234

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; Western U. S.; ...4.0244

CONTROL OF WEEDS IN AGRONOMIC AND VEGETABLE CROPS WITH HERBICIDES ...Alachlor; Asparagus; Convolvulaceae; Cucurbitaceae; Datura; Glycine; Leguminosae; Pesticide Action on Plants; Pesticide Evaluation; Pesticide Phytotoxicity; Phaseolus; Solanum; Symbiotic Nitrogen Fixation; Translocation; ...4.0256

AN INVESTIGATION OF THE EFFECTS OF DDT AND OTHER CHLORINATED HYDROCARBONS ON THE GROWTH OF EURYHALINE MICROALGAE ...Algae -nonspecific; Chlorinated Hydrocarbons; Metabolism of Algicides; Pesticide Formulation; Physiological Effects; ...4.0337

RESPONSE OF PLANT COMMUNITIES TO SUSTAINED USE OF HERBICIDES ...Amino Triazole; Dalapon; Environment Accumulation Rates; Pesticide Evaluation; Pesticide Residues; Riparian Plants; TCA; ...4.0393

FACTORS INFLUENCING INSECTICIDE RESIDUES IN FOOD, FORAGE AND OIL CROPS, AND SOIL ...Aliphatic Carbamates; Chenopodiaceae; D, 2,4-; DDT; Leaching; Pesticide Movement in Soils; Pesticide Residue Analysis; Pesticide Residues in Foods; Plant; Solanum; ...4.0435

DEVELOPMENT OF TILLAGE-REPLACING HERBICIDE SYSTEMS ...Agricultural Runoff; Chemical Tillage Or Nontillage; D, 2,4-; Panicum -other; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; Petroleum Cpds. -nonspecific; Soil Tillage; Zea Mays - Field Corn; ...4.0445

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Aeration (water); Degradation; Formulations -nonspecific; Herbicides -nonspecific; Metabolites From Pesticides; Pesticide Aquatic Cycling; Sediments; ...4.0518

EFFECT OF ENDRIN ON EGG-SPERM FORMATION AND EMBRYONIC DEVELOPMENT ...Ceramius Auratus; Embryology -basic; Endrin; Ictalorus Punctatus; Laboratory Animals; Pesticide Action on Animals; Water Pollution Effects; ...4.0531

EFFECT OF ENDRIN ON FISH AND THEIR ENVIRONMENT UNDER CONTROLLED CONDITIONS ...Aquaria; Aquatic Plants -nonspecific; Carbon; Endrin; Environmental Physiology; Fish; Pesticide Action on Animals; Soil Types -also See Specifics; ...4.0532

PESTICIDES RESEARCH ...Alaska; Chemical Analysis; DDT; Fish; Invertebrates -nonspecific; Water Pollution Effects; ...4.0534

EFFECT OF MOSQUITO CONTROL CHEMICALS ON AQUATIC FAUNA ...Abate; Biological Effects; Irrigation; Oryzeae; Pesticide Evaluation; ...4.0539

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Contamination - Water; Estuaries; Laboratory Animals; Pesticide Interaction With Env; Pesticides -nonspecific; Physiological Effects; Water Quality -general; ...4.0544

PHYSIOLOGY OF ESTUARINE ORGANISMS ...Carbon; Estuaries; Hippolyte; Invertebrate Physiology; Marine Animals; ...4.0591

EFFECTS OF PESTICIDES ON MARINE ANIMALS ...Developmental Physiology; Echinodermata; Hippolyte; Invertebrate Physiology; Marine Pollution; Pesticide Toxicity in Animals; ...4.0593

BEHAVIOR OF ESTUARINE ANIMALS ...Animal Behavioral Ecology; Behavior -vertebrate; Chemical Water Properties; Environment Resistance-animals; Estuaries; Fish; Marine Animals; Mollusca; Pesticide Toxicity in Animals; Pollution Effects -see Water; ...4.0594

LABORATORY BIOASSAYS ...Bioassay; Fish; Hippolyte; Marine Animals; Marine Pollution; Ostreidae (oyster); Pesticides -nonspecific; ...4.0595

RELATIONSHIPS BETWEEN SUB-LETHAL PESTICIDES AND REPRODUCTION AND BEHAVIOR OF FISHES ...Behavior - vertebrate; Cyprinodontidae; DDT -see Pesticides; Fish; Laboratory Animals; Pesticide Evaluation; Pesticides -nonspecific; Psychology; ...4.0598

IMPACT OF PESTICIDES UPON SEMI-WILD ECOSYSTEMS ...Amphibians; Birds; Crayfish; Environment Accumulation Rates; Mammals; Mustelidae; Pesticide Persistance in Soils; Pesticide Residues; Reptiles; Water Pollutants - Path of; ...4.0633

THE EFFECTS OF PESTICIDE RESIDUES ON LARVAL AND JUVENILE WINTER FLOUNDER IN THE WEWEANTIC RIVER ESTUARY, MASSACHUSETTS ...Animal Habitat Studies; Aquatic Ecology - Animal; Bioassays; Contamination - Water; Estuaries; Laboratory Animals; Parathion; Physiological Effects; Spawn Or Nesting Sites; ...4.0653

PESTICIDE RESIDUE EFFECTS ON LARVAL MARINE FISHES ...Captive Rearing; DDT; Estuaries; Heptachlor; Massachusetts; Pleuronectidae; Spawning -see Fish & Shellfish; ...4.0654

RATES OF PESTICIDE BUILDUP IN SALMONIDS RECENTLY INTRODUCED IN THE GREAT LAKES ...Aquatic Ecology - Animal; Insecticides -nonspecific; Lake Superior; Marine Pollution; Pollution Effects -see Water; ...4.0661

FIELD STUDIES OF PESTICIDE EFFECTS ON FISHES ...Animal Productivity; Bioassay; Environmental Physiology; Methoxychlor; Pesticide Action on Animals; Physiological Effects; ...4.0662

MAGNITUDE AND NATURE OF POLYCHLORINATED BIPHENYLS IN COHO SALMON ...Chemical Analysis; DDT; Lake Michigan; Water Pollutant Identification; ...4.0674

A TISSUE ENZYME ASSAY FOR CHLORINATED HYDROCARBON INSECTICIDES ...Animal; Bioassays; Cyclodiene Cpds. -nonspecific; Lepomis Macrochirus; Water Pollutant Identification; ...4.0681

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Chlorine; Dieldrin; Endrin; Laboratory Animals; Pesticide Action on Animals; Salmo Gairdneri; Water Pollution Effects; ...4.0697

EFFECTS ON THE SPERMIATION RESPONSE OF GOLDFISH AFTER EXPOSURE TO SELECTED PESTICIDES ...Carassius Auratus; Pesticide Action on Animals; Pesticides -nonspecific; Water Pollution Effects; ...4.0698

NERVE IMPULSE TRANSMISSION CHARACTERISTICS OF ISOLATED FISH-NERVE PREPARATIONS PERFUSED WITH PHYSIOLOGICAL LEVELS OF SELECTED PESTICIDES ...Chlorinated Hydrocarbons; Cichlidae; Ictaluridae; Pesticide Action on Animals; Salmonidae; Water Pollution Effects; ...4.0699

COMPARISON OF METHODS USED TO MEASURE ESTERASE ACTIVITY. INTERACTIONS BETWEEN PESTICIDES ON FISH ENZYME SYSTEMS ...Ictalurus Punctatus; Lepomis Macrochirus; Pesticide Action on Animals; Pesticides -nonspecific; Salmo Clarki; Spectrographic Techniques; ...4.0702

INFLUENCE OF PROTOZOAN ACTIVITY ON HALOGENATED HYDROCARBON RESIDUES - INTERACTION BETWEEN MICROORGANISMS AND PESTICIDES ...Aquatic Ecology - Animal; Biodegradation; Fresh Water; Invertebrate Physiology; Protozoa; ...4.0706

THE EFFECT OF PESTICIDES ON PRIMARY PRODUCERS IN A FRESHWATER ECOSYSTEM (ABBREV.) ...Adenosine Triphosphate; Aroclor; Insecticides -nonspecific; Phytoplankton; Polychlorinated Biphenyl Cpds.; ...4.0707

THE INFLUENCES OF ENVIRONMENTAL CONDITIONS ON THE TOXICITY OF PESTICIDES ...Aquatic Ecology - Animal; Bioassays; Fish; Pesticides -nonspecific; Pollution Effects -see Water; Water Pollution Effects; ...4.0709

THE SUSCEPTIBILITY OF VARIOUS LIFE STAGES OF FISH TO SOME COMMONLY USED PESTICIDES ...Centrarchidae; Fish; Invertebrates -nonspecific; Laboratory Animals; Pesticides - nonspecific; Salmonidae; Water Pollution Effects; ...4.0709

RELATIVE SUSCEPTIBILITIES OF FISH FAMILIES TO HERBICIDES ...Animal Resistance; Centrarchidae; Fish; Ictaluridae; Percidae; Water Pollutant Identification; ...4.0710

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; Pesticides -nonspecific; Plant Freshwater Ecology; Temperature (water); Water Quality -general; ...4.0716

EFFECTS OF PARATHION AND MALATHION ON WARM-WATER FISH PONDS ...Aquatic Ecology - Animal; Ictalurus Punctatus; Malathion; Pesticide Action on Animals; Temperature (water); ...4.0717

UPTAKE, PERSISTENCE AND METABOLITES OF SEVIN BY CHANNEL CATFISH ...Ictalurus Punctatus; Pesticide Action on Animals; Sevin; Water Pollution Effects; ...4.0718

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Bioassay; DDT; Dieldrin; Pesticide Action on Animals; Salmo Gairdneri; Water Pollution Effects; ...4.0724

PESTICIDE EFFECTS ON NITROGEN METABOLISM IN TELEOSTS ...Chemical Analysis; Fish; Nitrogen and Nitrogen Cpds.; Pesticide Action on Animals; Pesticide Application Rates; Pesticides -nonspecific; ...4.0725

PESTICIDE EFFECTS ON FISH ENDOCRINE FUNCTIONS ...Cell Injury and Autolysis; Fish; Pesticide Action on Animals; Pesticides -nonspecific; Physiological Effects; ...4.0726

MINERAL IMBALANCE IN BLUEGILLS EXPOSED TO MALATHION PESTICIDE-INDUCED MINERAL IMBALANCE IN FISH ...Laboratory Animals; Lepomis Macrochirus; Malathion; Phosphorus and Phosphorus Cpds; Zinc; ...4.0727

UPTAKE AND METABOLISM BY FISH OF 2,4-D DIMETHYL AMINE SALT ...Carbon; D, 2,4-; Ictalurus Punctatus; Pesticide Formulation; Salmo Gairdneri; ...4.0730

STUDIES ON THE UPTAKE AND TRANSLOCATION OF C14-LABELED DDT AND ALDRIN IN INVERTEBRATE POPULATIONS, FY 1970 ...Aldrin; Animal Resistance; Cladocera; DDT; Invertebrate Physiology; Pesticide Action on Animals; Pesticide in Food Chains; ...4.0734

CONTINUOUS-FLOW BIOASSAY OF PESTICIDES TO EVALUATE THE ACUTE AND CHRONIC EFFECTS OF PESTICIDES TO FRESHWATER INVERTEBRATES (APBREV.) ...Invertebrate Physiology; Laboratory Animals; Pesticide Tolerance Rate; Pesticides -nonspecific; Physiological Effects; ...4.0737

RESPIRATION RATES OF FISH-FOOD INVERTEBRATES EXPOSED TO PESTICIDES ...Carbamates -nonspecific; Contamination - Water; Invertebrates -nonspecific; Pesticide Action on Animals; ...4.0738

METHOXYCHLOR-CAUSED EFFECTS ON CUTTHROAT TROUT PHYSIOLOGY - CHRONIC TOXICITY OF INSECTICIDES TO COLD-WATER FISH ...Laboratory Animals; Methoxychlor; Pesticide Action on Animals; Salmo Clarki; Wyoming; ...4.0740

THE FATE AND EFFECTS OF PESTICIDES IN THE AQUATIC ENVIRONMENT OF THE FLATHEAD LAKE DRAINAGE AREA ...Analysis and Detection; Animal Productivity; Aquatic Plants -nonspecific; Chemical Analysis (water); Column Chromatography; Falconiformes; Fish; Lakes; Pesticide Toxicity to Microorg; Population Dynamics -general; Water Pollutants - Path of; ...4.0752

THE RELATIONSHIP BETWEEN THE USE OF AGRICULTURAL CHLORINATED HYDROCARBONS AND THEIR RESIDUES IN CHANNEL CATFISH ...Chemical Analysis; DDT; Fish; Land Use; River Basins; ...4.0754

NEUTRALIZATION OF ROTENONE WITH ACTIVATED CHARCOAL ...Carbon; Fish; Neutralization; Pesticide Residues Removal; Rotenone; ...4.0776

CENTER FOR THE STUDY OF THE HUMAN ENVIRONMENT ...Air Pollution; Environmental Effects - Human; Pesticides -nonspecific; Physiological Effects; Research Facilities; Water Quality -general; ...4.0805

THE EFFECT OF DIELDRIN ON SURVIVAL AND DEVELOPMENT OF FISH EGGS ...Aldrin; Dieldrin; Ictaluridae; Laboratory Animals; Pesticide Action on Animals; Pollution Effects -see Water; Stizostedion Vitreum Vitreum; ...4.0807

THE UPTAKE OF DIELDRIN IN THE THREE RIDGED NAIAD, AMBLEMA PLICATA ...Aquatic Ecology - Animal; Dieldrin; Molluscs; Ohio River; Pollution Effects -see Water; Water Pollutant Identification; ...4.0808

ENVIRONMENTAL TOXICOLOGY OF PESTICIDES ...Air Pollution; Contamination - Water; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Residues; Residues in Foods; ...4.0822

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Aquatic Ecology - Animal; Dursban; Estuaries; Marine Animals; Pesticide Action on Animals; Pesticide Toxicity in Animals; Physical Models; Pollution Effects -see Water; Se... ...4.0825

EFFECTS OF PESTICIDES ON ESTUARINE ORGANISMS ...Animal; Bioassay; Contamination - Water; Dursban; Environmental Geology; Fish; Laboratory Animals; Marine Biology - General; Percidae; Pesticide Formulation; Pesticide Toxicity in Animals; Physiological Effects; Salinity (water); Water Pollutants - Path of; ...4.0826

PESTICIDE RESIDUES IN OR ON RAW AGRICULTURAL COMMODITIES ...Air Pollution -see Specifics; Bus; DDT; Dieldrin; Endrin; Fish; Heptachlor Epoxide; Mammals; Pesticide Residues in Feeds; TDE; ...4.0836

CORRELATION OF STRUCTURE VS. ACTIVITY OF POLLUTANTS OF FRESH WATER ...Analysis and Detection; Carbamates -see Pesticides; Fresh Water; Invertebrate Physiology; Pesticide Action on Animals; Water Pollutant Identification; ...4.0839

PESTICIDE MONITORING ...Captive Rearing; Chemical Analysis; Chlorinated Hydrocarbons; Fish; Fish Food Supply -other; Gas Chromatography; Monitoring Systems; ...4.0892

EFFECT OF PESTICIDE RESIDUES ON GAME FISH POPULATIONS ...Animal Life History Studies; Laboratory Animals; Pesticide Action on Animals; Population Dynamics -general; ...4.0893

ELIMINATE OR REDUCE EFFECTS OF PESTICIDE RESIDUES ...Captive Rearing; DDT; Fish; Fish Food Supply -other; Pesticide Action on Animals; Salmonidae; ...4.0894

CHRONIC TOXICITY OF PESTICIDES TO COLD-WATER FISH ...Animal Pharmacology; Fish; Nutrition; Pesticide Residues; Shock -animal; ...4.0920

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology; Silver; Temperature (water); Water Quality Control -general; ...4.0939

ECOLOGY AND BIOCONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Animal Life History Studies; Benthic Organisms - nonspecific; Biological Effects; Centrarchidae; Diquat; Fish; Gastropoda; Hydrocharitaceae; Paraquat; Pesticide Evaluation; Southeast U. S.; Temperature (water); ...4.0940

REDUCTION OF HAZARDS ASSOCIATED WITH RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution; Air Pollution -see Specifics; Animal; Contamination - Water; Degradation -see Pesticide Deg; Domestic Animals; Environment Accumulation Rates; Illinois; Lakes; Pesticide Aquatic Cycling; Pesticide Interaction With Env; Pesticide Phytotoxicity; Pesticide Toxicity to Microorg; Plant; Soil Microbiology; ...4.0943

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Animal; Chemical Analysis (water); Environmental Hazards; Parasitism; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Plant; Soil Microbiology; Water Pollutants - Path of; ...4.0947

TOXICOLOGY OF PESTICIDES IN THE ENVIRONMENT ...Air Pollution; Behavior -vertebrate; Chlorinated Hydrocarbons; Ecological Effects; Herbicides and Other Chem; Metabolism of Algacides; Muridae; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Phytotoxicity; ...4.0978

CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PESTICIDE MANUFACTURING WASTES ...Bibliography; Canada; Contamination - Water; Literature Search; Pesticide Industry; Pesticides; ...4.0986

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Population Dynamics -general; Soil Contamination -other; Urine; ...4.0987

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pollution Effects -see Water; Public Health Ecology; Wildlife Habitats -see Animal; ...4.1006

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Animal Wastes - Feed Lots; Economic Efficiency; Environment; Erosion; Livestock - nonspecific; Optimization; Economic; Pesticides -nonspecific; Sediments; Welfare Economics; ...4.1013

PESTICIDE MONITORING PROGRAM ...Aldrin; BHC; Chemical Analysis; Cooperative Studies; Dieldrin; Estuaries; Gas Chromatography; Heptachlor; Lindane; Methoxychlor; Ostreidae (oyster); Pesticide Evaluation; Water Pollutant Identification; ...4.1014

CHEMICAL ANALYSES ...Chemical Analysis (water); Contamination - Water; Estuaries; Invertebrate Physiology; Metabolism of Algacides; Pesticide in Food Chains; Pollution Effects -see Water; ...4.1015

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phosdrin; Ponds; Sevin; Sus Thimet; Water Quality Control -general; ...4.1024

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

REDUCTION OF RESIDUES OF INSECTICIDAL CHEMICALS IN THE ENVIRONMENT ...Air Pollution -see Specifics; Aldrin; Diazinon; Heptachlor; Irrigation; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Radiation Sources -general; Solar Light; Water Pollutants - Path of; ...4.1033

PESTICIDE CONTAMINATION OF ENVIRONMENT ...Bottom Sampling; Chemical Analysis; Cynodon; Dieldrin; Fish; Guthion; Louisiana; Monitoring Systems; Oryzeae; Pesticide Evaluation; Pesticide Residues; Residues in Foods; Water Pollutants - Path of; ...4.1038

MONITORING OF PESTICIDE LEVELS IN THE GREAT LAKES ...Aquatic Ecology - Animal; Fish; Great Lakes -see Specific Lake; Lakes; Pesticide Residue Analysis; Pollution Effects -see Water; ...4.1045

QUALITY FACTORS OF LAKE MICHIGAN COHO SALMON FLESH ...DDE; Dieldrin; Oncorhynchus; Spawning -see Fish & Shellfish; ...4.1046

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Biodegradation; Home Economics; Pesticide Residue Analysis; Pesticide Residues Removal; Residues in Foods; ...4.1049

DEVELOPMENT OF TECHNIQUES FOR IDENTIFICATION OF PESTICIDES AND THEIR METABOLITES BY MASS SPECTROMETRY ...Carbon; Chemical Analysis (water); Insecticides - nonspecific; Mass Spectroscopy; Thin Layer Chromatography; ...4.1056

PREPARATION OF CHLORINE-36 LABELED ORGANOCHLORINE PESTICIDES AND RELATED COMPOUNDS (PCB'S) ...Chemical Analysis; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Radioisotopes; ...4.1057

DEVELOPMENT OF ANALYTICAL METHODS FOR SELECTED HERBICIDES ...Chemical Analysis; Chemical Analysis (water); Gas Chromatography; Handbooks; Herbicides -nonspecific; Literature Search; Radioisotopes -nonspecific; ...4.1060

UPDATING THE 'HANDBOOK OF PROCEDURES FOR PESTICIDE RESIDUE ANALYSIS' - METHODOLOGY IN CHEMICAL ANALYSIS AND SAMPLING ...Chemical Analysis (water); Chemical Analysis -general; Handbooks; Pesticide Residue Analysis; Pesticides -nonspecific; ...4.1062

ANALYSIS OF PESTICIDE RESIDUES ...Chemical Analysis; Chlorinated Hydrocarbons; Metabolites From Pesticides; Organophorphorous Cpds.; Pesticide Aquatic Cycling; Pesticide Residues; ...4.1063

FATE OF PESTICIDES ...Absorption (incl. Adsorption); Activated Sludge; Chemical Analysis; D, 2,4-; Degradation -see Pesticide Deg; Diazonon; Gas Chromatography; Herbicides and Other Chem; Linuron; Mca-600; Monuron; Parathion; Pesticide Action on Plants; Pesticide Phytotoxicity; Plant; ...4.1075

PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES AND ENVIRONMENTS ...Animal; Cooperative Studies; Degradation -see Pesticide Deg; North Carolina; Pesticide Degradation -see Deg; Pesticide Persistence in Soils; Pesticide Residue Analysis; Pesticide Toxicity to Animals; Rock - Soil Pollution; ...4.1092

ANALYTICAL METHODS FOR PESTICIDES AND PESTICIDE DEGRADATION PRODUCTS ...Bas; Degradation -see Pesticide Deg; Methyl Parathion; Parathion; Pesticide Persistance in Soils; Pesticide Residues; Sumithion; ...4.1103

FATE AND PERSISTENCE OF PESTICIDES AND PHYSIOLOGICALLY ACTIVE DEGRADATION PRODUCTS ...Degradation; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -nonspecific; Physical Degradation; Soil Types -also See Specifics; ...4.1104

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Solar Radiation -sunshine; Trifluralin; ...4.1109

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

INTERFERING SOIL CONSTITUENTS IN DETERMINATION OF PESTICIDE RESIDUES IN SOIL AND WATER ...Agricultural Runoff; Chemical Analysis; Pesticide Aquatic Cycling; Pesticides - nonspecific; Soil Chemical Properties; Soil Types -also See Specifics; ...4.1131

Petroleum Wastes - Spillage

ECOLOGY OF A TROPICAL SHORE - PRE-ANALYSIS FOR POLLUTION STUDIES ...Ecological Effects; Marine Geology; Petroleum -see Oil; Pollution Effects -see Water; Water Pollution Abatement; ...2.0058

OIL SPILL CONTROL FACILITY ...Connecticut River; Ships and Cranes; Water Resources Planning; Water Resources Protection; ...2.0083

BIODEGRADATION OF OIL SLICKS IN THE MARINE ENVIRONMENT ...Actinomycetes nonspecific; Cellular Catabolism -see Degrad; Detergents -see Surfactants; Marine Bacteria; Oil; ...2.0248

BUFFALO RIVER OIL POLLUTION PROGRAM ...Data Reduction and Analysis; New York; Oil Removal; Water Pollution Abatement; ...2.0258

MOLECULAR INTERACTIONS AT THE OIL-WATER INTERFACE AND THE FORMATION OF MICROEMULSIONS ...Detergents -see Surfactants; Electrochemistry; Microscopy; Oil Removal; Spectrographs; Techniques; Surfactants -see Detergents; ...2.0273

CONTROL OF POLLUTION FROM OUTBOARD ENGINES EXHAUST - A RECONNAISSANCE STUDY ...Air Cleaning Devices; Combustion; Gas Chromatography; Thin Layer Chromatography; Water Purification; ...2.0275

THE CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF PETROCHEMICAL WASTES ...Chemical Industry; Chemical Manufacturing Wastes; Groundwater; Industrial Wastes; Petroleum Industry; Water Pollution Effects; ...2.0310

GEOCHEMISTRY OF OILFIELD BRINES ...Analysis and Detection; Bromine; Gas -natural; Mineralogical Water Properties; Origin; Trace Analysis; ...2.0312

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE ...Aircraft Remote Sensing; Chesapeake Bay; Estuaries; Fluorometry; Monolayers; Water Pollutants - Path of; Wind; ...2.0411

REVIEW OF THE SANTA BARBARA CHANNEL OIL POLLUTION INCIDENT ...Biological Effects; Channels; Contamination - Water; Marine Biology - General; Oil Removal; ...2.0419

SEISMOLOGICAL STUDIES - SANTA BARBARA ...California, Channels; Faults - Geology; Recovery - Production; Seismology; Tectonics; ...2.0498

DEVELOPMENT OF NUCLEAR ANALYTICAL TECHNIQUES FOR OIL SLICK IDENTIFICATION ...Activation Analysis; Atmospheric and Environmental; Law Enforcement; Marine and Hydrology; Oil; ...2.0501

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

INVESTIGATION OF MICROLAYER COLLECTION FOR POLLUTION MEASUREMENT ...Air - Sea Boundary Studies; Atomic Absorption; Bays; Degradation -see Pesticide Deg; Hawaii; Marine Pollution; Organic Matter; Water Pollutant Identification; ...2.0567

DETECTION OF OIL CONTAMINATION IN SEA WATER ...Chemical Analysis (water); Infrared Spectroscopy; Oil; ...2.0577

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Detergents -see Surfactants; Industrial Wastes; Lasers and Masers; Mass Spectroscopy; Pesticides -see Pesticide; Petroleum Research; Raman Spectroscopy; Surfactants -see Detergents; ...2.0599

THE IMPACT OF MICROORGANISMS ON OIL ...Bacterial Ecology; Biological Effects; Degradation -see Pesticide Deg; Food Contamination; Louisiana; Ostreidae (oyster); Water Pollutant Identification; ...2.0603

DETECTION, IDENTIFICATION, AND DETERMINATION OF OILS, TARS, AND SLIMES BY REFLECTANCE SPECTROSCOPY ...California; Chemical Properties; Internal Reflection; Water Pollutant Identification; ...2.0630

TESTING METHODS FOR EVALUATION OF BOTH EFFECTIVENESS AND TOXICITY TO AQUATIC LIFE OF VARIOUS TREATING MATERIALS ...Adsorption; Chemical Treatment (water); Degradation -see Pesticide Deg; Oil Removal; Pesticide Toxicity -general; Physiological Effects; Surfactants -see Detergents; ...2.0645

IDENTIFICATION AND CONTROL OF PETROCHEMICAL POLLUTANTS INHIBITORY TO ANAEROBIC TREATMENT ...Anaerobic Wastewater Treatment; Lagoon; Organic Waste -see Waste Treat; Waste Dilution- Self Purifying; Waste Water Degradation; Waste Water Treatment -general; ...2.0651

APPLICATION OF REMOTE SENSING TO SURFACE PARAMETERS OF LARGE WATER BODIES ...Aircraft Remote Sensing; Circulation (water); Energy Conversion; Microwave Radiation; Thermal Pollution; ...2.0664

PROVIDE A COMPENDIUM OF OIL SPILL TREATING AGENTS COVERING ABSORBENTS, DIS/ERSANTS, SINKING AGENTS, COMBUSTION PROMOTERS, GELLING AGENTS, ETC ...Absorption - Chemistry; Combustion; Dispersants; Oil; Oil Removal; Sedimentation; ...2.0955

FEASIBILITY ANALYSIS OF INCINERATOR SYSTEMS FOR RESTORATION OF OIL CONTAMINATED BEACHES ...Burners; Marine Environments; Oil; Oil Removal; ...2.0966

LAKE CURRENTS AND DIFFUSION PROCESSES ...Canada; Dispersion (water); Fluid Mechanics; Water Pollutants - Path of; ...2.0975

TEST AND EVALUATE EQUIPMENT FOR CONTAINING AND REMOVING OIL SPILLS IN HARBORS AND ADJACENT WATERS ...Harbors; Maine; Oil; Oil Removal; Waste Material Recovery; Water Pollution Abatement; ...2.1032

OIL DISPERSION COALESCENCE BY POROUS SOLID CONTACT ...Boat Discharges; Filtration; Industrial Wastes; ...2.1042

MICROBIAL DEGRADATION OF HYDROCARBONS ...Bacterial Studies -general; Contamination - Water; North Carolina; Petroleum -see Oil; Water Bacteria; ...2.1070

DEGRADATION OF PETROLEUM AND RELATED COMPOUNDS IN THE BIOSPHERE ...Bacterial Population Surveys; Cellular Catabolism-see Degrad; Ionic Effects; Marine Plants; Oil; Petroleum -see Oil; Petroleum Research; ...2.1071

OIL SPILLAGE CONTROL ...Foam; Oil Removal; Surfactants -see Detergents; Vacuum Techniques; Waste Management -see Specific; ...2.1078

REMOVAL OF OIL FROM AQUEOUS WASTES BY FLOTATION ...Bubbles; Flotation; Oil Removal; Water Quality Control - general; ...2.1168

USE OF COAGULATION IN THE FLOTATION OF WASTEWATER ...Biochemical Oxygen Demand; Coagulation; Flotation; Industrial Wastes; Sedimentation; Turbidity; Waste Management - see Specific; ...2.1247

INVESTIGATION OF RECOVERY OF LARGE MARINE OIL SPILLS BY USE OF A VORTEX ASSISTED AIR LIFT ...Fluid Mechanics; Hydraulics; Ocean Waves -see Waves; Oil; Oil Removal; Physical Models; Ships and Cruises; ...2.1444

PROCESSING RETORTING WASTE WATERS ...Chemical Manufacturing Wastes; Oil Removal; Oil Shale; Process Design; Waste Disposal-see Solid Waste; Waste Material Recovery; ...2.1464

POSSIBLE EFFECTS OF CRUDE OIL ON AQUATIC ORGANISMS ...Alaska; Environmental Physiology; Marine Animals; Pollution Effects -see Water; ...2.1477

ABUNDANCE AND COMPOSITION OF DEEP AND SHALLOW WATER MACROPLANKTON AND LITTORAL FISH POPULATIONS IN AND ABOUT THE SANTA BARBARA CHANNEL ...Animal Habitat Studies; Biological Effects; Channels; Hippolyte; Osteichthyes -other; Plankton Sampling; Scorpaenidae; ...2.1501

A STUDY OF THE INITIAL EFFECTS OF THE SANTA BARBARA OIL SPILL ...Amphibious Plants; Biological Effects; Cirripedia; Contamination - Water; Marine Animals; Marine Environments; Petroleum -see Oil; Plant Habitat Studies; ...2.1502

TOXICITY OF POLLUTANTS TO STRIPED BASS ...Antimycin A; D, 2,4-; Dipterex; Effluents - Waste Water; Endrin; Industrial Wastes; Pesticides -see Pesticide; Physiological Effects; Pulp and Paper Wastes; Silver; Temperature (water); ...2.1566

THE EFFECT OF SALINITY ON THE OXIDATION OF HYDROCARBONS IN ESTUARINE ENVIRONMENTS ...Biodegradation-see Degradation; Cellular Physiology- Env. Eff.; Estuaries; Oil Removal; Salinity (water); Size; ...2.1611

EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON ...Algal Physiology; Bioassays; Cellular Physiology- Env. Eff.; Contamination - Water; Estuaries; Phytoplankton; Zooplankton; ...2.1703

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

BIODEGRADATION OF OIL IN SEAWATER FOR NAVAL POLLUTION CONTROL ...Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Marine Plants; Microorganisms -nonspecific; Oil; Petroleum -see Oil; ...3.0020

SINKING METHODS FOR REMOVAL OF OIL POLLUTION FROM WATER SURFACES ...Oil; Petroleum -see Oil; ...3.0030

DISPOSAL OF LIQUID INDUSTRIAL WASTE ...Burning; Connecticut; Dewatering; Metal Processing Wastes; Oil Removal; Sewer Systems; ...3.0094

IMPROVED CAPABILITIES OF BIOLOGICAL SYSTEMS TO ASSIMILATE OIL ...Activated; Degradation -see Pesticide Deg; Oil Removal; Petroleum Industry; Waste Water Treatment -general; ...3.0243

Plant Pollutants

GROWTH SUPPRESSION AND REDUCTION IN REGROWTH POTENTIAL OF AQUATIC WEEDS ...Acrolein; Najadaceae; Pesticide Application Rates; Potamogetonaceae; Submerged Plants; ...2.0071

FIELD INVESTIGATION OF THE SUBMERSED AQUATIC ENVIRONMENT ...Algae - Chlorophyta; Aquatic Ecology - Animal; Canals; Irrigation; Physical Water Properties; Soil Chemical Properties; ...2.0072

RELATIVE LEACHING RATES OF COMMON NITROGEN CARRIERS FROM SANDY SOILS ...Biological Effects; Eutrophic Lakes; Florida; Nutrients; Sandy Soils -see Soil Type; ...2.0109

AGRICULTURAL CONTRIBUTIONS TO NUTRIENTS IN WATER ...Agricultural Runoff; Algal Pollutant Sources; Erosion; Fertilizers; Mineralogical Water Properties; Rainfall Simulators; Soil Fertility; Soil Organic Content; Triticum; ...2.0269

EUTROPHICATION - BIOLOGICAL CONTROL USING GRAZERS ...Algae -nonspecific; Biological Control; Cultural Control; Eutrophication; Literature Search; Water Quality Control -general; ...2.0333

GEOCHEMISTRY OF WATERS OF THE HOG CREEK BASIN - HAMILTON, CORYELL, AND BOSQUE COUNTIES, TEXAS ...Agricultural Runoff; Animal Pollutant Sources; Chemical Water Properties; Geology -general; Soil Fertility; Texas; ...2.0826

TISSUE ANALYSIS FOR NUTRIENT ASSAY OF NATURAL WATERS ...Aquatic Plants -nonspecific; Mineralogical Water Properties; Plants - Monocotyledons; Wisconsin; ...2.0859

IMPROVING THE QUALITY OF OUR WATER RESOURCES ...Adsorption; Filtration; Pesticides -see Pesticide; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1015

IMPROVING SURFACE WATER CONDITIONS THROUGH CONTROL AND DISPOSAL OF AQUATIC VEGETATION ...Economic Efficiency; Eutrophication; Pest Control Measures; Water Quality Control -general; Wisconsin; ...2.1135

THE ECOLOGY OF SELECTED SUBMERSED AQUATIC WEEDS ...Algal Pollutant Sources; Aquatic Soils; Growth; Haloragaceae; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Photoperiodism; Plant Tissue Analysis -chem.; Temperature (water); ...4.0053

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Aeration (water); Degradation; Formulations -nonspecific; Herbicides -nonspecific; Metabolites From Pesticides; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; ...4.0518

Radioactive Fallout

ATMOSPHERIC RADIOCHEMISTRY ...Air Pollution Sampling; Atmospheric Dynamics; Circulation - Patterns; Fission Products-see Radioact.; Iodine; Nuclear Detonations; Radiotracers -see Tracers; Snow; Troposphere; ...1.0002

METEOROLOGY FOR RADIOACTIVITY ...Air Pollution Sampling; Carbon; Contamination - Water; Fallout -see Radioactive; Model Studies; Physical Models; Radioactive Fallout-cf Fallout; Radioactive Isotopes; Seismology; Strontium; ...1.0025

FALLOUT PHENOMENOLOGY ...Atmospheric Dynamics; Fallout -see Radioactive; Heat Balance - Budget; Mesometeorology; Nuclear Detonations, Tracers; Wind; ...1.0158

RADIONUCLIDE METABOLISM IN AQUATIC ANIMALS ...Animal Habitat Studies; Clams; Crayfish; Invertebrate Physiology; Marine Animals; Radiation Effects - Biological; Radioisotopes -nonspecific; Temperature (water); ...2.0036

AN ASSESSMENT OF RADIOACTIVE FALLOUT ...Canada, Lake Deposits; Lakes; Sedimentation; ...2.0054

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

SILTATION RATES AND LIFE EXPECTANCIES OF SMALL HEADWATER RESERVOIRS IN MONTANA ...Chemical Water Properties; Geology -general; Morphology; Reservoirs and Impoundments; ...2.0235

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; Zinc; ...2.0281

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Estuaries; Fish; Iron; Marine Animals; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; Zinc; ...2.0283

IN-CLOUD SCAVENGING ...Adsorption Capacity; Atmospheric Dynamics; Cloud Motions - Movement; Model Studies; Tracers; Wind; ...2.0417

A DETAILED STUDY OF THE ENERGY FLOW THROUGH THE BIOTA OF DOE RUN, MEADE COUNTY, KENTUCKY ...Absorption (incl. Adsorption); Aquatic Ecology - Animal; Cesium; Contamination - Water; Cyprinidae; Energy Budgets; Plant Ecology -nonspecific; Reactor Sites & Rad Waste; Strontium; ...5.0038

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - III. TREATMENT OF SOILS CONTAMINATED WITH RADIOACTIVE STRONTIUM ...Leaching; Precipitation; Radioisotopes; ...5.0042

MEASUREMENT OF RADIONUCLIDES IN ESTUARINE AND MARINE ENVIRONMENTS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Animal Productivity; Burial; Cooperative Studies; Ecological Effects; Estuaries; Marine Biology - General; Marine Environments; Water Pollution Sources; ...5.0059

ENVIRONMENTAL EFFECTS ON THE CONTENT OF CS137 IN MILK ...Air Pollution -see Specifics; Deposition-general; Food Contamination; Lakes; Reservoirs and Impoundments; Strontium; ...5.0081

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man, Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

CHARACTERIZATION OF SOIL & VEGETATION TO SERVE AS A BASIS FOR FUTURE EVALUATIONS OF RADIOACTIVE CONTAMINATION EFFECTS (ABBREV) ...Absorption (incl. Adsorption); Chemical Extraction; Diquat; Paraquat; Soil Water Plant Relationships; Water Pollutants - Path of; ...5.0570

Radioactivity-underground Test

VELOCITIES OF RADIONUCLIDES AT ARMARGOSA SITE ...Aquifers ; Carbonates; Chemical Effects; Forecasting - Prediction; Groundwater Movement; Mass Transfer; Nuclear; Petrology; Seismology; Water Pollutants - Path of; ...2.0062

HYDROLOGIC STUDIES LEADING TO SITE UTILIZATION ...Adsorption Capacity; Management (water); Sediment Transport; Soil Tillage; Water Utilization -general; ...2.0075

Saline Water Intrusion

DEVELOPMENT OF A HYDROLOGICAL CONCEPT FOR THE GREATER MOBILE METROPOLITAN-URBAN ENVIRONMENT ...Alabama; Groundwater; Management (water); Water Resources Development; ...2.0003

RIVER MURRAY SALINITY (SPECIAL PROGRAMME) ...Australia; Data Acquisition; Flow Characteristics (water); Salinity (water); Water Quality Control -general; ...2.0025

VENTURA CALIFORNIA COOP ...Aquifers; Fresh Water; Groundwater Basins; Mapping; Marine Geology; Ocean Profiles; Salinity; Seismology; Tectonic History - Mountains; ...2.0038

GEOCHEMISTRY-MINERALOGY OF THE MACKENZIE RIVER ...Adsorption Capacity; Chemical Water Properties; Geochemical Analysis (water); Polar Oceanic Areas; Suspension; ...2.0056

AN ANOMALOUS OCCURRENCE OF SALINE WATER IN THE FLORIDAN AQUIFER ...Aquifers; Borehole Geophysics; Florida; Gamma Radiation; Geophysical Analysis; Water Wells; ...2.0106

SALINE WATER POLLUTION OF POTABLE WATER SUPPLIES THROUGH DEEP ARTESIAN WELLS ...Aquifers; Environmental Changes; Groundwater; Mans Pollutional Activities; Water Wells; ...2.0107

SALINE WATER RESOURCES OF INDIANA ...Cooperative Studies; Groundwater; Indiana; Recovery - Production; Water Pollutants - Path of; ...2.0138

EVALUATION OF THE MAGOTHY AQUIFER - ANNAPOLIS AREA, MARYLAND ...Aquifers; Drilling and Coring; Management (water); Model Studies; Size; Water Resources Development; ...2.0169

SALT POLLUTION OF GROUNDWATER ...Artificial Recharge; Fluid Mechanics; Fresh Water; Groundwater Movement; Management (water); ...2.0225

PERMIAN BASIN - ORIGIN OF SALINE WATER DISCHARGE ...Baseflow; Fresh Water; Groundwater Basins; Permian Period; Seepage (water); Tectonics; Water Pollution Sources; ...2.0376

UNSTEADY FLOW OF GROUNDWATER--DISPERSION AND SALT WATER INTRUSION IN NON-HOMOGENEOUS MEDIA ...Aquifers; Dispersion (water); Fluid Mechanics; Physical Models; Recharge (water); Recharge Pits - Wells (water); Water Wells; ...2.0450

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Estuaries; Geology -general, River Basins; Soil Tillage; Water Depth, Water Levels; Water Table; Wind; ...2.0558

SALT-WATER ENCROACHMENT IN THE BRUNSWICK AREA, GEORGIA ...Aquifers; Brackish Water; Chlorine; Georgia; Water Quality Control -general; Water Table; Water Wells; ...2.0890

EVALUATION OF PUMPING EFFECTS IN MALAGA BEND AREA, NEW MEXICO ...Aquifers; Brines; Desalination; New Mexico; Seepage (water); Water Table; ...2.0920

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Specific Rock Unit; Water Conservation -general; Water Reuse; ...2.0922

THREE DIMENSIONAL DISPERSION FROM POINT SOURCES OF CHEMICAL OR THERMAL POLLUTION IN OPEN CHANNELS ...Channels; Lasers - Masers; Mathematical Models; Radiation Detectors; Scattering; Thermal Pollution; Water Pollutant Identification; ...2.0990

MINING-POLLUTION CONTROL TECHNOLOGY - OIL PRODUCTION GROUND-WATER RECLAMATION BY SELECTIVE PUMPING ...Brines; Groundwater Basins; Petroleum Industry; Petroleum Research; Recovery - Production; Waste Material Recovery; ...2.1082

RELATION OF PASS OPENINGS ON PHYSICAL EXCHANGE AND SALINITY IN ESTUARIES ...Estuaries; Salinity (water); Shoreline Structures; Texas; Water Resources Planning; ...2.1106

UNSTEADY FLOW AND SALINE INTRUSION IN ESTUARIES ...Channels; Development of Models; Digital Computer Applications; Estuaries; Fluid Mechanics; Mathematical Models; Model Studies; ...2.1116

DISPERSION AND SALT WATER INTRUSION IN NON-HOMOGENEOUS POROUS MEDIA ...Aquifers; Engineering Mechanics; Fluid Mechanics; ...2.1137

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains Optimization, Economic; Regional Economics; Social Aspects Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

UTILIZATION OF FLORIDA PHOSPHATE SLIMES ...Acid Mine Wastes; Ceramics; Fresh Water; Phosphorus and Phosphorus Cpds; Sediments; Waste Material Recovery; Water Reuse; ...3.0128

Sanitary Landfills

WATER POLLUTION FROM SANITARY LANDFILLS ...Groundwater; Landfills -see Water Pollution; Massachusetts; New Hampshire; Solid Waste; Waste Disposal on Soils; ...2.0181

EVALUATION OF SUBSURFACE MOVEMENT OF LEACHATES PRODUCED FROM SANITARY LANDFILLS ...Environmental Geology; Groundwater; Groundwater Movement; Leaching; Mathematical Models; Missouri; Water Quality - general; ...2.0228

SANITARY LANDFILLS IN COAL STRIP MINES ...Coal; Groundwater; Leaching; Water Pollutants - Path of; Water Quality Control -general; ...2.0341

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL ...Computer Methods -general; Contamination; Development of Models; Forecasting - Prediction; Land Use; Mathematical Models; Model Studies; Waste Disposal on Soils; Water Quality Control -general; ...2.0343

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination; Eastern U. S.; Landfill; Leaching; Pennsylvania; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

THE TREATABILITY OF LEACHATE FROM SANITARY LANDFILLS ...Activated Sludge; Environmental Hazards; Groundwater; Landfill; Precipitation; Sanitary Sewage Quantity; Sewage Lagoons; Trickling Filters; ...2.0442

GROUND WATER POLLUTION FROM SANITARY LANDFILLS AND REFUSE DUMP GROUNDS - A CRITICAL LITURATURE REVIEW ...Groundwater; Literature Search; Wisconsin; ...2.0456

APPLICATION OF REMOTE SENSING TO HYDROGEOLOGY ...Baseflow; Geology -general; Groundwater Movement; Soil Tillage; Water Resources Planning; ...2.0866

HYDROGEOLOGY OF SOLID WASTE DISPOSAL SITES ...Chemical Analysis (water); Contamination; Groundwater Movement; Landfill; Waste Disposal on Soils; ...2.1007

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Aquifers; Cultural Control; Eutrophication; Landfill; Nutrients; Waste Disposal-see Solid Waste; ...2.1047

SHALLOW GROUND-WATER FLOW SYSTEMS IN RELATION TO INDUSTRIAL AND MUNICIPAL WATER SUPPLY AND WASTE DISPOSAL REQUIREMENTS ...Canning Wastes -see Food Proc.; Farm Animal Wastes; Groundwater Movement; Pond; Pulp and Paper Wastes; Soil Tillage; Urban Research -general; ...2.1138

PREVENTING LANDFILL LEACHATE CONTAMINATION OF WATER ...Leaching; Linings - Pavings; Rain Amount; Sealants - see Coatings; Temperature; Water Table; ...2.1282

ENVIPONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT ...Aquifers; Erosion; Landfills - see Water Pollution; Recharge (water); Septic Tanks; Surficial Geology Studies; Vermont; Water Table; ...2.1437

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sewage Bacteria; Water Bacteria; ...2.1776

WATER LAW OF SOUTHEASTERN ESTUARIES ...Alabama; Estuaries; Florida; Legal Studies; Mississippi; Recreation, Water Resources; South Carolina; State Government; Water Pollution Sources; ...2.1815

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Industrial Wastes; Irrigation; Legal Studies; State Government; Water Quality -general; Water Rights; Water Utilization -domestic; ...2.1862

NATIONAL CONFERENCE ON SOLID WASTES DISPOSAL SITES ...Disposal; Federal Government -see Gov.; Government - see Federal Gov.; Management (water); Urban Environment; Waste Disposal-see Solid Waste; ...3.0120

Sediments

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Range Management; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Elevation Levels, Altitude; Erosion; Forest Watersheds; Mineralogical Water Properties; Oligotrophic Lakes; Optical Properties of Water; Recreation, Water Resources; Temperature Or Heat Budgets; Turbidity (water); ...2.0032

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHERN CALIFORNIA ...Bed Load; Channels; Gully Or Channel Erosion; Sediment Yield; Stream Banks, Streams; ...2.0037

WATERSHED INVESTIGATION, GRASS VALLEY CREEK ...California; Ecological Effects; Sedimentation; Spawn Or Nesting Sites; Water Pollution Sources; Watersheds; ...2.0047

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Erosion; Rate of Deposition; Sediment Transport; Sedimentation; Streams; Survey Studies (water); ...2.0061

SMALL IMPOUNDMENTS - FOSS RESERVOIR ...Management (water); Mineralogical Water Properties; Reservoirs and Impoundments; Turbidity (water); Water Quality -general; ...2.0073

PHOSPHORUS IN LAKE SEDIMENTS ...Adsorption; Aluminum; Chemical Properties; Eutrophic Lakes; Ion Exchange; Lakes; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; ...2.0086

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; Water Quality -general; ...2.0098

FATE OF TRACE METALS DERIVED FROM POLLUTION SOURCES IN LAKE MICHIGAN ...Adsorption; Chemical Properties; Lake Deposits; Lead; Trace Elements; ...2.0131

THE FACTOR CONTROLLING THE DYNAMICS OF NON-IONIC SYNTHETIC ORGANIC CHEMICALS IN AQUATIC ENVIRONMENTS ...Adsorption; Aquatic Soils; Lakes; Pesticide Aquatic Cycling; Primary Productivity - Plants; Soil Chemical Properties; Water Chemistry; ...2.0140

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Distribution; Erosion; Iowa; Location; Methods; Sediment Yield; Soil Chemical Properties; ...2.0145

WATER EROSION MECHANICS AND CONTROL--DEEP LOESS HILLS AND TILL PRAIRIES ...Agricultural Runoff; Erosion; Formation Principles; Infiltration; Pesticides -see Pesticide; Rain; Sediment Yield; Soil Aggregation -fungi -algae; Soil Chemical Properties; Soil Types -also See Specifics; Tillage, Cropping Systems; ...2.0147

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

THE COLIFORM BACTERIA, PLANKTON, & RELATED PHYSICO-CHEMICAL FACTORS IN LAKE PONTCHARTRAIN AT NEW ORLEANS, LA ...Acidity (water); Bottom Sampling; Louisiana; Nitrogen and Nitrogen Cpds.; Physical Water Properties; Water; ...2.0164

AREAL DISTRIBUTION AND PROVENANCE OF SEDIMENTS IN ST. GEORGE RIVER, KNOX COUNTY, MAINE ...Core Analysis; Drilling and Coring; Estuaries; Maine; Mineral Analysis; Sediment Provenance Studies; Size; ...2.0168

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; Wisconsin; ...2.0189

MEASUREMENT OF PRESENT SEDIMENT LOAD, AND EXPERIMENTAL ADDITION OF SEDIMENT IN TEST SECTION OF HUNT CREEK ...Bed Load; Methods; Michigan; Sediment Yield; ...2.0202

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Water Depth; Water Levels; ...2.0205

RESERVOIR SEDIMENTATION ...Aquatic Soils; Chemical Properties; Model Studies; Physical Properties; Reservoirs and Impoundments; Sedimentation; Soil Chemical Properties; Spillways; ...2.0213

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Location; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use; Modification Effects; Pilot Plants; Population Dynamics -general; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

MORPHOLOGY AND STABILITY OF STREAM CHANNELS IN SOUTHWESTERN SEMIARID RANGELANDS ...Bed Load; Conservation -see Soil Conser.; Erosion; Gully Or Channel Erosion; New Mexico; Sediment Yield; Semi - Arid Regions; Streams; ...2.0255

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Soil Moisture; Water Pollutants - Path of; ...2.0307

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply -general; ...2.0322

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences, Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Turbidity (water); Washington; Water Depth, Water Levels; ...2.0332

THE MOVEMENT OF RADIONUCLIDES IN THE COLUMBIA RIVER ESTUARY ...Absorbed Load; Chemical Water Properties; Estuaries; Washington; Water Pollution Sources; ...2.0339

DELAWARE ESTUARY SEDIMENTATION STUDY ...Adsorption Capacity; Estuaries; Location; Rate of Deposition; Sand Bars; Sediment Yield; Shoreline Geomorphology; Streams; Supply Rate; ...2.0342

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Soil Cover Crops; Spoil Banks, Strip Mines; Water Quality -general; ...2.0351

A STUDY TO EVALUATE THE EFFECT OF SILT AND SILT REMOVAL IN A NORTHERN PRAIRIE LAKE ...Aquatic Soils; Eutrophication; Mineralogical Water Properties; Nutrients; Silting (water) -see Sediment; Water Pollution Sources; ...2.0364

EFFECT OF DREDGING ON THE NUTRIENT LEVELS AND BIOLOGICAL POPULATIONS OF A LAKE ...Acidity (water); Biological Water Properties; Lakes; Nutrients; Phytoplankton; Silting (water) -see Sediment; Turbidity (water); ...2.0365

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Agricultural Runoff; Farm Pond; Great Plains Province; Precipitation; Precipitation Gages; Sediment Yield; Soil Texture; Survey Studies (water); ...2.0366

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Agricultural Runoff; Climates -general; Conservation -see Soil Conser.; Land Use; Sediment Yield; Small Watersheds; Soil Cover Crops; Thunderstorms; ...2.0387

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Agricultural Watersheds; Deposition-general; Flood Control; Flood Routing; Forecasting - Prediction; Land Use; Mathematical Models; Rain Amount; Sediment Yield; Texas; ...2.0388

RADIOECOLOGY OF THE KUCUK CEKMECE LAGOON ...Aquatic Ecology - Animal; Biological Effects; Contamination - Water; Energy Conversion; Lagoons; Radioactive Isotopes; Water Pollutants - Path of; ...2.0392

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties; Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of; Water Pollution Sources; Water Quality -general; ...2.0400

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ...Agricultural Watersheds; Deposition-general; Hydraulics; New England Province; Physical Properties; Snowmelt; Suspension; ...2.0406

ACID MINE POLLUTION ...Acid Mine Drainage; Biological Water Properties; Catostomidae; Mining Industry; Physical Water Properties; Rehabilitation -streams -lakes; Strip Mines; Water Pollution Abatement; ...2.0409

COLUMBIA RIVER SEDIMENT STUDIES ...Adsorption Capacity; Estuaries; Nuclear Geochemistry; Water Pollution Sources; ...2.0416

GEOCHEMICAL BEHAVIOR OF IRON AND MANGANESE IN A RESERVOIR (LAKE LYNN, WEST VIRGINIA) FED BY STREAMS CONTAINING ACID MINE DRAINAGE ...Acid Mine Wastes; Analysis and Detection; Geochemical Analysis (water); Precipitation; Stratification (water); West Virginia; ...2.0431

EVALUATION OF WETLAND IMPOUNDMENTS ON STATE-OWNED WILDLIFE AREAS ...Amphibious Plants; Demand and Use -recreation; Management (water); Recreation, Water Resources; Submerged Plants; Water Depth, Water Levels; Wetlands; Wildlife -nonspecific; ...2.0435

MERCURY TRANSFORMATIONS IN RIVER BOTTOM SEDIMENTS ...Aquatic Soils; Cellular Catabolism-see Degrad; Mercury; Microorganisms -nonspecific; Stream Deposits; Wisconsin; ...2.0438

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Animal Productivity; Aquatic Plants -nonspecific; Glaciology, Mineralogical Water Properties; Nutrients; Plant Productivity -general; Sub - Polar Regions; Wild Rivers; ...2.0472

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Contamination - Water; Fish; Illinois; Invertebrates -nonspecific; Organic Matter; Pollution Effects -see Water; ...2.0576

A PRELIMINARY INVESTIGATION OF THE ROLE OF SEDIMENTS IN EUTROPHICATION ...Chemical Water Properties; Isotope Tracer -see Tracers; Mechanism Determination; Phosphorus and Phosphorus Cpds; ...2.0578

PARTITION COEFFICIENTS FOR FE, MN, CO, NI, ZN, CU, BETWEEN RIVER WATER AND SUSPENDED LOAD ...Dissolved Load; Mineral Analysis; Trace Element Analysis; Water Standards & Baselines; ...2.0590

SEDIMENTOLOGY OF LOUISIANA'S ESTUARIES ...Aquatic Soils; Chemical Properties; Drilling and Coring; Louisiana; Nitrogen and Nitrogen Cpds.; Sedimentation; Size; ...2.0604

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONTSWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

TO DETERMINE THE PROPERTIES OF THE SUSPENDED SEDIMENT POPULATION OF CHESAPEAKE BAY ...Chesapeake Bay; Mineralogical Properties; Organic Properties; Physical Properties; Size; Structural Source; Suspension; ...2.0610

REMOTE SENSING ...Bays; Lake Michigan; Mapping; Maps - general; Remote Sensing; River Plume; Thermal Pollution; ...2.0631

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Channels; Drainage; Eutrophication; Fish; Pesticide Residues; Pesticides -see Pesticide; Reservoirs and Impoundments; Turbidity (water); ...2.0653

SOURCES OF SEDIMENT IN A MOUNTAIN RIVER BASIN ...Mineralogy - Petrology; River Basins; Suspension; Tracers; ...2.0661

DISTRIBUTION OF AUTOTROPHIC NITRIFYING BACTERIA IN A POLLUTED STREAM ...Acidity (water); Aquatic Soils; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; New Jersey; Plant Distribution; Temperature (water); ...2.0674

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

TIDAL DISCHARGE RESEARCH, NEW JERSEY ...Data Acquisition; Estuaries; New Jersey; Suspension; Water Quality -general; ...2.0682

FINITE ELEMENT APPROACH TO THE POLLUTION ANALYSIS OF LAKES ...Computer Models; Hydraulics; Lakes; Thermal Pollution; ...2.0689

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties - general; Water Standards & Baselines; ...2.0701

INFLUENCE OF SUSPENDED MICROSCOPIC SUBSTANCES ON THE METABOLISM OF MICROORGANISMS RESPONSIBLE FOR BIOLOGICAL ENRICHMENT OF WATER ...Adsorption Capacity; Ecological Effects; Microorganisms -nonspecific; Pesticides -nonspecific; Water Pollutants - Path of; ...2.0723

THE ECOLOGIC IMPACT OF THE INTERACTIONS AMONG MICROORGANISMS AND AQUATIC CONTAMINANTS IN LAKE ERIE ...Algae -nonspecific; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Chemical Water Properties; Contamination - Water; Environmental Influences; Physical Water Properties; Water Pollutants - Path of; ...2.0724

DETERMINATION OF TRACE METAL POLLUTANTS IN WATER RESOURCES AND STREAM SEDIMENTS ...Analysis and Detection; Chemical Properties; Trace Elements; Water Pollutant Identification; Water Pollution Sources; X-ray Spectroscopy; ...2.0727

EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Forecasting - Prediction; Forest Debris; Lumbering -general; Roads & Highways -see Highways; Solar Radiation -sunshine; ...2.0746

PREDICTION OF WATER QUALITY CHANGE IN A STREAM DUE TO HIGHWAY CONSTRUCTION ON THE DRAINAGE BASIN ...Construction Sites; Forecasting - Prediction; Highway Sites -see Roads; Precipitation; Soil Moisture; Water Quality - general; ...2.0754

ROLE OF NEMATODES AND RELATED MEIOFAUNA AFFECTING FRESH WATER QUALITY IN RHODE ISLAND ...Animal Predation, Aquatic Ecology - Animal; Bottom Sampling, Chlorine; Core Analysis; Industrial Wastes; Nematoda; Population Dynamics -general; Rural Areas; Size; ...2.0776

CORRELATED STUDIES OF VANCOUVER LAKE--WATER QUALITY PREDICTION STUDY ...Columbia River; Dredging; Lakes; Model Studies; Organic Matter; Water Quality Control - general; ...2.0840

TOXIC ELEMENT CONTAMINATION OF WATERS AND RELATED ENVIRONMENT ...Absorption (incl Adsorption); Arsenic; Chemical Properties; Contamination - Soil; Industrial Wastes; Particulates - Air Pollution; Precipitation; Soil Chemical Properties; Water Pollutants - Path of; ...2.0862

INFLUENCE OF SEDIMENTATION UPON THE PRODUCTION OF GAME FISHES ...Animal Productivity; Ecological Effects; Fish Food Organisms; Pollution Effects -see Water; Sediment Yield; Turbidity (water); ...2.0881

EFFECTS OF INTERACTIONS OF CHEMICALS FOR WATER TREATMENT ...Bacterial Pollutant Sources; Chemical Water Properties; Chlorine; Organic Water Properties; Potable Water; Turbidity (water); ...2.0908

ELECTROPHORETIC CLARIFICATION OF WATER ...Adsorption; Colloidal Phenomena; Filtration; Pesticide Residues Removal; Pesticides -see Pesticide; Size; Waste Water Treatment - general; Water Pollutant Identification; ...2.0948

THE EFFECTS OF SUSPENDED SILTS AND CLAYS ON SELF-PURIFICATION IN NATURAL WATERS ...Adsorption Capacity; Cellular Catabolism-see Degrad; Size; Suspension; Water Pollution Effects; ...2.0960

WATER QUALITY CONTROL BY SELECTIVE WITHDRAWAL AND REAERATION ...Aeration (water); Mathematical Models; Reservoirs and Impoundments; Seismology; Turbidity (water); Water Quality -general; ...2.0979

SEDIMENTATION AND CONTAMINANT CRITERIA FOR WATER RESOURCES PLANNING AND MANAGEMENT ...Dispersion (water); Management (water); Sedimentation; Water Pollutants - Path of; Water Standards & Baselines; ...2.0984

REMOVAL OF SUSPENDED MATTER AND TURBIDITY FROM WATER BY FLOCCULATION ...Colloidal Phenomena; Electrochemistry; Floods; Israel; Salinity (water); Suspension; Water Chemistry; ...2.1022

WATER CLARIFICATION FOR GROUND WATER RECHARGE ...Bacterial Pollutant Sources; Coliforms -nonspecific; Filtration; Foreign Agriculture; Hydrolysis, Esterification; Pilot Plants; Recharge (water); Turbidity (water); ...2.1023

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Irrigation Engineering; Recharge Pits - Wells (water); Soil Profile; ...2.1026

LAKE ERIE DIKE ...Dams -general; Harbors; Iron and Steel Industry; Model Studies; Physical Models; Waste Type; Waves -see Ocean Waves; ...2.1051

CHANNELIZATION STUDIES ...Channel Geometry; Fluid Mechanics; Reservoirs and Impoundments; Sedimentation; Water Resources Protection; ...2.1062

EVALUATION OF LOW-FLOW AUGMENTATION ON THE CHEMISTRY AND BIOLOGY OF THE BUFFALO RIVER, BUFFALO, NEW YORK ...Biological Water Properties; Chemical Analysis (water); Chemical Water Properties; Industrial Wastes; New York; Sewage; Water Supply -augmentation; ...2.1064

WATER MEASUREMENT AND APPLICATION DEVICES ...Irrigation; Irrigation Engineering; Model Studies; Physical Models; Water Application Methods; Water Transfer; ...2.1113

THE MECHANICS OF SEDIMENT REMOVAL FROM ALLUVIAL STREAMS ...Design Criteria; Fluid Mechanics; Flume Studies, Mathematical Models; Sedimentation; Water Control Works -general; ...2.1280

FLOCCULATION AND CLARIFICATION OF MINERAL SUSPENSIONS ...Electrochemistry; Flocculation; Iron; Minnesota; Streaming Potential; ...2.1311

DEVELOPMENT OF SYSTEMS FOR GROUND WATER RECHARGE INTO THE OGALLALA FORMATION ...Agricultural Runoff; Filtration; Playas; Ponds; Specific Rock Unit; Texas; ...2.1410

RELATIONSHIPS BETWEEN LOGGING ACTIVITIES AND SALMON PRODUCTION ...Aquatic Ecology - Animal; Circulation (water); Environmental Ecology; Spawn Or Nesting Sites; ...2.1478

TURBIDITY EFFECTS ON MARINE ANIMALS RESULTING FROM MARINE MINING ...Aquaria; Industrial Wastes; Mining Industry; Physiological Effects; Salinity (water); Temperature; Turbidity; Water Pollution Effects; ...2.1487

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Core Analysis; Fish and Shellfish; Lumbering -general; Pulp and Paper Wastes; Sedimentation; Temperature (water); Water Pollution Effects; ...2.1496

EFFECTS OF ALTERNATE BLOCK CUTTING ON STREAMBED SEDIMENTATION & WATER TEMPERATURES IN BUMMER LAKE CREEK, DEL NORTE COUNTY, CALIFORNIA ...Animal Habitat Studies; California; Fish and Shellfish; Forest Watersheds; Lumbering -general; Salmonidae; Temperature (water); ...2.1497

STANDARDS AND CRITERIA - EFFECT OF TURBIDITY ...Chemical Properties; Soil Tillage; Turbidity (water); Water Utilization -general; ...2.1510

INVESTIGATION OF THE EFFECTS OF COMMERCIAL HYDRAULIC CLAM DREDGING ON VARIOUS BOTTOM HABITATS OF SELECTED ESTUARINE AREAS ...Animal Habitat Studies; Benthic Organisms -nonspecific; Clams; Environmental Ecology; Mans Pollutional Activities; ...2.1533

EFFECTS OF SILTATION AND COARSER SEDIMENTS ON DISTRIBUTION AND ABUNDANCE OF STREAM-INHABITING INSECTS ...Aquatic Ecology - Animal; Deposition-general; Environment Resistance-animals; Silting (water) -see Sediment; Size; Turbidity (water); Vertical Distribution; ...2.1542

THE EFFECT OF INORGANIC SEDIMENT ON STREAM BIOTA ...Animal Productivity; Contamination - Water; Invertebrates - nonspecific; Pollution Effects -see Water; ...2.1554

DETERMINE EFFECTS OF RESERVOIRS ALONG SUSQUEHANNA RIVER ON SEDIMENT BEING DISCHARGED INTO CHESAPEAKE BAY AT HAVRE DE GRACE, MD ...Chesapeake Bay; Maryland; Mineralogical Properties; Reservoirs and Impoundments; Sediment Yield; Size; Susquehanna River; ...2.1571

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation; Water Resources; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

ECOLOGY OF PESTICIDES IN AN AQUATIC ECOSYSTEM ...Algae -nonspecific; Aquatic Ecology - Animal; Cellular Catabolism-see Degrad; DDE; Degradation -see Pesticide Deg; Farm Pond; Fish; Invertebrates -nonspecific; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticides -see Pesticide; TDE; ...2.1590

WATER AND SEDIMENT, SUPPLY AND ACCUMULATION IN THE ESTUARY, ST. LOUIS BAY, MISSISSIPPI ...Bays; Estuaries, Marine Biology - General; Mississippi; Recreation, Water Resources; River Basins; Sediment Yield; ...2.1608

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Aquatic Ecology - Animal; Atomic Absorption; Geochemical Analysis (water); Lead; Precipitation; Water Pollution Effects; Water Purification; Zinc; ...2.1626

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF JONES BAY ...Animal Habitat Studies; Bays; Construction Industry; Physical Water Properties; Texas; ...2.1726

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF MOSES LAKE ...Animal Habitat Studies; Censusing; Data Reduction and Analysis; Lakes; Pre-impoundment Sites; Texas; ...2.1727

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Catostomidae; Effluents - Waste Water; Manganese; Mining Industry; Pollution Effects -see Water; Toxic Minerals; Water Purification; ...2.1746

ECONOMIC EVALUATION OF THE EFFECT OF SELECTED CROP PRACTICES ON NON-AGRICULTURAL USES OF WATER ...Agricultural Studies -general; Costs -see Economics Entries; Mathematical Models; Optimization, Economic; Water Costs; Water Quality -general; ...2.1828

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTH MISSISSIPPI ...Benefit-cost Analysis; Economic Impact; Erosion; Land Use; Mississippi; Water Resources Planning; Watersheds; ...2.1861

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries; General Recreation Studies; Long Island Sound; Mollusca; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Resources Planning; ...2.1880

THE ROLE OF SOIL IN FARM WASTE MANAGEMENT ...Agricultural Runoff; Farm Pond; Soil Chemical Properties; Soil Organic Content; ...3.0001

UTILIZATION OF FLORIDA PHOSPHATE SLIMES ...Acid Mine Wastes; Ceramics; Fresh Water; Phosphorus and Phosphorus Cpds; Waste Material Recovery; Water Reuse; ...3.0128

EFFLUENT INFLUENCES OF THE MISSISSIPPI RIVER ON THE CHEMISTRY AND BIOLOGY OF ADJACENT OCEAN SYSTEMS ...Chemical Analysis (water); Chlorinated Hydrocarbons; Effluents - Waste Water; Marine Pollution; Pesticides -see Pesticide; ...4.0022

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

PESTICIDE MONITORING PROGRAM LAKE MICHIGAN ...Algae -nonspecific; Environment Accumulation Rates; Fish; Lakes; Pesticide in Food Chains; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0028

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT; Northeast U. S.; Pesticide Residues; Preventative Measures; Water Pollutant Identification; Water Quality Control -general; Water Wells; ...4.0037

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

PESTICIDES AND MICROBIAL ECOLOGY OF LAKE CHAMPLAIN ...Aquatic Distribution; Bacterial Ecology; Degradation - see Pesticide Deg; Lake Champlain; Nutrients; Pesticide Toxicity to Microorg; Pesticides -see Pesticide; Water Bacteria; ...4.0072

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Profile; Thiodan; Vegetables; ...4.0116

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Aeration (water); Degradation, Formulations -nonspecific; Herbicides -nonspecific; Metabolites From Pesticides; Pesticide Aquatic Cycling; Pesticides -see Pesticide; ...4.0518

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Animal Wastes - Feed Lots; Economic Efficiency; Environment; Erosion; Livestock - nonspecific; Optimization, Economic; Pesticides -nonspecific; Welfare Economics; ...4.1013

Sewage

MECHANISMS OF BIOLOGICAL LUXURY PHOSPHATE UPTAKE ...Activated Sludge; Bacterial Population Surveys; Column Chromatography; Electrophoresis; Isotope Tracer -see Tracers; Phosphorus; Sewage Bacteria; ...2.0020

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure - other; Water Reuse; ...2.0031

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Baseflow; Forecasting - Prediction; Model Studies; Reservoirs and Impoundments; Rural Areas; Soil Chemical Properties; Waste Disposal on Soils; Water Table; ...2.0046

THE ROLE OF SLUDGE WORMS IN PROMOTING EUTROPHICATION ...Animal Productivity; Bays; Eutrophication; Invertebrate Physiology; Lakes; Water Bacteria; ...2.0057

RELATIVE POLLUTION STRENGTHS OF UNDILUTED WASTE MATERIALS DISCHARGED IN HOUSEHOLDS AND THE DILUTION WATER USED FOR EACH ...Public Utilities; Residential Buildings; Waste Dilution- Self Purifying; ...2.0090

NUTRIENT AND WATER INPUTS AND OUTGO FROM THE ORGANIC AND MINERAL SOILS IN THE LAKE APOPKA AREA ...Drainage; Effluents - Waste Water; Eutrophication; Florida; Groundwater; Leaching; Nutrients; Pesticides -see Pesticide; Soil Minerals -natural; Tillage; Cropping Systems; Water Pollutants - Path of; ...2.0099

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination; Water; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Pollution Effects -see Water; Primary Productivity; Public Water Quality - general; ...2.0119

FERTILIZATION EXPERIMENTS IN THE EASTERN MEDITERRANEAN COASTAL WATERS ...Animal Productivity; Carbon; Coastlines - Shorelines; Fish; Leaching; Marine Plants; Mediterranean Sea; Phytoplankton; Population Dynamics -general; Taxonomy -plant; ...2.0151

AN IN SITU EVALUATION OF NUTRIENT EFFECTS IN LAKES ...Chelation & Complexing; Ecological Effects; Lakes; Nitrogen and Nitrogen Cpds; ...2.0192

SOURCE, FATE AND EFFECT OF NUTRIENTS ADDED TO NORTH CAROLINA ESTUARIES ...Estuaries; Industrial Wastes; Nutrients; Water Pollutants - Path of; Water Pollution Sources; ...2.0290

PHOSPHATE MINING EFFLUENT IN ESTUARINE ECOLOGY ...Amphibious Plants; Contamination; Water; Ecological Effects; Estuaries; Mining Industry; Phosphorus and Phosphorus Cpds; Pollution Effects -see Water; Toxic Minerals; ...2.0292

THE EFFECTIVENESS OF WATERFOWL IN CARRYING PATHOGENIC MICRO-ORGANISMS ...Animal Migration; Pathology; Sewage Bacteria; Temporal Distribution; Waterfowl - nonspecific; ...2.0396

ACID MINE DRAINAGE MICROBIOLOGICAL STUDIES ...Acid Mine Wastes; Acidity (water); Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Contamination - Water; Environmental Factors; Heterotrophic Bacteria; Ionic Effect; Water Pollution Sources; ...2.0434

BACTERIAL SURVEY OF MARINE BOTTOM SILT ...Alabama; Bacterial Ecology; Bays; Coliforms -nonspecific; Marine Pollution; Size; Water Pollutant Identification; ...2.0464

CHEMICAL INDICATORS FOR FECAL POLLUTION ...Feces; Water Pollutant Identification; ...2.0465

A EUTROPHICATION MODEL OF THE WHITE RIVER BASIN ABOVE BEAVER RESERVOIR IN NORTHWEST ARKANSAS ...Arkansas; Effluents - Waste Water; Forecasting - Prediction; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Recreation; Water Resources; Sampling; Types of Resources; Urban Research -general; Water Pollution Sources; ...2.0479

THE DEGREE OF FECAL POLLUTION IN THE WATER OF REGIONS OF THE EASTERN DISTRICTS, BY A NEW COMBINED CHEMICAL-MICROBIOLOGICAL METHOD ...Canada; Coliforms -nonspecific; Industrial Wastes; Lead; Mercury; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0506

WATER QUALITY ASSESSMENT AND POLLUTION CONTROL ...Biological Water Properties; Data Networks; Groundwater; Irrigation; Physical Water Properties; Water Pollution Abatement; ...2.0510

A SYSTEM FOR GEOLOGIC EVALUATION OF POLLUTION POTENTIAL AT MOUNTAIN DWELLING SITES ...Data Reduction and Analysis; Groundwater; Percolation (water); Water Pollutant Identification; ...2.0521

STUDIES ON THE METHANOGENIC BACTERIA IN SLUDGE ...Bacterial Classification; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Methane Bacteria -nonspecific; Sewage Bacteria; ...2.0545

ENTERIC BACTERIAL DEGRADATION OF STREAM DETRITUS ...Bacterial Ecology; Cell Injury and Autolysis; Degradation -see Pesticide Deg; Mathematical Models; Nutrients; Rehabilitation -streams -lakes; Water Pollution -see Specifics; ...2.0552

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU ...Aquatic Distribution; Bacterial Ecology; Bays; Hawaii; Intestinal Bacteria; Nitrogen and Nitrogen Cpds.; Water Pollutant Identification; ...2.0563

MOLECULAR AND APPLIED ASPECTS OF MICROBIAL ENZYMOLOGY AND ECOLOGY ...Animal Wastes - Feed Lots; Bacterial Ecology; Bacterial Population Surveys; Cellular Biosynthesis; Food Contamination; Streptococcus Fecalis; ...2.0586

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Algae -nonspecific; Bioassays; Chemical Analysis (water); Eutrophication; Fertilizers -aquatic; Nutrients; Ponds; Water Pollutant Identification; ...2.0636

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Effluents - Waste Water; Lake Stages; Lower Plants; Nutrients; Phytoplankton; Plant Productivity -general; Tertiary Treatment; ...2.0641

A STUDY OF COLIFORM BACTERIA AND ESCHERICHIA COLI ON POLLUTED AND UNPOLLUTED OYSTER BOTTOMS OF MISSISSIPPI ...Aquatic Distribution; Bacterial Pollutant Sources; Contamination - Water; Escherichia Sp; Gulf of Mexico; Mississippi; Ostreidae (oyster); Pollution Effects -see Water; ...2.0652

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; Land Use; New York; Plants - Dicotyledons; Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Habitat Studies; Boat Discharges; Forecasting - Prediction; Mathematical Models; New York; Swamps - Marshes; Water Bacteria; Waterfowl -nonspecific; ...2.0693

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Trace Element Analysis; Water Properties -general; Water Standards & Baselines; ...2.0701

WATERBORNE DISEASE ETIOLOGY ...Animal Pollutant Sources; Czechoslovakia; Florida; Food Contamination; Protozoa; Virginia; Water Wells; ...2.0715

THE ALGAE AND ZOOPLANKTON OF PROTECTED AND EXPLOITED LENTIC HABITATS IN NORTHEASTERN OHIO ...Algae -nonspecific; Aquatic Ecology - Animal; Eutrophic Lakes; Eutrophication; Ohio; Plant Habitat Studies; Reservoirs and Impoundments; Survey Studies (water); Vertical Distribution; ...2.0729

ESCHERICHIA COLI SEROTYPES IN MICROBIAL POLLUTION OF WATER ...Bacterial Pollutant Sources; Bacterial Population Surveys; Bacterial Serology; Escherichia Coli; Mammals -nonspecific; Water Pollution -see Specifics; ...2.0763

PERIPHYTON AND PHYTOBENTHON AS INDICATORS OF WATER QUALITY ...Benthic Flora; Chemical Water Properties;

Contamination - Water; Growth; Periphyton; Physiological Effects; Plant Habitat Studies; Water Pollutant Identification; Water Pollution Sources; ...2.0778

SIGNIFICANCE OF THE FECAL STREPTOCOCCI, COLIFORM BACTERIA AND COLIPHAGE IN RELATIONSHIP TO ENTERIC VIRUS POLLUTION IN SEWAGE AND RIVERS ...Bacterial Pollutant Sources; Bacteriophage; Rhode Island; Streptococcus Fecalis; Viruses - Animal; Water Pollutant Identification; ...2.0780

SURVIVAL OF INTESTINAL BACTERIA IN PRISTINE WATERS ...Bacterial Ecology; Bacterial Pollutant Sources; Recreation, Water Resources; Water Bacteria; ...2.0843

LAKE NUTRIENT STUDY ...Algae -nonspecific; Animal Productivity; Chemical Water Properties; Effluents - Waste Water; Eutrophication; Mineralogical Water Properties; Nutrients; Phytoplankton; Plant Productivity -general; ...2.0848

A COMPARISON OF TOTAL COLIFORM AND FECAL COLIFORM COUNTS IN STREAM POLLUTION SURVEYS ...Bacterial Identification; Coliforms -nonspecific; Literature Search; Survey Studies (water); Water Pollutant Identification; ...2.0855

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Flood Irrigation; Groundwater; Potable Water; Recreation, Water Resources; Septic Tanks; Sewage - Domestic; Water Wells; ...2.0883

WASTE WATER RENOVATION POTENTIAL OF FOREST SOILS PREDICTED BY THEIR CHEMICAL AND PHYSICAL PROPERTIES ...Chlorine; Clay Soils; Leaching; Percolation (water); Soil Analysis; Soil Chemical Properties; Soil Filters; Soil Organic Content; Soil Texture; Waste Disposal on Soils; ...2.0988

DEGRADATION OF SEWAGE AND SOIL MICROORGANISMS ...Bacterial Pollutant Sources; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Escherichia Coli; Marine Plants; Soil Bacteria; ...2.1041

PHYTOPLANKTON NUTRITION AND PHOTOSYNTHESIS IN EUTROPHIC LAKES ...Algal Physiology; Eutrophic Lakes; Eutrophication; Monitoring; Phytoplankton; ...2.1050

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...Californ... Data Reduction and Analysis; Forecasting - Prediction; Groundwater; Land Use; Mans Pollutional Activities; Waste Disposal-see Solid Waste; Water Quality -general; ...2.1054

EVALUATION OF LOW-FLOW AUGMENTATION ON THE CHEMISTRY AND BIOLOGY OF THE BUFFALO RIVER, BUFFALO, NEW YORK ...Biological Water Properties; Chemical Analysis (water); Chemical Water Properties; Industrial Wastes; New York; Sediments; Water Supply Augmentation; ...2.1064

THE RECOVERY RATE OF AQUATIC COMMUNITIES OF STREAMS RECEIVING ACID MINE DRAINAGE ...Acid Mine Drainage; Benthic Fauna; Industrial Wastes; Mining Industry; Physiological Effects; Rehabilitation -streams -lakes; ...2.1119

SPREADING TREATED SEWAGE FOR GROUNDWATER RECHARGE ...Activated; Arizona; Artificial Recharge; Disposal; Groundwater; Waste Management -see Specific; ...2.1151

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; Water Storage; ...2.1152

TECHNICAL, ECONOMIC & LEGAL ASPECTS IN THE EXCHANGE OF SEWAGE EFFLUENT FOR IRRIGATION WATER FOR MUNICIPAL USE (TUCSON) ...Agricultural Studies -general; Arizona; Legal Studies; Water Purification; Water Utilization -domestic; ...2.1155

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff; Arizona; Impaired Water Use; Irrigation; Parks; Runoff (water); Turf; Waste Disposal on Soils; ...2.1156

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Turf; Water Quality -general; Water Wells; ...2.1158

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Algae -nonspecific; Boating; Fish; Fishing; Mollusca; Recreation, Water Resources; Sewage Lagoons; Waste Water Treatment -general; ...2.1159

ROLE OF SOLIDS IN COMBINED SEWAGE POLLUTION ...Sewer Systems; Turbidity; ...2.1174

MYCOLOGICAL PHENOMENA IN SEWAGE SPREADING BASINS ...Activated; Cellular Catabolism-see Degrad; Environmental Factors; Soil Bacteria; Soil Microbiology; Waste Disposal on Soils; ...2.1185

ECOLOGICAL AND PHYSIOLOGICAL IMPLICATIONS OF GREENBELT IRRIGATION ...California; Fire Prevention; Groundwater; Irrigation; Plant Ecology -nonspecific; Waste Disposal on Soils; ...2.1189

THE IMPACT OF MUNICIPAL SEWERAGE CHARGES ...Costs - see Economics Entries; Economic Impact; Industrial Wastes; Price & Value -see Economics; Public Utilities; Waste Treatment Economics; ...2.1194

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Foreign Agriculture; Industrial Wastes; Plant Waste Removal, Treatment, Product Development Research; Water Pollution Abatement; Water Quality -general; ...2.1196

NAVY ENVIRONMENT - THE MICROBIOLOGY OF THE MIDDLE SALT LAGOON AS RELATED TO SEWAGE DISPOSAL ...Arctic; Environment; Lagoon; Polar Regions; Sewage Bacteria; Waste Disposal-see Solid Waste; ...2.1200

TREATMENT OF WATERCRAFT WASTES FROM SMALL VESSELS TO SHORE TREATMENT FACILITIES ...Boat Discharges; Marinas; Pumping Stations; Sewage Treatment Plant; Tanks; Waste Management -see Specific; ...2.1223

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations; Drainage; Storm Water; Urban Planning; Urban Research -general; Water Quality Control -general; Water Supply -general; ...2.1224

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Effluent-standards; Forest Management; Idaho; Irrigation; Sediment Thickness; Water Costs; Water Reuse; ...2.1241

BIOLOGICAL ASPECTS OF TERTIARY PONDS ...Contamination - Water; Effluents - Waste Water; Phytoplankton; Pond; Protozoa; Sewage Bacteria; Tertiary Treatment; ...2.1250

PILOT SCALE INVESTIGATIONS OF WELL RECHARGE USING CORED SAMPLES ...Aquifers; Cambrian Period; Effluents - Waste Water; Injection Wells; Sandstones; Waste Water Treatment -general; ...2.1254

EFFECT OF CHLORINATION ON CILIATE PROTOZOA AND THEIR ROLE AS A BARRIER TO STREAM POLLUTION ...Aquatic Ecology - Animal; Chemical Measurements (water); Chlorination; Effluents - Waste Water; Physical Water Properties; Pollution Effects -see Water; Protozoa; Temperature (water); ...2.1262

DISINFECTION OF SEWAGE EFFLUENTS ...Bacteria; Bromine; Chemical Water Properties; Chlorination; Chlorine; Disinfection; ...2.1264

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation; Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

DEMONSTRATION OF THE CHANNEL AERATION PROCESS IN TREATMENT OF SEWAGE ...Aeration (water); Aquatic Plants -nonspecific; Effluents - Waste Water; Nutrients; Viral Pollutant Sour... ...2.1310

ORGANIC WASTES AS A MEANS OF ACCELERATING RECOVERY OF ACID STRIP-MINE LAKES ...Acid Mine Drainage; Algae -nonspecific; Chlorophyll; Neutralization; Organic Waste -see Waste Treat; Rehabilitation -streams -lakes; Strip Mines; Waste Water Degradation; Waste Water Treatment - general; ...2.1319

TREATMENT NEEDED BY SEWAGE BEFORE INJECTION-WELL RECHARGE ...Artificial Recharge; Chlorination; Filters-filtration; Rapid Filters; Sand Filters; Tertiary Treatment; Waste Disposal; Underground; ...2.1343

AN ECONOMIC STUDY OF MUNICIPAL SURCHARGES ON INDUSTRIAL WASTES ...Budgeting Analysis; Disposal Wastes; Industry; Regression Analysis; Social Aspects; Urban Environment; Waste Treatment; ...2.1359

EFFECTS OF IRRIGATION OF MUNICIPAL SEWAGE EFFLUENT ON SPOILS BANKS ...Effluents - Waste Water; Irrigation; Mine Wastes; Spoil Banks; Strip Mines; Waste Disposal on Soils; Water Pollution Abatement; ...2.1404

GROUNDWATER FLOW IN PARTIALLY SATURATED SOILS ...Drainage; Groundwater Movement; Model Studies; Seepage (water); Soil Permeability; Water Quality Control -general; Water Supply -general; ...2.1412

PROCESS MODELING OF BIOLOGICAL WASTE TREATMENT ...Biological Treatment-general; Mathematical Models; Sewage - Domestic; Waste Water Treatment -general; ...2.1423

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

PILOT STUDIES IN THE RESTORATION OF THE PHYSICAL ENVIRONMENT OF A STREAM TO MAINTAIN A CLEAN WATER FLORA AND FAUNA ...Animal Productivity; Filtration; Pilot Plants; Rehabilitation -streams -lakes; Size; Water Quality Control -general; ...2.1462

INTERACTIONS BETWEEN AQUATIC PLANTS AND SEWAGE EFFLUENT ...Amaranthaceae; Effluent-standards; Eutrophication; Hydrocharitaceae; Nitrogen and Nitrogen Cpds.; Physiography -general; Pontederiaceae; ...2.1467

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

ECOLOGY AND NITROGEN CYCLE IN A MARINE PLANT COMMUNITY ...Alaska; Bering Sea; Lagoons; Nitrogen Cycle - see Denitrif.; Physiological Effects; Plant Physiological Ecology; Primary Productivity - Plants; ...2.1476

MARINE WASTE DISPOSAL AND SEA URCHIN ECOLOGY ...Animal Productivity; California; Echinodermata; Marine Animals; Marine Plants; Nutrient Studies -animal; Organic Matter; Plant Productivity -general; Population Dynamics -general; Urban Environment; ...2.1495

IRRIGATION OF CITRUS WITH WASTE WATER ...Absorption (incl. Adsorption); Citrus; Food Processing Industries; Industrial Wastes; Irrigation; Water Application Methods; ...2.1526

PARABIOTIC GROWTH CHARACTERISTICS OF SELECTED SEWAGE BACTERIA ...Activated Sludge; Aerobic Bacteria; Bacterial Ecology; Heterotrophic Bacteria; Sewage Bacteria; Waste Water Treatment -general; ...2.1536

POLLUTION EFFECTS ON GROUND WATER RECHARGE IN HAWAII ...Adsorption Capacity; Groundwater; Infiltration; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Organic Content; Waste Water Treatment -general; ...2.1540

APPLICATION OF SEWAGE SLUDGE TO FIELD CROPS ...Denitrification; Disposal; Microorganisms -nonspecific; Waste Digestion; ...2.1548

AN ENVIRONMENTAL SURVEY OF THE DAMARISCOTTA RIVER ESTUARY, LINCOLN COUNTY, MAINE ...Bottom Sampling; Core Analysis; Estuaries; Maine; Salinity (water); ...2.1570

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Chlorine; Data Acquisition; Effluent-standards; Fish; Population Dynamics -general; Species Diversity Measurement; Water Properties -general; ...2.1577

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ...New England Province; Nutrients; Swamps - Marshes; ...2.1580

COLLABORATIVE RESEARCH IN STRUCTURE, FUNCTION AND EXPORT OF A SALT MARSH ECOSYSTEM ...Animal Productivity; Benthic Fauna; Diatoms (see Also Algae); Energy Budgets; Fish; Marine Plants; New England Province; Oxygen Content (water); ...2.1586

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water); Channels; Contamination - Water; Ecological Effects; Organic Matter; Plant Freshwater Ecology; Primary Productivity - Plants; Sewage Treatment Plant; Thermal Pollution; ...2.1658

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY ...Bacterial Ecology; Contamination - Water; Estuaries; Fish; Forecasting - Prediction; Mineralogical Water Properties; North Carolina; Phosphorus and Phosphorus Cpds; Recreation; Water Resources; Salinity (water); Temperature (water); Water Pollution Sources; ...2.1662

DEPENDENCE OF FISH ON TIDAL MARSHES ...Aquatic Ecology - Animal; Computer Models; Management (water); Model Studies; Tides; ...2.1695

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); Water Quality -general; ...2.1725

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Model Studies; Nutrients; Physical Water Properties; Primary Productivity - Plants; Statistics; Washington; Water Purification; ...2.1768

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Waste Water Treatment -general; ...2.1775

MICROBIOLOGY OF FARM PONDS ...Algae -nonspecific; Animal Wastes - Feed Lots; Bacterial Identification; Bacterial Population Surveys; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Ecological Effects; Gram-negative Bacteria; Herbicides -nonspecific; Microorganisms -nonspecific; Pesticide Residues; Sanitary Landfills; Sewage Bacteria; Water Bacteria; ...3.1776

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Model Studies; Optimization, Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts, Effluents - Waste Water; Industrial Wastes; Irrigation; Legal Studies; Sanitary Landfills; State Government; Water Quality -general; Water Rights; Water Utilization -domestic; ...2.1862

INSTITUTIONAL SEA GRANT SUPPORT ...Acipenseridae; Dredging; Estuaries; Legal Review; Marine Animals; North Carolina; Serranidae; Water Resources Development; ...2.1886

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Groundwater; Land Use; Percolation (water); Primary Treatment; Secondary Treatment; Social Aspects; Survey Studies (water); Water Quality -general; ...2.1907

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

REVEGETATION OF HIGHLY ADVERSE SITES CREATED BY COAL MINING ...Acidity (water); Effluents - Waste Water; Industrial Wastes; Lysimeters; Moisture Deficiency; Percolation (water); Soil Analysis; Soil Conservation-see Conserv.; Soil pH; Spoil Banks; Taste & Odor of Water; Water Pollution Sources; ...3.0040

CHEMICAL INDICATORS OF FECAL POLLUTION ...Animal Wastes - Feed Lots; Chemical Analysis (water); Chemical Extraction; Gas Chromatography; Water Pollutant Identification; ...3.0049

EFFECT OF MUNICIPAL SEWAGE PLANT EFFLUENT UPON AQUATIC SNAIL POPULATIONS ...Aquatic Ecology - Animal; Chlorine; Ecological Effects; Lake Champlain; Mercury; Pollution Effects -see Water; ...3.0053

AERATED LAGOONS & ANAEROBIC REACTORS - A FIELD & LAB STUDY OF THEIR EFFICIENCIES & DESIGN PRINCIPLES IN SEWAGE TREATMENT ...Aeration (water); Anaerobic Wastewater Treatment; Farm Animal Wastes; Process Design; Sewage Lagoons; ...3.0083

WASTE DISPOSAL IN RURAL AREAS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Connecticut; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Rural Areas; Septic Tanks; Waste Disposal on Soils; Water Pollutant Identification; ...3.0098

NEMATODES ASSOCIATED WITH SEWAGE TREATMENT AND THEIR SIGNIFICANCE ...Animal Pollutant Sources; Nematoda; Taxonomy -animal; ...3.0108

ANTI-POLLUTION AND SEWAGE DISPOSAL FOR FLORIDA COMMUNITIES ...Eutrophication; Florida; Lagoons; Pipe; Sanitary Sewage Quantity; Sewage - Domestic; Sub - Tropic Regions; Water Pollution Abatement; ...3.0109

EFFECT OF IRRADIATION ON THE MICROECOSYSTEM OF SEWAGE ...Microorganisms -nonspecific; Radiation; Sewage Bacteria; ...3.0137

CLOSED SYSTEMS FOR ANIMAL SEWAGE TREATMENT ...Aerobic Bacteria; Anaerobic Bacteria; Chemical Treatment - general; Color; Disinfection; Farm Animal Wastes; Ion Exchange; Sanitation; Taste & Odor of Water; Waste Water Treatment - general; ...3.0168

KINETICS OF SEWAGE DEGRADATION IN SEA WATER ...Degradation -see Pesticide Deg; Marine Pollution; Sewage Testing; ...3.0171

THE ELECTRO-OXIDATION OF AMMONIA IN SEWAGE TO NITROGEN ...Electrochemistry; Electrolytic; Nitrogen and Nitrogen Cpds.; Waste Water Treatment -general; ...3.0177

FLOWING BIOLOGICAL SYSTEM IN AQUACULTURE, SEWAGE TREATMENT AND POLLUTION ASSAY ...Coastlines - Shorelines; Effluents - Waste Water; General Recreation Studies; Recreation, Water Resources; Waste Water Treatment - general; ...3.0178

REMOVAL OF PHOSPHATE FROM WATER BY ALUMINUM AND IRON ...Adsorption; Chemical Treatment (water); Coagulation; Diffraction; Precipitation; Water Chemistry; Water Pollution Sources; ...3.0218

REMOVAL OF BOD AND NUTRIENTS BY BIOLOGICAL SLIMES ...Bacterial Morphology; Biochemical Oxygen Demand; Denitrification -see Nitrogen; Sewage Bacteria; ...3.0224

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bos; Drainage; Effluents - Waste Water; Lysimeters; Rural Areas; Soil Aeration; Soil pH; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Percolation (water); Pinus Resinosa; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; Water Reuse; ...3.0298

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Soil pH; Subsurface Runoff; Water Table; Zea Mays - Field Corn; ...3.0299

SOLUBLE PHOSPHORUS REMOVAL IN THE ACTIVATED SLUDGE PROCESS ...Activated Sludge; Alum Waste Water Treatment; Phosphorus and Phosphorus Cpds; Sewage Bacteria; ...3.0300

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Precipitation; Soil Depth; Soil Moisture; Soil Structure -other; Soil Types -also See Specifics; Water Table; Zea Mays - Field Corn; ...3.0301

FARM ANIMAL WASTE DISPOSAL AND POLLUTION CONTROL ...Animal Wastes - Feed Lots; Bacterial Population Surveys; Chemical Oxygen Demand; Chlorine; Farm Animal Wastes; Methane; Nitrogen and Nitrogen Cpds.; South Dakota; Streptococcus Fecalis; Surfactants -see Detergents; Water Pollutants - Path of; ...3.0312

APPLICATION OF HYPERFILTRATION WITH DYNAMICALLY-FORMED MEMBRANES TO TREATMENT OF MUNICIPAL SEWAGE EFFLUENTS ...Activated Sludge; Effluent-standards; Electrochemistry; Membranes; Porosity; Tertiary Treatment; ...3.0319

ISOLATION OF LYTIC AGENTS RELATED TO SPHAEROTILUS ...Activated Sludge; Bacillus Cereus; Cell Injury and Autolysis; Geotrichum Sewage Bacteria; Sphaerotilus; ...3.0334

RETENTION OF NUTRIENTS AND OTHER POLLUTANTS IN SEWAGE BY SOILS ...Analysis and Detection; Biochemical Oxygen Demand; Effluent-standards; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Septic Tanks; Silty Soils; Water Pollutant Identification; ...3.0350

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS ...Algae -nonspecific; Chlorination; Effluents - Waste Water; Pseudomonas; Sewage Lagoons; Water Pollution -see Specifics; Zooplankton; ...3.0356

Surfactants -see Detergents

CHARACTERIZATION OF SOIL NONWETTABILITY AND THE DEVELOPMENT OF CRITERIA FOR THE MOST ECONOMIC TREATMENT OF THESE SOILS ...Fire Damage; Recovery; Infiltration; Soil Conditions; Soil Moisture; Soil Types -also See Specifics; ...2.0044

PREPARATION AND EVALUATION OF STARCH DERIVATIVES FOR DETERGENT BUILDERS ...Algae -nonspecific; Chelation & Complexing; Detergent Builders; Home Economics; Polymerization; Water Chemistry; ...2.0126

HEAVY METAL ION INTERACTION AND TRANSPORT WITH SYNTHETIC COMPLEXING AGENTS AND DETERGENT PHOSPHATE SUBSTITUTES IN AQUATIC SYSTEMS ...Biodegradation-see Degradation; Chelation & Complexing; Detergents -see Surfactants; Environmental Influences; Leaching; ...2.0221

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

MOLECULAR INTERACTIONS AT THE OIL-WATER INTERFACE AND THE FORMATION OF MICROEMULSIONS ...Detergents -see Surfactants; Electrochemistry; Microscopy; Oil Removal; Petroleum Wastes - Spillage; Spectrographic Techniques; ...2.0273

ULTRAVIOLET STUDIES (SOLAR-STIMULATED FLUORESCENCE) ...Aircraft Remote Sensing; California; Chlorophyll; Colorado River; Dyes; Industrial Wastes; Petroleum Wastes - Spillage; Pulp and Paper Wastes; Spectral Reflectance; Turbidity (water); ...2.0535

ANALYSIS OF SOLUTIONS FOR SURFACE-ACTIVE CONSTITUENTS ...Absorption - Chemistry; Adsorption; Chemical Analysis (water); Detectors and Sensors; Electrochemistry; ...2.0598

DETECTION AND IDENTIFICATION OF MOLECULAR WATER POLLUTANTS BY LASER RAMAN SPECTROSCOPY ...Chemical Analysis; Detergents -see Surfactants; Industrial Wastes; Lasers and Masers; Mass Spectroscopy; Pesticides -see Pesticide; Petroleum Research; Raman Spectroscopy; ...2.0599

TESTING METHODS FOR EVALUATION OF BOTH EFFECTIVENESS AND TOXICITY TO AQUATIC LIFE OF VARIOUS TREATING MATERIALS ...Adsorption; Chemical Treatment (water); Degradation -see Pesticide Deg; Oil Removal; Pesticide Toxicity -general; Physiological Effects; ...2.0845

THE ORGANIC CONCENTRATION GRADIENT IN AN AERATION COLUMN ...Aeration (water); Bubbles; Organic Matter; Organic Water Properties; Separation; ...2.1337

THE EFFECT OF DETERGENTS ON THE OXYGENATION OF WATER ...Absorption - Chemistry; Activated Sludge; Adsorption; Detergents -see Surfactants; Hydrophilic; Hydrophobic; Sewage - Domestic; ...2.1440

TREATMENT OF DYEING BATH WASTE STREAMS BY FOAMING AND FLOTATION TECHNIQUES ...Adsorption; Chemical Effects; Dye Wastes; Fibers; Foam; Plastics; Southeast U. S.; Textile Industry; ...2.1441

EFFECTS OF SURFACTANTS IN WATER ON BLACKBIRD METABOLISM ...Analysis and Detection; Contamination - Water; Passeriformes; Temperature - Air; ...2.1579

BIODEGRADABILITY OF ORGANIC COMPOUNDS INCLUDING DETERGENTS, METAL WORKING FLUIDS, ETC THAT MAY CONTAMINATE WATER ...Analysis and Detection; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Detergents -see Surfactants; Fuels; Metal Processing Wastes; Waste Water Degradation; ...3.0028

CLAY-WATER SYSTEMS IN RELATION TO ENGINEERING PROPERTIES OF CLAY MATERIALS ...Clay Soils; Infiltration; Mass Wasting; Geological; Septic Tanks; Size; Suburban Areas; Urban Research -general; ...3.0050

AEROBIC AND ANAEROBIC BIODEGRADATION OF DETERGENTS ...Aerobic Bacteria; Anaerobic Bacteria; Analysis and Detection; Chemical Oxygen Demand; Home Economics; Product Development Research; ...4.1106

Thermal Pollution

METEOROLOGICAL CONSEQUENCES OF THERMAL POLLUTION ...Atomic Plants; Energy Conversion; Lake Michigan; Solar Radiation -sunshine; Temperature; ...1.0344

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Acidity (water); Arkansas; Biological Water Properties; Chemical Water Properties; Energy Conversion; Plankton; Reactor Site Survey; Rad Waste; ...2.0023

DISPERSION OF HEAT IN STRATIFIED FLOW ...Dispersion (water); Electric Power Plants; Energy Conversion; Estuaries; Fluid Mechanics; Heat Flow (water); ...2.0042

DISPERSION AND HEAT DECAY OF THERMAL DISCHARGES ...Electric Power Plants; Energy Conversion; Forecasting - Prediction; Illinois; Illinois River; Model Studies; Temperature; ...2.0129

MODELING AND OPTIMIZATION OF THERMAL POLLUTION CONTROL SYSTEMS ...Computer Models; Electric Power Plants; Forecasting - Prediction; Mathematical Models; ...2.0157

INVESTIGATION OF PRESENT THERMAL REGIME OF MISSOURI RIVER IN MISSOURI ...Aircraft Remote Sensing; Depth (water); Energy Conversion; Infrared Radiation; Missouri River; Water Temperature Recorders; ...2.0227

ENVIRONMENTAL EVALUATION OF A NUCLEAR POWER PLANT ...Animal Behavioral Ecology; Atomic Plants; Contamina-

tion - Water; Ecological Effects; Environmental Ecology; Lakes; Population Dynamics -general; ...2.0305

USE OF REACTOR COOLING WATER FROM NUCLEAR POWER PLANTS FOR IRRIGATION OF AGRICULTURAL CROPS ...Atomic Plants; Energy Conversion; High Temp. - 85f Or Above; Photosynthesis; Respiration; Soil Moisture; ...2.0318

POWER PRODUCTION ...Atomic Plants; Chemical Effects; Density; Effluents - Waste Water; Energy Conversion; Mathematical Models; Reservoirs and Impoundments; ...2.0337

POTENTIAL BENEFITS OF INTEGRATING A NEW COMMUNITY AND A POWER REACTOR WITH SPECIAL REFERENCE TO THE WATER ECOLOGY ...Aquatic Ecology - Animal; Atomic Plants; Energy Conversion; Heat Recovery, Industrial; Nuclear Power; Plant Freshwater Ecology; Public Utilities; Social Aspects; ...2.0352

THERMAL INFLUENCES ON FATES OF NUCLIDES ...Animal Productivity; Chlorine; Forecasting - Prediction; Lakes; Mineralogical Water Properties, Primary Productivity - Plants; Reservoirs and Impoundments; Water Pollution Sources; ...2.0359

ABSTRACT PREPARATION FOR THE WATER RESOURCES SCIENTIFIC INFORMATION CENTER ...Abstracts; Archives; Energy Conversion; Information Science; Water Utilization - general; ...2.0370

STATUS OF THERMAL POLLUTION AND RESEARCH NEEDS ...Bibliography; Chemical Water Properties; Hydraulics; Water Quality Control -general; ...2.0371

SEPARATION OF SOLAR AND HEATED DISCHARGE EFFECTS ...Computer Models; Dyes; Energy Conversion; Rocks - Bedrock; Solar Radiation -sunshine; Turbidity (water); Water Pollutants - Path of; ...2.0372

URBANIZATION AND ITS EFFECT ON STREAM TEMPERATURE ...Heat Balance - Budget; Mans Pollutional Activities; Radiation Instruments -atmos.; Urban Research -general; ...2.0407

EFFECT OF TEMPERATURE ON BACTERIA ...Atomic Plants; Bacterial Population Surveys; Columbia River; Environmental Aspects; Ictaluridae; Water Bacteria; ...2.0422

INTEGRATED URBAN UTILITY SYSTEMS ...Energy Conversion; Public Utilities; Technology - Social Impact; Urban Research; Water Supply -general; ...2.0428

SURFACE WATER TEMPERATURE OF THE CONNECTICUT RIVER ...Aircraft Remote Sensing; Aquatic Ecology - Animal; Electric Power Plants; Environmental Ecology; Infrared Radiation; Mapping; Survey Studies (water); Temperature (water); ...2.0524

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Urban Research -general; Water Standards & Baselines; ...2.0547

HYDROGRAPHIC AND BIOLOGICAL SURVEY OF MONI-SWEAG BAY AND VICINITY ...Algae -nonspecific; Atomic Plants; Benthic Organisms -nonspecific; Crustacea; Ecological Effects; Fish; Mineralogical Water Properties; Nutrient Studies - animal; Plankton Sampling; Salinity; Sediments; Survey Studies (water); Temperature (water); Zooplankton; ...2.0609

AUTOMATED DETERMINATION OF PRIMARY PRODUCTIVITY ...Automatic Data Aquisition; Carbon; Destratification; Forecasting - Prediction; Lakes; Mathematical Models; Primary Productivity - Plants; Rate Meters; ...2.0612

REMOTE SENSING ...Bays; Lake Michigan; Mapping; Maps - general; Remote Sensing; River Plume; Sediments; ...2.0631

SPECIAL TEMPERATURE SURVEY OF RIVER AND ESTUARINE AREAS IN RELATION TO THERMAL POLLUTION AND FISHERY PROBLEMS ...Cooperative Studies; Energy Conversion; Estuaries; Infrared Radiation; Temperature (water); ...2.0673

INVESTIGATION OF THE THERMAL PATTERNS IN THE VICINITY OF THE CRYSTAL RIVER ...Aerial Photography -see Photo.; Atomic Plants; Energy Conversion; Forecasting - Prediction; Infrared Radiation; ...2.0685

FEASIBILITY OF A MOBILE SUBMERSIBLE FOR USE IN CONTROL, MANAGEMENT, STUDY OF NATURAL PROCESSES, PROTECTION & CONSERVATION OF INLAND WATERS ...Lakes; Marine Biology - General; Marine Geology; Water Conservation -general; Water Quality -general; ...2.0688

FINITE ELEMENT APPROACH TO THE POLLUTION ANALYSIS OF LAKES ...Computer Models; Hydraulics; Lakes; Sediments; ...2.0689

MONITORING WATER EFFLUENTS FROM A NUCLEAR POWER PLANT ...Atomic Plants; Effluents - Waste Water; Energy Conversion; New York; Water Pollutants - Path of; ...2.0697

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

SENSITIVITY OF BENTHIC MICROFLORA TO POLLUTION GRADIENTS ...Atomic Plants; Carbon; Energy Conversion; Marine Plants; Rhode Island; Water Pollutant Identification; Water Standards & Baselines; ...2.0773

FFASIBILITY STUDY OF WATER RESOURCE POLLUTANT IDENTIFICATION BY DIGITAL COMPUTER ANALYSIS OF REMOTE INFRARED SENSOR SPECTRAL INTENSITIES ...Aircraft Remote Sensing; Industrial Wastes; Instrument Services; Man Machine Systems; Optical Detectors; Radiation Detectors; ...2.0793

PREOPERATIONAL AND OPERATIONAL RESERVOIR MONITORING - BROWNS FERRY NUCLEAR PLANT ...Aquatic Ecology - Animal; Contamination - Water; Ecological Effects; Fish; Pollution Effects -see Water; Reactor Sites & Rad Waste; Survey Studies (water); ...2.0800

INTERRELATIONSHIP OF METEOROLOGICAL FACTORS AND THERMAL PLUMES ...Correlation; Forecasting - Prediction; Meteorological Studies; Random Variables; Sensitivity Problems; ...2.0804

TEMPERATURE DISTRIBUTIONS RESULTING FROM COOLING WATER DISCHARGES ...Development of Models; Energy Conversion; Mathematical Models; Power Reservoirs; Streams; ...2.0805

TEMPERATURE INCREASES BELOW DAMS ...Dams -general; Dyes; Fluorometry; Meteorologic Instruments -gen.; ...2.0806

A PRE-IMPOUNDMENT ECOLOGICAL STUDY OF THE BOTTOM FAUNA AND WATER QUALITY IN THE NORTH ANNA RIVER ...Atomic Plants; Chemical Analysis (water); Contamination - Water; Environmental Ecology; Management (water); Water Standards & Baselines; ...2.0834

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Columbia River; Electric Power Plants; Fishing; Heat Flow (water); Nitrogen and Nitrogen Cpds.; Recreation; Water Resources; Types of Resources; Water Storage; ...2.0841

APPLICATION OF REMOTE SENSING TO SURFACE PARAMETERS OF LARGE WATER BODIES ...Aircraft Remote Sensing; Circulation (water); Energy Conversion; Microwave Radiation; Petroleum Wastes - Spillage; ...2.0864

BEHAVIOR AND CONTROL OF CONTAMINANTS IN SURFACE WATERS ...Destratification; Public Utilities; Reservoirs and Impoundments; Water Pollutant Identification; Water Resources Protection; ...2.0928

LAKE CURRENTS AND DIFFUSION PROCESSES ...Canada; Dispersion (water); Fluid Mechanics; Petroleum Wastes - Spillage; Water Pollutants - Path of; ...2.0975

THREE DIMENSIONAL DISPERSION FROM POINT SOURCES OF CHEMICAL OR THERMAL POLLUTION IN OPEN CHANNELS ...Channels; Lasers -Masers; Mathematical Models; Radiation Detectors; Scattering; Water Pollutant Identification; ...2.0990

DISSIPATION AND DIFFUSION OF HEAT IN STREAMS AND LAKES ...Energy Conversion; Fluid Mechanics; Heat Flow (water); Lakes; ...2.0993

COOLING TOWER STUDY ...Cooling Towers; Energy Conversion; Fog, Haze, Mist; Legislation - Zoning; Oxidation; Weather Modification; ...2.1002

RESEARCH INITIATION - MIXING AND TRANSFER PROCESSES FOR HEATED EFFLUENTS IN OPEN CHANNEL FLOW ...Channels; Energy Conversion; Flow Characteristics (water); Flume Studies; Heat Flow (water); Physical Models; ...2.1019

NATURAL MIXING AND TRANSFER PROCESSES FOR THERMAL LOADS IN STREAMS ...Channels; Energy Conversion; Flume Studies; Forecasting - Prediction; ...2.1020

DISPOSAL OF HEATED WATER THROUGH GROUND WATER SYSTEMS ...Economic Studies -general; Groundwater; Mathematical Models; Physical Models; Water Wells; ...2.1025

ANALYSIS OF THERMAL POLLUTION DISPERSION ...Aeration (water); Effluents - Waste Water; Model Studies; Stratification (water); Water Pollution Effects; ...2.1055

RESEARCH ON PHYSICAL ASPECTS OF THERMAL POLLUTION ...Energy Conversion; Fluid Mechanics; Forecasting - Prediction; Lakes; Mathematical Models; Stratification (water); Thermocline; ...2.1063

STUDY OF WATER CURRENTS AND MOVEMENTS IN LAKE ERIE ...Energy Conversion; Lake Erie; Ocean Circulation -

general; Ocean Hydrodynamics; Stratification (water); Water Pollution Abatement, ...2.1076

RESEARCH INITIATION - THERMAL DISCHARGES ...Energy Conversion; Lakes; Physical Models; ...2.1077

DIFFUSION OF THERMALLY BUOYANT WATER JETS INTO A MOVING WATER STREAM ...Density; Diffusion; Fluid Mechanics; Streams; Water Temperature Recorders; ...2.1093

TEMPERATURE DISTRIBUTION IN THE VICINITY OF WASTE HEAT DISCHARGES ...Electric Power Plants; Energy Conversion; Forecasting - Prediction; High Temp. - 85f Or Above; Mathematical Models; Stratification (water); ...2.1096

TURBULENT MIXING IN SUBMERGED TWO-DIMENSIONAL WALL JETS ...Energy Conversion; Fluid Mechanics; Forecasting - Prediction; Mineralization; ...2.1098

NATIONAL SYMPOSIUM ON THERMAL POLLUTION ...Electric Power Plants; Energy Conversion; Management (water); Meetings; ...2.1100

DISCHARGE OF NEGATIVELY BUOYANT FLUIDS ...Data Networks; Density; Energy Conversion; Fluid Mechanics; Mathematical Models; Stratification (water); ...2.1101

EFFECT OF GEOGRAPHICAL LOCATION ON COOLING POND REQUIREMENTS AND PERFORMANCE ...Electric Power Plants; Energy Conversion; Handbooks; Ponds; Water Pollution Abatement; ...2.1103

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency; Flow Characteristics (water); Industrial Wastes; Model Studies; North Carolina; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Protection; ...2.1104

CONTROLLING THE LOCATION AND DISPERSION OF A THERMAL POLLUTING EFFLUENT ...Dispersion (water); Dyes; Energy Conversion; Model Studies; ...2.1125

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; Wisconsin; ...2.1133

HEAT AND MOISTURE CONDUCTION IN UNSATURATED SOILS ...Atomic Plants; Energy Conversion; Mathematical Models; Saturated - Unsaturated Soils; Soil Thermal Properties; ...2.1160

COMBINED COOLING AND BIO-TREATMENT OF BEET-SUGAR FACTORY CONDENSER WATER EFFLUENT ...Chemical Treatment (water); Condensers; Food Processing Industries; Industrial Wastes; Organic Matter; Sugar Refining Wastes; Waste Water Degradation; ...2.1201

THERMAL WATER DEMONSTRATION PROJECT ...Agricultural Studies -general; Benefit cost Analysis; Heat Recovery; Industrial; Pilot Plants; Technology - Social Impact; Water Utilization - animal; Welfare Economics; ...2.1389

THERMAL AND CONVENTIONAL RIVER POLLUTION ...Atomic Plants; Chemical Water Properties; Effluents - Waste Water; Legislation - Zoning; Tennessee River; Water Quality Control -general; ...2.1472

THERMAL POLLUTION AND SOCIAL BEHAVIOR OF FISHES ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Bullheads; Ecological Effects; Environmental Physiology; Marine Animals; Osteichthyes -other; Population Dynamics -general; Temperature Stress; ...2.1498

RESEARCH AND BASIC DATA ON THERMAL POLLUTION ...Climatology; Energy Conversion; Fluid Mechanics; Heat Balance - Budget; Temperature; Weather Data; ...2.1506

WATER TEMPERATURE AS A QUALITY FACTOR IN THE USE OF STREAMS AND RESERVOIRS ...Animal Habitat Studies; Dispersion (water); Meteorological Studies; Temperature (water); Water Pollution Sources; ...2.1514

BEHAVIOR PATTERN OF SHAD IN THE VICINITY OF A HEATED EFFLUENT DURING A NO-HEAT PERIOD ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Electric Power Plants; Tags; Temperature (water); ...2.1515

COLUMBIA RIVER THERMAL EFFECTS STUDY ...Aquatic Ecology - Animal; Columbia River; Environment Resistance-animals; Fish; Forecasting - Prediction; Model Studies; Temperature (water); ...2.1523

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Water Pollutant Identification; ...2.1527

PHARMACEUTICALS RESEARCH ...Animal Productivity; Coelenterata; Invertebrate Physiology; Sphyraenidae; Toxicology; ...2.1528

BIOLOGICALLY ALLOWABLE THERMAL POLLUTION LIMITS - A PHYSICO-CHEMICAL APPROACH ...Environmental Ecology; Literature Search; Temperature (water); ...2.1529

STUDIES OF THERMAL POLLUTION IN BISCAYNE BAY ...Aquatic Ecology - Animal; Atomic Plants; Contamination - Water; Data Reduction and Analysis; Ecological Effects; Energy Conversion; Induced Temperature; Marine Plants; Population Dynamics -general; ...2.1532

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

THE EFFECTS OF THERMAL LOADING ON THE HAWAIIAN MARINE BIOTA ...Animal Life History Studies; Ecological Effects; Environmental Physiology; Marine Animals; Pollution Effects -see Water; Temperature; ...2.1539

GREAT LAKES ECOLOGY STUDY ...Aquatic Ecology - Animal; Chemical Analysis (water); Ecological Effects; Environmental Ecology; Lakes; Reactor Sites & Rad Waste; Water Standards & Baselines; ...2.1546

LAKE MICHIGAN THERMAL STUDIES ...Atomic Plants; Dispersion (water); Forecasting - Prediction; Physical Models; Water Temperature Recorders; ...2.1547

MICROBIOLOGY OF THERMALLY POLLUTED ENVIRONMENTS ...Acidity (water); Bacteria -nonspecific; Cellular Physiology; Env. Eff.; Hyperthermal; Radioisotopes -nonspecific; Thermophilic Bacteria; Water Pollutant Identification; ...2.1550

EFFECT OF HEATED WATER DISCHARGE FROM IPALCO'S PETERSBURG PLANT ON THE WATERS OF WHITE RIVER, INDIANA ...Benthic Fauna; Biological Water Properties; Electric Power Plants; Fish; Induced Temperature; Oxygen Content (water); Plankton; Temperature (water); Turbidity (water); Turbines; ...2.1552

THE RESPONSE OF FISH POPULATIONS TO HEATED EFFLUENTS ...Animal Productivity; Biochemical Analysis - Tissues; Ecological Effects; Energy Conversion; Environmental Physiology; Pollution Effects -see Water; Temperature (water); Water Pollutant Identification; ...2.1553

BIOLOGICAL CHARACTERISTICS OF WORM POPULATIONS IN GROWING AREAS ...Animal Behavioral Ecology; Annelida; Atomic Plants; Embryology -basic; Estuaries; Invertebrate Physiology; Marine Animals; Population Dynamics -general; Temperature (water); ...2.1567

THE EFFECT OF HEATING WATER EFFLUENTS ON THE LOWER NEUSE RIVER ESTUARY ...Aquatic Ecology - Animal; Benthic Fauna; Energy Conversion; Estuaries; Fish & Shellfish Biology; Maine; Physical Water Properties; Reactor Sites & Rad Waste; ...2.1568

COOLING WATER DISCHARGE PROJECT (RP-49) ...Biological Water Properties; Ecological Effects; Estuaries; Lakes; Synoptic Weather Observations; ...2.1572

AN ECOLOGICAL STUDY OF THE PATUXENT ESTUARY ...Amphibious Plants; Electric Power Plants; Gramineae; Induced Temperature; Physiological Effects; Zizanieae; ...2.1573

EFFECTS OF THERMAL POLLUTION ON PRODUCTIVITY AND STABILITY OF ESTUARINE COMMUNITIES ...Algae - nonspecific; Aquatic Ecology - Animal; Chesapeake Bay; Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Phytoplankton; Pollution Effects -see Water; Salinity (water); Temperature (water); Vertebrates -nonspecific; Water Pollution Effects; ...2.1574

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Water Quality -general; ...2.1575

THE THERMAL REQUIREMENTS AND TOLERANCE OF KEY ESTUARINE ORGANISMS ...Electric Power Plants; Environmental Ecology; Estuaries; Invertebrate Physiology; Salinity (water); ...2.1576

EFFECT OF WATER TEMPERATURE AND/OR DISSOLVED OXYGEN REQUIREMENTS ON SELECTED MOLLUSKS ...Aquatic Ecology - Animal; Environment Resistance-animals; Gastropoda; Invertebrate Physiology; Temperature (water); ...2.1589

MONITORING FISH POPULATIONS IN THE VICINITY OF THE PALISADES NUCLEAR POWER PLANT SITE ...Aquatic Ecology - Animal, Ecological Effects, Energy Conversion, Lake Michigan, Nets, Salmonidae, ...2.1596

CONTROLLED TEMPERATURE REGIMES IN OUTDOOR EXPERIMENTAL PONDS ...Aquatic Ecology - Animal, Energy Conversion, Heat Flow (water), Minnesota, Temperature (water), ...2.1600

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies, Aquatic Plants -nonspecific, Ecological Effects, Energy Conversion, Fish Food Supply -other, Minnesota, Physical Water Properties, Plant Phenology, Seasonal Distribution, Temporal Distribution, Water Standards & Baselines, ...2.1602

EFFECT OF HEATED DISCHARGE WATER FROM POWER GENERATING PLANT ON FISH POPULATIONS & FISHING IN LAKE ST CROIX (ABBREV) ...Aquatic Ecology - Animal, Electric Power Plants, Environmental Ecology, Fishing, Loss Damages - Recreation, Population Dynamics -general, Temperature (water), Water Pollution Effects, ...2.1603

ENVIRONMENTAL STUDIES ON THE MISSISSIPPI RIVER ...Ecological Effects, Effluents - Waste Water, Energy Conversion, Mathematical Models, Mississippi River, ...2.1612

THERMAL GRADIENTS ASSOCIATED WITH DISCHARGE OF HEATED EFFLUENTS ...Electric Power Plants, Energy Conversion, Forecasting - Prediction, ...2.1613

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage, Algae -nonspecific, Benthic Organisms -nonspecific, Chemical Water Properties, Ecological Effects, Environment Resistance-animals, Heat Recovery, Industrial, Photosynthesis, Reservoirs and Impoundments, ...2.1619

HARVEST OF FISH IN THOMAS HILL RESERVOIR ...Aquatic Ecology - Animal, Creel Census, Environment, Fish, Lakes, Performance, Power Reservoirs, Temperature (water), Temperature - Air, User Patterns, ...2.1620

THE FISHERY OF THOMAS HILL RESERVOIR ...Biological Effects, Electric Power Plants, Energy Conversion, Evocidae, Power Reservoirs, Stocking of Fish & Shellfish, Temperature (water), ...2.1621

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution - see Specifics, Computer Methods -general, Energy Budgets, Metabolism - and Biochemistry, Plant Competition, Plant Physiological Ecology, Plant Response to Environ, Temperature - Internal, Water Utilization -plant, ...2.1629

EFFECTS OF WARM WATER DISCHARGES ON FISH IN THE MISSOURI RIVER ...Atomic Plants, Biological Water Properties, Chemical Water Properties, Energy Conversion, Fish, Missouri River, Temperature (water), ...2.1633

EFFECTS OF THERMAL ADDITIONS ON MARINE ECOSYSTEMS ...Animal Behavioral Ecology, Aquatic Ecology - Animal, Bays, Ecological Effects, Energy Conversion, Invertebrate Physiology, Long Island Sound, Mollusca, Population Dynamics - general, Temperature (water), Zooplankton, ...2.1638

EFFECTS OF THERMAL AND OTHER FORMS OF POLLUTION ON SOME ANADROMOUS FISHES ...Aquatic Ecology - Animal, Environment Resistance-animals, Fresh Water, Nitrogen and Nitrogen Cpds., Pollution Effects -see Water, Salinity (water), ...2.1641

TEMPERATURE REGIMEN IN TIDAL WATERS ...Aquatic Ecology - Animal, Biological Effects, Ecological Effects, Model Studies, Tides, Water Purification, ...2.1644

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTUARINE ORGANISMS ...Animal Behavioral Ecology, Atomic Plants, Chemical Measurements (water), Chlorine, Delaware River, Effluents - Waste Water, Environmental Aspects, Estuaries, Invertebrate Physiology, Marine Animals, Temperature (water), Water Pollutant Identification, Zinc, ...2.1648

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER ...Aquaria, Captive Rearing, Energy Conversion, Fish Farming, Marine Animals, New York, Temperature (water), Water Utilization - animal, ...2.1653

ENERGY RELATIONS IN ESTUARINE ECOSYSTEMS ...Animal Productivity, Benthic Organisms -nonspecific, Energy Budgets, Fish, Management (water), Marine Animals, Mathematical Models, North Carolina, Plant Population Dynamics -gen, Primary Productivity - Plants, Zooplankton, ...2.1656

RESPONSE OF NATURAL PHYTOPLANKTON POPULATIONS TO THERMAL SHOCK ...Carbon, Electric Power Plants, Environmental Aspects, Induced Temperature, Phytoplankton, Primary Productivity - Plants, ...2.1657

THE EFFECTS OF TEMPERATURE ENRICHMENT ON THE ECOLOGY OF STREAMS ...Acidity (water), Channels, Contamination - Water, Ecological Effects, Organic Matter, Plant Freshwater Ecology, Primary Productivity - Plants, Sewage Treatment Plant, ...2.1658

A COMPARATIVE STUDY OF THE RESPONSES OF THE AQUATIC WEEDS, ZANNICHELLIA PALUSTRIS & RUPPIA MARITIMA, TO DIFFERENT TEMPERATURES AND SALINITIES ...Amphibious Plants, Forecasting - Prediction, Marine Plants, Potamogetonaceae, Temperature (water), Water Pollution Effects, ...2.1659

ESTUARINE ECOSYSTEMS AND HIGH TEMPERATURES ...Algae -nonspecific, Alkalinity (water), Amphibious Plants, Atomic Plants, Crustacea, Effluents - Waste Water, Environmental Ecology, Fish, Induced Temperature, Mineralogical Water Properties, Mollusca, Ponds, Temperature (water), ...2.1661

PARASITES OF FRESH WATER FISHES IN NORTH CAROLINA ...Animal Life History Studies, Annelida, Copepoda, Lakes, Nets, Ponds, Temperature (water), ...2.1663

CONTROLLING THERMAL POLLUTION IN SMALL STREAMS ...Energy Budgets, Flow Characteristics (water), Induced Temperature, Lumbering -general, Model Studies, Pulp and Paper Wastes, Temperature (water), ...2.1677

THERMAL EFFECTS IN FLOWING STREAMS ...Currents (water), Electric Power Plants, Nutrients, Pollution Effects -see Water, Turbidity (water), ...2.1706

THERMAL EFFECTS IN RESERVOIRS (LAKES) ...Algal Physiology, Aquatic Ecology - Animal, Electric Power Plants, Induced Temperature, Nutrient Studies -animal, Optical Properties of Water, Periphyton, Pollution Effects -see Water, Primary Productivity - Plants, Reservoirs and Impoundments, ...2.1707

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies, Atomic Plants, Effluents - Waste Water, Environmental Physiology, Invertebrate Physiology, Nuclear Reactors, Reactor Sites & Rad Waste, Water Standards & Baselines, ...2.1708

EFFECTS OF TEMPERATURE ON AQUATIC LIFE ...Animal Productivity, Channels, Fish, Model Studies, Temperature (water), ...2.1712

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology, Animal Migration, Aquatic Ecology - Animal, Behavior -vertebrate, Ecological Effects, Environmental Physiology, Fresh Water, Mass Pollutional Activities, Model Studies, Pollution Effects -see Water, Temperature (water), Water Pollution Sources, Zinc, ...2.1720

ENVIRONMENTAL QUALITY STUDY PROJECT - UTILIZATION OF WASTE HEAT ...Agricultural Studies general, Energy Conversion, Heat Recovery, Industrial, Water Utilization -industrial, ...2.1721

ENVIRONMENTAL QUALITY STUDY PROJECT - THERMAL DISCHARGES AND EFFECTS STUDIES ...Electric Power Plants, Inlets, Outlets, Water Resources Planning, ...2.1723

THE DISTRIBUTION AND DENSITY OF MACROBENTHOS IN LAKE ARLINGTON, TEXAS ...Animal Succession, Arthropods, Ecological Effects, Lakes, Range Or Territorial Distr., Texas, ...2.1724

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling, Contamination - Water, Data Acquisition, Electric Power Plants, Environmental Physiology, Lakes, Organic Properties, Physical Effects, Reservoirs and Impoundments, Spawn Or Nesting Sites, Temperature (water), Water Quality -general, ...2.1725

THERMAL STUDY IN WILKES RESERVOIR ...Aquatic Ecology - Animal, Contamination - Water, Electric Power Plants, Reservoirs and Impoundments, ...2.1728

STUDY OF TEMPERATURE EFFECTS IN COOLING WATER BODIES ...Aquatic Ecology - Animal, Aquatic Plants -nonspecific, Bays, Ecological Effects, Lakes, Plant Freshwater Ecology, Temperature (water), ...2.1734

THE RELATIONSHIP OF ELECTRIC POWER STATION THERMAL CIRCULATION TO BIOLOGICAL PRODUCTIVITY OF RESERVOIRS ...Algal Physiology, Degradation -see Pesticide Deg, Energy Conversion, Fish, Heat Recovery, Industrial, Induced Temperature, Organic Water Properties, Phytoplankton, Primary Productivity - Plants, ...2.1736

A MATHEMATICAL ANAYSIS OF THERMAL POLLUTION OF LAKES AND ESTUARIES ...Atomic Plants, Environmental Aspects, Estuaries, Lakes, Water Pollution Effects, ...2.1739

PROBLEMS RELATED TO THE EFFECTS OF HEATED DISCHARGES FROM THERMAL POWER PLANTS ...Administrative Organizations, Energy Conversion, Generators, Heat Recovery, Industrial, Power Plants -see Specifics, ...2.1740

THE EFFECT OF HEATED WASTE WATERS UPON MICROBIAL COMMUNITIES - Algae -nonspecific, Ecological Effects, Energy Conversion, Management (water), Protozoa, 2.1743

SIMULATION MODELING OF THERMAL EFFECTS ON SELECTED RIVER SYSTEMS - Atomic Plants, Development of Models, Energy Conversion, Illinois River, Model Studies, River Basins, Water Pollution Effects, 2.1754

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON - Aquatic Ecology - Animal, Atomic Plants, Conflicts, Ecological Effects, Electric Power Plants, Environmental Geology, Nuclear Power, Pollution Effects -see Water, Synoptic Weather Observations, 2.1755

EFFECT OF REACTOR EFFLUENT OF QUALITY OF COLUMBIA RIVER WATER - Atomic Plants, Columbia River, Dyes, Electric Power Plants, Filtration, Model Studies, Power Plants - see Specifics, Radioisotopes, Simulation Theory, Water Pollution Sources, 2.1756

HYDRO-ENVIRONMENTAL EVALUATION OF NUCLEAR POWER PLANTS - Atomic Plants, Electric Power Plants, Energy Conversion, Survey Studies (water), 2.1757

EFFECTS OF MODIFICATIONS ON THE COLUMBIA RIVER - Animal Productivity, Benthic Fauna, Commercial Fishing, Electric Power Plants, Environmental Ecology, Salmo Gairdneri, 2.1758

SIMULATION MODELING OF ENVIRONMENTAL EFFECTS OF THERMAL GENERATION - Atomic Plants, Columbia River, Electric Power Plants, Environment, Great Lakes -see Specific Lake, Model Studies, Simulation Theory, 2.1759

REGIONAL MODELING OF SURFACE WATER TEMPERATURES FROM PROJECTED POWER GROWTH - Atomic Plants, Computer Models, Forecasting - Prediction, Mississippi River, River Basins, 2.1760

FISH BEHAVIOR AND PHYSIOLOGY - Animal Migration, Behavior -vertebrate, Engineering Structures-general, Environmental Physiology, Fish & Shellfish Biology, Motivation and Instinct, Pollution Effects -see Water, Sensory & Perceptual Processes, 2.1761

COASTAL AND ESTUARINE RESOURCE DEVELOPMENT - Animal Productivity, Clams, Contamination - Water, Electric Power Plants, Environment Resistance-animals, Fish and Shellfish, Heat Recovery, Industrial, Ostreidae (oyster), Temperature (water), 2.1762

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS - Animal Life History Studies, Chemical Industry, Commercial Fishing, Electric Power Plants, Environmental Ecology, Estuaries, Forecasting - Prediction, Marine Animals, Pulp and Paper Wastes, Temperature (water), Water Properties-general, 2.1763

PHYSIOLOGY AND ECOLOGY OF MARINE DIATOMS - Biological Effects, Diatoms (see Also Algae), Marine Plants, Phytoplankton, Salinity, Taxonomy-plant, 2.1767

MICRO-ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER - Acid Mine Drainage, Acidity (water), Forecasting - Prediction, Induced Temperature, Lower Plants, Phytoplankton, Primary Productivity - Plants, 2.1772

ECOLOGICAL RESPONSES OF FISHES AND FISH-FOOD ORGANISMS TO HEATED EFFLUENT - CASE STUDY OF LAKE MONONA, WISCONSIN - Animal Predation, Electric Power Plants, Environmental Ecology, Lepomis/dae, Temperature (water), 2.1780

THE AQUATIC ENVIRONMENT AND ELECTRICAL POWER GENERATION - Animal Behavioral Ecology, Aquatic Ecology - Animal, Ecological Effects, Energy Conversion, Great Lakes -see Specific Lake, Reactor Sites & Rad Waste, Temperature (water), 2.1781

PHYSIOLOGICAL RESPONSES TO THERMAL POLLUTION - Contamination - Water, Cyprinus Carpio, Energy Conversion, Environmental Physiology, Physiological Effects, Temperature (water), Urine, 2.1782

PHYSIOLOGICAL EFFECTS OF THERMAL POLLUTION ON TROUT - Contamination - Water, Environmental Physiology, Physiological Effects, Salmonidae, Temperature (water), 2.1784

MEASUREMENT AND MANAGEMENT ASPECTS OF WATER TOXICOLOGY - Analysis and Detection, Biological Effects, Chemical Analysis (water), Food Contamination, Plant Food Chains, Training Grants, Fellowships, 2.1793

WORKSHOP ON RESEARCH PROBLEMS IN AIR AND WATER POLLUTION - Air Pollution Effects, Eutrophication, Meetings, Upper Atmospheric Chemistry, Water Pollution Effects, 2.1800

ENVIRONMENT AND TECHNOLOGY ASSESSMENT - Aquatic Soils, Costs -see Economics Entries, Government -see Federal Gov., Social Aspects, Water Pollution -see Specifics, 2.1812

MANAGEMENT ASPECTS OF THERMAL POLLUTION CONTROL - Biological Effects, Effluents - Waste Water, Electric Power Plants, Energy Conversion, Environmental Geology, Outlets, 2.1847

SUPPORT OF TWO RESEARCH VESSELS - Biological Water Properties, Core Analysis, Great Lakes -see Specific Lake, Physical Water Properties, Research Facilities, 2.1851

COORDINATING THE EFFORTS OF PARTICIPATING AGENCIES IN A STUDY OF ENVIRONMENTAL EFFECTS OF WARM WATER DISCHARGES INTO THE MISSOURI RIVER - Biological Effects, Environment, Management (water), Missouri River, 2.1865

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS - Administrative Organizations, Delaware River, Effluents - Waste Water, Estuaries, Industrial Wastes, Sedimentation, Waste Disposal-see Solid Waste, Water Resources Development, Water Utilization -general, 2.1903

ANALYSIS OF ENGINEERING ALTERNATIVES FOR ENVIRONMENTAL PROTECTION FROM THERMAL DISCHARGES - Ecological Effects, Electric Power Plants, Energy Conversion, Power Plants -see Specifics, Social Aspects, Water Resources Planning, 2.1927

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES - Administrative Organizations, Demand and Use - recreation, Electric Power Plants, Estuaries, Generators, Harbors, Legal Studies, Power Plants -see Specifics, Recreation, Outdoor, Regional Economics, Social Aspects, Water Pollution Effects, 2.1929

ENVIRONMENTAL QUALITY STUDY PROJECT - ENVIRONMENTAL INFORMATION PROCESSING, STORAGE, AND RETRIEVAL - Applied Climatology, Chemical Water Properties, Data Reduction and Analysis, Electric Power Plants, Information Science, Information Systems, Water Pollution Sources, 5.0072

Toxic Minerals

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES - Acidity (water), Ceramics, Construction Materials, Eragrostis, Forest Recreation, Kentucky, Mine Wastes, Rehabilitation -streams - lakes, Sediments, Soil Chemical Properties, Soil pH, Soil Water Plant Relationships, Strip Mines, 2.0159

STUDIES OF COPPER TAILINGS - Algae - Cyanophyta, Copper, Drainage, Lakes, Mine Wastes, Spoil Banks, 2.0290

PHOSPHATE MINING EFFLUENT IN ESTUARINE ECOLOGY - Amphibious Plants, Contamination - Water, Ecological Effects, Estuaries, Mining Industry, Phosphorus and Phosphorus Cpds, Pollution Effects -see Water, 2.0292

HEAVY METAL RESIDUES IN CHANNEL CATFISH FROM SELECTED WATERSHEDS IN NEBRASKA - Aquatic Ecology - Animal, Contamination - Water, Lead, Nebraska, Watersheds, 2.0664

WATER GEOCHEMISTRY OF MINING AND MILLING RETENTION PONDS IN THE NEW LEAD BELT OF SE MISSOURI - Acid Mine Wastes, Atomic Absorption, Lead, Mineralogy, Ore Deposits, Pond, Precipitation, Waste Water Treatment -general, X-ray Spectroscopy, 2.1322

BIOLOGY OF AQUATIC HETEROTROPHIC BACTERIA AS AFFECTED BY PHOSPHATE MINING IN AN ESTUARY - Bacterial Ecology, Contamination - Water, Estuaries, Fish, Forecasting - Prediction, Mineralogical Water Properties, North Carolina, Phosphorus and Phosphorus Cpds, Recreation, Water Resources, Salinity (water), Sewage, Temperature (water), Water Pollution Sources, 2.1662

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION - Animal Pharmacology, Catostomidae, Effluents - Waste Water, Manganese, Mining Industry, Pollution Effects -see Water, Sediments, Water Purification, 2.1746

PLANNING AND SPECIAL STUDIES - Aeration (water), Meetings, Nitrogen and Nitrogen Cpds, Water Quality -general, Water Resources Planning, 2.1802

TREATMENT OF TAILINGS TO ENHANCE PLANT GROWTH AND PROMOTE STABILIZATION OF TAILINGS - Bibliography, Lead, Mine Wastes, Mining Industry, Soil Amendments, Zinc, 3.0043

Viral Pollutant Sources

PRODUCTION AND DISPERSAL OF PATHOGENIC BACTERIAL AND VIRAL AEROSOLS BY AERATION OF CON-

TAMINATED WATERS ...Aeration (water), Aerosols, Bacteriophage, Farm Animal Wastes, Statistics, Waste Water Treatment -general, Water Pollution -see Specifics, ...1.0043

ENTERIC VIRUS SURVIVAL IN ESTUARINE WATERS ...Estuaries, Food Contamination, Safety - Recreation, Temperature & Humidity Effects, Viruses - Animal, Water Pollution -see Specifics, ...1.0062

VIRAL CONTAMINATION ...Estuaries, Marine Animals, Ostreidae (oyster), Pollution Effects -see Water, ...2.0184

VIROLOGICAL METHODS RESEARCH IN WATERS ...Estuaries, Food Contamination, Safety - Recreation, Water Pollution -see Specifics, ...2.0463

VIROLOGICAL METHODS RESEARCH IN WATERS ...Food Contamination, Recreation, Water Resources, Safety - Recreation, Viruses - Animal, Water Pollution -see Specifics, Water Reuse, ...2.0467

PLAQUING AND FLUORESCENT ANTIBODY METHODS FOR DETECTION AND IDENTIFICATION OF ENTEROVIRUSES ...Water Pollutant Identification, ...2.0476

COLIBACTERIOPHAGES AS VIRUS INDICATORS IN WATER AND WASTEWATER ...Aerobacter Aerogenes, Bacterial Identification, Bacterial Population Surveys, Bacteriophage, Effluents - Waste Water, Escherichia Coli, Water Pollutant Identification, ...2.0589

DETECTION AND ENUMERATION OF VIRUS IN NATURAL WATERS ...Water Pollutant Identification, Water Quality Control -general, ...2.0671

THE GAUZE PAD METHOD FOR THE ISOLATION OF VIRUSES FROM INLAND AND ESTUARINE WATERS ...Bacterial Pollutant Sources, Coliforms - nonspecific, Estuaries, Streptococcus Fecalis, Water Pollutant Identification, ...2.0774

SIGNIFICANCE OF THE FECAL STREPTOCOCCI, COLIFORM BACTERIA AND COLIPHAGE IN RELATIONSHIP TO ENTERIC VIRUS POLLUTION IN SEWAGE AND RIVERS ...Bacterial Pollutant Sources, Bacteriophage, Rhode Island, Streptococcus Fecalis, Viruses - Animal, Water Pollutant Identification, ...2.0780

STUDY OF GROWING AREA STANDARD BY EXAMINING ENTEROPATHOGENS AND INDICATOR LEVELS ...Bacterial Population Surveys, Digestive System - Human, Food Contamination, Mollusca, Salmonella -nonspecific & -ot., Sewage Bacteria, Water Pollutant Identification, ...2.0785

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN WATERS AND SHELLFISH ...Digestive System - Human, Massachusetts, Water Pollutant Identification, Wisconsin, ...2.0786

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN DRINKING WATER ...Food Contamination, Muridae, New England Province, Potable Water, Water Pollution -see Specifics, Water Supply -general, ...2.0787

VIRUSES IN SURFACE WATERS -DEVELOPMENT AND APPLICATION OF NEW CONCENTRATION METHODS ...Viruses - Animal, Water Pollution -see Specifics, ...2.0821

DEVELOPMENT OF METHODS FOR ISOLATION AND ENUMERATION OF VIRUS FROM WATER ...Adsorption, Electrochemistry, Filtration, Pilot Plants, Precipitation, Safety - Recreation, Viruses - Animal, Water Pollution -see Specifics, ...2.0836

EFFECTS OF CHEMICAL IONS ON VIRUS INACTIVATION ...Ion Exchange, Tertiary Treatment, Virus, Waste Water Treatment -general, ...2.0900

STUDIES CONCERNING THE EFFECTIVENESS, STABILITY AND RELIABILITY OF GERMICIDAL COMPOUNDS ...Biochemical Analysis - Tissues, Disinfectants & Antiseptics Nec, Field Water Purification, Pesticide Evaluation, Sanitation, ...2.0929

DESTRUCTION OF INFECTIOUS VIRAL NUCLEIC ACID BY IODINE ...Chemical Treatment (water), Food Contamination, Iodine, Phenols, Viruses - Animal, Water Pollution -see Specifics, ...2.0930

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chemical Analysis (water), Chlorination, Chlorine, District of Columbia, Potomac River, Water Pollution -see Specifics, ...2.0941

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chlorination, Chlorine, Disinfection, Feces, Potable Water, Viruses - Animal, Water Supply -general, ...2.0942

VIRUS REMOVAL-WATER AND WASTEWATER ...Bacteriophage, Carbon, Chlorination, Flocculation, Ion Exchange, Virus, Waste Water Treatment -general, ...2.0946

DEVELOPMENT OF METHODOLOGY FOR ISOLATION OF VIRUSES FROM WATER ...Adsorption, Ionic Effect, Kinetics, Spectrographic Techniques, Viruses - Animal, Water Pollution -see Specifics, ...2.0954

ENTERIC VIRUS SURVIVAL IN AQUEOUS ENVIRONMENTS ...Estuaries, Food Contamination, Potable Water, Recreation, Water Resources, Safety - Recreation, Viruses - Animal, Water Pollution -see Specifics, ...2.1145

ENTERIC VIRUS REMOVAL FROM SEWAGE STABILIZATION PONDS ...Model Studies, Pilot Plants, Pond, Sewage Lagoons, Sewage Treatment Plant, Waste Water Treatment -general, ...2.1167

A FEASIBILITY STUDY OF ULTRAFILTRATION AND ELECTROPHORETIC DIALYSIS FOR RECOVERY OF VIRUSES IN WASTE AND OTHER WATERS ...Electrodialysis, Filters-filtration, Reverse Osmosis, Virus, Viruses - Animal, Water Pollution -see Specifics, ...2.1281

DEMONSTRATION OF THE CHANNEL AERATION PROCESS IN TREATMENT OF SEWAGE ...Aeration (water), Aquatic Plants -nonspecific, Effluents - Waste Water, Nutrients, Sewage, ...2.1310

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources, Bacteriophage, Clams, Effluent-standards, Estuaries, Ostreidae (oyster), Pseudomonas, Sewage Treatment Plant, Streptococcus Fecalis, Water Pollutant Identification, Water Quality -general, ...2.1331

ADSORPTION OF VIRUS-SIZED PARTICLES IN POROUS MEDIA ...Artificial Recharge, Forecasting - Prediction, Groundwater Recharge -see Recha, Water Pollution -see Specifics, Water Supply Augmentation, ...2.1387

THE EFFECT OF POLLUTION ON THE DISTRIBUTION OF LPP PHYCO-VIRUSES IN RELATION TO POLLUTION OF THE CHRISTINA RIVER ...Acidity (water), Delaware, Mineralogical Water Properties, Nitrogen and Nitrogen Cpds, Phosphorus and Phosphorus Cpds, Water Quality -general, ...2.1532

MULTIPLE ENVIRONMENTAL STRESS STUDIES ...Alpha Particles, Chemical Carcinogenesis, Cricetus, Experimental Teratology, Fish, Lead, Muridae, Radiation Carcinogenesis, Radiation Injury Prevention, Temperature & Humidity Effects, Viruses - Animal, ...5.0371

Water Properties -general

DOMESTIC WASTE DISCHARGE INTO A SILT LADEN ESTUARY ...Alaska, Chemical Water Properties, Data Reduction and Analysis, Forecasting - Prediction, Silting (water) -see Sediment, Sub - Polar Regions, Water Pollution Sources, ...3.0012

PLANKTON COMMUNITY ECOLOGY IN NORTHERN CALIFORNIA LAKES ...Benthic Organisms -nonspecific, Energy Budgets, Forest Watersheds, Lower Plants, Nutrients, Plant Population Dynamics gen, Water Bacteria, Zooplankton, ...3.0033

ALGAE DEGRADATION IN WATERWAYS ...Algae -nonspecific, Algal Pollutant Sources, Contamination - Water, Environmental Influences, Light, ...3.0043

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff, Biological Effects, Computer Models, Forest Debris, Lakes, Nitrogen Cycle -see Denitrif., Productivity of Freshwater, Small Watersheds, Soil Fertility, Soil Tillage, Weathering Products, ...3.0087

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific, Biological Water Properties, Eutrophication, Indiana, Lakes, Organic Properties, Synoptic Weather Observations, Temperature - Air, Vertical Distribution, Water Stratification, ...3.0137

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water), Alkalinity (water), Chemical Water Properties, Drainage, Drainage Engineering, Mineralogical Water Properties, Pesticide Residues, Phosphorus and Phosphorus Cpds, Zea Mays - Field Corn, ...3.0149

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology, Benthic Organisms -nonspecific, Coliforms -nonspecific, Fish Food Organisms, Nutrients, Plankton, Survey Studies (water), ...3.0158

THE ROLE OF AQUATIC VASCULAR PLANTS IN THE EUTROPHICATION OF SELECTED LAKES IN WESTERN MASSACHUSETTS ...Absorption (incl Adsorption), Acidity (water), Alkalinity (water), Aquatic Plants -nonspecific, Eutrophication, Mineral Composition, Nitrogen and Nitrogen Cpds, Optical Properties of Water, Organic Water Properties, Phosphorus and Phosphorus Cpds, Plant Population Dynamics -gen, Scuba, Water Pollutant Identification, ...3.0178

NATURAL WATER SYSTEMS IN WESTERN MONTANA ...Aquatic Ecology - Animal; Chemical Water Properties; Montana; Plant Freshwater Ecology; ...2.0234

INVESTIGATION OF THE EUTROPHICATION PROCESS OF LAKE MCCONAUGHY, WESTERN NEBRASKA ...Eutrophication; Lakes; Literature Search; Nebraska; Nutrients; Survey Studies (water); ...2.0236

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

LIMNOLOGICAL INVESTIGATION OF ONEIDA LAKE ...Animal Predation; Aquatic Ecology - Animal; Cladocera; Eutrophication; New York; Percidae; Plankton Sampling; Primary Productivity - Plants; Zooplankton; ...2.0265

EUTROPHICATION AS A PROBLEM IN THE FINGER LAKES ...Acidity (water); Chlorophyll; Eutrophication; New York; Oxygen Content (water); Transparency; ...2.0267

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Coastal Engineering -general; Eutrophic Lakes; Eutrophication; General Recreation Studies; New York; Plant Productivity -general; Turbidity (water); Waves -see Ocean Waves; ...2.0271

CHANGES IN WATER QUALITY PARAMETERS OF RESERVOIRS DURING REGULATED FLOW CONDITIONS ...Acidity (water); Chemical Analysis (water); Eutrophication; Organic Matter; Tennessee; Water Bacteria; Water Quality -general; ...2.0369

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

REMOTE SENSING, EVERGLADES AREA, FLORIDA ...Aircraft Remote Sensing; Eutrophication; Florida; Plankton; Population Dynamics -general; Spectral Reflectance; Visible Light; ...2.0550

PREIMPOUNDMENT STUDY OF WATER QUALITY, SAYLORVILLE RESERVOIR DES MOINES RIVER, IOWA ...Data Networks; Iowa; Recreation, Water Resources; Types of Resources; Water Standards & Baselines; ...2.0585

LIMNOLOGICAL INVESTIGATIONS OF LAKE MEAD ...Chemical Water Properties; Lakes; Physical Water Properties; Water Pollution Effects; Water Quality -general; ...2.0667

A STUDY OF THE FACTORS DETERMINING THE OXYGEN UPTAKE OF BENTHAL STREAM DEPOSITS ...Acidity (water); Analysis and Detection; Exchange Capacity; Nitrogen and Nitrogen Cpds.; Nutrients; Size; ...2.0675

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Standards & Baselines; ...2.0701

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage; Alkalinity (water); Automatic Data Aquisition; Chemical Water Properties; Mine Drainage Control, Mineralogical Water Properties; Ohio; Zinc; ...2.0733

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Data Reduction and Analysis; Management (water); Oregon; Plant Freshwater Ecology; Survey Studies (water); Water Quality -general; Watersheds; ...2.0744

ORTHOKINETIC FLOCCULATION OF HETERODISPERSED SYSTEMS ...Flocculation; Kinetics; Water Chemistry; ...2.0875

LIMNOLOGY--NUTRIENT-BIOTIC RELATIONSHIPS IN THE UPLAKE REGION OF BEAVER RESERVOIR ...Animal Productivity; Benthic Organisms -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Plankton; Reservoirs and Impoundments; ...2.0961

ESTUARINE HYDROGRAPHY AND ITS ROLE IN TRANSPORT OF NATURALLY PRODUCED FOODS AND POLLUTANTS ...Effluents - Waste Water; Forecasting - Prediction; Nutrients; Water Movement -general; Water Quality -general; ...2.1000

DENITRIFICATION AS A PATHWAY FOR NITRATE REMOVAL IN RIVERS AND PONDS ...Carbon; Denitrification; Organic Water Properties; Population Dynamics -general; Temperature; ...2.1016

LIMESTONE DRUM PRODUCTIVITY STUDY-LIMNOLOGICAL STUDY ...Acidity (water); Benthic Fauna; Lakes; Limestone-general; Salmonidae; ...2.1132

RESEARCH IN LIMNOLOGY - INTERRELATIONS OF HYDROLOGY AND AQUATIC ECOLOGY ...Algae -nonspecific; Biological Water Properties; Circulation (water); Ecological Effects; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Physical Water Properties; Plant Freshwater Ecology; Soil Tillage; ...2.1494

LARGE IMPOUNDMENTS - PUEBLO RESERVOIR ...Arid and Desert Regions; Irrigation; Multiple Purpose Reservoirs; Rocky Mountain System; Water Quality -general; Water Supply -general; Water Utilization -industrial; ...2.1507

ECOLOGICAL AND LIMNOLOGICAL IMPACT OF THE CONSTRUCTION AND OPERATION OF PUMP-BACK STORAGE PROJECTS ...Circulation (water); Electric Power Plants; Environmental Aspects; Power Reservoirs; Temperature Or Heat Budgets; Western U. S.; ...2.1509

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Chlorine; Data Acquisition; Effluent-standards; Fish; Population Dynamics -general; Species Diversity Measurement; ...2.1577

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; Water Resources Protection; ...2.1581

RECOVERY FROM ACID POLLUTION IN FOUR STRIP-MINE LAKES ...Acid Mine Drainage; Animal Productivity; Biological Water Properties; Energy Budgets; Lake Stages; Physical Water Properties; Primary Productivity - Plants; Strip Mines; ...2.1617

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology - Animal; Embryology -basic; Environmental Physiology; Fish Food Supply -other; Micropterus Salmoides; Temperature (water); Water Pollution Effects; Water Quality -general; ...2.1649

DISTRIBUTION AND ECOLOGY OF RIVER MOLLUSKS IN CENTRAL AND WESTERN NORTH DAKOTA ...Animal Distribution; Atlantic Ocean; Chlorine; Mollusca; Paleontology; Pollution Effects -see Water; Water Pollution Effects; ...2.1667

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF JONES BAY ...Animal Habitat Studies; Bays; Construction Industry; Physical Water Properties; Texas; ...2.1726

THE EFFECTS OF ENGINEERING PROJECTS ON THE ECOLOGY OF MOSES LAKE ...Animal Habitat Studies; Censusing; Data Reduction and Analysis; Lakes; Pre-impoundment Sites; Sediments; Texas; ...2.1727

EFFECTS OF INDUSTRIAL EXPANSION ON THE AQUATIC ENVIRONMENT OF ESTUARINE AREAS ...Animal Life History Studies; Chemical Industry; Commercial Fishing; Electric Power Plants; Environmental Ecology; Estuaries; Forecasting - Prediction; Marine Animals; Pulp and Paper Wastes; Temperature (water); ...2.1763

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; Wisconsin; ...2.1778

SUPPORT OF TWO RESEARCH VESSELS ...Biological Water Properties; Core Analysis; Great Lakes -see Specific Lake; Physical Water Properties; Research Facilities; Thermal Pollution; ...2.1851

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Transfer; ...2.1870

ESTUARINE ECOSYSTEMS ...Animal Productivity; Aquatic Plants -nonspecific; Chemical Water Properties; Contamination - Water; Estuaries; Pesticide Aquatic Cycling; Pesticides -nonspecific; Physical Water Properties; Pollution Effects -see Water; Population Dynamics -general; ...4.0021

STUDIES ON THE ECOLOGICAL PHYSIOLOGY OF MIDWATER CRUSTACEANS ...Carbon; Crustacea; Invertebrate Physiology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Vertical Distribution; ...4.0570

Water Purification

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Analysis and Detection; Atomic Absorption; Contamination - Water; Lead; Mine Hydrology; Missouri; Pollution Effects -see Water; Water Pollution Effects; Zinc; ...2.0226

CONTROL OF POLLUTION FROM OUTBOARD ENGINES EXHAUST: A RECONNAISSANCE STUDY ...Air Cleaning Devices; Combustion; Gas Chromatography; Thin Layer Chromatography; ...2.0275

STATUS OF THERMAL POLLUTION AND RESEARCH NEEDS ...Bibliography; Chemical Water Properties; Hydraulics; Thermal Pollution; Water Quality Control -general; ...2.0371

AN INVESTIGATION OF FACTORS RELATIVE TO GROUNDWATER RECHARGE IN IDAHO ...Groundwater; Idaho; Natural Recharge; Waste Disposal-see Solid Waste; ...2.0572

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

UPPER DELAWARE WASTE ASSIMILATIVE CAPACITY MODEL ...Acidity (water); Biological Water Properties; Delaware River; New Jersey; Sewage - Domestic; Waste Disposal-see Solid Waste; ...2.0678

STUDIES ON AQUATIC MYXOBACTERIA ...Bacterial Classification; Bacterial Population Surveys; Degradation -see Pesticide Deg; Myxobacteria; Plant Habitat Studies; Water Bacteria; Water Pollution Sources; Water Quality -general; ...2.0748

THE VORTEX CHAMBER AS A GRIT REMOVAL DEVICE FOR WATER TREATMENT ...Fluid Mechanics; Pollutant Removal; Turbidity (water); Waste Treatment; ...2.0945

STUDY OF ASSIMILATIVE CAPACITY OF ARCTIC AND SUBARCTIC STREAMS ...Animal Habitat Studies; Degradation -see Pesticide Deg; Optical Properties of Water; Plant Habitat Studies; Sub - Polar Regions; Water Pollution Effects; ...2.0959

THE EFFECTS OF SUSPENDED SILTS AND CLAYS ON SELF-PURIFICATION IN NATURAL WATERS ...Adsorption Capacity, Cellular Catabolism-see Degrad; Sediments; Size; Suspension; Water Pollution Effects; ...2.0960

EFFECTS OF CONTAMINANTS ON REAERATION ...Aeration (water); Chemical Oxygen Demand; Illinois River; Management (water); Turbidity (water); ...2.1009

HYDRAULIC GEOMETRY AND LOW STREAMFLOW REGIMEN ...Dyes; Illinois; River Basins; Streams; ...2.1012

PHOTOSYNTHETIC REAERATION IN THE UPPER PASSAIC RIVER ...Aeration (water); Chemical Treatment (water); New Jersey; Oxygen Content (water); Photosynthesis; Streams & Rivers; ...2.1056

CONCENTRATION OF PHOSPHATES FROM INDUSTRIAL WASTES BY BLUE-GREEN ALGAE ...Algae - Cyanophyta; Algal Physiology; Estuaries; Marine Plants; Waste Water Treatment -general; ...2.1073

RESPIRATION OF AQUATIC MACROPHYTES IN EUTROPHIC SYSTEMS ...Algae -nonspecific; Aquatic Plants -nonspecific; Eutrophication; Mineral Nutrition; Oxygen Content (water); Primary Productivity - Plants; ...2.1088

BIOCHEMICAL OXIDATION OF HYDROCARBONS IN NATURAL WATERS ...Bacteria -nonspecific; Cellular Catabolism-see Degrad; Degradation -see Pesticide Deg; Organic Matter; ...2.1092

ECONOMIC DISPOSAL OF WASTE SLUDGES FROM WATER TREATMENT PLANTS ...Additives; Coagulation; Dewatering; Disposal; Electrochemistry; Filtration; Waste Treatment Economics; ...2.1121

TREATMENT AND DISPOSAL OF COMPLEX CHEMICAL WASTES ...Chemical Industry; Disposal Wastes; Injection Wells; Waste Disposal, Underground; Waste Treatment; ...2.1146

TECHNICAL, ECONOMIC & LEGAL ASPECTS IN THE EXCHANGE OF SEWAGE EFFLUENT FOR IRRIGATION WATER FOR MUNICIPAL USE (TUCSON) ...Agricultural Studies -general; Arizona; Legal Studies; Sewage; Water Utilization - domestic; ...2.1155

DRAIN DESIGN FOR NITRATE REDUCTION IN GROUND WATER ...California; Drainage Engineering; Nitrogen and Nitrogen Cpds.; Soil Organic Content; Water Table - Depth of; ...2.1171

WATER TREATMENT PLANT WASTES ...Disposal; Filtration; Ion Exchange; Waste Properties; Waste Water Treatment - general; Water Chemistry; ...2.1253

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Food Processing Industries; Gallus Domesticus; Infiltration; Nitrogen and Nitrogen Cpds.; Percolation (water); Phosphorus and Phosphorus Cpds; Soil Moisture; Sprinkler Irrigation; Water Quality -general; ...2.1287

STUDY OF COSTS OF TREATING TEXTILE WASTES IN MUNICIPAL AND INDUSTRIAL SEWAGE PLANTS ...Georgia; Process Design; Textile Industry; Urban Environment; Waste Water Treatment -general; ...2.1416

PILOT STUDIES IN THE RESTORATION OF THE PHYSICAL ENVIRONMENT OF A STREAM TO MAINTAIN A CLEAN WATER FLORA AND FAUNA ...Animal Productivity; Filtration; Pilot Plants; Rehabilitation -streams -lakes; Size; Water Quality Control -general; ...2.1462

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Aquatic Ecology - Animal; Atomic Absorption; Geochemical Analysis (water); Lead; Precipitation; Water Pollution Effects; Zinc; ...2.1626

TEMPERATURE REGIMEN IN TIDAL WATERS ...Aquatic Ecology - Animal; Biological Effects; Ecological Effects; Model Studies; Tides; ...2.1644

EFFECTS OF CHEMICALLY AND BIOLOGICALLY MODIFIED PULPING EFFLUENTS ON THE PRODUCTION OF FISH ...Animal Productivity; Effluents - Waste Water; Fish and Shellfish; Irrigation; Pollution Effects -see Water; Tides; ...2.1676

BACTERIAL ADSORPTION ON SOILS ...Adsorption; Bacterial Pollutant Sources; Forecasting - Prediction; Recharge (water); Soil Moisture; Water Pollutants - Path of; Water Wells; ...2.1737

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Catostomidae; Effluents - Waste Water; Manganese; Mining Industry; Pollution Effects -see Water; Sediments; Toxic Minerals; ...2.1746

THE RESPONSE OF LAKE SAMMAMISH LIMNOPLANKTON TO SEWAGE WASTE DIVERSION ...Acidity (water); Animal Productivity; Eutrophic Lakes; Model Studies; Nutrients; Physical Water Properties; Primary Productivity - Plants; Statistics; Washington; ...2.1768

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models; Industrial Wastes; Model Studies; Optimization, Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; ...2.1836

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

ECONOMICS OF WATER QUALITY CONTROL IN THE UPPER MISSISSIPPI RIVER (MINNESOTA) ...Benefit-cost Analysis; Disposal Wastes; Minnesota; Model Studies; Waste Treatment Economics; Water Resources Planning; ...2.1860

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Confidence Intervals; Digital Computer Applications; Hudson River; Monte Carlo Methods; Optimization Technique; River Basins; Systems Analysis; Waste Treatment Economics; ...2.1883

CHARACTERIZATION OF THE ACTIVATED SLUDGE PROCESS AT THE HYPERION TREATMENT PLANT ...Activated; California; Model Studies; Waste Water Treatment - general; ...3.0071

COMPUTER SIMULATION AND DESIGN OF TREATMENT INSTALLATIONS FOR DOMESTIC ...Mathematical Models; Process Design; Sewage - Domestic; Simulation Theory; Waste Treatment Economics; Water Quality Control -general; ...3.0088

THE CONSTRUCTION OF THE STORM DETENTION AND CHLORINATION STATION ...Chlorination; Combustible Filters; Filters-filtration; Massachusetts; Pumps; Sewage Bacteria; Storm Sewer Quantity; Waste Treatment Economics; ...3.0169

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water; Infiltration; Organic Water Properties; Pilot Plants; Safety -see Farm Safety; South Carolina; Waste Management -see Specific; ...3.0310

PILOT PLANT FOR UNDERWATER STORAGE OF COMBINED SEWER OVERFLOW ...Pumps; Runoff (water); Sewer Interceptor Station; Sewer Systems; ...3.0333

Water Quality -general

MEASURING PERFORMANCE IN PUBLIC PROGRAMS ...Air Pollution; Cost-benefit Analysis; Economic Projections- Forecast; Public Health; Technology - Social Impact; ...1.0442

ALABAMA ENVIRONMENTAL STUDY-CONFERENCE PROJECT ...Air Pollution; Government -see Federal Gov.; Planning; Water Conservation -general; ...1.0475

FOR SEMINARS AND STUDIES ON ENVIRONMENTAL ARTS AND SCIENCES, POPULATION GROWTH, URBANIZATION, POLLUTION, AND RELATED SUBJECTS ...Air Pollution -see Specifics; Environment; Environmental Geology; Technology - Social Impact; Urban Research; ...1.0478

STUDIES FOR A SURVEY OF ENVIRONMENTAL POLLUTION, CONDUCTED BY THE NEW YORK CITY SCIENCE AND TECHNOLOGY ADVISORY COUNCIL ...Air Pollution; Air Pollution -see Specifics; Consultants, Advisory Services; Urban Research -general; Water Pollution -see Specifics; ...1.0492

STUDIES PREPARATORY TO GLOBAL ENVIRONMENTAL MONITORING ...Air Pollution Monitoring; Environmental Geology; Meetings; Monitoring; Water Pollution Abatement; ...1.0717

MEASUREMENT OF AIR AND WATER QUALITY ...Air Pollution; Air Pollution Analysis; Water Pollutant Identification; ...1.0845

DISTRIBUTION OF ORGANICS FROM SALMON DECOMPOSITION ...Alaska; Carbon; Chemical Effects; Estuaries; Nitrogen; Organic Matter; Water Pollutants - Path of; ...2.0011

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

LIMNOLOGICAL, ICHTHYOLOGICAL, AND PARASITOLOGICAL INVESTIGATIONS ON ARKANSAS RESERVOIRS IN RELATION TO WATER QUALITY ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Fish Food Organisms; Lake Stages; Pathology; Plankton; Reservoirs and Impoundments; ...2.0021

THE GEOLOGY, HYDROLOGY AND CONTAMINATION OF SHALLOW COASTAL AQUIFERS IN THE ROCKINGHAM DISTRICT, WESTERN AUSTRALIA ...Aquifers; Australia; Coastlines - Shorelines; Geology -general; Soil Tillage; ...2.0026

WATER QUALITY AND NUTRIENTS, SACRAMENTO-SAN JOAQUIN RIVER SYSTEM ...Animal Productivity; California; Eutrophication; Fish; Nutrients; Organic Water Properties; Plankton; Tides; ...2.0041

INVESTIGATIONS OF MINERAL DEPOSITS THAT INFLUENCE WATER QUALITY ...Mine Drainage Control; Mineral Processing Industry; Runoff (water); Water Pollution Sources; Water Supply -general; ...2.0048

SMALL IMPOUNDMENTS - FOSS RESERVOIR ...Management (water); Mineralogical Water Properties; Reservoirs and Impoundments; Sediments; Turbidity (water); ...2.0073

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); ...2.0079

HYDROSPHERIC ENRICHMENT OF MERCURY STUDIED BY 203-HG-LABELLED ORGANIC COMPLEXES ...Analysis and Detection; Mercury; ...2.0095

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Table - Depth of; ...2.0096

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; ...2.0098

THE EFFECT OF URBAN LAND DEVELOPMENT ON WATER QUALITY ...Animal Habitat Studies; Energy Budgets; Evapotranspiration; Lakes; Management (water); Plant Habitat Studies; Population Dynamics -general; Soil Moisture; Urban Environment; Water Balance - Budget; ...2.0108

POLLUTION IN HAWAIIAN WATERSHEDS ...Bacterial Pollutant Sources; Biological Water Properties; Chemical Water Properties; Hawaii; Nutrients; Water Pollutant Identification; Water Pollution Effects; Water Pollution Sources; Watersheds; ...2.0118

BIOLOGICAL PRODUCTIVITY OF THE COEUR D'ALENE RIVER AS RELATED TO WATER QUALITY ...Animal Pharmacology; Bioassays; Contamination - Water; Data Reduction and Analysis; Industrial Wastes; Physical Water Properties; Pollution Effects -see Water; Primary Productivity - Plants; Sewage; ...2.0119

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AND SOILS AS RELATED TO IRRIGATION ...Agricultural Runoff; Biological Water Properties; Chemical Water Properties; Chlorine; Drainage; Fertilizers; Irrigation; Mineralogical Water Properties; Soil Chemical Properties; Temperature (water); ...2.0120

CHEMICAL AND BIOLOGICAL CONSTITUENTS IN NORTHWEST WATERS AS AFFECTED BY IRRIGATION ...Aquifers; Chemical Analysis (water); Fertilizers; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; ...2.0121

ALGAL GROWTH POTENTIAL OF ILLINOIS WATERS ...Algae -nonspecific; Illinois; Plant Productivity -general; Water Pollutant Identification; ...2.0128

EFFECT OF URBANIZATION ON WATER QUALITY ...Acidity (water); Chlorine; Kansas; Rainfall - Runoff Relationship; Urban Environment; Urban Runoff; ...2.0155

THRESHOLD ODOR DETERMINATIONS OF WATER SAMPLES FROM THE LOWER MISSISSIPPI RIVER ...Chemical Analysis (water); Chemical Water Properties; Mathematical Models; Mississippi River; Potable Water; Taste & Odor of Water; Water Pollutant Identification; ...2.0163

PHOSPHATE RETENTION BY LAKE SEDIMENTS AS A FACTOR IN THE EUTROPHICATION OF LAKES ...Chemical Properties; Effluents - Waste Water; Eutrophication; Geochemical Analysis (water); Land Use; Water Chemistry; ...2.0167

EUTROPHICATION STUDIES IN BOSTON HARBOR ...Algae - Chlorophyta; Eutrophication; Harbors; Massachusetts; Water Pollutant Identification; ...2.0179

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Storage; Water Table; Wetlands; ...2.0204

GEOLOGICAL FACTORS RELATING TO SURFACE AND GROUNDWATER POLLUTION ...Geology -general; Groundwater; Missouri; Sewage Lagoons; ...2.0224

EVALUATION OF SUBSURFACE MOVEMENT OF LEACHATES PRODUCED FROM SANITARY LANDFILLS ...Environmental Geology; Groundwater; Groundwater Movement; Leaching; Mathematical Models; Missouri; Sanitary Landfills; ...2.0228

NATURAL WATER SYSTEMS IN WESTERN MONTANA ...Aquatic Ecology - Animal; Chemical Water Properties; Montana; Plant Freshwater Ecology; Water Properties -general; ...2.0234

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Reuse; ...2.0237

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

ALGAL POPULATIONS RELATED TO WATER QUALITY IN LAKE CHAMPLAIN ...Aquatic Distribution; Environmental Influences; Lower Plants; Phosphorus and Phosphorus Cpds; Phytoplankton; Runoff (water); Taxonomy -plant; ...2.0274

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; Watersheds; ...2.0288

ROLE OF ANIMAL WASTES IN AGRICULTURAL LAND RUNOFF ...Agricultural Runoff; Agricultural Watersheds; Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Small Watersheds; Soil Tillage; ...2.0293

INFLUENCE OF WATER QUALITY IN MAINTAINING WHITENESS WHEN LAUNDERING WHITE FABRICS ...Bleaching, Coloring; Fibers; Home Economics; Materials -properties; Mineralogical Water Properties; Organic Matter; ...2.0297

STRIP-MINING AND WATER QUALITY ...Chemical Analysis (water); Mine Wastes; Ohio; Spoil Banks; Strip Mines; ...2.0304

STRIP-MINING AND WATER QUALITY ...Acidity (water); Chemical Analysis (water); Coal; Erosion; Mine Wastes; Rainfall Simulators; Spoil Banks; Thermal Poll. -see Water Poll.; ...2.0309

CHEMISTRY OF MINERALIZED WATERS ...Arsenic; Bromine; Chlorine; Fluorine; Geology -general; Iodine; Origin; ...2.0311

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Radiochemical Analysis; Soil Chemical Properties; Water Pollutants - Path of; ...2.0314

SUBSURFACE WATER POLLUTION FROM SANITARY LANDFILLS IN CARBONATE ROCK TERRAIN ...Biochemical Oxygen Demand; Carbonates; Chemical Properties; Contamination; Eastern U. S.; Landfill; Leaching; Pennsylvania; Sanitary Landfills; Soil Chemical Properties; Water Pollution Abatement; ...2.0348

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...2.0349

GROUNDWATER QUALITY AND THE HYDROLOGIC BUDGET IN A VALLEY UNDERLAIN BY CARBONATE ROCKS ...Carbonates; Groundwater; Mineralogy; Soil Tillage; ...2.0350

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conser.; Erosion; Forest Watersheds; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; ...2.0351

HYDROGEOLOGY OF A WELL FIELD ...Connecticut; Flow Characteristics (water); Geology -general; Soil Tillage; Water Resources Planning; Water Wells; ...2.0367

CHANGES IN WATER QUALITY PARAMETERS OF RESERVOIRS DURING REGULATED FLOW CONDITIONS ...Acidity (water); Chemical Analysis (water); Eutrophication; Organic Matter; Tennessee; Water Bacteria; ...2.0369

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity - general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

VARIATION OF URBAN RUNOFF QUALITY WITH DURATION AND INTENSITY OF STORMS ...Atmosphere Disturbance; Biochemical Oxygen Demand; Chemical Oxygen Demand; Nitrogen and Nitrogen Cpds.; Precipitation Gages; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; ...2.0385

URBAN GEOLOGY OF HILLSBORO, TEXAS ...Environmental Geology; Floods; Geologic Maps; Texas; Urban Environment; Urban Research -general; Waste Disposal, Underground; ...2.0389

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; ...2.0395

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties; Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of; Water Pollution Sources; ...2.0400

THE KINETICS AND ENERGETICS OF ADSORPTION AND DESORPTION OF PHOSPATE FROM SOIL MINERALS ...Mineralogy; ...2.0401

AN EVALUATION OF THE PRODUCTIVITY CHANGES ASSOCIATED WITH LIMING OF SHERWOOD LAKE, WEST VIRGINIA ...Animal Productivity; Fish; Lime Treatment; Mineralogical Water Properties; Population Dynamics -general; West Virginia; ...2.0410

GEOCHEMICAL BEHAVIOR OF IRON AND MANGANESE IN A RESERVOIR (LAKE LYNN, WEST VIRGINIA) FED BY STREAMS CONTAINING ACID MINE DRAINAGE ...Acid Mine Wastes, Analysis and Detection; Geochemical Analysis (water); Precipitation; Sediments; Stratification (water); West Virginia; ...2.0431

EFFECTS OF SOUTH SHORE DRAINAGE BASINS AND CLAY EROSION ON THE PHYSICAL AND CHEMICAL LIMNOLOGY OF WESTERN LAKE SUPERIOR. ...Chemical Analysis (water); Clay Soils; Facies; Lake Superior; Pleistocene Epoch; ...2.0459

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological Water Properties; Construction Land Use Effects; Environmental Ecology; Geological Exploration; Lakes; Marine Biology - General; Sea Ice; Water Standards & Baselines; ...2.0470

THE QUALITY OF ARIZONA WATERS WITH PARTICULAR REFERENCE TO FLUORIDES ...Arizona; Chemical Analysis (water); Fluorine; Water Wells; ...2.0474

DIGITAL SYSTEMS FOR ON-SITE DATA COLLECTION FOR WATER QUALITY ANALYSIS ...Automatic Data Aquisition; Data Acquisition Systems; Data Networks; Data Transmission Systems; Digital Computers; Instrument Services; ...2.0481

TASTES AND ODORS IN WATER SUPPLIES ...Actinomycetes - nonspecific; Algal Pollutant Sources; Nitrogen and Nitrogen Cpds.; Potable Water; Taste & Odor of Water; Water Pollution - see Specifics; ...2.0486

A METHOD FOR ASSESSING THE EXTENT OF POLLUTION FROM STORMWATER RUNOFF FROM AN URBAN AREA ...Benefit-cost Analysis; Sewer Systems; Storm Sewer Quantity; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0490

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

RIVER BASIN STUDY ...Arkansas River; Data Acquisition; River Basins; ...2.0512

FIELD RESEARCH LABORATORY (MOBILE LABORATORY) ...Analysis and Detection; Chemical Analysis (water); Research Facilities; ...2.0517

WATER QUALITY MANAGEMENT DECISIONS IN COLORADO ...Administrative Organizations; Colorado; Law Enforcement; Management (water); Water Pollutant Identification; Water Resources Planning; Water Standards & Baselines; ...2.0520

GEOCHRONOLOGY, C-14 METHOD ...Carbon - 14 Dating; Groundwater; Paleoclimatology; Sea Level Changes; Tectonics; ...2.0534

HYDROLOGY, USDI ...Automatic Data Aquisition; Data Networks; Estuaries; Glaciology; Man Machine Systems; Remote Sensing; Soil Tillage; ...2.0539

TAXONOMY AND ECOLOGY OF INSHORE MARINE MICROBIOTA ...Algae -nonspecific; Aquatic Ecology - Animal; Brazil; Florida; Marine Plants; Plant Distribution; Plant Population Dynamics -gen; Protozoa; Taxonomy -plant; ...2.0542

PRODUCTIVITY AND MINERAL CYCLING ON NATURAL AND MANIPULATED ECOSYSTEMS ...Analysis of Ecosystems; Forest Watersheds; Nutrients; Plant Succession; Productivity of Terrestrial; ...2.0551

TRACE ELEMENT ANALYSIS BY DIRECT DETERMINATION ON ION EXCHANGE RESINS ...Analysis and Detection; Ion Exchange; Salt Water; X-ray Spectroscopy; ...2.0554

PREDICTION MODELS FOR WATER QUALITY PARAMETERS ...Forecasting - Prediction; Operations Research; River Basins; Systems Analysis - Water Mgmt; Water Standards & Baselines; ...2.0556

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Estuaries; Geology -general; River Basins; Soil Tillage; Water Depth, Water Levels; Water Table; Wind; ...2.0558

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo.; Chemical Analysis (water); Environmental Geology; Hydrographs; Land Use; Soil Tillage; Water Table; Water Wells; ...2.0570

AN INVESTIGATION OF FACTORS INFLUENCING WATER QUALITY IN SOUTH FORK, COEUR D'ALENE RIVER ...Idaho; Water Pollutant Identification; Water Pollution Sources; ...2.0573

SAND AND GRAVEL AQUIFERS OF NORTHEASTERN ILLINOIS ...Aquifers; Artificial Recharge; Illinois; Size; Surficial Geology Studies; Water Resources Development; ...2.0579

METHODS IN SPECTROGRAPHIC ANALYSIS OF SOILS & PLANTS FOR MINOR ELEMENTS ...Animal Migration; Atomic Absorption; Drainage; Emission Spectroscopy; Fluorometry; Soil Analysis; X-ray Spectroscopy; ...2.0580

HYDROLOGY AND WATER QUALITY OF SURFACE MINING FOR COAL IN PIKE COUNTY, INDIANA ...Automatic Data Aquisition; Coal; Indiana; Mining Industry; Soil Tillage; Strip Mines; ...2.0582

WATER POLLUTION STUDY OF THE WABASH RIVER ...Data Acquisition; Indiana; Industrial Wastes; Model Studies; Urban Environment; Wabash River; Water Pollution Sources; ...2.0583

PREIMPOUNDMENT STUDY OF WATER QUALITY, SAYLORVILLE RESERVOIR DES MOINES RIVER, IOWA ...Data Networks; Iowa; Recreation, Water Resources; Types of Resources; Water Properties -general; Water Standards & Baselines; ...2.0585

PARTITION COEFFICIENTS FOR FE, MN, CO, NI, ZN, CU, BETWEEN RIVER WATER AND SUSPENDED LOAD ...Dissolved Load; Mineral Analysis; Sediments; Trace Element Analysis; Water Standards & Baselines; ...2.0590

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

WATER RESOURCES OF THE BOWLING GREEN AREA, KENTUCKY ...Aquifers; Cooperative Studies; Floods; Groundwater Movement; Land Use; Water Resources Planning; Water Supply -general; ...2.0602

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection; Chemical Water Properties; Electrochemistry; Lead; Physical Water Properties; Trace Elements; Water Distribution Systems; Zinc; ...2.0623

RESEARCH ON THE MACROBENTHOS OF THE GREAT LAKES ...Annelida; Benthic Fauna; Fish Food Organisms; Lake Erie; Lakes; Population Dynamics -general; Water Pollutant Identification; ...2.0624

ECOLOGICAL MONITORING OF STREAM SYSTEMS ...Aquatic Ecology - Animal; Benthic Fauna; Channels, Physical Models; Water Pollutant Identification; ...2.0629

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

STUDIES ON ALGAE FROM EUTROPHIC AND OLIGOTROPHIC WATER AND THEIR USE IN BIO-ASSAY OF WATER QUALITY ...Algae -nonspecific; Bioassays; Chemical Analysis (water); Eutrophication; Fertilizers -aquatic; Nutrients; Ponds; Water Pollutant Identification; ...2.0636

ZOOPLANKTON BIOMASS AND INCIPIENT EUTROPHICATION IN LAKE SUPERIOR ...Animal Productivity; Eutrophic Lakes; Eutrophication; Plankton Sampling; Taxonomy -animal; ...2.0642

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins, Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Watersheds; ...2.0646

MAYFLY DISTRIBUTION AS A WATER QUALITY INDEX ...Animal Habitat Studies; Animal Productivity; Environmental Ecology; Mississippi River; Range Or Territorial Distr.; Turbidity (water); ...2.0648

WATER RESOURCES OF COPIAH COUNTY ...Aquifers; Chemical Analysis (water); Geophysical Analysis; Groundwater; Groundwater Basins; Mississippi; Water Table; ...2.0649

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; Water Standards & Baselines; ...2.0658

WATER QUALITY OF THE NORTH, SALT, AND CUIVRE RIVER BASINS ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Missouri; Physical Water Properties; Taxonomy -animal; ...2.0659

A PROPOSAL TO DEVELOP A PLAN FOR THE CONSTRUCTION AND TESTING OF WATER POLLUTION FORECASTING MODELS ...Forecasting - Prediction; Mathematical Models; Water Costs; Water Quality Control -general; Water Supply - general; ...2.0660

TESTACEA (PROTOZOA - SARCODINA) AS INDICATORS OF WATER QUALITY IN WESTERN MONTANA ...Animal Habitat Studies; Bottom Sampling; Periphyton; Protozoa; ...2.0662

UTILIZATION OF THE STORAGE POTENTIAL OF RIVER VALLEY AQUIFERS ...Aquifers; Data Reduction and Analysis; Infiltration; Nebraska; Recharge (water); River Basins; Water Storage; ...2.0665

LIMNOLOGICAL INVESTIGATIONS OF LAKE MEAD ...Chemical Water Properties; Lakes; Physical Water Properties; Water Pollution Effects; ...2.0667

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; Water Supply -general; ...2.0670

CONFERENCE ON POLLUTION OF ESTUARIES ...Estuaries; Mans Pollutional Activities; Meetings; Water Quality Control - general; ...2.0672

TIDAL DISCHARGE RESEARCH, NEW JERSEY ...Data Acquisition; Estuaries; New Jersey; Suspension; ...2.0682

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Agricultural Runoff; Chemical Analysis; D, 2,4-; Erosion; Infiltration; Lysimeters; Mathematical Models; Pesticide Movement in Soils; Pesticide Residues Removal; Picloram; Soil Chemical Properties, Soil Moisture; Water Pollutants - Path of; ...2.0683

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Bioassays; Coliforms -nonspecific; Data Reduction and Analysis; Microorganisms -nonspecific; New Mexico; Rumen Bacteria; Water Pollution -see Specifics; Water Utilization -domestic; ...2.0684

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; Land Use; New York; Plants - Dicotyledons; Sediment Properties; Taxonomy -plant; ...2.0687

FEASIBILITY OF A MOBILE SUBMERSIBLE FOR USE IN CONTROL, MANAGEMENT, STUDY OF NATURAL PROCESSES, PROTECTION & CONSERVATION OF INLAND WATEKS ...Lakes; Marine Biology - General; Marine Geology; Thermal Pollution; Water Conservation -general; ...2.0688

MODELING THE FUNCTIONAL RELATIONSHIPS WITHIN SALT MARSH EPIPHYTIC COMMUNITIES ...Animal Habitat Studies; Boat Discharges; Forecasting - Prediction; Mathematical Models; New York; Swamps - Marshes; Water Bacteria; Waterfowl -nonspecific; ...2.0693

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling; Types of Resources; ...2.0703

BIOLOGICAL MONITORING. ...Animal Habitat Studies; Contamination - Water; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Water Pollutant Identification; ...2.0711

AUTOMATED FORECAST PROCEDURES FOR RIVER QUALITY MANAGEMENT ...Automatic Data Aquisition; Forecasting - Prediction; Mathematical Models; Ohio River; Storm Water; ...2.0714

IDENTIFICATION OF INDICATOR ORGANISMS FOR EVALUATION OF WATER QUALITY ...Bacterial Pollutant Sources; Bottom Sampling; General Recreation Studies; Sanitation; Water Pollutant Identification; ...2.0716

A SYSTEMS ANALYSIS OF THE WESTERN BASIN OF LAKE ERIE ...Aquatic Ecology - Animal; Demand and Use -recreation; Economic Impact; Lakes; Pollution Effects -see Water; Regional Economics; Urban Environment; Waste Water Treatment - general; ...2.0721

A STUDY OF BIOLOGICAL SYSTEMS IN THE SCIOTO RIVER AS INDICES TO WATER QUALITY ...Alkalinity (water);

Animal Productivity; Chemical Water Properties; Ohio; Physical Water Properties, River Basins; Systems Analysis - Water Mgmt; Taxonomy -plant; Water Pollutant Identification; ...2.0722

EFFECT OF IMPOUNDMENTS ON WATER QUALITY ...Algal Pollutant Sources; Data Reduction and Analysis; Nutrients; Pre-impoundment Sites; Reservoirs and Impoundments; ...2.0735

TIDAL FLATS IN ESTUARINE WATER QUALITY ...Estuaries; Mathematical Models; Tidewater Areas; ...2.0739

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Data Reduction and Analysis; Management (water); Oregon; Plant Freshwater Ecology; Survey Studies (water); Watersheds; ...2.0744

STUDY OF AN UNSPOILED ESTUARY ...Bays; Management (water); Tides; Water Supply Development; ...2.0745

PHYSIOLOGICAL ECOLOGY OF BENTHIC ALGAL COMMUNITIES IN STREAMS AND ESTUARIES OF OREGON ...Algae -nonspecific; Aquatic Distribution; Benthic Flora; Brackish Water; Diatoms (see Also Algae); Estuaries; Marine Plants; Oregon; Plant Physiological Ecology; Plant Species Diversity; Salinity (water); Taxonomy -plant; Water Pollutant Identification; ...2.0747

STUDIES ON AQUATIC MYXOBACTERIA ...Bacterial Classification; Bacterial Population Surveys; Degradation -see Pesticide Deg; Myxobacteria; Plant Habitat Studies; Water Bacteria; Water Pollution Sources; ...2.0748

PREDICTION OF WATER QUALITY CHANGE IN A STREAM DUE TO HIGHWAY CONSTRUCTION ON THE DRAINAGE BASIN ...Construction Sites; Forecasting - Prediction; Highway Sites -see Roads; Precipitation; Soil Moisture; ...2.0754

UPPER DELAWARE RIVER PLANKTON STUDY ...Delaware River; Diatoms (see Also Algae); Environmental Influences; Plankton; Plankton Sampling; Survey Studies (water); Taste & Odor of Water; ...2.0755

BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL ...Aerobic Bacteria; Bacterial Pollutant Sources; Delaware Bay; Forecasting - Prediction; Recreation, Water Resources; Water Pollution -see Specifics; Water Standards & Baselines; ...2.0756

USE OF MARINE PLANKTONIC ORGANISMS FOR EVALUATING THE QUALITY OF MARINE AND ESTUARINE WATERS ...Animal Life History Studies; Bioassays; Estuaries; Phytoplankton; Water Pollutant Identification; ...2.0790

FEASIBILITY STUDY OF AERIAL PHOTOGRAPHY FOR DETERMINING PHYSICAL FEATURES OF TIDELAND & ESTUARINE AREAS, BEAUFORT CO., SOUTH CAROLINA ...Aerial Photography -see Photo.; Coastlines - Shorelines; Economic Geology -general; Infrared Radiation; Legal Studies-general; Navigation; Tides; Tidewater Areas; ...2.0795

CHEMICAL, PHYSICAL, AND BIOLOGICAL DYNAMICS OF NORTHERN PRAIRIE LAKES ...Agricultural Runoff; BHC; DDE; Dieldrin, Fish; Heptachlor Epoxide; Lindane, Pesticide Toxicity in Animals; TDE; ...2.0797

INVESTIGATION OF LAKE WATER QUALITY IN EASTERN SOUTH DAKOTA WITH REMOTE SENSING TECHNIQUES ...Aircraft Remote Sensing; Geologic Maps; Lakes; Soil Tillage; Water Depth, Water Levels; ...2.0798

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Degradation - see Pesticide Deg; Fishing; Land Use; Relief; South Dakota; Water Pollution Sources; Water Supply -general; ...2.0799

APPLICATION OF STOCHASTIC TECHNIQUES TO WATER QUALITY DATA ANALYSIS ...Data Reduction and Analysis; Mathematical Models; Simulation Theory; Statistical Models; Stochastic Processes; ...2.0809

LIMNOLOGICAL INVESTIGATIONS OF TEXAS IMPOUNDMENTS FOR WATER QUALITY MANAGEMENT PURPOSES ...Chemical Water Properties; Eutrophication; Nutrients; Streams & Rivers; Water Supply Augmentation; ...2.0812

INSTRUMENTATION FOR ENGINEERING MANAGEMENT OF A MULTI-PURPOSE RIVER BASIN SYSTEM ...Automatic Data Aquisition; Data Acquisition; Flood Routing; Navigation; River Basins; Texas; ...2.0814

PRECISION RATIO GAS-SOURCE MASS SPECTROMETER ...Bauxite; Chemical Analysis -general; Geochemical Investigations; Mineralogical Properties; Organic Water Properties; Salinity; Sedimentary History; ...2.0815

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Computer Models; Cybernetics; Development of Models; Land Use; River Basins; Urban Environment; Urban Research -general; Watersheds; ...2.0822

CONSTRUCTION OF WASTE WATER SAMPLING AND ANALYTICAL EQUIPMENT ...Waste Water -general; ...2.0825

WATER POLLUTION ...Estuaries; Mathematical Models; Stochastic Models; Stochastic Processes; ...2.0831

A PRE-IMPOUNDMENT ECOLOGICAL STUDY OF THE BOTTOM FAUNA AND WATER QUALITY IN THE NORTH ANNA RIVER ...Atomic Plants; Chemical Analysis (water); Contamination - Water; Environmental Ecology; Management (water); Thermal Pollution; Water Standards & Baselines; ...2.0834

DETECTION OF PATHOGENS IN WATER ...Bacteria -nonspecific; Bacterial Population Surveys; Escherichia Coli; Fresh Water; Streptococcus Fecalis; Water Pollutant Identification; ...2.0835

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Animal Life History Studies; Bays; Contamination - Water; Engineering Structures-general; Estuaries; Fish and Shellfish; Physiological Effects; ...2.0846

WATER QUALITY MONITORING STUDIES ...Aquatic Ecology - Animal; Dams -general; Fish and Shellfish; Monitoring; Population Dynamics -general; ...2.0854

WATER REOURCES OF SOUTHEASTERN WISCONSIN - RACINE AND KENOSHA COUNTIES ...Chemical Water Properties; Groundwater; Hydrographs; Recharge (water); Water Table; Water Wells; ...2.0856

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED, WALWORTH, ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Algae -nonspecific; Chemical Water Properties; Fish; Najadaceae; Physical Water Properties; Range Or Territorial Distr.; Water Pollutant Identification; Watersheds; ...2.0868

HYDROLOGY OF CACHUMA RESERVOIR ...Aeration (water); California; Oxygen Content (water); Plant Population Dynamics - gen; Soil Tillage; Taste & Odor of Water; Water Utilization - domestic; ...2.0878

WATER SUPPLIES ...Chemical Water Properties; Chlorination; Disinfectants; Filtration; Iowa; Turbidity (water); Water Utilization -domestic; ...2.0895

DECISION PROCESSES IN WATER QUALITY MANAGEMENT ...Administration and Management; Computer Models; Management; Model Studies; Simulation Theory; ...2.0963

MIXING PROCESSES IN SATURATED AND UNSATURATED SOIL-WATER SYSTEMS IN RELATION TO POLLUTION ...Chlorine; Fluid Mechanics; Saturated - Unsaturated Soils; Soil Saline Properties; Soil Thermal Properties; ...2.0965

SAN FRANCISCO BAY ...Bathymetry; California; Marine Biology - General; Marine Pollution; San Francisco Bay; Sea Water Properties; Sedimentary History; ...2.0970

WATER QUALITY CONTROL BY SELECTIVE WITHDRAWAL AND REAERATION ...Aeration (water); Mathematical Models; Reservoirs and Impoundments; Seismology; Turbidity (water); ...2.0979

STUDIES ON SOUTHEASTERN AQUATIC INSECTS ...Aquatic Ecology - Animal; Southeast U. S.; ...2.0997

ESTUARINE HYDROGRAPHY AND ITS ROLE IN TRANSPORT OF NATURALLY PRODUCED FOODS AND POLLUTANTS ...Effluents - Waste Water; Forecasting - Prediction; Nutrients; Water Movement -general; ...2.1000

EFFECTS OF LIMNOLOGICAL FACTORS ON WATER TREATMENT ...Chemical Water Properties; Iowa; Public Utilities; Reservoirs and Impoundments; Water Chemistry; ...2.1018

TURBULENCE IN A STRATIFIED FLOW ...Fluid Mechanics; Oceanography -general; Wind Tunnels; ...2.1044

THE INFLUENCE OF SOILS ON POLLUTION ...Adsorption; Drainage; Nutrients; Pesticide Degradation -see Deg; Pesticides - nonspecific; Soil Fertility; Waste Disposal on Soils; Water Pollutants - Path of; ...2.1046

WATER-QUALITY REGIMEN OF TAHOE-TRUCKEE SYSTEM ...California; Data Reduction and Analysis; Forecasting - Prediction; Groundwater; Land Use; Mans Pollutional Activities; Sewage; Waste Disposal-see Solid Waste; ...2.1054

COMPUTE SIMULATION OF DIFFUSION STUDIES ...Computer Models; Differential Equations; Fluid Mechanics; Mathematical Analysis; Monte Carlo Methods; ...2.1066

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency; Flow Characteristics (water); Industrial Wastes; Model Studies; North Carolina; Systems Analysis - Water Mgmt; Water Resources Protection; ...2.1104

HORIZONTAL DISPERSION IN SHALLOW ESTUARIES OF IRREGULAR SHAPE ...Circulation (water); Development of Models; Dispersion (water); Estuaries; Gulf of Mexico; Model Studies; Ocean Circulation -general; ...2.1107

IMPROVING WATER QUALITY BY REMOVAL OF PESTICIDE POLLUTANTS WITH AQUATIC PLANTS ...Degradation -see Pesticide Deg; Pesticide Aquatic Cycling; Pesticide Residues; Pesticides -nonspecific; Plant; Radioisotopes -nonspecific; ...2.1118

UTILIZATION OF PHYSICAL AND MATHEMATICAL MODELS IN ESTUARINE WATER RESOURCES RESEARCH AND MANAGEMENT ...Analog Computer Applications; Dispersion (water); Estuaries; Management (water); Mathematical Models; Tides; ...2.1122

FLUSHING OF SMALL SHALLOW LAKES ...Lakes; ...2.1126

ESTUARINE ECOLOGY RESEARCH ...Acidity (water); Animal Distribution; Animal Migration; Automatic Data Aquisition; Chemical Water Properties; Estuaries; Industrial Wastes; Mathematical Models; Pollution Effects -see Water; Temperature (water); Turbidity (water); Water Pollution Abatement; ...2.1129

WATERSHED RANGE CONDITIONS AND THEIR EFFECTS ON WATER QUALITY ...Agricultural Watersheds; Bacterial Pollutant Sources; Chemical Water Properties; Range Management; Water Bacteria; ...2.1140

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds., Recharge (water); Sewage; Turf; Water Wells; ...2.1158

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Foreign Agriculture; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Sewage; Water Pollution Abatement; ...2.1196

CRITERIA FOR WASTE-DISPOSAL SITES IN THE KANSAS RIVER VALLEY ...Alluvium - Alluvial; Chemical Analysis (water); Kansas; Scouring; Waste Disposal-see Solid Waste; Water Depth, Water Levels; Water Table; ...2.1273

AGRICULTURAL PROCESSING PLANT WASTE WATER ACCOMMODATION BY FORAGES AND SOIL ...Disposal Wastes; Food Processing Industries; Gallus Domesticus; Infiltration; Nitrogen and Nitrogen Cpds.; Percolation (water); Phosphorus and Phosphorus Cpds; Soil Moisture, Sprinkler Irrigation; ...2.1287

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil-Tillage; Terrain Analysis; Water Table; Watersheds; ...2.1306

MICROBIOLOGY OF ESTUARINE AND SHELLFISH POLLUTION ...Bacterial Pollutant Sources; Bacteriophage; Clams; Effluent-standards; Estuaries; Ostreidae (oyster); Pseudomonas; Sewage Treatment Plant; Streptococcus Fecalis; Viral Pollutant Sources; Water Pollutant Identification; ...2.1331

DESIGN OF WASTEWATER TREATMENT SYSTEMS TO SATISFY EFFLUENT QUALITY REQUIREMENTS BASED ON INTENDED USE ...Effluent-standards; Impaired Water Use; Waste Treatment; Water Reuse; ...2.1344

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Industrial Wastes; Organic Matter; Seepage (water); Sewage Lagoons; Waste Management -see Specific; Water Pollutants - Path of; ...2.1360

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Groundwater; Mineralogical Water Properties; Sprinkler Irrigation; Water Application Methods; Water Quality Control -general; ...2.1418

INVESTIGATION OF RICE IRRIGATION RETURN FLOWS - TEXAS COASTAL PRAIRIE REGION ...Agricultural Runoff; Fertilizers; Irrigation; Pesticides -nonspecific; Soil Fertility; ...2.1421

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

IMPOUNDMENT EFFECTS ON WATER QUALITY AS REFLECTED IN PARASITISM OF RESERVOIR BASSES ...Animal Productivity; Arkansas; Copepoda; Environmental Ecology; Micropterus Dolomieui; Pathology; Recreation, Outdoor; Water Depth, Water Levels; ...2.1481

EFFECTS OF WATER DIVERSION ON BIOTA AND WATER QUALITY IN THE STATE OF ARKANSAS ...Animal Productivity; Aquatic Ecology - Animal; Chemical Water Properties; Eutrophication; Physical Water Properties; Population Dynamics - general; Vertebrate Anatomy; ...2.1482

ENVIRONMENTAL STUDY OF PORT PHILLIP BAY ...Algae - nonspecific; Bays; Color (water); Environment; Organic Matter; Waste Treatment; Water Quality Control -general; ...2.1485

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

LARGE IMPOUNDMENTS - PUEBLO RESERVOIR ...Arid and Desert Regions; Irrigation; Multiple Purpose Reservoirs; Rocky Mountain System; Water Properties -general; Water Supply - general; Water Utilization -industrial; ...2.1507

THE EFFECT OF POLLUTION ON THE DISTRIBUTION OF LPP PHYCO-VIRUSES IN RELATION TO POLLUTION OF THE CHRISTINA RIVER ...Acidity (water); Delaware; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; ...2.1522

IMPLEMENTATION OF HABITAT ALTERATIONS ...Amphibious Plants; Animal Succession; Depth (water); Environmental Ecology; Lakes; Population Dynamics -general; Water Depth, Water Levels; ...2.1534

POLLUTION OF THE HUISME ...France; River Basins; ...2.1535

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Acidity (water); Aquatic Ecology - Animal; Contamination - Water; Dams -general; Engineering Structures-general; Idaho; Nitrogen and Nitrogen Cpds.; Pollution Effects -see Water; Preimpoundment Sites; Reservoirs and Impoundments; Snake River; ...2.1544

POLLUTION EFFECTS ON ADULT STEELHEAD MIGRATION ...Animal Behavioral Ecology; Aquatic Ecology - Animal; Contamination - Water; Environmental Ecology; Fish and Shellfish; Industrial Wastes; Pollution Effects -see Water; Pulp and Paper Wastes; Snake River; Temperature (water); ...2.1545

WATER QUALITY - CEDAR BLUFF IRRIGATION DISTRICT, KANSAS ...Chemical Water Properties; Effluents - Waste Water; Groundwater; Kansas; Salinity (water); Seepage (water); ...2.1556

INFLUENCE OF THE EFFLUENT FROM A CONCENTRATED INDUSTRIAL COMPLEX ON A LARGE RIVER - WATER QUALITY EFFECTS ...Acidity (water); Atomic Absorption; Gas Chromatography; Mineralogical Water Properties; Waste Management -see Specific; ...2.1561

THE EFFECTS OF THERMAL LOADING AND WATER QUALITY ON ESTUARINE PRIMARY PRODUCTION ...Acidity (water); Algae -nonspecific; Carbon; Electric Power Plants; Estuaries; Induced Temperature; Mineralogical Water Properties; Nutrients; Phosphorus and Phosphorus Cpds; Plant Population Dynamics -gen; Salinity (water); Swamps - Marshes; Thermal Pollution; ...2.1575

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; Water Standards & Baselines; ...2.1602

THE EFFECT OF WATER TEMPERATURE ON ECOLOGICAL PROCESSES IN A RESERVOIR RECEIVING HEATED WATER ...Acid Mine Drainage; Algae -nonspecific; Benthic Organisms -nonspecific; Chemical Water Properties; Ecological Effects; Environment Resistance-animals; Heat Recovery, Industrial; Photosynthesis; Reservoirs and Impoundments; Thermal Pollution; ...2.1619

WATER QUALITY SURVEYS ...Animal Productivity; Missouri; River Basins; Water Pollution Effects; ...2.1622

SOUTHEAST OZARKS MINING WATER QUALITY SURVEY ...Annelida; Benthic Fauna; Contamination - Water; Environmental Ecology; Gastropoda; Mollusca; Physical Water Properties; Taxonomy -animal; Water Pollution Sources; ...2.1623

POLLUTED WATERS ...Animal Habitat Studies; Aquatic Ecology - Animal; Contamination - Water; Fish; Missouri; Water Pollution Effects; ...2.1624

STREAM POLLUTION IN THE NEW LEAD BELT OF SOUTHEAST MISSOURI ...Acidity (water); Alkalinity (water); Color (water); Contamination - Water; Fish; Lead; Mineralogical Water Properties; Pollution Effects -see Water; Water Bacteria; Water Pollution Sources; Zinc; ...2.1628

AN INVESTIGATION OF THE WATER QUALITY AND PRODUCTIVITY OF POLSON BAY, FLATHEAD LAKE, MONTANA ...Animal Productivity; Bays; Lakes; Montana; Plant Productivity -general; Water Utilization -domestic; ...2.1632

EFFECT OF WATER QUALITY ON FIRST-YEAR MORTALITY OF LARGEMOUTH BASS ...Alkalinity (water); Aquatic Ecology - Animal; Embryology -basic; Environmental Physiology; Fish Food Supply -other; Micropterus Salmoides; Temperature (water); Water Pollution Effects; ...2.1649

HYDROLOGY OF THE CRYSTALLINE ROCK SYSTEM IN SOUTHEASTERN STATES ...Alabama; Groundwater; Maryland; Petrology; Piedmont Province; Southeast U. S.; Water Yield; ...2.1660

FISH OPERCULAR RESPONSE TO ENVIRONMENTAL VARIABLES ...Animal Life History Studies; Aquatic Ecology - Animal; Carassius Auratus; Environmental Physiology; Minnows; Temperature (water); ...2.1668

LITERATURE RESEARCH ON WATER QUALITY REQUIREMENTS AND TOXICOLOGY OF FISHES ...Contamination - Water; Fish; Marine Animals; Russia; ...2.1679

PHYSICAL FACTORS AFFECTING OREGON COASTAL POLLUTION ...Circulation (water); Density; Marine Environments; Oregon; Tides; ...2.1683

RELATIONSHIP OF AQUATIC FLORA TO WATER QUALITY AND POLLUTION ...Algal Physiology; Aquatic Plants -nonspecific; Benthic Flora; Crustacea; Estuaries; Industrial Wastes; Marine Plants; Phytoplankton; Plant Habitat Studies; Range Or Territorial Distr.; Salinity (water); Temperature (water); ...2.1684

ECOLOGICAL PARAMETERS OF THE DEVELOPMENT AND FEEDING HABITS OF SIMULIUM SPP. (BLACK FLIES) ...Animal Pollutant Sources; Aquatic Ecology - Animal; Ecological Effects; Eutrophication; Fish; Organic Matter; ...2.1692

WATER POLLUTION INVESTIGATION, BATTLE CREEK, SOUTH DAKOTA ...Aquatic Ecology - Animal; Benthic Fauna; Ecological Effects; Pollution Effects -see Water; Population Dynamics -general; South Dakota; ...2.1710

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources; Chemical Water Properties; Forecasting - Prediction; Mathematical Models; Planning; Rain; Runoff (water); Soil Types -also See Specifics; Water Quality Control -general; ...2.1711

COAL STRIP MINE WATERSHED DEMONSTRATION--JACKSON COUNTY, ALABAMA ...Alabama; Coal; Strip Mines; Water Pollution Effects; ...2.1715

COAL STRIP MINE WATERSHED STUDY ...Alabama; Coal; Data Acquisition; Engineering Structures-general; Pollution Effects -see Water; Soil Tillage; Strip Mines; Watersheds; ...2.1719

LARGEMOUTH BASS REPRODUCTION STUDY ...Bottom Sampling; Contamination - Water; Data Acquisition; Electric Power Plants; Environmental Physiology; Lakes; Organic Properties; Physical Effects; Reservoirs and Impoundments; Spawn Or Nesting Sites; Temperature (water); ...2.1725

THERMAL STUDY IN WILKES RESERVOIR ...Aquatic Ecology - Animal; Contamination - Water; Electric Power Plants; Reservoirs and Impoundments; Thermal Pollution; ...2.1728

STREAM FAUNAL RECOVERY AFTER MANGANESE STRIP-MINE RECLAMATION ...Animal Pharmacology; Catostomidae; Effluents - Waste Water; Manganese; Mining Industry; Pollution Effects -see Water; Sediments; Toxic Minerals; Water Purification; ...2.1746

SIMULATION MODELING OF THERMAL EFFECTS ON SELECTED RIVER SYSTEMS ...Atomic Plants; Development of Models; Energy Conversion; Illinois River; Model Studies; River Basins; Water Pollution Effects; ...2.1754

WATER RESOURCES SCIENTIFIC INFORMATION CENTER. WATER QUALITY REQUIREMENTS AND EFFECT OF WATER POLLUTION ON FRESHWATER MARINE ORGANISMS ...Biological Effects; Document & Literature Info; Information Science; Marine Biology - General; ...2.1766

INFLUENCE OF INDUSTRIAL AND MUNICIPAL WASTES ON ESTUARINE AND OFF SHORE WATER QUALITY ...Acidity (water), Brines; Cooperative Studies; Electrical Phenomena; Estuaries; Industrial Wastes; Sewage Testing; Temperature; Urban Environment; Washington; ...2.1769

EVALUATE PERFORMANCE OF POULTRY AS AFFECTED BY WATER QUALITY ...Biological Effects; Chlorine; Filtration; Nutrition; Ponds; Water Utilization '-animal; West Virginia; ...2.1774

IMPACT OF LAGOONS AND SAND BLANKETS ON FISH, AQUATIC LIFE AND WATER EQUALITY ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Fish; Lagoons; Plankton; Sedimentary Structures; Wisconsin; ...2.1777

GEOLOGIC AND HYDROLOGIC STUDIES RELATED TO SPECIFIC POLLUTION PROBLEMS ...Alabama; Geology - general; Groundwater; Soil Tillage; ...2.1785

A SYSTEM APPROACH FOR INTEGRATING GROUNDWATER AND SURFACE-WATER USE ...California; Groundwater; Systems Analysis - Water Mgmt; Waste Water Treatment - general; Water Utilization -general; ...2.1787

EVALUATION OF GROUNDWATER RESOURCES, LIVERMORE VALLEY, CALIFORNIA ...California; Flow Characteristics (water); Management (water); Model Studies; Soil Tillage; ...2.1789

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; Water Standards & Baselines; ...2.1792

PLANNING AND SPECIAL STUDIES ...Aeration (water); Meetings; Nitrogen and Nitrogen Cpds.; Toxic Minerals; Water Resources Planning; ...2.1802

VALUE OF DESALTED WATER FOR IRRIGATION ...Agricultural Economics; Benefit-cost Analysis; Budgeting Analysis; Cost Analysis; Desalination; Electrodialysis; Irrigation; Optimization - Feasibility; Salinity (water); Soil Saline Properties; ...2.1804

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Economic Efficiency; Legal Review; Management (water); Model Studies; Water Pollution Abatement; Water Standards & Baselines; ...2.1805

WATER RESOURCES MANAGEMENT IN DELAWARE ...Benefit-cost Analysis; Delaware; Government -see Federal Gov.; Legal Review; Management (water); Water Resources Planning; Water Supply -general; ...2.1808

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal; Bays; Florida; Social Aspects; Urban Environment; Urban Planning; Urban Research -general; Water Resources Planning; ...2.1809

ENVIRONMENTAL QUALITY ...Benefit-cost Analysis; Computer Models; Management (water); Water Resources Planning; ...2.1810

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

A STUDY OF PUBLIC ATTITUDES AND MULTIPLE OBJECTIVE DECISION CRITERIA FOR WATER POLLUTION CONTROL PROJECTS ...Attitudes & Attitude Change; Decision Theory; Management; Markov Chains; Simulation Theory; Water Pollution Abatement; Water Resources Planning; ...2.1818

CITIZEN WORKSHOPS ON CLEAN WATER FOR AMERICA ...Community - Social Studies; Government -see Federal Gov.; Meetings; ...2.1822

LAKE MICHIGAN WATER QUALITY MODEL ...Chemical Water Properties; Management (water); Mineralogical Water Properties; Rain; ...2.1825

WATER QUALITY MODEL DERIVED FROM SYSTEM ANALYSES ...Management (water); Model Studies; Optimization, Economic; River Basins; Systems Analysis - Water Mgmt; ...2.1826

WATER QUALITY CRITERIA FOR SELECTED RECREATION USES ...Attitudes & Attitude Change; Multivariate Analysis; Recreation, Water Resources; Social Aspects; Survey Studies (water); Water Pollutant Identification; ...2.1827

ECONOMIC EVALUATION OF THE EFFECT OF SELECTED CROP PRACTICES ON NON-AGRICULTURAL USES OF WATER ...Agricultural Studies -general; Costs -see Economics Entries; Mathematical Models; Optimization, Economic; Sediments; Water Costs; ...2.1828

A QUANTITATIVE ANALYSIS OF LANDSCAPE ESTHETICS, WITH SPECIAL REFERENCE TO STREAM AND VALLEY SYSTEMS AND RELATED WATER AND LAND RESOURCES ...Indiana; Landscaping; Social Aspects; Temperate Climates; Water Resources Development; Water Utilization -domestic; Wild Rivers; ...2.1829

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY

...Aquatic Ecology - Animal; Chemical Water Properties; Economic Impact; Kentucky; Plant Freshwater Ecology; Regional Economics; Social Aspects; ...2.1835

COLLABORATIVE PROGRAMS WITH GOVERNMENT AND PRIVATE AGENCIES FOR SOLUTION OF ENVIRONMENTAL PROBLEMS ...Air Pollution; Cooperative Studies; Government -see Federal Gov.; Organizational Research; ...2.1852

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Industrial Wastes; Irrigation; Legal Studies; Sanitary Landfills; State Government; Water Rights; Water Utilization -domestic; ...2.1862

USER ATTITUDES TOWARD WATER QUALITY AND PRICE ...Attitudes & Attitude Change; Nevada; Price & Value -see Economics; Social Aspects; Survey Studies (water); Water Costs; ...2.1867

A COMPENDIUM OF WATER LAW AND ECONOMICS IN NEW HAMPSHIRE ...Easements - Right of Ways; Economic Efficiency; Economic Impact; Legal Review; New Hampshire; Public Access; Water Transfer; ...2.1869

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; Water Transfer; ...2.1870

DELAWARE ESTUARY AND BAY WATER QUALITY SAMPLING AND MATHEMATICAL MODELING PROJECT ...Bays; Delaware Bay; Estuaries; Mathematical Models; Water Standards & Baselines; ...2.1873

A STUDY OF POTENTIAL INSTITUTIONAL ARRANGEMENTS FOR WATER POLLUTION CONTROL IN THE HUDSON-MOHAWK RIVER BASIN ...Administration and Management; Government -see Federal Gov.; Hudson River; Organizational Research; River Basins; Water Resources Development; ...2.1878

STOCHASTIC MODELS FOR WATER RESOURCES MANAGEMENT ...Economic Theory; Management (water); River Basins; Stochastic Models; Water Allocation; Water Resources Planning; Water Supply Augmentation; ...2.1879

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Recreation, Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization -domestic; ...2.1881

MULTI-DISCIPLINARY RESEARCH IN POLLUTION ...Air Pollution; Marine Pollution; North Carolina; ...2.1888

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; Lakes; North Carolina; Soil Cover Crops; Surveying; Urban Research -general; Water Yield; Weather Data; ...2.1892

PUBLIC INVESTMENT CRITERIA FOR WATER-ORIENTED RECREATION IN THE LAKE ERIE BASIN ...Benefit-cost Analysis; Costs -see Economics Entries; Finance -see Economics Entries; Lake Erie; User Expenditures; Water Standards & Baselines; ...2.1896

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Oregon; Regional Economics; Water Demand; Welfare Economics; ...2.1900

STATE WATER QUALITY MANAGEMENT INFORMATION SYSTEM ...Data Reduction and Analysis, General Information Services; Information Science; Management (water); Pennsylvania; Water Quality Control -general; ...2.1902

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Effluents - Waste Water; Industrial Wastes; Management (water); Potomac River; Systems Analysis - Water Mgmt; Water Costs; Water Quality Control -general; ...2.1905

EFFECTS OF LAND USE CHANGES ON THE SCENIC QUALITIES OF PINE CREEK, PENNSYLVANIA ...Aerial Photography -see Photo.; Groundwater; Land Use; Percolation (water); Primary Treatment; Secondary Treatment; Social Aspects; Survey Studies (water); ...2.1907

SOME LEGAL, SOCIAL AND ECONOMIC PROBLEMS OF GROUNDWATER POLLUTION ...Attitudes & Attitude Change; Legal Studies; Sewage Treatment Plant; Water Costs; Water Quality Control -general; ...2.1910

USE OF ADVANCED WATER RESOURCES PLANNING TECHNIQUES IN THE DEVELOPMENT OF REGIONAL WATER MANAGEMENT PROGRAMS ...Industrial Wastes; Model Studies; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.1912

ANALYSIS OF WATER RESOURCES ADMINISTRATIVE AGENCIES ...Administration and Management; Management (water); Recreation, Water Resources; Types of Resources; Water Resources Planning; ...2.1926

LEGAL ASPECTS OF WATER RIGHTS AND WATER QUALITY IN EASTERN STATES ...Appropriation; Eastern U. S.; Legal Review; Riparian Rights; Water Allocation; Wisconsin; ...2.1931

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT - A CASE STUDY OF THE WISCONSIN RIVER BASIN ...Administrative Organizations; Legal Studies; Management (water); Regional Or State Studies; River Basins; Water Resources Planning; Wisconsin; ...2.1932

ANALYSIS OF POLICY ISSUES POSED BY WATER AND RELATED LAND RESOURCES PROGRAMS IN THE METROPOLITAN REGION ...Benefit-cost Analysis; Economic Impact; Land Use; Riparian Rights; ...2.1934

INTERORGANIZATIONAL STRUCTURE RELATING TO WATER QUALITY ADMINISTRATION AND POLICY ...Administration and Management; Administrative Organizations; Data Acquisition; Government -see Federal Gov.; Organizational Research; Social Aspects; Survey Studies (water); ...2.1939

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

WATER RESOURCE OPERATIONS STUDY ...Economic Theory; Operations Research; Water Cycle; Water Resources Development; Water Transfer; Water Utilization -general; Wyoming; ...2.1941

THE ROLE OF SOIL IN FARM WASTE MANAGEMENT ...Agricultural Runoff; Farm Pond; Sediments; Soil Chemical Properties; Soil Organic Content; ...3.0001

DEVELOPMENT OF A SIMULATION MODEL OF THE VANCOUVER REGION ...Building Design; Coastlines - Shorelines; Economic Planning; Mathematical Models; Planning; Regional Economics; Urban Planning; ...3.0084

NEW HAMPSHIRE, MASSACHUSETTS COOP (NEWBURYPORT W AND E) ...Faults - Geology; Geological Exploration; Lead; Massachusetts; Rocks - Bedrock; Streams; Surveying; Waste Disposal-see Solid Waste; ...3.0162

GROSS EFFECTS OF HEXADECANOL AND PLASTIC SHEET BOTTOMS ON AQUATIC LIFE IN PONDS ...Aquatic Ecology - Animal; Chemical Water Properties; Environmental Ecology; Linings - Pavings, Physical Water Properties, Ponds; ...4.0054

DISTRIBUTION OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN NATURAL WATERS AND SEDIMENTS ...Acidity (water); Dimethoate; Environment Accumulation Rates; Florida; Malathion; Parathion; Pesticide Degradation -see Deg; Pesticide Residue Analysis; Pesticides -see Pesticide; Tetradifon; Water Pollutants - Path of; ...4.0073

PESTICIDES IN SOILS AND WATERS OF THE SOUTHERN PIEDMONT ...Agricultural Runoff; Clay Soils; Dieldrin; Erosion; Lindane; Low Temp. - But Above 32f; Management Effects; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Volatility; Piedmont Province; Rain; Runoff (water); Soil Moisture; ...4.0100

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation; Demeton; Groundwater; Infiltration; Leaching; Organophosphorous Cpds.; Pesticide Movement in Soils; Pesticide Toxicity -general; Silty Soils; Soil Moisture; Soil Texture; Water Pollutants - Path of; ...4.0102

SOILS, PESTICIDES AND THE QUALITY OF WATER ...Degradation -see Pesticide Deg; Erosion; Fusarium; Organophosphorous Cpds.; Pesticide Interaction With Env; Pesticides -other; Picloram; Soil Aeration; Soil Chemical Properties; Soil Organic Content; Soil Temp. -non-specific; ...4.0192

EFFECTS OF DIURON (KARMEX) TREATMENTS ON PONDS ...Acidity (water); Alkalinity (water); Biological Effects; Chemical Effects; Herbicides and Other Chem; Metabolism of Algacides; Oxygen Content (water); Ponds; ...4.0392

EFFECTS OF PESTICIDES ON AQUATIC ANIMALS IN THE ESTUARINE AND MARINE ENVIRONMENTS ...Contamination - Water; Estuaries; Laboratory Animals; Pesticide Interaction With Env; Pesticides -nonspecific; Physiological Effects; ...4.0544

THE INFLUENCES OF ENVIRONMENTAL CONDITIONS ON THE TOXICITY OF PESTICIDES ...Aquatic Ecology - Animal; Bioassays; Fish; Pesticides -nonspecific; Pollution Effects -see Water; Water Pollution Effects; ...4.0708

CHRONIC EFFECTS OF DURSBAN ON WARM-WATER FISH ...Aquatic Ecology - Animal; Dursban; Laboratory Animals; Pesticide Action on Animals; Pesticide Formulation; Pesticides -nonspecific; Plant Freshwater Ecology; Temperature (water); ...4.0716

TOXICITY OF POLYCHLOROBIPHENYL (PCB) COMPOUNDS TO FRESHWATER INVERTEBRATES ...Bioassay; Circulation (water); Invertebrates -nonspecific; Pesticide Toxicity in Animals; Temperature (water); ...4.0735

CENTER FOR THE STUDY OF THE HUMAN ENVIRONMENT ...Air Pollution; Environmental Effects - Human; Pesticides -nonspecific; Pesticides -see Pesticide; Physiological Effects; Research Facilities; ...4.0805

Water Quality Control -general

TECHNICAL AND ECONOMIC FEASIBILITY OF OIL-FIRED COGAS POWER STATIONS ...Electric Power Plants; Power Plants; Turbines; ...1.0440

OPTIMAL CONTROL OF POLLUTION DISTRIBUTION ...Computer Models; Economic Theory; Taxes - General; Welfare Economics; ...1.0444

ENGINEERING REVIEW CONSULTATION ...Air Cleaning Devices; Air Pollution; Air Pollution-chemistry; Chemical Analysis -general; Consultants, Advisory Services; ...1.0543

DEVELOPMENT OF NAVY METAL SURFACE TREATMENT PROCESSES FOR COMPLIANCE WITH POLLUTION CONTROL REGULATIONS ...Metal Processing Wastes; ...1.0643

CONTROL OF IRON BACTERIA IN WATER WELL SYSTEMS ...Bacterial Identification; Bacterial Pollutant Sources; Bacterial Population Surveys; Iron Bacteria; Water Bacteria; Water Wells; ...1.0806

RIVER MURRAY SALINITY (SPECIAL PROGRAMME) ...Australia; Data Acquisition; Flow Characteristics (water); Saline Water Intrusion; Salinity (water); ...2.0025

LARGE IMPOUNDMENTS - EUTROPHICATION OF LAS VEGAS BAY, LAKE MEAD ...Arid and Desert Regions; Data Acquisition; Nevada; Salinity (water); ...2.0064

GAVE DE PAU RIVER ...Alluvium - Alluvial; Flow Characteristics (water); France; ...2.0110

INVESTIGATION OF THE INFLUENCE OF VALENCE STATES OF IRON AND MANGANESE UPON THE BIOTA OF THE HYPOLIMNION ...Algae -nonspecific; Benthic Organisms -nonspecific; Bottom Sampling; Chemical Water Properties; Microorganisms -nonspecific; Plant Freshwater Ecology; Spectrographic Techniques; Waste Water Treatment -general; ...2.0114

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0132

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Lime Treatment; Model Studies; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Pollutants - Path of; Water Standards & Baselines; ...2.0142

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Water Properties; Eutrophic Lakes; Eutrophication; Iowa; Oxygen Content (water); Water Pollutants - Path of; ...2.0144

WATER POLLUTION AND ITS CONTROL BY MICROBIAL METABOLIC ACTIVITIES ...Acid Mine Drainage; Cellular Metabolism - Controls; Chemical Effects; Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; Sulfur Bacteria; ...2.0160

THE RELATIONSHIP BETWEEN ALGAL GROWTH AND THE AVAILABILITY OF CARBON ...Algae -nonspecific; Algal Physiology; Carbon; Environmental Influences; Eutrophication; Primary Productivity - Plants; ...2.0161

WATER QUALITY DEGRADATION BY SEPTIC TANK DRAINAGE ...Degradation -see Pesticide Deg; Maine; Phosphorus and Phosphorus Cpds; Septic Tanks; ...2.0165

AN INVESTIGATION OF THE CAUSES, EFFECTS, AND CONTROL OF EUTROPHICATION IN MAINE LAKES ...Acidity (water); Algae -nonspecific; Algal Pollutant Sources; Alkalinity (water); Data Reduction and Analysis; Eutrophic Lakes; Eutrophication; Maine; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Turbidity (water); ...2.0166

CONTROL OR PREVENTION OF SOIL AND WATER POLLUTION FROM FERTILIZERS ...Aquatic Soils; Groundwater; Microorganisms -nonspecific; Rock - Soil Pollution; Soil Chemical Properties; Soil Microbiology; ...2.0170

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

THE ROLE OF MIXING IN MAINTAINING STRATIFIED FLOW ...Density; Effluents - Waste Water; Model Studies; Outlets; Stratification (water); ...2.0206

WATER RESOURCES IN SOURDOUGH AND MIDDLE CREEK WATERSHEDS - A COMPARATIVE STUDY OF QUALITY AND HYDROLOGY ...Acidity (water); Erosion; Montana; Sedimentation; Suspension; Watersheds; ...2.0230

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

SPOILS WEATHERING - WATER, SOILS GROWTH ...Chemical Water Properties; Groundwater; Leaching; Mine Drainage Control; Ohio; Rain; Rain Patterns; Soil Chemical Properties; Soil Saline Properties; Spoil Banks; Tectonics; Weathering Products; ...2.0308

GEOCHEMISTRY OF OILFIELD BRINES ...Analysis and Detection; Bromine; Gas -natural; Mineralogical Water Properties; Origin; Petroleum Wastes - Spillage; Trace Analysis; ...2.0312

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; ...2.0326

EUTROPHICATION - EFFECT OF FLOW AUGMENTATION ...Algae -nonspecific; Aquatic Soils; Chemical Analysis (water); Circulation (water); Cultural Control; Data Acquisition; Environmental Influences; Eutrophication; Lakes; Mineralogical Water Properties; Physical Control; Phytoplankton; Sediments; Turbidity (water); Washington; Water Depth; Water Levels; ...2.0332

EUTROPHICATION - BIOLOGICAL CONTROL USING GRAZERS ...Algae -nonspecific; Biological Control; Cultural Control; Eutrophication; Literature Search; Plant Pollutants; ...2.0333

EUROPHICATION - PHYSICAL ECOLOGICAL CONTROL ...Algae -nonspecific; Chemical Water Properties; Cultural Control; Environmental Influences; Eutrophication; Physical Water Properties; Stratification (water); ...2.0334

EUTROPHICATION - EFFECT OF WEED HARVESTING ...Aquatic Plants -nonspecific; Cultural Control; Eutrophication; Nutrients; ...2.0338

SANITARY LANDFILLS IN COAL STRIP MINES ...Coal; Groundwater; Leaching; Sanitary Landfills; Water Pollutants - Path of; ...2.0341

POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILL ...Computer Methods -general; Contamination; Development of Models; Forecasting - Prediction; Land Use; Mathematical Models; Model Studies; Waste Disposal on Soils; ...2.0343

STATUS OF THERMAL POLLUTION AND RESEARCH NEEDS ...Bibliography; Chemical Water Properties; Hydraulics; Thermal Pollution; ...2.0371

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Data Reduction and Analysis; Geology -general; Hydraulics; Texas; Water Pollution Sources; Water Supply -general; Water Wells; ...2.0375

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

EVALUATION OF ENGINEERING PROJECTS AND ESTUARINE DATA (ESTUARINE PROGRAM) ...Animal Habitat Studies; Construction Sites; Fish; Gulf of Mexico; ...2.0383

WATER QUALITY OF HYRUM LAKE AND ITS RELATIONSHIP TO ALGAL BLOOMS ...Algae - Cyanophyta; Algal Pollutant Sources; Biological Water Properties; Chemical Water Properties; Environmental Influences; Eutrophication; Loss Damages - Recreation; Nutrients; Physical Water Properties; Utah; ...2.0398

POLLUTION AS A RESULT OF FISH CULTURAL ACTIVITIES ...Acidity (water); Benthic Fauna; Bottom Sampling; Chemical Analysis (water); Chemical Water Properties; Contamination - Water; Effluents - Waste Water; Fish & Shellfish Biology; Organic Waste -see Waste Treat; Turbidity (water); Water Pollution Sources; ...2.0402

THE ROLE OF PAPER MILL ADDITIVES AS POTENTIAL STREAM POLLUTANTS ...Activation Analysis; Additives; Atmospheric and Environmental; Industrial Wastes; Pulp and Paper Wastes; Waste Treatment; ...2.0412

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algae -nonspecific; Algal Physiology; Environmental Influences; Eutrophication; Lake Stages; Physical Control; Stratification (water); Washington; Water Supply Augmentation; ...2.0429

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algae - Cyanophyta; Algal Pollutant Sources; Chelation & Complexing; Detergent Builders; Mineralogical Water Properties; Phosphorus and Phosphorus Cycle; Water Chemistry; Wisconsin; ...2.0441

A SYSTEMS ANALYSIS OF WATER AND NUTRIENT FLOWS IN THE LAKE WINGRA BASIN ...Computer Models; Eutrophication; Mathematical Analysis; Nutrients; Simulation Theory; Systems Analysis; Water Cycle; ...2.0444

EUTROPHICATION OF NATURAL WATERS ...Biological Water Properties; Eutrophic Lakes; Forecasting - Prediction; Physical Water Properties; ...2.0451

MINERAL ANALYSIS OF WATER ...Acidity (water); Chemical Analysis (water); Groundwater; Mineralogical Water Properties; Rural Areas; ...2.0480

RIVER MURRAY SALINITY SURVEY IN SOUTH AUSTRALIA ...Australia; Chemical Analysis (water); Data Networks; Waste Treatment; ...2.0482

HYBRID COMPUTER SIMULATION OF GROUND-WATER BASINS ...California; Computer Models; Data Networks; Development of Models; Groundwater; Simulation Theory; Training Grants, Fellowships; ...2.0492

INDUSTRIAL WATER POLLUTION CONTROL PROBLEMS ...Industrial Wastes; Water Pollutant Identification; ...2.0494

ENVIRONMENTAL PROTECTION PROGRAM ...Data Acquisition; Harbors; Ocean Dumping; ...2.0500

WATER QUALITY ASSESSMENT AND POLLUTION CONTROL ...Biological Water Properties; Data Networks; Groundwater; Irrigation; Physical Water Properties; Sewage; Water Pollution Abatement; ...2.0510

DATA ACQUISITION SYSTEMS IN WATER QUALITY MANAGEMENT ...Aircraft Remote Sensing; Colorado; Data Acquisition; Detectors and Sensors; Regional Or State Studies; Water Chemistry; Water Standards & Baselines; ...2.0519

A MULTI-PHASIC COMPONENT STUDY TO PREDICT STORM WATER POLLUTION FROM URBAN AREAS ...Benefit-cost Analysis; Forecasting - Prediction; Rainfall - Runoff Relationship; Storm Water; Systems Analysis - Water Mgmt; Urban Runoff; Water Resources Planning; ...2.0531

POLLUTION OF COASTAL WATERS ...Coastlines - Shorelines; Economic Geology -general; Management; Marine Environments; Social Aspects; ...2.0565

BIOLOGICAL SURVEY OF STREAMS OF COLES COUNTY, ILLINOIS ...Aquatic Ecology - Animal; Contamination - Water; Fish; Illinois; Invertebrates -nonspecific; Organic Matter; Pollution Effects -see Water; Sediments; ...2.0576

DISPOSAL OF PAPER MILL EFFLUENT THROUGH IRRIGATION OF BOTTOMLAND HARDWOOD UNDER LOUISIANA CONDITIONS ...Disposal Wastes; Forest Environment -general; Industrial Wastes; Irrigation; Louisiana; Pulp and Paper Wastes; Waste Disposal on Soils; ...2.0605

NUTRIENT ENRICHMENT AND EUTROPHICATION OF LAKE MICHIGAN ...Algal Physiology; Eutrophic Lakes; Eutrophication; Mineralogical Water Properties; Phytoplankton; Water Pollution Sources; ...2.0627

AUTOMATED POTENTIOMETRIC TECHNIQUES FOR THE ON-SITE MONITORING OF IONS IMPORTANT IN WATER QUALITY CONTROL ...Analysis and Detection; Automatic Data Aquisition; Electrochemistry; Lead; Potentiometry; ...2.0657

A PROPOSAL TO DEVELOP A PLAN FOR THE CONSTRUCTION AND TESTING OF WATER POLLUTION FORECASTING MODELS ...Forecasting - Prediction; Mathematical Models; Water Costs; Water Supply -general; ...2.0660

DETECTION AND ENUMERATION OF VIRUS IN NATURAL WATERS ...Viral Pollutant Sources; Water Pollutant Identification; ...2.0671

CONFERENCE ON POLLUTION OF ESTUARIES ...Estuaries; Mans Pollutional Activities; Meetings; Water Quality -general; ...2.0672

EVALUATION OF SOME ENVIRONMENTAL CONDITIONS CAUSING ALGAL BLOOMS ...Algae - Chrysophyta-cf Diatoms; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Physiology- Env. Eff.; Eutrophication; ...2.0686

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR ESTUARY POLLUTION CONTROL ...Aeration (water); Boundary Layer Studies; Estuaries; Organic Matter; Tidewater Areas; ...2.0694

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties - general; Water Standards & Baselines; ...2.0701

AUTOMATED FORECAST PROCEDURES FOR RIVER QUALITY MANAGEMENT ...Automatic Data Aquisition; Forecasting - Prediction; Mathematical Models; Ohio River; Storm Water; Water Quality -general; ...2.0714

CHEMO-DYNAMICS OF LIMESTONE GROUNDWATER ...Aquifers; Chemical Analysis (water); Geochemical Analysis (water); Groundwater; Groundwater Movement; Limestone-general; Model Studies; ...2.0766

BAY WATCH ...Air Pollution Monitoring; Bays; Forecasting - Prediction; Marine Pollution; Physical Models; ...2.0772

BIOLOGIC DETECTION AND CONTROL OF WATER POLLUTION ...Bacterial Ecology; Ecological Effects; Microorganisms - nonspecific; Reservoirs and Impoundments; Water Pollutant Identification; Water Pollution -see Specifics; ...2.0794

LIMNOLOGICAL INVESTIGATIONS OF TEXAS IMPOUNDMENTS FOR WATER QUALITY MANAGEMENT PURPOSES ...Chemical Water Properties; Eutrophication; Nutrients; Streams & Rivers; Water Quality -general; Water Supply Augmentation; ...2.0812

DEVELOPMENT OF SAMPLE PREPARATION METHODS FOR ANALYSIS OF MARINE ORGANISMS ...Bioindicators; Chemical Analysis (water); Marine Biology - General; Water Pollutant Identification; Water Pollutants - Path of; Water Pollution Effects; ...2.0824

CORRELATED STUDIES OF VANCOUVER LAKE--WATER QUALITY PREDICTION STUDY ...Columbia River; Dredging; Lakes; Model Studies; Organic Matter; Sediments; ...2.0840

RELATION OF RIVER-RUN IMPOUNDMENTS TO SALMON PRODUCTION ...Animal Life History Studies; Bays; Contamination - Water; Engineering Structures-general; Estuaries; Fish and Shellfish; Physiological Effects; Water Quality -general; ...2.0846

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF WATER QUALITY ...Aircraft Remote Sensing; Data Reduction and Analysis; Internal Reflection; Legislation - Zoning; Water Pollutant Identification; Water Resources Planning; Wisconsin; ...2.0857

BACKFLOW PREVENTION DEVICES FOR POTABLE WATER SYSTEMS AT NAVAL SHORE FACILITIES ...Military Sciences; Potable Water; Water Utilization -domestic; ...2.0880

WATER POLLUTION CONTROL BY THE SECLAR METHOD ...France; Potable Water; ...2.0885

BUFFER CAPACITY IN AQUATIC ECOSYSTEMS ...Acidity (water); Alkalinity (water); Biological Water Properties; Mathematical Models; Plant Freshwater Ecology; ...2.0889

SALT-WATER ENCROACHMENT IN THE BRUNSWICK AREA, GEORGIA ...Aquifers; Brackish Water; Chlorine; Georgia; Saline Water Intrusion; Water Table; Water Wells; ...2.0890

EFFECTS OF ENVIRONMENTAL CHANGES ON BLUE-GREEN ALGAE ...Algae - Cyanophyta; Algal Physiology; Cellular Metabolism - Controls; Chemical Mutagenesis; Eutrophication; ...2.0912

CONCENTRATION OF CHEMICALS BY FLOC FORMING ORGANISMS ...Aerobic Waste Water Treatment; Farm Animal Wastes; Industrial Wastes; Product Development Research; Waste Water Treatment -general; ...2.0933

DETERMINE FEASIBILITY CHARACTERISTICS OF TUBULAR RO PROCESS ...Field Water Purification; Gas Chromatography; Military Sciences; Reverse Osmosis; Tubular Membranes; ...2.0963

NITROGEN REMOVAL AND IDENTIFICATION FOR WATER QUALITY CONTROL ...Analysis and Detection; Chemical Analysis (water); Nitrogen and Nitrogen Cpds.; Nitrogen Bacteria; Ultrasonics; ...2.0956

THE USE OF PULP MILL SLUDGES AS EXTENDERS FOR CORRUGATING MEDIUM ...Pulp and Paper Wastes; Waste Material Recovery; ...2.0957

CONSERVATION OF WATER AND REDUCTION OF POLLUTION BY USE OF SOLVENT SYSTEMS FOR COLORING TEXTILE MATERIALS ...Dispersants; Fibers; Plastics; Solvent; Textile Industry; Waste Material Recovery; Water Conservation -general; ...2.0958

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis; Management (water); Multiple Purpose Reservoirs; Potable Water; Regional Economics; Social Aspects; Waste Water Treatment -general; Water Resources Planning; ...2.0967

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Colorado; Federal Government; Legal Studies; Management (water); State Government; ...2.0981

GRAND VALLEY SALINITY CONTROL ...Canals; Colorado River; Linings - Pavings; Salinity (water); ...2.0985

A CRITICAL TEST OF METHODS FOR ISOLATION OF VIRUSES FOR USE IN CONTROL OF NUISANCE ALGAE ...Algal Physiology; ...2.1003

DISPERSION OF CONTAMINANTS IN JOINTED ROCK ...Dispersion (water); Flow Characteristics (water); Injection Wells; Mathematical Analysis; Physical Models; Seepage (water); Waste Disposal, Underground; ...2.1004

INVESTIGATION OF PERMEABILITY OF FINE GRAINED GLACIAL SEDIMENTS IN RELATION TO WASTE DISPOSAL IN ILLINOIS ...Aquifers; Drainage; Illinois; Land Use; Permeability; Till; ...2.1006

ASSIMILATION OF A WASTE TREATMENT PLANT EFFLUENT BY A CREEK-RIVER-MAINSTREAM IMPOUNDMENT SYSTEM ...Animal Productivity; Biological Water Properties; Contamination - Water; Effluents - Waste Water; Management (water); Physical Water Properties; Reservoirs and Impoundments; Water Pollutants - Path of; ...2.1008

BOUNDARY EFFECTS ON JET FLOW PATTERNS RELATED TO WATER QUALITY AND POLLUTION PROBLEMS ...Destratification; Flow Characteristics (water); Fluid Mechanics; ...2.1010

DENITRIFICATION AS A PATHWAY FOR NITRATE REMOVAL IN RIVERS AND PONDS ...Carbon; Denitrification; Organic Water Properties; Population Dynamics -general; Temperature; Water Properties -general; ...2.1016

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Storage; ...2.1038

OPTIMIZING STRATEGY FOR STATE WATER POLLUTION CONTROL IN THE POST 'PLAN OF IMPLEMENTATION' PERIOD ...Administrative Organizations; Massachusetts; Optimization, Economic; Survey Studies (water); Water Resources Planning; ...2.1039

LAKE ERIE DIKE ...Dams -general; Harbors; Iron and Steel Industry; Model Studies; Physical Models; Sediments; Waste Type; Waves -see Ocean Waves; ...2.1051

INSTREAM AERATION AND PARAMETERS OF NITROGENOUS BIOCHEMICAL OXYGEN DEMAND ...Aeration (water); Algal Physiology; New Jersey; Systems Analysis - Water Mgmt; Turbidity (water); ...2.1057

ACID WATER TROUT STUDIES ...Acidity (water); Environmental Ecology; Neutralization; Population Dynamics -general; Water Pollutant Identification; Water Table; ...2.1059

REACTION CAPACITY OF STREAMS IN NEW JERSEY ...Aeration (water); New Jersey; ...2.1061

REMOVAL OF NUTRIENTS FROM ENRICHED FLOWS & WASTE EFFLUENTS BY THE HYDROPONIC CULTURE OF SUITABLE FORAGE PLANTS & GRASSES ...Benefit-cost Analysis; Economic Feasibility; Effluents - Waste Water; Nutrients; Waste Treatment Economics; Waste Water Treatment -general; ...2.1081

TRANSIENT FLOW MODEL FOR BETTER WATER QUALITY CONTROL, KENTUCKY RESERVOIR ...Canals; Electric Power Plants; Energy Conversion; Forecasting - Prediction; Mathematical Models; Reservoirs and Impoundments; ...2.1097

CENTER FOR RESEARCH AND TRAINING IN HYDRAULIC AND HYDROLOGIC ASPECTS OF WATER POLLUTION CONTROL ...Hydraulics; Information Science; Information Systems; Research Facilities; ...2.1099

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency; Flow Characteristics (water); Industrial Wastes; Model Studies; North Carolina; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Protection; ...2.1104

LAKE DIKING AS A WATER POLLUTION MANAGEMENT TOOL ...Dams -general; Lakes; Management (water); Utah; Water Resources Planning; ...2.1115

VERIFICATION OF MODELS USED IN THE MANAGEMENT AND CONTROL OF WATER QUALITY ...Disposal Wastes; Effluents - Waste Water; Management (water); Model Studies; Washington; ...2.1127

IMPROVING SURFACE WATER CONDITIONS THROUGH CONTROL AND DISPOSAL OF AQUATIC VEGETATION ...Economic Efficiency; Eutrophication; Pest Control Measures; Plant Pollutants; Wisconsin; ...2.1135

REDUCING POLLUTION FROM POTATO AND ROOT VEGETABLE PEELING ...Canning Wastes -see Food Proc.; Food Processing Industries; Lye; Plant Waste Removal, Treatment; ...2.1162

EXPLORATORY STUDIES ON DISPOSING OF OR RECLAIMING FOOD PROCESSING WASTES ...Air Pollution -see Specifics; Canning Wastes -see Food Proc.; Dialysis; Food Processing Industries; Lye; Organic Waste -see Waste Treat; Oxidation, Plant Waste Removal, Treatment; Waste Disposal on Soils; Waste Water Treatment -general; Water Pollution -see Specifics; ...2.1163

REMOVAL OF OIL FROM AQUEOUS WASTES BY FLOTATION ...Bubbles; Flotation; Oil Removal; Petroleum Wastes - Spillage; ...2.1168

PRACTICALITY OF CHLORINATING ALGAE-LADEN EFFLUENTS FROM STABILIZATION PONDS ...Algae -nonspecific; Chlorination; Disinfection; Organics; Sewage Lagoons; Water Pollutant Identification; ...2.1198

WATER QUALITY CONTROL WITH SYNTHETIC POLYMERIC FLOCCULANTS - EFFECT OF MG, CA, CU, & ZN IONS ON BACTERIA & ALGAE (ABBREV) ...Additives; Bacterial Pollutant Sources; Flocculation; Sewage Treatment Plant; Waste Water Treatment -general; ...2.1206

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations; Drainage; Sewage; Storm Water; Urban Planning; Urban Research -general; Water Supply - general; ...2.1224

STUDY OF METHODS FOR REDUCING WATER POLLUTION FROM STORM SEWER AND COMBINATION DISCHARGES THROUGH DEFINED PUBLIC WORKS PRACTICES ...Air Pollution; Overflow -see Fluid Mechanics; Pesticides -see Pesticide; Snow and Ice Removal; Urban Environment; Urban Research - general; ...2.1242

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Canning Wastes -see Food Proc.; Food Processing Industries; Industrial Wastes; Photometry; Plant Waste Removal, Treatment; Taste & Odor of Water; Waste Treatment Economics; ...2.1249

THE MECHANICS OF SEDIMENT REMOVAL FROM ALLUVIAL STREAMS ...Design Criteria; Fluid Mechanics; Flume Studies; Mathematical Models; Sedimentation; Water Control Works -general; ...2.1280

NONAQUEOUS TREATMENTS TO IMPROVE FABRIC PROPERTIES AND REDUCE WATER POLLUTION ...Chemical Mechanisms & Kinetics; Fabrication; Home Economics; Materials -properties; Textile Industry; ...2.1283

WARP SIZES THAT AVOID STREAM POLLUTION AND IMPROVE DURABLE-PRESS FABRICS ...Coatings -see Materials; Fibers; Home Economics; Industrial Wastes; Materials -properties; Plastics; Textile Industry; ...2.1284

POLLUTION LOADS IN PERCOLATE WATER FROM SURFACE SPREAD SWINE WASTES ...Animal Wastes - Feed Lots; Chemical Analysis (water); Escherichia Coli; Farm Animal Wastes; Lysimeters; Physical Models; Salmonella -nonspecific & -ot.; Waste Disposal on Soils; ...2.1288

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation, Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

DESIGN OF WASTEWATER TREATMENT SYSTEMS TO SATISFY EFFLUENT QUALITY REQUIREMENTS BASED ON INTENDED USE ...Effluent-standards; Impaired Water Use; Waste Treatment; Water Quality -general; Water Reuse; ...2.1344

GROUNDWATER FLOW IN PARTIALLY SATURATED SOILS ...Drainage; Groundwater Movement; Model Studies; Seepage (water); Sewage; Soil Permeability; Water Supply -general; ...2.1412

THE EFFECTS ON RUNOFF, GROUNDWATER, AND LAND OF IRRIGATING WITH CATTLE ...Acidity (water); Alkalinity (water); Bacterial Pollutant Sources; Coliforms -nonspecific; Groundwater; Mineralogical Water Properties; Sprinkler Irrigation; Water Application Methods; ...2.1418

STUDIES TO DEVELOP PROCESS DESIGNS FOR EFFLUENT QUALITY CONTROL ...Effluent-standards; Effluents - Waste Water; Process Design; Waste Water Treatment -general; ...2.1435

WASTE WATER ODOR REDUCTION MECHANISMS IN SOIL FILTERS ...Cellular Physiology- Env. Eff.; Degradation -see Pesticide Deg; Filtration; Soil Bacteria; Soil Chemical Properties; Soil Filters; Taste & Odor of Water; ...2.1447

MINE SPOIL POTENTIALS FOR WATER QUALITY AND CONTROLLED EROSION ...Agricultural Runoff; Drilling and Coring; Mineralogical Properties; Strip Mines; Weathering Products; ...2.1452

PILOT STUDIES IN THE RESTORATION OF THE PHYSICAL ENVIRONMENT OF A STREAM TO MAINTAIN A CLEAN WATER FLORA AND FAUNA ...Animal Productivity; Filtration; Pilot Plants; Rehabilitation -streams -lakes; Size; ...2.1462

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

THERMAL AND CONVENTIONAL RIVER POLLUTION ...Atomic Plants; Chemical Water Properties; Effluents - Waste Water; Legislation - Zoning; Tennessee River; ...2.1472

ENVIRONMENTAL STUDY OF PORT PHILLIP BAY ...Algae - nonspecific; Bays; Color (water); Environment; Organic Matter; Waste Treatment; ...2.1485

PHOSPHATE EXCHANGE WITH SEDIMENTS ...Analysis and Detection; Chemical Water Properties; Eutrophication; Sedimentation; ...2.1582

A SYSTEMS APPROACH FOR THE STUDY AND CONTROL OF FACTORS AFFECTING WATER POLLUTION ...Literature Search; Model Studies; Optimization, Economic; River Basins; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Pollution Sources; ...2.1610

EFFECTS OF DEVELOPMENT ON WATER QUALITY ...Bacterial Pollutant Sources; Chemical Water Properties; Forecasting - Prediction; Mathematical Models; Planning; Rain; Runoff (water); Soil Types -also See Specifics; ...2.1711

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Biological Water Properties; Destratification; Flow Characteristics (water); Model Studies, Physical Water Properties; Reservoirs and Impoundments; Tennessee; Water Supply -general; ...2.1713

COAL STRIP MINE WATERSHED STUDY ..Alabama; Coal; Data Acquisition; Engineering Structures-general; Pollution Effects -see Water; Soil Tillage; Strip Mines; Water Quality -general; Watersheds; ...2.1719

ENVIRONMENTAL QUALITY STUDY PROJECT - THERMAL DISCHARGES AND EFFECTS STUDIES ...Electric Power Plants; Inlets; Outlets; Thermal Pollution; Water Resources Planning; ...2.1723

EFFECTS OF SELECTED POLLUTANTS ON CERTAIN GAME AND ROUGH FISH ...Contamination - Water; Environmental Physiology; Industrial Wastes; Pollution Effects -see Water; ...2.1732

INFLUENCE OF ACID MINE WATER UPON ACID TOLERANCE AND SYNTHETIC ABILITY OF SEWAGE MICROORGANISMS ...Acid Mine Drainage; Acidity (water); Bacterial Ecology; Bacterial Pollutant Sources; Cell Injury and Autolysis; Cellular Biosynthesis; Gas Chromatography; Management (water); Mining Industry; Sewage; Waste Water Treatment - general; ...2.1775

A SYSTEM APPROACH FOR INTEGRATING GROUNDWATER AND SURFACE-WATER USE ...California; Groundwater; Systems Analysis - Water Mgmt; Waste Water Treatment - general; Water Quality -general; Water Utilization -general; ...2.1787

PLANNING AND SPECIAL STUDIES ...Aeration (water); Meetings; Nitrogen and Nitrogen Cpds.; Toxic Minerals; Water Quality general; Water Resources Planning; ...2.1802

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal; Bays; Florida; Social Aspects; Urban Environment; Urban Planning; Urban Research -general; Water Quality -general; Water Resources Planning; ...2.1809

LEGAL ASPECTS OF WATER RIGHTS IN THE EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth; Water Levels; Water Rights; ...2.1813

AIDS FOR WASTEWATER SYSTEM PERSONNEL SAFETY AND ADVANCEMENT ...Consultants, Advisory Services; Occupational Hazards; Waste Treatment; ...2.1814

ECONOMIC ANALYSIS OF OPTIMAL WATER QUALITY MANAGEMENT ...Economic Theory; Indiana; Management; Management (water); Model Studies; Optimization, Economic; Systems Analysis - Water Mgmt; ...2.1830

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water - Alternative Uses; Water Costs; Water Reuse; Water Standards & Baselines; ...2.1832

THE POLITICAL AND ADMINISTRATIVE PROBLEMS OF INSURING APPROPRIATE RESIDENTIAL SERVICES IN THE PERRY AND CLINTON RESERVOIR AREAS ...Government - see Federal Gov.; Kansas; Legal Studies; Reservoirs and Impoundments; Social Aspects; Taxes - State Or Local; ...2.1834

STUDY OF A RIVER SYSTEM AS A CHEMICAL REACTOR (PHASE II) ...Atlantic Ocean; Data Acquisition; Development of Models, Industrial Wastes; Model Studies; Optimization, Economic; Pulp and Paper Wastes; River Basins; Systems Analysis - Water Mgmt; Water Purification; ...2.1836

LEGAL ASPECTS OF WATER POLLUTION CONTROL THROUGH IMPLEMENTATION OF THE EFFLUENT CHARGE CONCEPT ...Effluents - Waste Water; Legal Studies; Maine; State Government; Water Standards & Baselines; ...2.1838

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Community - Social Studies; Effluents - Waste Water; Legal Studies; Optimization, Economic; Water Costs; Water Resources Planning; Water Standards & Baselines; Welfare Economics; ...2.1844

DATA COLLECTION ECONOMICS FOR WATER POLLUTION CONTROL STUDIES ...Data Acquisition; Economic Efficiency; Northeast U. S.; Statistics; ...2.1845

INPUT-OUTPUT ANALYSIS OF GENERATION AND ELIMINATION OF POLLUTION IN THE UNITED STATES ECONOMY ...Air Pollution; Benefit-cost Analysis, Income Development & Growth; Process Development; Water Chemistry; ...2.1848

IMPACT OF WATER QUALITY CONTROLS ...Agricultural Studies -general; Michigan; Water Standards & Baselines; Water Supply -general; ...2.1855

A SURVEY OF ATTITUDES TOWARDS THE MISSISSIPPI RIVER AS A TOTAL RESOURCE IN MINNESOTA ...Attitudes & Attitude Change; Legal Studies; Mississippi River; Social Aspects; Water Standards & Baselines; ..2.1856

SOCIAL ECONOMIC FACTORS IN THE ADOPTION BY INDUSTRY OF WATER POLLUTION CONTROL MEASURES ...Attitudes & Attitude Change; Data Reduction and Analysis; Industry; Minnesota; Social Aspects; Social Change; Statistics; ...2.1857

METHODOLOGY FOR INTEGRATING WATER QUALITY MANAGEMENT WITH THE MANAGEMENT OF THE TOTAL WATER RESOURCES IN MINNESOTA ...Data Acquisition; Groundwater; Management (water); Minnesota; Water Supply Development; ...2.1858

ECONOMICS OF WATER QUALITY CONTROL IN THE UPPER MISSISSIPPI RIVER (MINNESOTA) ...Benefit-cost Analysis; Disposal Wastes; Minnesota; Model Studies; Waste Treatment Economics; Water Purification; Water Resources Planning; ...2.1860

ECONOMIC IMPACTS OF WATER POLLUTION CONTROL PROGRAMS ON CATTLE FEEDLOTS ...Agricultural Watersheds; Beef Industry; Bos; Water Pollution Abatement; Water Resources Planning; ...2.1864

NEW HAMPSHIRE-TOMORROW - A COOPERATIVE EFFORT TO INITIATE ENVIRONMENTAL DEMONSTRATION PROJECTS & CREATE AWARENESS OF PROBLEM ...Access; Automobile & Components; Business, Office Personnel; Collection; Dyes; Education -see Training; Incineration; New Hampshire;

Recreation, Water Resources; Sprinkler Irrigation; Types; ...2.1868

GOVERNMENTAL AND PRIVATE SERVICES ...Air Pollution; Consultants, Advisory Services; Groundwater; Solid Waste Management; Waste Disposal-see Solid Waste; Waste Management -see Specific; ...2.1871

ADAPTIVE CONTROL THEORY APPLIED IN A CLASS OF DYNAMIC POLLUTION PROBLEMS ...Effluents - Waste Water; Waste Treatment; Water Pollution -see Specifics; Water Pollution Sources; ...2.1872

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Fishery Development - other; Lake Ontario; Pesticides -see Pesticide; Residues in Foods; Water Depth, Water Levels; Water Resources Planning; ...2.1876

EVALUATION OF RECREATIONAL AND CULTURAL BENEFITS OF ESTUARINE USE IN AN URBAN SETTING ...Benefit-cost Analysis; Demand and Use -recreation; Fishing; Recreation, Outdoor; Recreation, Water Resources; Survey - Recreation; Urban Environment; User Expenditures; ...2.1877

A STUDY OF POTENTIAL INSTITUTIONAL ARRANGEMENTS FOR WATER POLLUTION CONTROL IN THE HUDSON-MOHAWK RIVER BASIN ...Administration and Management; Government -see Federal Gov.; Hudson River; Organizational Research; River Basins; Water Quality -general; Water Resources Development, ...2.1878

COST-REDUCING TECHNIQUES OF WASTE DISPOSAL AND OPTIMUM USE OF WATER RESOURCES ...Canning Wastes - see Food Proc.; Food Processing Industries; Industrial Wastes; Optimization, Economic; Waste Treatment; Waste Water Treatment -general; ...2.1890

PUBLIC PARTICIPATION IN WATER POLLUTION CONTROL POLICY AND DECISION MAKING ...Community - Social Studies; Government -see Federal Gov.; North Carolina; Social Aspects; Water Resources Planning; ...2.1891

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Demand and Use -recreation; Economic Efficiency; Eutrophication; Oregon; Recreation, Water Resources; Types of Resources; ...2.1898

ECONOMIC EVALUATION OF WATER POLLUTION CONTROL ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Management (water); Model Studies; Recreation, Water Resources; Welfare Economics; ...2.1899

STATE WATER QUALITY MANAGEMENT INFORMATION SYSTEM ...Data Reduction and Analysis; General Information Services; Information Science; Management (water); Pennsylvania; Water Quality -general; ...2.1902

ECONOMIC EVALUATION OF STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT ...Baseflow; Consumption; Development of Models; Floods; Land Use; Mathematical Models; Recreation, Water Resources; Statistical Models; Urban Research; ...2.1904

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Effluents - Waste Water; Industrial Wastes; Management (water); Potomac River, Systems Analysis - Water Mgmt; Water Costs; ...2.1905

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Easements - Right of Ways; Land Use; Pennsylvania; Storm Water; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1906

CRITERIA FOR DETERMINING ECONOMIC PRIORITIES IN AWARDING SEWAGE FACILITY CONSTRUCTION GRANTS ...Economic Efficiency; Factor Analysis; Pennsylvania; Waste Treatment Economics; Welfare Economics; ...2.1908

SOME LEGAL, SOCIAL AND ECONOMIC PROBLEMS OF GROUNDWATER POLLUTION ...Attitudes & Attitude Change; Legal Studies; Sewage Treatment Plant; Water Costs; ...2.1910

SOCIO-ECONOMIC STUDY OF NARRAGANSETT BAY, RHODE ISLAND ...Agricultural Economics; Benefit-cost Analysis; Demand and Use -recreation; Estuaries; Land Use; Oceanography -general; Rhode Island; Survey Studies (water); ...2.1911

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; ...2.1913

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA ...Administrative Organizations; Federal Government; Law Enforcement; Local Government; Recreation, Water Resources; State Government; Water Conservation -general; Water Resources Planning; ...2.1915

COMMITTEE FOR THE STUDY OF LAND USE AND ENVIRONMENTAL CONTROL ...Land Use; Legal Studies; Legislation - Zoning; State Government; Texas; ...2.1919

PROGRAM PLANNING ON ACTIVITIES OF AGENCIES OF CONCERN TO PUBLIC WATERS ...Biological Water Properties; Fish & Shellfish Biology; Meetings; Vermont; Water Resources Planning; ...2.1923

A STOCHASTIC MODEL FOR POLLUTION IN ESTUARIES ...Estuaries; Management (water); Mathematical Models; Stochastic Processes; ...2.1925

LAW AFFECTING INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Administrative Organizations; Legal Review; Riparian Rights; State Government; Water Pollution Abatement; Water Standards & Baselines; Wisconsin; ...2.1930

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Administrative Organizations; Economic Efficiency; Management (water); Regional Or State Studies; River Basins; Water Resources Development; Wisconsin; ...2.1933

STUDY OF THE APPLICABILITY OF EFFLUENT CHARGES TO WATER QUALITY MANAGEMENT IN THE STATE OF WISCONSIN ...Economic Impact; Literature Search; Water Costs; Water Resources Planning; Wisconsin; ...2.1935

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization - general; ...2.1936

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Coastlines - Shorelines; Economics of Natural Resources; Lake Superior; Recreation, Outdoor; Regional Economics; Solid Waste; Tectonics; ...2.1937

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Wisconsin; ...2.1938

RECOVERY OF AMINO ACIDS FROM POTATO STARCH FACTORY SECONDARY WASTES ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Ion Exchange; Process Development; Product Development Research; Solanum; ...3.0041

SWINE WASTE TREATMENT AND DISPOSAL ...Aeration (water); Animal Wastes - Feed Lots; Effluents - Waste Water; Irrigation; Sewage Lagoons; Waste Disposal on Soils; ...3.0058

WATER AND WASTE MANAGEMENT (MUST) ...Cold Climates; Hospitals; Sanitation; Waste Disposal-see Solid Waste; Water Pollution Sources; Water Supply Development; ...3.0064

CHEMICAL REACTIONS OF WOODS AND BARKS ...California; Combustion; Fuels; Industrial Wastes; Pulp and Paper Wastes; Pulp-waste; Water Chemistry; Wet Oxidation; ...3.0065

COMPUTER SIMULATION AND DESIGN OF TREATMENT INSTALLATIONS FOR DOMESTIC ...Mathematical Models; Process Design; Sewage - Domestic; Simulation Theory; Waste Treatment Economics; ...3.0088

ANIMAL WASTE MANAGEMENT WITH POLLUTION CONTROL ...Air Pollution -see Specifics; Biochemical Oxygen Demand; Environmental Resistance-animals; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage Lagoons; Space Requirements; Taste & Odor of Water; ...3.0132

IMPROVE METHODS, EQUIPMENT & FACILITIES FOR HANDLING WASTE MATERIAL FROM LIVESTOCK MARKETS & FEEDLOT ...Agricultural Runoff; Costs -see Economics Entries; Farm Animal Wastes; Lagoon; Taste & Odor of Water; Water Costs; ...3.0203

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Air Pollution -see Specifics; Bacterial Ecology; Chlorine; Farm Animal Wastes; Loam -see Soil Types; Poultry -nonspecific; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Microbiology; Soil Types - also See Specifics; Waste Disposal on Soils; ...3.0223

SURVEY OF PULP AND PAPER MILL EFFLUENT CONTROL AND TREATMENT ...Effluents - Waste Water; Industrial Wastes; Pulp and Paper Wastes; Survey Studies (water); Waste Water Treatment -general; Water Pollution Abatement; Water Resources Protection; ...3.0255

CATTLE FEEDLOT PEN DESIGN ...Biochemical Oxygen Demand; Chemical Oxygen Demand; Farm Animal Wastes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sludge; ...3.0273

DOUGLAS FIR BARK AS A FILTER MEDIA FOR THE DISPOSAL OF ANIMAL WASTES ...Animal Wastes - Feed Lots; Effluents - Waste Water; Farm Animal Wastes; Groundwater; Nitrogen and Nitrogen Cpds.; Plant Waste Removal, Treatment; Trickling Filters; Waste Disposal on Soils; ...3.0279

WASTE DISPOSAL FROM FOOD PROCESSING PLANTS IN SOUTH CAROLINA ...Canning Wastes -see Food Proc.; Effluents - Waste Water; Infiltration; Organic Water Properties; Pilot Plants; Safety -see Farm Safety; South Carolina; Waste Management -see Specific; Water Purification; ...3.0310

FARM WASTE DISPOSAL ...Aerobic Waste Water Treatment; Animal Wastes - Feed Lots; Farm Animal Wastes; Irrigation; Model Studies; Physical Models; Sewage Lagoons; Tennessee; ...3.0316

SOIL TREATMENT OF CATTLE FEEDLOT RUNOFF ...Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Rainfall - Runoff Relationship; Waste Disposal on Soils; ...3.0322

FECAL COLIFORM DIEOFF IN SEWAGE TREATMENT LAGOONS ...Algae -nonspecific; Chlorination; Effluents - Waste Water; Pseudomonas; Sewage; Sewage Lagoons; Water Pollution -see Specifics; Zooplankton; ...3.0356

A NEW PRACTICAL APPROACH TO DAIRY WASTES ...Bacteria; Farm Animal Wastes; Impaired Water Use; Waste Disposal on Soils; ...3.0392

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

PESTICIDE MONITORING PROGRAM LAKE MICHIGAN ...Algae -nonspecific; Environment Accumulation Rates; Fish; Lakes; Pesticide in Food Chains; Pesticides -see Pesticide; Water Pollutants - Path of; ...4.0028

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer - see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; Water Standards & Baselines; ...4.0031

WATER AND SOIL POLLUTION BY FARM CHEMICALS IN THE LOWER MISSISSIPPI DELTA ...Agricultural Runoff; Chemical Degradation; DDT; Deltas; Drainage; Endrin; Groundwater; Mississippi River; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Rain; Saccharum; Water Cycle; ...4.0036

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT; Northeast U. S.; Pesticide Residues; Preventative Measures; Sediments; Water Pollutant Identification; Water Wells; ...4.0037

PREVENTION OF PESTICIDE POLLUTION FROM COASTAL INSECT CONTROL PROGRAMS ...Agricultural Runoff; Bays; Degradation; Estuaries; Fish; Lakes; North Carolina; Pesticide in Food Chains; Pesticides -nonspecific; Preventative Measures; Tissue Accumulation Rates; Water Pollution Effects; ...4.0059

BASIC PHYSIOLOGY OF AQUATIC WEEDS IN THE SOUTHEAST ...Aquatic Plants -nonspecific; D, 2,4-; Diquat; Farm Pond; Haloragaceae; Mineral Nutrition; Pesticide Interaction With Env; Pesticide Residues; Petroleum Cpds. -nonspecific; Plant Phenology, Silvex; Temperature (water); ...4.0939

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Agricultural Watersheds; Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling; Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; ...4.1024

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; Watersheds; ...4.1026

DETERMINATION OF U-235 ENRICHMENT IN UNIRRADIATED URANIUM BEARING STREAMS ...Radioactive Isotopes; Uranium; Water Pollution Sources; X-ray Spectroscopy; ...5.0002

Water Resources Development

DEVELOPMENT OF A HYDROLOGICAL CONCEPT FOR THE GREATER MOBILE METROPOLITAN-URBAN ENVIRONMENT ...Alabama; Groundwater; Management (water); Saline Water Intrusion; ...2.0003

EVALUATION OF THE MAGOTHY AQUIFER - ANNAPOLIS AREA, MARYLAND ...Aquifers; Drilling and Coring; Management (water); Model Studies; Saline Water Intrusion; Size; ...2.0169

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Algae -nonspecific; Biological Water Properties; Data Acquisition; Deposits; Estuaries; Marine Environments; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Urban Research -general; ...2.0180

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography; Forecasting - Prediction; Land Use; New Jersey; River Basins; Urban Environment; Urban Research; Water Pollution Sources; Water Utilization -domestic; ...2.0251

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

EVALUATION OF ENGINEERING PROJECTS AND ESTUARINE DATA (ESTUARINE PROGRAM) ...Animal Habitat Studies; Construction Sites; Fish; Gulf of Mexico; Water Quality Control -general; ...2.0383

SAND AND GRAVEL AQUIFERS OF NORTHEASTERN ILLINOIS ...Aquifers; Artificial Recharge; Illinois; Size; Surficial Geology Studies; ...2.0579

MACROBENTHOS AS INDICATORS OF ECOLOGICAL CHANGE ...Aquatic Ecology - Animal; Benthic Fauna; Chemical Water Properties; Physical Water Properties; River Basins; Water Pollutant Identification; ...2.0816

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Chemical Oxygen Demand; Farm Animal Wastes; Food Processing Industries; Plant Waste Removal, Treatment; Solid Waste; Water Costs; ...2.1213

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation, Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Table; ...2.1305

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

ECOLOGICAL IMPACTS OF RECLAMATION PROJECTS ...Aquatic Ecology - Animal; Ecological Effects; Plant Freshwater Ecology; Reservoirs and Impoundments; Water Distribution Systems; ...2.1508

IDENTIFYING ENVIRONMENTAL QUALITY ATTRIBUTES IN WATER RESOURCES ...Aquatic Ecology - Animal; Economics - recreation; Environment; Land Use, Modification Effects; Recreation, Water Resources; Social Aspects; Wilderness Recreation; ...2.1741

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

EVALUATION OF BENEFIT-COST ESTIMATION OF THE ECOLOGIC AND ECONOMIC IMPACTS FROM WATER RESOURCES CONSERVATION AND DEVELOPMENT ...Benefit-cost Analysis; Ecological Effects; Georgia; Small Watersheds; Water Conservation -general; Water Resources Planning; ...2.1816

DEVELOPMENT OF COST CRITERIA FOR WATER SUPPLY ...Illinois; Urban Environment; Water - Alternative Uses; Water Transfer; ...2.1824

A QUANTITATIVE ANALYSIS OF LANDSCAPE ESTHETICS, WITH SPECIAL REFERENCE TO STREAM AND VALLEY SYSTEMS AND RELATED WATER AND LAND RESOURCES ...Indiana; Landscaping; Social Aspects; Temperate Climates; Water Quality -general; Water Utilization -domestic; Wild Rivers; ...2.1829

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

THE ECONOMICS OF WATER SUPPLY AND QUALITY ...Benefit-cost Analysis; Estuaries; River Basins; Water Pollution Abatement; Water Resources Planning; ...2.1847

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Floods; Inventories; Minnesota; Recreation, Water Resources; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1859

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Industrial Wastes; Irrigation; Legal Studies; Sanitary Landfills; State Government; Water Quality -general; Water Rights; Water Utilization -domestic; ...2.1862

A STUDY OF POTENTIAL INSTITUTIONAL ARRANGEMENTS FOR WATER POLLUTION CONTROL IN THE HUDSON-MOHAWK RIVER BASIN ...Administration and Management; Government -see Federal Gov.; Hudson River; Organizational Research; River Basins; Water Quality -general; ...2.1878

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries; General Recreation Studies; Long Island Sound; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Resources Planning; ...2.1880

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Recreation, Water Resources; Water Allocation; Water Resources Protection; Water Utilization -domestic; ...2.1881

INSTITUTIONAL SEA GRANT SUPPORT ...Acipenseridae; Dredging; Estuaries; Legal Review; Marine Animals; North Carolina; Serranidae; ...2.1886

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Delaware River; Effluents - Waste Water; Estuaries; Industrial Wastes; Sedimentation; Waste Disposal-see Solid Waste; Water Utilization -general; ...2.1903

USE OF ADVANCED WATER RESOURCES PLANNING TECHNIQUES IN THE DEVELOPMENT OF REGIONAL WATER MANAGEMENT PROGRAMS ...Industrial Wastes; Model Studies; River Basins; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Planning; ...2.1912

ANALYSIS OF WATER RESOURCES ADMINISTRATIVE AGENCIES ...Administration and Management; Management (water); Recreation, Water Resources; Types of Resources; Water Quality -general; Water Resources Planning; ...2.1926

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Administrative Organizations; Economic Efficiency; Management (water); Regional Or State Studies; River Basins; Water Quality Control -general; Wisconsin; ...2.1933

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

WATER RESOURCE OPERATIONS STUDY ...Economic Theory; Operations Research; Water Cycle; Water Quality -general; Water Transfer; Water Utilization -general; Wyoming; ...2.1941

Water Resources Planning

ALABAMA ENVIRONMENTAL STUDY-CONFERENCE PROJECT ...Air Pollution; Government -see Federal Gov.; Planning; Water Conservation -general; Water Quality -general; ...1.0475

SEDIMENT PROCEDURES DEVELOPMENT AND RESERVOIR SEDIMENTATION ...Channels; Data Acquisition; Deltas; Erosion; Rate of Deposition; Sediment Transport; Sedimentation; Streams; Survey Studies (water); ...2.0061

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies; Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; ...2.0080

OIL SPILL CONTROL FACILITY ...Connecticut River; Petroleum Wastes - Spillage; Ships and Cruises; Water Resources Protection; ...2.0083

HYDROGEOLOGY OF A WELL FIELD ...Connecticut; Flow Characteristics (water); Geology -general; Soil Tillage; Water Quality -general; Water Wells; ...2.0367

STATUS OF THERMAL POLLUTION AND RESEARCH NEEDS ...Bibliography; Chemical Water Properties; Hydraulics; Thermal Pollution; Water Quality Control -general; ...2.0371

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity - general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; ...2.0373

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; ...2.0374

A METHOD FOR ASSESSING THE EXTENT OF POLLUTION FROM STORMWATER RUNOFF FROM AN URBAN AREA ...Benefit-cost Analysis; Sewer Systems; Storm Sewer Quantity; Systems Analysis - Water Mgmt; Urban Runoff; ...2.0490

WATER QUALITY MANAGEMENT DECISIONS IN COLORADO ...Administrative Organizations; Colorado; Law Enforcement; Management (water); Water Pollutant Identification; Water Quality -general; Water Standards & Baselines; ...2.0520

APPLIED ECOLOGICAL STUDY OF SPRING CREEK, FORT COLLINS, COLORADO ...Annelida; Invertebrates -nonspecific; Species Diversity Measurement; Water Pollution Sources; Watersheds; ...2.0522

A MULTI-PHASIC COMPONENT STUDY TO PREDICT STORM WATER POLLUTION FROM URBAN AREAS ...Benefit-cost Analysis; Forecasting - Prediction; Rainfall - Runoff Relationship; Storm Water; Systems Analysis - Water Mgmt; Urban Runoff; ...2.0531

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage, Runoff (water); Snow Amount; Spacecraft Sensory Devices; Wetlands; ...2.0540

BACTERIOLOGICAL STUDY OF THE POLLUTION OF KANEOHE BAY, OAHU ...Aquatic Distribution; Bacterial Ecology; Bays; Hawaii; Intestinal Bacteria; Nitrogen and Nitrogen Cpds.; Sewage; Water Pollutant Identification; ...2.0563

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; ...2.0592

WATER RESOURCES OF THE BOWLING GREEN AREA, KENTUCKY ...Aquifers; Cooperative Studies; Floods; Groundwater Movement; Land Use; Water Supply -general; ...2.0602

A PROPOSAL TO DEVELOP A PLAN FOR THE CONSTRUCTION AND TESTING OF WATER POLLUTION FORECASTING MODELS ...Forecasting - Prediction; Mathematical Models; Water Costs; Water Quality Control -general; Water Supply - general; ...2.0660

MULTI-BASIN WATER QUALITY SIMULATION ...Canals; Flood Routing; Land Use; Texas; Water Costs; Water Standards & Baselines; ...2.0810

ORGANIC-MATTER BUDGET FOR PUGET SOUND ...Animal Productivity; Fish; Hippolyte; Marine Plants, Mineralogical Water Properties; Organic Water Properties; Pleuronectidae; Soil Tillage; Water Pollutant Identification; ...2.0847

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF WATER QUALITY ...Aircraft Remote Sensing; Data Reduction and Analysis; Internal Reflection; Legislation - Zoning; Water Pollutant Identification; Wisconsin; ...2.0857

APPLICATION OF REMOTE SENSING TO HYDROGEOLOGY ...Baseflow; Geology -general; Groundwater Movement; Sanitary Landfills; Soil Tillage; ...2.0866

NITRIFICATION--DISSOLVED OXYGEN RELATIONSHIPS ...Aeration (water); Illinois River; Water Standards & Baselines; ...2.0892

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis; Management (water); Multiple Purpose Reservoirs; Potable Water; Regional Economics; Social Aspects; Waste Water Treatment -general; ...2.0967

SEDIMENTATION AND CONTAMINANT CRITERIA FOR WATER RESOURCES PLANNING AND MANAGEMENT ...Dispersion (water); Management (water); Sedimentation; Water Pollutants - Path of; Water Standards & Baselines; ...2.0984

OPTIMIZING STRATEGY FOR STATE WATER POLLUTION CONTROL IN THE POST 'PLAN OF IMPLEMENTATION' PERIOD ...Administrative Organizations; Massachusetts; Optimization, Economic; Survey Studies (water); Water Quality Control -general; ...2.1039

RELATION OF PASS OPENINGS ON PHYSICAL EXCHANGE AND SALINITY IN ESTUARIES ...Estuaries; Saline Water Intrusion; Salinity (water); Shoreline Structures; Texas; ...2.1106

LAKE DIKING AS A WATER POLLUTION MANAGEMENT TOOL ...Dams -general; Lakes; Management (water); Utah; Water Quality Control -general; ...2.1115

ESTABLISHING GUIDES FOR COORDINATING URBAN PLANNING AND THE DESIGN, ENGINEERING, AND CONSTRUCTION OF URBAN STORM RUN-OFF SYSTEMS ...Erosion; Floodplains; Rainfall - Runoff Relationship; Urban Environment; Urban Planning; Water Pollution Abatement; ...2.1130

IMPROVING SURFACE WATER CONDITIONS THROUGH CONTROL AND DISPOSAL OF AQUATIC VEGETATION ...Economic Efficiency; Eutrophication; Pest Control Measures; Plant Pollutants; Water Quality Control -general; Wisconsin; ...2.1135

IMPACT OF CHANGES IN TECHNOLOGY ON WATER USE ...Agricultural Economics; Consumptive Use (water); Government -see Federal Gov.; Water Costs; Water Standards & Baselines; ...2.1219

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations; Drainage; Sewage; Storm Water; Urban Planning; Urban Research -general; Water Quality Control -general; Water Supply -general; ...2.1224

AMES DESIGN PARAMETERS ...Government -see Federal Gov.; Iowa; Sand Filters; Waste Treatment; Waste Treatment Economics; Waste Water Treatment -general; ...2.1269

UNDERGROUND DISPOSAL OF LIQUID WASTES IN BRACKISH WATER FORMATIONS, MARYLAND ...Artificial Recharge; Chemical Water Properties; Cooperative Studies; Government -see Federal Gov.; Maryland; Soil Tillage; Waste Disposal, Underground; ...2.1286

COMMUNITY ADOPTION OF WATER RECYCLING SYSTEMS ...Community - Social Studies; Social Aspects; Urban Environment; Water Supply -general; ...2.1301

DEVELOPMENT OF CRITERIA FOR REGIONALIZATION OF WATER WASTES MANAGEMENT SYSTEMS ...Administrative Organizations; Management (water); Social Aspects; Waste Disposal-see Solid Waste; Water Costs; Water Standards & Baselines; ...2.1403

TOCKS ISLAND REGION ENVIRONMENTAL STUDY (TIRES) ...Delaware River; Federal Government -see Gov.; Government - see Federal Gov.; Sewer Systems; Waste Disposal-see Solid Waste; Water Supply Development; ...2.1408

A STUDY OF NATIONAL POLICY ALTERNATIVES FOR URBAN WATER MANAGEMENT ...Benefit-cost Analysis; Literature Search; Management (water); Urban Environment; Waste Disposal-see Solid Waste; Water Costs; ...2.1438

COMPUTER SIMULATION OF EUTROPHICATION ...Algae - nonspecific; Algal Pollutant Sources; Aquatic Ecology - Animal; Computer Methods -general; Environmental Ecology; Estuaries; Eutrophication; Lower Plants; Plant Food Chains; Simulation Theory; Water Pollution Abatement; ...2.1675

LITERATURE RESEARCH ON WATER QUALITY REQUIREMENTS AND TOXICOLOGY OF FISHES ...Contamination - Water; Fish; Marine Animals; Russia; Water Quality -general; ...2.1679

ENVIRONMENTAL QUALITY STUDY PROJECT - THERMAL DISCHARGES AND EFFECTS STUDIES ...Electric Power Plants; Inlets; Outlets; Thermal Pollution; ...2.1723

PROBLEMS RELATED TO THE EFFECTS OF HEATED DISCHARGES FROM THERMAL POWER PLANTS ...Administrative Organizations; Energy Conversion; Generators; Heat Recovery, Industrial; Power Plants -see Specifics; Thermal Pollution; ...2.1740

GROWTH OF THE BROWN BULLHEAD, ICTALURUS NEBULOSUS (LE SUEUR), IN MINE ACID POLLUTED WATER ...Acid Mine Drainage; Aquatic Ecology - Animal; Bullheads; Environment Resistance-animals; Environmental Physiology; Fish Food Supply -other; Management (water); Pollution Effects -see Water; ...2.1771

ENVIRONMENTAL DECISION-MAKING IN THE LAKE TAHOE BASIN ...Coastlines - Shorelines; Environmental Hazards; Eutrophication; Model Studies; Recreation, Water Resources; Urban Environment; ...2.1790

PLANNING AND SPECIAL STUDIES ...Aeration (water); Meetings; Nitrogen and Nitrogen Cpds.; Toxic Minerals; Water Quality -general; ...2.1802

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Economic Efficiency; Legal Review; Management (water); Model Studies; Water Pollution Abatement; Water Quality -general; Water Standards & Baselines; ...2.1805

WATER RESOURCES MANAGEMENT IN DELAWARE ...Benefit-cost Analysis; Delaware; Government -see Federal Gov.; Legal Review; Management (water); Water Quality -general; Water Supply -general; ...2.1806

WATER CYCLES, WATER RESOURCES PLANNING, AND URBAN DEVELOPMENT AT ROOKERY BAY, FLORIDA ...Aquatic Ecology - Animal; Bays; Florida; Social Aspects; Urban Environment; Urban Planning; Urban Research -general; Water Quality -general; ...2.1809

ENVIRONMENTAL QUALITY ...Benefit-cost Analysis; Computer Models; Management (water); Water Quality -general; ...2.1810

EVALUATION OF BENEFIT-COST ESTIMATION OF THE ECOLOGIC AND ECONOMIC IMPACTS FROM WATER RESOURCES CONSERVATION AND DEVELOPMENT ...Benefit-cost Analysis; Ecological Effects; Georgia; Small Watersheds; Water Conservation -general; ...2.1816

A STUDY OF PUBLIC ATTITUDES AND MULTIPLE OBJECTIVE DECISION CRITERIA FOR WATER POLLUTION CONTROL PROJECTS ...Attitudes & Attitude Change; Decision Theory; Management; Markov Chains; Simulation Theory; Water Pollution Abatement; Water Quality -general; ...2.1818

ILLINOIS AND ITS INTERSTATE COMPACTS ...Administrative Organizations; Community Health Services; Illinois; Legal Review; Urban Environment; Urban Research -general; Water Resources Protection; ...2.1819

RESEARCH AND STUDY OF THE CHESAPEAKE BAY ...Administration and Management; Biological Water Properties; Chesapeake Bay; Information Systems; Management (water); Social Aspects; Soil Tillage; Systems Analysis - Water Mgmt; ...2.1840

A METHODOLOGY FOR PLANNING OPTIMAL REGIONAL WASTE MANAGEMENT SYSTEMS ...Management (water); Optimization, Economic; Systems Analysis - Water Mgmt; Waste Treatment Economics; ...2.1841

EVOLUTION OF PUBLIC POLICY ALTERNATIVES IN MAXIMIZING PUBLIC BENEFITS RESULTING FROM WATER QUALITY IMPROVEMENT ...Administrative Organizations; Connecticut River; Expenditures; Finance -see Economics Entries; Lakes; Massachusetts; Model Studies; Riparian Rights; Water Pollution Abatement; ...2.1843

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Community - Social Studies; Effluents - Waste Water; Legal Studies; Optimization, Economic; Water Costs; Water Standards & Baselines; Welfare Economics; ...2.1844

DATA COLLECTION ECONOMICS FOR WATER POLLUTION CONTROL STUDIES ...Data Acquisition; Economic Efficiency; Northeast U. S.; Statistics; Water Quality Control -general; ...2.1845

THE ECONOMICS OF WATER SUPPLY AND QUALITY ...Benefit-cost Analysis; Estuaries; River Basins; Water Pollution Abatement; ...2.1847

MATHEMATICAL WATER QUALITY PLANNING MODELS ...Bays; Harbors; Massachusetts; Model Studies - Water Mgmt; Tides; ...2.1850

A SURVEY OF ATTITUDES TOWARDS THE MISSISSIPPI RIVER AS A TOTAL RESOURCE IN MINNESOTA ...Attitudes & Attitude Change; Legal Studies; Mississippi River; Social Aspects; Water Quality Control -general; Water Standards & Baselines; ...2.1856

ECONOMICS OF WATER QUALITY CONTROL IN THE UPPER MISSISSIPPI RIVER (MINNESOTA) ...Benefit-cost Analysis; Disposal Wastes; Minnesota; Model Studies; Waste Treatment Economics; Water Purification; ...2.1860

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTH MISSISSIPPI ...Benefit-cost Analysis; Economic Impact; Erosion; Land Use; Mississippi; Sediments; Watersheds; ...2.1861

ENVIRONMENTAL PLANNING ALONG MONTANA'S 'BLUE-RIBBON' TROUT STREAMS ...Land Use, Modification Effects; Law Enforcement; Legislation; Montana; Salmonidae; State Government; Water Standards & Baselines; ...2.1863

ECONOMIC IMPACTS OF WATER POLLUTION CONTROL PROGRAMS ON CATTLE FEEDLOTS ...Agricultural Watersheds; Beef Industry; Bos; Water Pollution Abatement; ...2.1864

EFFECT OF WATER MANAGEMENT ON QUALITY OF GROUND WATER AND SURFACE RECHARGE IN LAS

VEGAS VALLEY ...Groundwater; Management (water); Nevada; Recharge (water); Water Pollutants - Path of; ...2.1866

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Consumption; Economic Projections- Forecast; Forecasting - Prediction; Statistics; Water Costs; Water Transfer; ...2.1874

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Fishery Development - other; Lake Ontario; Pesticides -see Pesticide; Residues in Foods; Water Depth, Water Levels; ...2.1876

A STUDY OF POTENTIAL INSTITUTIONAL ARRANGEMENTS FOR WATER POLLUTION CONTROL IN THE HUDSON-MOHAWK RIVER BASIN ...Administration and Management; Government -see Federal Gov.; Hudson River; Organizational Research; River Basins; Water Quality -general; Water Resources Development; ...2.1878

STOCHASTIC MODELS FOR WATER RESOURCES MANAGEMENT ...Economic Theory; Management (water); River Basins; Stochastic Models; Water Allocation; Water Supply Augmentation; ...2.1879

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries; General Recreation Studies; Long Island Sound; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Pollution Effects; ...2.1880

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Recreation, Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization -domestic; ...2.1881

STOCHASTIC BASIS FOR COMPREHENSIVE RIVER BASIN PLANNING, PHASE II ...Benefit-cost Analysis; Confidence Intervals; Digital Computer Applications; Hudson River; Monte Carlo Methods; Optimization Technique; River Basins; Systems Analysis; Waste Treatment Economics; Water Purification; ...2.1883

STUDY OF INSTITUTIONAL ARRANGEMENTS FOR MANAGEMENT OF REGIONAL SEWERAGE PLANS FOR THE TOCKS ISLAND REGION OF THE DELAWARE ...Delaware River; Interstate; Management (water); River Basins; Sewer Systems; State Government; ...2.1884

ENVIRONMENTAL CONSIDERATIONS IN LAND AND WATER USE PLANNING IN RIVER BASINS ...Land Use; North Carolina; Plant Ecology -nonspecific; Recreation, Water Resources; River Basins; Types of Resources; Urban Environment; ...2.1887

PUBLIC PARTICIPATION IN WATER POLLUTION CONTROL POLICY AND DECISION MAKING ...Community - Social Studies; Government -see Federal Gov.; North Carolina; Social Aspects; Water Quality Control -general; ...2.1891

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; Lakes; North Carolina; Soil Cover Crops; Surveying; Urban Research -general; Water Quality -general; Water Yield; Weather Data; ...2.1892

COMMUNITY REACTIONS TO WATER RESOURCES PROBLEMS IN RELATION TO PLANNING ...Community - Social Studies; Floods; Social Aspects; Urban Environment; Urban Planning; Water Pollution Sources; Water Supply -general; ...2.1895

PUBLIC INVESTMENT CRITERIA FOR WATER-ORIENTED RECREATION IN THE LAKE ERIE BASIN ...Benefit-cost Analysis; Costs -see Economics Entries; Finance -see Economics Entries; Lake Erie; User Expenditures; Water Quality -general; Water Standards & Baselines; ...2.1896

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Delaware River; Effluents - Waste Water; Estuaries; Industrial Wastes; Sedimentation; Waste Disposal-see Solid Waste; Water Resources Development; Water Utilization -general; ...2.1903

ECONOMICS OF WATER QUALITY IN A REGIONAL SYSTEM ...Aeration (water); Benefit-cost Analysis; Effluents - Waste Water; Industrial Wastes; Management (water); Potomac River; Systems Analysis - Water Mgmt; Water Costs; Water Quality Control -general; ...2.1905

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Easements - Right of Ways; Land Use; Pennsylvania; Storm Water; Urban Research -general; Waste Disposal-see Solid Waste; Water Supply Development; ...2.1906

USE OF ADVANCED WATER RESOURCES PLANNING TECHNIQUES IN THE DEVELOPMENT OF REGIONAL WATER MANAGEMENT PROGRAMS ...Industrial Wastes; Model Studies; River Basins; Systems Analysis - Water Mgmt; Water Quality -general; ...2.1912

ADMINISTRATIVE LAW, PROBLEMS AND POTENTIALS, IN WATER RESOURCES (PHASE 2) PLANNING FOR SOUTH CAROLINA ...Administrative Organizations; Federal Government; Law Enforcement; Local Government; Recreation, Water Resources; State Government; Water Conservation -general; ...2.1915

URBAN WATER POLICY AS AN INPUT IN URBAN GROWTH POLICY ...Government -see Federal Gov.; Land Use; Sewer Systems; Survey Studies (water); Urban Planning; ...2.1916

WATER RESOURCES STUDY BY TEXAS WATER RESOURCES COMMITTEE ...Administrative Organizations; Finance -see Economics Entries; Legal Studies; State Government; Water - Alternative Uses; ...2.1918

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Cost-benefit Analysis; Land Use; Optimization, Economic; Recreation, Outdoor; Texas; User Characteristics -rec.; Water Resources Protection; ...2.1920

PROGRAM PLANNING ON ACTIVITIES OF AGENCIES OF CONCERN TO PUBLIC WATERS ...Biological Water Properties; Fish & Shellfish Biology; Meetings; Vermont; ...2.1923

A NEW LOOK AT THE OCEAN RECREATION MARKET ...Coastlines - Shorelines; Environment; Erosion; Ocean Waves - see Waves; Recreation, Water Resources; Shoreline Structures; Types of Resources; ...2.1924

ANALYSIS OF WATER RESOURCES ADMINISTRATIVE AGENCIES ...Administration and Management; Management (water); Recreation, Water Resources; Types of Resources; Water Quality -general; ...2.1926

ANALYSIS OF ENGINEERING ALTERNATIVES FOR ENVIRONMENTAL PROTECTION FROM THERMAL DISCHARGES ...Ecological Effects; Electric Power Plants; Energy Conversion; Power Plants -see Specifics; Social Aspects; Thermal Pollution; ...2.1927

SOCIO-ECONOMIC AND LEGAL CONSIDERATIONS IN THE MANAGEMENT OF PUGET SOUND ESTUARINE RESOURCES ...Administrative Organizations; Demand and Use - recreation; Electric Power Plants; Estuaries; Generators; Harbors; Legal Studies; Power Plants -see Specifics; Recreation, Outdoor; Regional Economics; Social Aspects; Water Pollution Effects; ...2.1929

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT - A CASE STUDY OF THE WISCONSIN RIVER BASIN ...Administrative Organizations; Legal Studies; Management (water); Regional Or State Studies; River Basins; Water Quality - general; Wisconsin; ...2.1932

STUDY OF THE APPLICABILITY OF EFFLUENT CHARGES TO WATER QUALITY MANAGEMENT IN THE STATE OF WISCONSIN ...Economic Impact; Literature Search; Water Costs; Wisconsin; ...2.1935

SOCIAL AND ECONOMIC ASPECTS OF THE GREAT LAKES PROGRAM ...Coastlines - Shorelines; Economics of Natural Resources; Lake Superior; Recreation, Outdoor; Regional Economics; Solid Waste; Tectonics; Water Quality Control - general; ...2.1937

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; Wisconsin; ...2.1938

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY Animal Wastes - Feed Lots; Economic Efficiency; Environment; Erosion; Livestock - nonspecific; Optimization, Economic; Pesticides -nonspecific; Sediments; Welfare Economics; ...4.1013

Water Resources Protection

PUBLIC POLICY INTERVENTION IN INTER-INDUSTRY FLOWS OF GOODS AND SERVICES TO REDUCE POLLUTION ...Air Pollution Effects; Benefit-cost Analysis; Energy Conversion; Government -see Federal Gov.; Legal Studies; Petroleum Industry; Regulatory & Legal; Social Aspects; ...1.0481

OIL SPILL CONTROL FACILITY ...Connecticut River; Petroleum Wastes - Spillage; Ships and Cruises; Water Resources Planning; ...2.0083

NUTRIENT & WATER INPUTS & OUTGO FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; Weather Data; ...2.0100

MODELING AND OPTIMIZATION OF THERMAL POLLUTION CONTROL SYSTEMS ...Computer Models; Electric Power Plants; Forecasting - Prediction; Mathematical Models; Thermal Pollution; ...2.0157

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

MINING OPERATIONS FOR THE REDUCTION OF HARMFUL DRAINAGE FROM UNDERGROUND COAL MINES ...Acid Mine Drainage; Coal; Mine Engineering; Survey Studies (water); Underground Workings; Water Pollution Abatement; ...2.0433

BEHAVIOR AND CONTROL OF CONTAMINANTS IN SURFACE WATERS ...Destratification; Public Utilities; Reservoirs and Impoundments; Thermal Pollution; Water Pollutant Identification; ...2.0928

CHANNELIZATION STUDIES ...Channel Geometry; Fluid Mechanics; Reservoirs and Impoundments; Sedimentation; Sediments; ...2.1062

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency; Flow Characteristics (water); Industrial Wastes; Model Studies; North Carolina; Systems Analysis - Water Mgmt; Water Quality -general; ...2.1104

ESTABLISHING GUIDES FOR COORDINATING URBAN PLANNING AND THE DESIGN, ENGINEERING, AND CONSTRUCTION OF URBAN STORM RUN-OFF SYSTEMS ...Erosion; Floodplains; Rainfall - Runoff Relationship; Urban Environment; Urban Planning; Water Pollution Abatement; Water Resources Planning; ...2.1130

EFFECT OF PHOSPHORUS REMOVAL PROCESSES ON ALGAL GROWTH ...Algae -nonspecific; Eutrophication; Nitrogen and Nitrogen Cpds.; Nutrients; Phosphorus and Phosphorus Cpds; Recreation, Water Resources; Waste Water Treatment -general; ...2.1177

IMPROVED EXTRACTION SYSTEM - WATER CONTROL - CONTROL TECHNIQUES, FIELD TESTING AND EVALUATION ...Acid Mine Drainage; Analytical Instruments; Coal; Data Acquisition; Geology -general; Mine Atmosphere Conditions; Soil Tillage; ...2.1402

WATER RESOURCES POTENTIAL OF AN URBAN ESTUARY ...Biological Water Properties; Construction Land Use Effects; Engineering Structures-general; Floods; Model Studies; Nutrients; Physical Water Properties; Recreation, Water Resources; Sediments; Urban Environment; Water Loss Control; ...2.1581

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Biological Water Properties; Destratification; Flow Characteristics (water); Model Studies; Physical Water Properties; Reservoirs and Impoundments; Tennessee; Water Quality Control -general; Water Supply -general; ...2.1713

PLANNING AND SPECIAL STUDIES ...Aeration (water); Meetings; Nitrogen and Nitrogen Cpds.; Toxic Minerals; Water Quality -general; Water Resources Planning; ...2.1802

ILLINOIS AND ITS INTERSTATE COMPACTS ...Administrative Organizations; Community Health Services; Illinois; Legal Review; Urban Environment; Urban Research -general; ...2.1819

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTH MISSISSIPPI ...Benefit-cost Analysis; Economic Impact; Erosion; Land Use; Mississippi; Sediments; Water Resources Planning; Watersheds; ...2.1861

ECONOMIC IMPACTS OF WATER POLLUTION CONTROL PROGRAMS ON CATTLE FEEDLOTS ...Agricultural Watersheds; Beef Industry; Bos; Water Pollution Abatement; Water Resources Planning; ...2.1864

CONSERVATION AND DEVELOPMENT PLANNING FOR THE ESTUARINE ZONE (A CASE STUDY IN THE TOWN OF SOUTHOLD, LONG ISLAND) ...Administrative Organizations; Estuaries; General Recreation Studies; Long Island Sound; Mollusca; Sediments; Systems Analysis - Water Mgmt; Water Pollution Effects; Water Resources Planning; ...2.1880

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Recreation, Water Resources; Water Allocation; Water Resources Development; Water Utilization -domestic; ...2.1881

ECONOMIC EVALUATION OF WATER POLLUTION CONTROL ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Management (water); Model Studies; Recreation, Water Resources; Water Quality Control -general; Welfare Economics; ...2.1899

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Easements - Right of Ways; Land Use; Pennsylvania; Storm Water; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; Water Supply Development; ...2.1906

ALTERNATIVE DEVELOPMENT PATTERNS, PLANS, CONTROLS AND IMPACT ASSOCIATED WITH NEW RESERVOIRS ...Administrative Organizations; Cost-benefit Analysis; Land Use; Optimization, Economic; Recreation, Outdoor; Texas; User Characteristics -rec.; Water Resources Planning; ...2.1920

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation, Water Resources; Transportation; Water Control Works -general; ...2.1928

INVESTIGATION OF FISH DIVERSIFICATION AND DISTRIBUTION IN BIG CREEK AND ITS WATERSHED ...Aquatic Ecology - Animal; Chemical Measurements (water); Dams -general; Environmental Ecology; Fishing; Physical Water Properties; Population Dynamics -general; Recreation, Water Resources; Survey Studies (water); Vertical Distribution; ...3.0013

DISPOSAL AND UTILIZATION OF DAIRY AND POULTRY MANURES BY LAND APPLICATION ...Agricultural Runoff; Bos; Farm Animal Wastes; Poultry -nonspecific; Waste Disposal on Soils; ...3.0156

SURVEY OF PULP AND PAPER MILL EFFLUENT CONTROL AND TREATMENT ...Effluents - Waste Water; Industrial Wastes; Pulp and Paper Wastes; Survey Studies (water); Waste Water Treatment -general; Water Pollution Abatement; Water Quality Control -general; ...3.0255

THE PHYSIOLOGY AND CHEMICAL CONTROL OF AQUATIC WEEDS IN THE SOUTHEAST ...Amaranthaceae; Canals; Concentrates; Diquat; Fish; Granules, Capsules; Hydrocharitaceae; Lakes; Pesticide Evaluation; Pesticides -see Pesticide; Pontederiaceae; ...4.0020

Water Reuse

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Suspension; Urban Runoff; Watersheds; ...2.0019

INORGANIC & ORGANIC IMPURITIES OF IRRIGATION WATERS AFFECTING SOIL PROPERTIES AND PLANT GROWTH ...Chenopodiaceae; Climate; Computer Methods - general; Drainage; Groundwater Basins; Infiltration; Irrigation; Lysimeters; Percolation (water); Seepage (water); Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Soil Structure - other; ...2.0031

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; ...2.0237

VIROLOGICAL METHODS RESEARCH IN WATERS ...Food Contamination; Recreation, Water Resources; Safety - Recreation; Viral Pollutant Sources; Viruses - Animal; Water Pollution - see Specifics; ...2.0467

TESTS OF EFFICIENCY OF CHANGES IN FILTER DESIGN AND FILTER MEDIA ...Captive Rearing; Denitrification -see Nitrogen; Filtration; ...2.0838

INVESTIGATION INTO THE POSSIBLE AGRICULTURAL USE OF RECONDITIONED WATER FROM THE PROPOSED SOUTH-EASTERN PURIFICATION PLANT ...Australia; Foreign Agriculture; Recycle Water; Waste Treatment; Water Utilization - plant; ...2.0873

ARTIFICIAL RECHARGE OF TREATED SEWAGE WATER AT BAY PARK, NEW YORK ...Aquifers; Chemical Analysis (water); Detectors and Sensors; Geochemical Analysis (water); Hydraulics; Materials, Composite; Potable Water; Saline Water Intrusion; Specific Rock Unit; Water Conservation -general; ...2.0922

REUSE OF PLANT EFFLUENT AND COOLING WATER BLOWDOWN AS PROCESS WATER ...Activated; Biochemical Oxygen

Demand; Chemical Oxygen Demand; Digestion; Pond; Sewer Systems; ...2.0924

DISINFECTION OF RENOVATED WASTEWATER ...Chlorination; Disinfection; General Recreation Studies; Ozonization; Sewage - Domestic; ...2.0931

HYDROUS METAL OXIDES - THEIR GEOCHEMISTRY AND EFFECT ON WATER QUALITY ...Adsorption; Adsorption Capacity; Geochemical Analysis (water); Physiological Effects; Water Pollution -see Specifics; ...2.0969

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

TUCSON WASTEWATER RECLAMATION PROJECT ...Arizona; Filtration; Fish; Pilot Plants; Waste Water Treatment -general; Water Supply -general; Water Utilization -domestic; ...2.1154

TURFGRASS MANAGEMENT-USE OF RECLAIMED WASTE WATER - USE OF TURF AND ORNAMENTALS ...Agricultural Runoff; Arizona; Impaired Water Use; Irrigation; Parks; Runoff (water); Turf; Waste Disposal on Soils; ...2.1156

REMOVAL OF PHOSPHATE AND SECONDARY B.O.D. FROM TERTIARY TREATED WASTEWATER BY AQUATIC ANIMALS ...Algae -nonspecific; Boating; Fish; Fishing; Mollusca; Recreation, Water Resources; Sewage Lagoons; Waste Water Treatment -general; ...2.1159

ECOLOGICAL AND PHYSIOLOGICAL IMPLICATIONS OF GREENBELT IRRIGATION ' ...California; Fire Prevention; Groundwater; Irrigation; Plant Ecology -nonspecific; Sewage; Waste Disposal on Soils; ...2.1189

ECONOMIC AND INSTITUTIONAL ANALYSIS OF A WASTE WATER RECLAMATION AND REUSE PROJECT ...Administrative Organizations; Economic Impact; Waste Water Treatment -general; Water Supply -general; Water Supply Augmentation; ...2.1192

WATER TREATMENT BY REVERSE OSMOSIS METHOD ...Economic Efficiency; Fresh Water; Membranes; Pilot Plants; Reverse Osmosis; Waste Water Treatment -general; ...2.1195

EVALUATION OF TREATMENT FOR URBAN WASTEWATER REUSE ...Coagulation; Colorado; Filtration; Pilot Plants; Urban Environment; Urban Research -general; ...2.1197

CONCENTRATION OF SUGAR BEET WASTES FOR ECONOMIC TREATMENT WITH BIOLOGICAL SYSTEMS ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Effluent-standards; Precipitation; Waste Treatment Economics; ...2.1199

ECONOMIC AND ENGINEERING ASPECTS OF WATER IN DELAWARE'S AGRI-BUSINESS INDUSTRY ...Agricultural Studies -general; Delaware; Food Processing Industries; Irrigation; Plant Waste Removal, Treatment; Rain; Vegetables; Water Costs; ...2.1214

RECONDITIONING AND REUSE OF FOOD PROCESSING BRINES ...Brines; Canning Wastes -see Food Proc.; Filtration; Lagoon; Waste Material Recovery; Waste Treatment Economics; Waste Water Treatment -general; ...2.1217

REVERSE OSMOSIS DEVELOPMENT FOR ACID MINE DRAINAGE CONVERSION ...Acid Mine Drainage; Acid Mine Wastes; Pilot Plants; Reverse Osmosis; Spiral Wound Membranes; Waste Treatment Economics; West Virginia; ...2.1225

IMPROVED EQUIPMENT AND OPERATING METHODS FOR POULTRY PROCESSING TO REDUCE WATER REQUIREMENTS ...Canning Wastes -see Food Proc.; Food Contamination; Food Engineering & Technology; Industrial Wastes; Poultry Industry; Runoff (water); Water Conservation -general; ...2.1231

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated; Artificial Recharge; Chemical Water Properties; Hawaii; Land Use; Primary Treatment; Storm Water; Urban Runoff; Water Standards & Baselines; ...2.1239

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Effluent-standards; Forest Management; Idaho; Irrigation; Sediment Thickness; Water Costs; ...2.1241

WHITE WATER CLARIFICATION AND REUSE ...Electrochemistry; Flocculation; Optimization, Economic; Pulp and Paper Wastes; Waste Treatment Economics; ...2.1244

LOWER COST PROCESS FOR REFINING SOYBEAN OIL WITH REDUCTION OF WATER POLLUTION ...Canning Wastes -see Food Proc.; Food Processing Industries; Industrial Wastes; Photometry; Plant Waste Removal, Treatment; Taste & Odor of Water; Waste Treatment Economics; Water Quality Control - general; ...2.1249

TREATMENT OF LIQUID WASTE FROM FOOD PROCESSING PLANTS ...Chemical Analysis -general; Effluents - Waste Water; Food Processing Industries; Gases; Organics; Pesticides; pH; Recycle Water; Sanitation; Waste Water Treatment -general; ...2.1290

TRANSPORT AND FATE OF POLLUTANTS IN SOIL ...Fluid Mechanics; Porous Filters; Soil Filters; Waste Disposal-see Solid Waste; ...2.1295

COMMUNITY ADOPTION OF WATER RECYCLING SYSTEMS ...Community - Social Studies; Social Aspects; Urban Environment; Water Resources Planning; Water Supply -general; ...2.1301

DEMONSTRATION OF THE RECONDITION AND RE-USE OF ORGANICALLY CONTAMINATED BRINES FROM CHEMICAL PROCESS INDUSTRIES ...Brines; Chemical Manufacturing Wastes; Organic Matter; Recycle Water; Waste Water Treatment -general; ...2.1307

A NEW APPROACH FOR WATER RECLAMATION - COMPLETE TREATMENT OF WASTE WATER BY PHYSICO-CHEMICAL PROCESSES ...Bacteria; Denitrification -see Nitrogen; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage - Domestic; Waste Water Treatment - general; ...2.1324

TREATMENT NEEDED BY SEWAGE BEFORE INJECTION-WELL RECHARGE ...Artificial Recharge; Chlorination; Filters-filtration; Rapid Filters; Sand Filters; Tertiary Treatment; Waste Disposal, Underground; ...2.1343

DESIGN OF WASTEWATER TREATMENT SYSTEMS TO SATISFY EFFLUENT QUALITY REQUIREMENTS BASED ON INTENDED USE ...Effluent-standards; Impaired Water Use; Waste Treatment; Water Quality -general; ...2.1344

ADVANCED WASTE TREATMENT FOR WATER RECLAMATION AND REUSE BY INJECTION ...Aquifers; Effluent-standards; Groundwater; Optimization, Economic; ...2.1347

IMPROVE POLLUTION CONTROL BY REUSE OF PAPER MACHINE PROCESS WATERS ...Coagulation; Disposal; Precipitation; Pulp and Paper Wastes; Waste Material Recovery; Waste Water Treatment -general; ...2.1356

REUSE OF WATER, DALLAS PROJECT ...Potable Water; Water Pollution Sources; Water Standards & Baselines; ...2.1362

CONTROL OF MINERAL CONSTITUENTS IN WASTE WATER BY ELECTRODIALYSIS ...Demineralization; Electrodialysis; Mineralogical Water Properties; Pilot Plants; Solid Waste; Waste Water Treatment -general; ...2.1364

ELECTRODIALYSIS TREATMENT OF SECONDARY EFFLUENT ...Demineralization; Fluid Mechanics; Pilot Plants; Waste Water Treatment -general; ...2.1380

SINGLE STAGE LIME TREATMENT OF WASTEWATER ...Demineralization; Flocculation; Lime Treatment; Tertiary Treatment; Turbidity; Waste Water Treatment -general; ...2.1381

THE CHARACTERISTICS AND POLLUTIONAL PROBLEMS OF IRRIGATION RETURN FLOWS ...Groundwater; Irrigation; Water Pollution Effects; ...2.1382

INVESTIGATION OF RICE IRRIGATION RETURN FLOWS - TEXAS COASTAL PRAIRIE REGION ...Agricultural Runoff; Fertilizers; Irrigation; Pesticides -nonspecific; Soil Fertility; Water Quality -general; ...2.1421

FFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Wells; ...2.1431

ADVANCED WASTE TREATMENT FOR WATER REUSE - STATE OF THE ART ...Literature Search; Waste Water Treatment -general; ...2.1439

PROCESSING PLANT EFFLUENTS FOR IRRIGATION IN COASTAL PLAINS OF NORTHEAST ...Biological Effects; Effluents - Waste Water; Food Processing Wastes; Industrial Wastes; Irrigation; Lye; Plant Waste Removal, Treatment; Soil Chemical Properties; ...2.1443

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; ...2.1466

IRRIGATION OF CITRUS WITH WASTE WATER ...Absorption (incl. Adsorption); Citrus; Food Processing Industries; Industrial Wastes; Irrigation; Sewage; Water Application Methods; ...2.1526

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Standards & Baselines; ...2.1832

AN ENGINEERING ECONOMIC STUDY OF RECLAMATION AND MULTIPLE REUSE AS A WATER SUPPLY ALTERNATIVE ...Economic Efficiency; Model Studies; Water Standards & Baselines; Water Supply Augmentation; ...2.1854

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Consumption; Economic Projections- Forecast; Forecasting - Prediction; Statistics; Water Costs; Water Resources Planning; Water Transfer; ...2.1874

ENGINEERING ANALYSIS OF WASTE TREATMENT ...Electrodialysis; Mathematical Models; Waste Treatment Economics; Waste Water Treatment -general; ...2.1893

STUDY OF COST FOR RE-USING MUNICIPAL WASTE FLOWS IN SELECTED TEXAS CITES ...Texas; Urban Environment; Water Pollution Sources; ...3.0055

AEROBIC DISPOSAL OF ANIMAL WASTES WITH CONTINOUS WATER REUSE ...Aerobic Waste Water Treatment; Biochemical Oxygen Demand; Farm Animal Wastes; Process Design; Waste Dilution- Self Purifying; Waste Water Degradation; ...3.0111

DESIGN AND OPERATION CRITERIA FOR AN ANAEROBIC LAGOON FOR SWINE WASTE ...Anaerobic Wastewater Treatment; Biochemical Oxygen Demand; Lagoon; Piedmont Province; Sewage Lagoons; ...3.0113

UTILIZATION OF FLORIDA PHOSPHATE SLIMES ...Acid Mine Wastes; Ceramics; Fresh Water; Phosphorus and Phosphorus Cpds; Sediments; Waste Material Recovery; ...3.0128

DEMONSTRATION OF A RECIRCULATING SWINE WASTE TREATMENT SYSTEM USING A ROTATING BIOLOGICAL CONTRACTOR ...Animal Wastes - Feed Lots; Economic Feasibility; Farm Animal Wastes; Sus; ...3.0144

STORAGE AND DISPOSAL OF WASTES RESULTING FROM THE CONCENTRATION OF LOW GRADE IRON ORE ...Disposal Wastes; Iron; Management (water); Michigan; Pond; Tertiary Treatment; ...3.0189

CHEMICAL-PHYSICAL WASTE TREATMENT PLANT DEMONSTRATION ...Carbon Filters; Hydrolysis, Esterification; Phosphorus and Phosphorus Cpds; Virus; ...3.0227

LIVESTOCK WASTE DISPOSAL SYSTEM INVOLVING REUSE OF WATER ...Aeration (water); Aluminum; Bos; Farm Animal Wastes; Livestock -nonspecific; Sand Filters; ...3.0257

RENOVATION, UTILIZATION OR SAFE DISPOSAL OF EFFLUENT FROM SEPTIC TANKS AND SEWAGE PLANTS ...Bos; Drainage; Effluents - Waste Water; Lysimeters; Rural Areas; Sewage; Soil Aeration; Soil pH; Waste Disposal on Soils; Water Distribution Systems; ...3.0265

PULP AND PAPER WASTE CONTROL AND TREATMENT ...Disposal Wastes; Pulp and Paper Wastes; Waste Material Recovery; Waste Treatment; ...3.0288

INTEGRATED WASTE MANAGEMENT - WATER SYSTEM USING RADIOISOTOPES FOR THERMAL ENERGY ...Biological Waste Recycling; Feces; Isotope Effects; Radioisotopes; Urine; Waste Treatment - Radiation; Water Supply Facilities; ...3.0290

CONSERVATION AND RENOVATION OF WASTE WATER ...Chlorination; Effluents - Waste Water; Growth; Irrigation; Percolation (water); Pinus Resinosa; Sewage; Soil Microbiology; Sprinkler Irrigation; Waste Water Treatment -general; ...3.0298

LAGOONS FOR DAIRY FARMS ...Animal Wastes - Feed Lots; Bacterial Studies -general; Cellular Catabolism-see Degrad; Farm Animal Wastes; Lagoon; Temperature - Air; Waste Water Treatment -general; ...3.0338

UTILIZATION OF PROCESSING WASTES AND SCRAP ...Industrial Wastes; Lead; Zinc; ...3.0385

A NEW PRACTICAL APPROACH TO DAIRY WASTES ...Bacteria; Farm Animal Wastes; Impaired Water Use; Waste Disposal on Soils; Water Quality Control -general; ...3.0392

Water Shortage

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Industrial Wastes; Irrigation; Legal Studies; Sanitary Landfills; State Government; Water Quality -general; Water Rights; Water Utilization -domestic; ...2.1862

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Recreation, Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization -domestic; ...2.1881

Water Sources -general

EFFECT OF URBANIZATION ON WATER QUALITY ...Acidity (water); Chlorine; Kansas; Rainfall - Runoff Relationship; Urban Environment; Urban Runoff; Water Quality -general; ...2.0155

WATER RESOURCES OF THE BOWLING GREEN AREA, KENTUCKY ...Aquifers; Cooperative Studies; Floods; Groundwater Movement; Land Use; Water Resources Planning; Water Supply - general; ...2.0602

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; Water Standards & Baselines; ...2.1832

Water Standards & Baselines

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; ...1.0018

A PRELIMINARY ECOLOGICAL SURVEY OF DARDANELLE RESERVOIR PRIOR TO NUCLEAR FACILITY EFFLUENT DISCHARGE ...Acidity (water); Arkansas; Biological Water Properties; Chemical Water Properties; Energy Conversion; Plankton; Reactor Sites & Rad Waste; Thermal Pollution; ...2.0023

IRRIGATION RETURN FLOW - NUTRIENT BALANCE ...Agricultural Runoff; Idaho; Nutrients; Pesticides -nonspecific; Salinity (water); Water Pollutants - Path of; ...2.0076

DISTRIBUTION AND METABOLIC FATE OF INDUSTRIAL POLLUTANTS AND PESTICIDES IN A MODEL AQUATIC ECOSYSTEM ...Animal Productivity; Biodegradation; Cellular Catabolism-see Degrad; Detergents -see Surfactants; Industrial Wastes; Model Studies; Organic Matter; Pesticide in Food Chains; Pesticides -nonspecific; Radioisotopes; Water Pollutants - Path of; ...2.0132

THE FACTOR CONTROLLING THE DYNAMICS OF NON-IONIC SYNTHETIC ORGANIC CHEMICALS IN AQUATIC ENVIRONMENTS ...Adsorption; Aquatic Soils; Lakes; Pesticide Aquatic Cycling; Primary Productivity - Plants; Soil Chemical Properties; Water Chemistry; ...2.0140

NUTRIENT CYCLING AND PRODUCTIVITY OF DYSTROPHIC LAKE-BOG SYSTEMS ...Alkalinity (water); Color (water); Lime Treatment; Model Studies; Optical Properties of Water; Organic Water Properties; Phosphorus and Phosphorus Cpds; Swamps - Marshes; Water Pollutants - Path of; ...2.0142

EUTROPHICATION OF IOWA LAKES AND STREAMS ...Algae - nonspecific; Chemical Analysis (water); Environmental Influences; Eutrophication; Iowa; Nutrients; Water Pollutant Identification; ...2.0143

EUTROPHICATION - REMOVAL OF NUTRIENTS - SHAGAWA LAKE ...Algal Pollutant Sources; Denitrification -see Nitrogen; Eutrophication; Minnesota; Pilot Plants; Trickling Filters; ...2.0203

ENVIRONMENTAL INVENTORY, AQUATIC AND TERRESTRIAL, BELEWS CREEK-BELEWS LAKE, N.C. ...Aquatic Ecology - Animal; Chemical Water Properties; Electric Power Plants; Nutrient Studies -animal; Ponds; Power Reservoirs; Pre-impoundment Sites; ...2.0286

NUTRIENT DYNAMICS IN AN ARTIFICIALLY ENRICHED LAKE ...Amphibious Plants; Chemical Water Properties; Contamination - Water; Environmental Influences; Mineral Nutrition; Nutrient Studies -animal; Photosynthesis; Phytoplankton; Primary Productivity - Plants; ...2.0298

LEAD IN AQUATIC ENVIRONMENTS ...Air Pollution; Estuaries; Industrial Wastes; Lead; Ocean Mixing; Puget Sound; Seasonal Studies; Water Cycle; ...2.0425

BASELINE WATER QUALITY STUDY OF THE ALASKAN ARCTIC ESTUARINE ENVIRONMENT ...Alaska; Biological Water Properties; Construction Land Use Effects; Environmental Ecology; Geological Exploration; Lakes; Marine Biology - General; Sea Ice; ...2.0470

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Animal Productivity; Aquatic Plants -nonspecific; Glaciology; Mineralogical Water Properties; Nutrients; Plant Productivity -general; Sub - Polar Regions; Wild Rivers; ...2.0472

ENVIRONMENTAL BIOLOGY OF TOMALES BAY ...Animal Habitat Studies; Bays; Chemical Water Properties; Environment Resistance-animals; Mans Pollutional Activities; Marine Environments; ...2.0489

DATA ACQUISITION SYSTEMS IN WATER QUALITY MANAGEMENT ...Aircraft Remote Sensing; Colorado; Data Acquisition; Detectors and Sensors; Regional Or State Studies; Water Chemistry; ...2.0519

WATER QUALITY MANAGEMENT DECISIONS IN COLORADO ...Administrative Organizations; Colorado; Law Enforcement; Management (water); Water Pollutant Identification; Water Quality -general; Water Resources Planning; ...2.0520

WESTERN BEAUFORT SEA ECOLOGICAL CRUISE (WEBSEC 9-70) ...Alaska; Bays; Ecological Effects; Marine Biology - General; Oil; Sea Water Chemistry; Ships and Cruises; ...2.0537

COMPLETION OF AN ECOLOGICAL SURVEY CRUISE IN THE SOUTHEASTERN CHUKCHI SEA ...Alaska; Aquatic Plants - nonspecific; Marine Biology - General; Oil and Natural Gas - Sulfur; Sea Water Properties; ...2.0538

WATER QUALITY AND FUNGI-NEMATODE-SEAGRASS-RELATIONSHIPS ...Algae -nonspecific; Animal Productivity; Aquatic Fungi -nonspecific; Ecological Effects; Estuaries; Florida; Industrial Wastes; Marine Animals; Nematoda; Plant Ecology - nonspecific; Plant Food Chains; Pollution Effects -see Water; Rhizophoraceae; Thermal Pollution; Urban Research -general; ...2.0547

PREDICTION MODELS FOR WATER QUALITY PARAMETERS ...Forecasting - Prediction; Operations Research; River Basins; Systems Analysis - Water Mgmt; ...2.0556

DISSOLVED OXYGEN AND OXYGEN DEMAND IN A SALT MARSH BORDERED ESTUARY ...Biological Water Properties; Computer Models; Georgia; Physical Water Properties; Tidewater Areas; ...2.0559

POLLUTION OF COASTAL WATERS ...Coastlines - Shorelines; Economic Geology -general; Management; Marine Environments; Social Aspects; Water Quality Control -general; ...2.0565

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; Weathering - geologic; ...2.0566

ECOLOGIC IMPACT OF HUMAN ACTIVITIES ON WATER RESOURCE ENVIRONMENTS ...Animal Pollutant Sources; Chemical Water Properties; Ecological Effects; Mans Pollutional Activities; Physical Water Properties; Water Pollutant Identification; ...2.0584

PREIMPOUNDMENT STUDY OF WATER QUALITY, SAYLORVILLE RESERVOIR DES MOINES RIVER, IOWA ...Data Networks; Iowa; Recreation, Water Resources; Types of Resources; Water Properties -general; ...2.0585

PARTITION COEFFICIENTS FOR FE, MN, CO, NI, ZN, CU, BETWEEN RIVER WATER AND SUSPENDED LOAD ...Dissolved Load; Mineral Analysis; Sediments; Trace Element Analysis; ...2.0590

THE ECOLOGY OF DRAKE'S CREEK, KENTUCKY ...Aquatic Ecology - Animal; Kentucky; Management (water); Survey Studies (water); ...2.0596

A STUDY PROGRAM TO IDENTIFY PROBLEMS RELATED TO OCEANIC ENVIRONMENTAL QUALITY - NORTH ATLANTIC ...Atlantic Ocean; Fish; Marine Biology - General; Marine Pollution; Pesticides -see Pesticide; Sea Water Sampling; ...2.0620

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Pollutant Identification; ...2.0634

THE INVESTIGATION AND ANALYSIS OF BIOCHEMICAL PROCESSES OF AQUATIC ORGANISMS UNDER STRESS ...Animal Pharmacology; Biochemical Analysis - Tissues; Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Fish; Physiological Effects; Toxic Substances; ...2.0639

EFFECT OF SEWAGE EFFLUENT ON ALGAE IN SHAGAWA LAKE, MINNESOTA ...Algae -nonspecific; Effluents - Waste Water; Lake Stages; Lower Plants; Nutrients; Phytoplankton; Plant Productivity -general; Tertiary Treatment; ...2.0641

DIATOMS IN LAKES AND LAKE SEDIMENTS AS AN INDEX TO ENVIRONMENT ...Aquatic Soils; Core Analysis; Lake Deposits; Literature Search; Paleontology; Pollens -see Air Pollution; ...2.0647

A STUDY OF THE ECOLOGY OF THE MISSISSIPPI TEST FACILITY ...Aquatic Ecology - Animal; Aquatic Plants -nonspecific; Chemical Water Properties; Mississippi; Physical Water Properties; Plant Freshwater Ecology; Research Facilities; ...2.0654

A STUDY OF THE WATER QUALITY AND PLANKTON DYNAMICS OF LAKE JACOMO, THE PRIMARY RECREATIONAL WATER FOR GREATER KANSAS CITY ...Acidity (water); Alkalinity (water); Animal Wastes - Feed Lots; Aquatic Plants -nonspecific; Chemical Water Properties; Ecological Effects; Eutrophication; Mineralogical Water Properties; Optical Properties of Water; Plankton; Primary Productivity - Plants; Reservoirs and Impoundments; Types of Resources; Water Pollutant Identification; ...2.0658

TAXONOMY AND ECOLOGY OF AQUATIC PLANTS, FIELD AND CULTURE STUDIES ...Algae -nonspecific; Data Reduction and Analysis; Eutrophication; Land Use; New York; Plants - Dicotyledons; Sediment Properties; Taxonomy -plant; Water Quality -general; ...2.0687

GEOCHEMICAL OCEAN PROGRAM - CAPITAL EQUIPMENT FOR ANALYTICAL WORK AT SEA AND AT LAMONT ...Gas Chromatography; Industrial Wastes; Marine Biology - General; Ocean Circulation -general; Organics; Radioactivity; Sea Water Properties; ...2.0699

A LIMNOLOGICAL INVESTIGATION OF IRONDEQUOIT BAY, ROCHESTER, NEW YORK ...Bays; Chemical Analysis (water); Chemical Water Properties; Geochemical Analysis (water); Lower Plants; New York; Physical Water Properties; Plant Freshwater Ecology; Sewage; Trace Element Analysis; Water Properties - general; ...2.0701

DIATOM POPULATIONS CHANGES IN LAKE GEORGE - PHASE III ...Depth (water); Dystrophic Lakes; Lake Deposits; Mineralogical Water Properties; Model Studies; Nutrients; Optical Properties of Water; Periphyton; Plankton Sampling; Types of Resources; Water Quality -general; ...2.0703

CORRELATIONS OF BACTERIAL PATHOGEN OCCURRENCES IN WATER WITH FECAL COLIFORM DENSITY LIMITS PROPOSED FOR WATER QUALITY STANDARDS ...Bacterial Pollutant Sources; Coliforms -nonspecific; Salmonella -nonspecific & -ot.; Shigella -nonspecific & -other; Water Bacteria; Water Pollution -see Specifics; ...2.0719

A BIOLOGICAL SURVEY OF THE CUYAHOGA RIVER - LAKE LADUE TO KENT, OHIO ...Aquatic Ecology - Animal; Biological Water Properties; Chemical Analysis (water); Data Acquisition; Fish; Organic Water Properties; Pollution Effects -see Water; Survey Studies (water); ...2.0731

AN IMPROVED TEMPERATURE PREDICTION MODEL FOR SMALL STREAMS ...Forecasting - Prediction; Model Studies; Models of Biological Systems; Oregon; Pulp and Paper Wastes; Temperature (water); ...2.0740

STUDY OF AN UNSPOILED ESTUARY ...Bays; Management (water); Tides; Water Quality -general; Water Supply Development; ...2.0745

BACTERIAL GROWTH AND THE DELAWARE ESTUARY MODEL ...Aerobic Bacteria; Bacterial Pollutant Sources; Delaware Bay; Forecasting - Prediction; Recreation, Water Resources; Water Pollution -see Specifics; ...2.0756

SENSITIVITY OF BENTHIC MICROFLORA TO POLLUTION GRADIENTS ...Atomic Plants; Carbon; Energy Conversion; Marine Plants; Rhode Island; Water Pollutant Identification; ...2.0773

MULTI-BASIN WATER QUALITY SIMULATION ...Canals; Flood Routing; Land Use; Texas; Water Costs; ...2.0810

A PRE-IMPOUNDMENT ECOLOGICAL STUDY OF THE BOTTOM FAUNA AND WATER QUALITY IN THE NORTH ANNA RIVER ...Atomic Plants; Chemical Analysis (water); Contamination - Water; Environmental Ecology; Management (water); Thermal Pollution; ...2.0834

CORRELATED STUDIES OF VANCOUVER LAKE--WATER QUALITY PREDICTION STUDY ...Columbia River; Dredging; Lakes; Model Studies; Organic Matter; Sediments; Water Quality Control -general; ...2.0840

BIOLOGICAL STREAM SURVEILLANCE ...Benthic Organisms - nonspecific; Bottom Sampling; Ecological Effects; Survey Studies (water); Taxonomy -plant; West Virginia; ...2.0850

A COMPARISON OF TOTAL COLIFORM AND FECAL COLIFORM COUNTS IN STREAM POLLUTION SURVEYS ...Bacterial Identification; Coliforms -nonspecific; Literature Search; Survey Studies (water); Water Pollutant Identification; ...2.0855

NITRIFICATION--DISSOLVED OXYGEN RELATIONSHIPS ...Aeration (water); Illinois River; Water Resources Planning; ...2.0892

DISINFECTION OF RENOVATED WASTEWATER ...Chlorination; Disinfection; General Recreation Studies; Ozonization; Sewage - Domestic; Water Reuse; ...2.0931

SOCIO-ECONOMIC STUDY OF MULTIPLE USE WATER SUPPLY RESERVOIRS ...Benefit-cost Analysis; Management (water); Multiple Purpose Reservoirs; Potable Water; Regional Economics; Social Aspects; Waste Water Treatment -general; Water Resources Planning; ...2.0967

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Colorado; Federal Government; Legal Studies; Management (water); State Government; Water Quality Control -general; ...2.0981

SEDIMENTATION AND CONTAMINANT CRITERIA FOR WATER RESOURCES PLANNING AND MANAGEMENT ...Dispersion (water); Management (water); Sedimentation; Water Pollutants - Path of; ...2.0984

ESTUARINE HYDROGRAPHY AND ITS ROLE IN TRANSPORT OF NATURALLY PRODUCED FOODS AND POLLUTANTS ...Effluents - Waste Water; Forecasting - Prediction; Nutrients; Water Movement -general; Water Quality -general; ...2.1000

EPIDEMIOLOGICAL STUDY OF CORRELATION OF WATER QUALITY AND DISEASE ...Food Contamination; Potable Water; Water Pollution -see Specifics; ...2.1075

A PRELIMINARY BASELINE STUDY OF DILUTED POLLUTANTS IN THE PACIFIC OCEAN ...Chp; Fish; Marine Pollution; Pacific Ocean; Polychlorinated Biphenyl Cpds.; ...2.1191

IMPACT OF CHANGES IN TECHNOLOGY ON WATER USE ...Agricultural Economics; Consumptive Use (water); Government -see Federal Gov.; Water Costs; ...2.1219

POLLUTION AND REUSE OF WASTEWATER EFFLUENTS AND STORMWATER IN HAWAII ...Activated; Artificial Recharge; Chemical Water Properties; Hawaii; Land Use; Primary Treatment; Storm Water; Urban Runoff; ...2.1239

REUSE OF WATER, DALLAS PROJECT ...Potable Water; Water Pollution Sources; Water Reuse; ...2.1362

DEVELOPMENT OF CRITERIA FOR REGIONALIZATION OF WATER WASTES MANAGEMENT SYSTEMS ...Administrative Organizations; Management (water); Social Aspects; Waste Disposal-see Solid Waste; Water Costs; ...2.1403

MANAGEMENT OF INDUSTRIAL WASTE DISCHARGES IN COMPLEX ESTUARINE SYSTEMS ...Data Acquisition; Estuaries; Industrial Wastes; Management (water); Model Studies; Salinity (water); Texas; ...2.1425

COMBINED STEEL MILL AND MUNICIPAL WASTEWATERS TREATMENT ...Industrial Wastes; Iron and Steel Industry; Ohio River; Rainfall - Runoff Relationship; Sewage - Domestic; Sewage Treatment Plant; Water Pollution Sources; ...2.1454

DYNAMICS OF CHEMICAL & PHYSICAL CHARACTER OF WATER, BOTTOM MUDS & AQUATIC LIFE IN A LARGE IMPOUNDMENT ON A RIVER ...Alabama; Aquatic Ecology - Animal; Aquatic Soils; Contamination - Water; Fish; Mudstone; Organic Matter; Physical Effects; Population Dynamics -general; Pulp and Paper Wastes; Salinity (water); Waste Water Treatment -general; Water Pollution Sources; ...2.1468

STANDARDS AND CRITERIA - EFFECT OF TURBIDITY ...Chemical Properties; Sediments; Soil Tillage; Turbidity (water); Water Utilization -general; ...2.1510

AN ECOLOGICAL STUDY OF SOUTH BISCAYNE BAY IN THE VICINITY OF TURKEY POINT ...Aquatic Ecology - Animal; Atomic Plants; Bays; Chemical Water Properties; Contamination - Water; Electric Power Plants; Environmental Ecology; Induced Temperature; Marine Animals; Phytoplankton; Salinity (water); Temperature (water); Thermal Pollution; Water Pollutant Identification; ...2.1527

A STUDY OF ECOLOGICAL SUCCESSION FOLLOWING NATURAL AND MAN-INDUCED CHANGES ON A TROPICAL REEF ...Animal Productivity; Coelenterata; Echinodermata; Electric Power Plants; Environmental Ecology; Marine Biology - General; Marine Geology; Ocean Currents; Sea Water Chemistry; Temperature (water); Tropical Regions; ...2.1538

GREAT LAKES ECOLOGY STUDY ...Aquatic Ecology - Animal; Chemical Analysis (water); Ecological Effects; Environmental Ecology; Lakes; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1546

WATER QUALITY CRITERIA TO PROTECT THE FISH POPULATION DIRECTLY BELOW SEWAGE OUTFALLS ...Acidity (water); Chlorine; Data Acquisition; Effluent-standards; Fish; Population Dynamics -general; Species Diversity Measurement; Water Properties -general; ...2.1577

MISSISSIPPI RIVER ECOLOGY ASSOCIATED WITH HEATED POWER PLANT EFFLUENT ...Animal Life History Studies; Aquatic Plants -nonspecific; Ecological Effects; Energy Conversion; Fish Food Supply -other; Minnesota; Physical Water Properties; Plant Phenology; Seasonal Distribution; Temporal Distribution; Thermal Pollution; ...2.1602

MARINE FISHERIES - ESTUARINE ALGAL COMMUNITIES ...Animal Interrelationships -gen; Commercial Fishing; Estuaries; Marine Plants; Plant Productivity -general; Salinity (water); Training Grants, Fellowships; ...2.1682

THE ECOLOGICAL EFFECTS OF THERMAL STRESS ON CERTAIN NEUROENDOCRINE-PHYSIOLOGICAL SYSTEMS OF SELECTED AQUATIC ANIMALS ...Animal Life History Studies; Atomic Plants; Effluents - Waste Water; Environmental Physiology; Invertebrate Physiology; Nuclear Reactors; Reactor Sites & Rad Waste; Thermal Pollution; ...2.1708

ENVIRONMENTAL QUALITY STUDY PROJECT - THERMAL DISCHARGES AND EFFECTS STUDIES ...Electric Power Plants; Inlets; Outlets; Thermal Pollution; Water Resources Planning; ...2.1723

EFFECTS OF SELECTED POLLUTANTS ON CERTAIN GAME AND ROUGH FISH ...Contamination - Water; Environmental Physiology; Industrial Wastes; Pollution Effects -see Water; Water Quality Control -general; ...2.1732

AN INVESTIGATION INTO RECREATIONAL WATER QUALITY CRITERIA ...Acidity (water); Intestinal Bacteria; Model Studies; Pesticides -see Pesticide; Petroleum Wastes - Spillage; Safety - Recreation; Standards - Recreation; Turbidity (water); Water Pollution Sources; ...2.1792

ECONOMIC AND INSTITUTIONAL ANALYSIS OF WATER QUALITY STANDARDS AND MANAGEMENT ...Administrative Organizations; Benefit-cost Analysis; Colorado; Economic Efficiency; Legal Review; Management (water); Model Studies; Water Pollution Abatement; Water Quality -general; ...2.1805

WATER QUALITY CRITERIA FOR SELECTED RECREATION USES ...Attitudes & Attitude Change; Multivariate Analysis; Recreation, Water Resources; Social Aspects; Survey Studies (water); Water Pollutant Identification; Water Quality -general; ...2.1827

WATER RESOURCE DEVELOPMENT ...Administrative Organizations; Benefit-cost Analysis; Economic Studies -general; Legislation - Zoning; Price & Value -see Economics; Water - Alternative Uses; Water Costs; Water Quality Control -general; Water Reuse; ...2.1832

A DETAILED INVESTIGATION OF THE SOCIOLOGICAL, ECONOMIC, & ECOLOGICAL ASPECTS OF PROPOSED RESERVOIR SITES IN THE SALT RIVER BASIN, KENTUCKY ...Aquatic Ecology - Animal; Chemical Water Properties; Economic Impact; Kentucky; Plant Freshwater Ecology; Regional Economics; Social Aspects; Water Quality -general; ...2.1835

LEGAL ASPECTS OF WATER POLLUTION CONTROL THROUGH IMPLEMENTATION OF THE EFFLUENT CHARGE CONCEPT ...Effluents - Waste Water; Legal Studies; Maine; State Government; Water Quality Control -general; ...2.1838

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Community - Social Studies; Effluents - Waste Water; Legal Studies; Optimization, Economic; Water Costs; Water Resources Planning; Welfare Economics; ...2.1844

AN ENGINEERING ECONOMIC STUDY OF RECLAMATION AND MULTIPLE REUSE AS A WATER SUPPLY ALTERNATIVE ...Economic Efficiency; Model Studies; Water Reuse; Water Supply Augmentation; ...2.1854

IMPACT OF WATER QUALITY CONTROLS ...Agricultural Studies -general; Michigan; Water Quality Control -general; Water Supply -general; ...2.1855

A SURVEY OF ATTITUDES TOWARDS THE MISSISSIPPI RIVER AS A TOTAL RESOURCE IN MINNESOTA ...Attitudes & Attitude Change; Legal Studies; Mississippi River; Social Aspects; Water Quality Control -general; ...2.1856

ECONOMICS OF WATER QUALITY CONTROL IN THE UPPER MISSISSIPPI RIVER (MINNESOTA) ...Benefit-cost Analysis; Disposal Wastes; Minnesota; Model Studies; Waste Treatment Economics; Water Purification; Water Resources Planning; ...2.1860

ENVIRONMENTAL PLANNING ALONG MONTANA'S 'BLUE-RIBBON' TROUT STREAMS ...Land Use, Modification Effects; Law Enforcement; Legislation; Montana; Salmonidae; State Government; Water Resources Planning; ...2.1863

DELAWARE ESTUARY AND BAY WATER QUALITY SAMPLING AND MATHEMATICAL MODELING PROJECT ...Bays; Delaware Bay; Estuaries; Mathematical Models; Water Quality - general; ...2.1873

LAKE ONTARIO INTERIM COMPREHENSIVE FISHERIES MANAGEMENT PLAN ...Aquatic Ecology - Animal; Environmental Ecology; Fish & Shellfish Biology; Fishery Development - other; Lake Ontario; Pesticides -see Pesticide; Residues in Foods; Water Depth, Water Levels; Water Resources Planning; ...2.1876

PUBLIC INVESTMENT CRITERIA FOR WATER-ORIENTED RECREATION IN THE LAKE ERIE BASIN ...Benefit-cost Analysis; Costs -see Economics Entries; Finance -see Economics Entries; Lake Erie; User Expenditures; Water Quality -general; ...2.1896

APPRAISAL OF WATER MANAGEMENT INSTITUTIONS - SURVEY OF OREGON WATER LAW ...Administrative Organizations; Legal Review; Northwest U. S.; Survey Studies (water); ...2.1901

THE USE OF TAXES, SUBSIDIES, AND REGULATIONS TO CONTROL THE EFFLUENT OF THE TEXTILE INDUSTRY ...Economic Efficiency; Economics & Technology; Expenditures; Industrial Wastes; Manufacturing; Optimization, Economic; Regulatory & Legal; Taxes - Federal; Textile Industry; Water Quality Control -general; ...2.1913

ECONOMIC EFFECTS OF SUBSIDIES FOR POLLUTION ABATEMENT ...Cost-benefit Analysis; Costs -see Economics Entries; Effluents - Waste Water; Expenditures; Fiscal Analysis - general; Government -see Federal Gov.; Water Pollution Abatement; ...2.1914

LAW AFFECTING INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Administrative Organizations; Legal Review; Riparian Rights; State Government; Water Pollution Abatement; Water Quality Control -general; Wisconsin; ...2.1930

STUDY OF THE APPLICABILITY OF EFFLUENT CHARGES TO WATER QUALITY MANAGEMENT IN THE STATE OF WISCONSIN ...Economic Impact; Literature Search; Water Costs; Water Resources Planning; Wisconsin; ...2.1935

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization - general; ...2.1936

FEASIBILITY OF REGIONAL UTILITIES FOR MANAGEMENT OF INDUSTRIAL AND MUNICIPAL WASTES ...Finance -see Economics Entries; Industrial Wastes; Public Utilities; Urban Research -general; Waste Treatment; ...3.0190

PESTICIDE KINETICS ...Bottom Sampling; Degradation; Environment Accumulation Rates; Marine Biology - General; Pesticide Residues; Pesticides -see Pesticide; Tidewater Areas; ...4.0024

RESEARCH INITIATION - FATE OF SELECTED ORGANOPHOSPHATE AND CARBAMATE INSECTICIDES IN SURFACE WATERS ...Analysis and Detection; Carbamates -nonspecific; Degradation; Environment Accumulation Rates; Isotope Tracer -see Tracers; Organophosphorous Cpds.; Pesticide Action on Plants; Pesticide Aquatic Cycling; Pesticide Toxicity in Animals; Water Pollutants - Path of; ...4.0031

Water Storage

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

PREDICTION OF MINERAL QUALITY OF RETURN FLOW WATER FROM IRRIGATED LAND ...Computer Models; Effluents - Waste Water; Irrigation; Percolation (water); Soil Chemical Properties; ...2.0067

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Table; Wetlands; ...2.0204

UTILIZATION OF THE STORAGE POTENTIAL OF RIVER VALLEY AQUIFERS ...Aquifers; Data Reduction and Analysis; Infiltration; Nebraska; Recharge (water); River Basins; Water Quality -general; ...2.0665

THE PREDICTION OF WATER QUALITY ASPECTS OF THE WENATCHEE RIVER ...Columbia River; Electric Power Plants; Fishing; Heat Flow (water); Nitrogen and Nitrogen Cpds.; Recreation, Water Resources; Types of Resources; ...2.0841

USE OF THE BOULDER ZONE FOR WATER STORAGE AND/OR FOR WASTE DISPOSAL ...Aquifers; Disposal; Florida; Soil Tillage; Treatment; Waste Disposal, Underground; ...2.0996

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; ...2.1038

METHODS FOR WATER QUALITY IMPROVEMENT AND ITS STORAGE UNDERGROUND ...Arizona; Coliforms -nonspecific; Denitrification -see Nitrogen; Effluents - Waste Water; Floods; Gramineae -other; Groundwater Recharge-see Rechg; Sewage; Soil Cover Crops; Soil Profile; Waste Disposal on Soils; ...2.1152

HYDROLOGY OF SUBSURFACE WASTE DISPOSAL - NATIONAL REACTOR TESTING STATION, IDAHO ...Aquifers; Dispersion (water); Geochemical Analysis (water); Idaho; Quaternary Period; Structural Analysis - Geology; Tertiary Period; Water Cycle; Water Pollution Sources; ...2.1240

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers; Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; Water Wells; ...2.1431

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; ...2.1488

STUDY OF POSSIBLE EFFECTS OF STRIP COAL MINING ON THE HYDROLOGICAL REGIMEN IN EASTERN MONTANA ...Coal; Groundwater; Mine Wastes; Montana; Rainfall - Runoff Relationship; Soil Tillage; Water Pollution Sources; ...2.1630

WATER RESERVOIR SYSTEMS ...Atmosphere Disturbance; Flood-flow Design; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.1786

DEVELOPMENT OF COST CRITERIA FOR WATER SUPPLY ...Illinois; Urban Environment; Water - Alternative Uses; Water Resources Development; Water Transfer; ...2.1824

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Agricultural Watersheds; Climates - general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams, Water Costs; Water Pollution Abatement; ...2.1831

CHEMICAL FALLOW FARMING IN THE SOUTHERN GREAT PLAINS ...Agricultural Runoff; Chenopodiaceae; Erosion; Great Plains Province; Herbicides and Other Chem; Pesticide Evaluation; Plant Residues, Humus, Compost; Silty Soils; Soil Moisture; Sorghum; Triticum; ...4.0181

Water Stratification

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Eutrophication, Indiana; Lakes; Organic Properties; Synoptic Weather Observations; Temperature - Air; Vertical Distribution; ...2.0137

HYDROLOGY OF CACHUMA RESERVOIR ...Aeration (water); California; Oxygen Content (water); Plant Population Dynamics - gen; Soil Tillage; Taste & Odor of Water; Water Quality -general; Water Utilization -domestic; ...2.0878

Water Supply -general

INVESTIGATIONS OF MINERAL DEPOSITS THAT INFLUENCE WATER QUALITY ...Mine Drainage Control; Mineral Processing Industry; Runoff (water); Water Pollution Sources; Water Quality -general; ...2.0048

EFFECT OF NITRATE AND NITRITE IN THE DRINKING WATER ON PERFORMANCE OF MARKET TURKEYS ...Contamination - Water; Melliagris; Mineralization; Nutrition; Potable Water; Water Utilization -animal; ...2.0156

RELATION OF AGRICULTURAL PRACTICES AND NATURAL VEGETATION TO NUTRIENT CONTENT OF WATERS ...Agricultural Runoff; Management (water); Plant Residues, Humus, Compost; Rainfall Simulators; Water Pollutants - Path of; ...2.0209

NITRATES IN WATER SUPPLIES ...Animal Wastes - Feed Lots; Fertilizers; Soil Analysis; Soil Chemical Properties; Waste Disposal on Soils; ...2.0222

POLLUTION OF SURFACE AND GROUNDWATER RESOURCES ...Chemical Effects; Contamination - Water; Electrophoresis; Groundwater; Models of Biological Systems; Soil Chemical Properties; Streaming Potential; Training Grants, Fellowships; Urban Environment; Waste Water Treatment -general; Water Pollution Sources; Water Quality -general; Water Reuse; ...2.0237

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Forest Watersheds; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; ...2.0322

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Data Reduction and Analysis; Geology -general; Hydraulics; Texas; Water Pollution Sources; Water Wells; ...2.0375

INTEGRATED URBAN UTILITY SYSTEMS ...Energy Conversion; Public Utilities; Technology - Social Impact; Urban Research; ...2.0428

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo.; Chemical Analysis (water); Environmental Geology; Hydrographs; Land Use; Soil Tillage; Water Quality -general; Water Table; Water Wells; ...2.0570

WATER RESOURCES OF THE BOWLING GREEN AREA, KENTUCKY ...Aquifers; Cooperative Studies; Floods; Groundwater Movement; Land Use; Water Resources Planning; ...2.0602

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; Watersheds; ...2.0646

A PROPOSAL TO DEVELOP A PLAN FOR THE CONSTRUCTION AND TESTING OF WATER POLLUTION FORECASTING MODELS ...Forecasting - Prediction; Mathematical Models; Water Costs; Water Quality Control -general; ...2.0660

A STUDY OF ALGAL POPULATIONS ASSOCIATED WITH DIFFERENT LEVELS OF WATER QUALITY IN NEW HAMPSHIRE ...Algae -nonspecific; Algal Pollutant Sources; Bioindicators; Contamination - Water; Eutrophic Lakes; Eutrophication; New Hampshire; Phytoplankton; Plant Epiphytic Relationships; Plant Habitat Studies; Sewage Lagoons; Water Pollutant Identification; ...2.0670

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Data Reduction and Analysis; Management (water); Oregon; Plant Freshwater Ecology; Survey Studies (water); Water Quality -general; Watersheds; ...2.0744

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN DRINKING WATER ...Food Contamination; Muridae; New England Province; Potable Water; Viral Pollutant Sources; Water Pollution -see Specifics; ...2.0787

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Degradation - see Pesticide Deg; Fishing; Land Use; Relief; South Dakota; Water Pollution Sources; ...2.0799

WATER REOURCES OF SOUTHEASTERN WISCONSIN - RACINE AND KENOSHA COUNTIES ...Chemical Water Properties; Groundwater; Hydrographs; Recharge (water); Water Quality -general; Water Table; Water Wells; ...2.0856

WATER SUPPLIES ...Chemical Water Properties; Chlorination; Disinfectants; Filtration; Iowa; Turbidity (water); Water Quality - general; Water Utilization -domestic; ...2.0895

A NEW TYPE OF DISINFECTANT FOR WATER SUPPLIES ...Bacterial Pollutant Sources; Disinfectants; Ion Exchange; Water Chemistry; ...2.0897

FACTORS AFFECTING MINE DRAINAGE AND THE GROUND WATER INTERACTIONS IN SELECTED AREAS OF WESTERN PENNSYLVANIA (PART 2) ...Acid Mine Drainage; Aquifers; Chemical Analysis (water); Groundwater; Groundwater Movement; Pennsylvania; Strip Mines; ...2.0938

EFFECT OF CHLORINATION ON HUMAN ENTERIC VIRUSES ...Chlorination; Chlorine; Disinfection; Feces; Potable Water; Viral Pollutant Sources; Viruses - Animal; ...2.0942

CHEMISTRY OF HYDROSOLIC METALS IN NATURAL WATER ...Aeration (water); Demineralization; Geochemical Analysis (water); Oxidation; Precipitation; Water Chemistry; ...2.0968

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Watersheds; ...2.1089

WATER QUALITY CONTROL ...Circulation (water); Economic Efficiency; Flow Characteristics (water); Industrial Wastes; Model Studies; North Carolina; Systems Analysis - Water Mgmt; Water Quality -general; Water Resources Protection; ...2.1104

TUCSON WASTEWATER RECLAMATION PROJECT ...Arizona; Filtration; Fish; Pilot Plants; Waste Water Treatment -general; Water Reuse; Water Utilization -domestic; ...2.1154

ECONOMIC AND INSTITUTIONAL ANALYSIS OF A WASTE WATER RECLAMATION AND REUSE PROJECT ...Administrative Organizations; Economic Impact; Waste Water Treatment -general; Water Reuse; Water Supply Augmentation; ...2.1192

ECONOMIC FEASIBILITY OF PRODUCING DE-POLLUTANTS FROM AGRICULTURAL & INDUSTRIAL WASTE PRODUCTS TO USE IN WATER PURIFICATION (ABBREV) ...Benefit-cost Analysis; Carbon; Effluents - Waste Water; Foreign Agriculture; Industrial Wastes; Plant Waste Removal, Treatment; Product Development Research; Sewage; Water Pollution Abatement; Water Quality -general; ...2.1196

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations; Drainage; Sewage; Storm Water; Urban Planning; Urban Research -general; Water Quality Control -general; ...2.1224

COMMUNITY ADOPTION OF WATER RECYCLING SYSTEMS ...Community - Social Studies; Social Aspects; Urban Environment; Water Resources Planning; ...2.1301

ADSORPTION OF VIRUS-SIZED PARTICLES IN POROUS MEDIA ...Artificial Recharge; Forecasting - Prediction; Groundwater Recharge-see Rechg; Viral Pollutant Sources; Water Pollution -see Specifics; Water Supply Augmentation; ...2.1387

GROUNDWATER FLOW IN PARTIALLY SATURATED SOILS ...Drainage; Groundwater Movement; Model Studies; Seepage (water); Sewage; Soil Permeability; Water Quality Control - general; ...2.1412

LARGE IMPOUNDMENTS - PUEBLO RESERVOIR ...Arid and Desert Regions; Irrigation; Multiple Purpose Reservoirs; Rocky Mountain System; Water Properties -general; Water Quality - general; Water Utilization -industrial; ...2.1507

MICROBIOLOGICAL INVESTIGATIONS ...Algal Pollutant sources; Construction Materials; Corrosion, Deterioration; Fungal Pollutant Sources; Microorganisms -nonspecific; Taxonomy -plant; Water Pollution Sources; ...2.1511

EFFECTS OF IMPOUNDMENT ON WATER QUALITY ...Biological Water Properties; Destratification; Flow Characteristics (water); Model Studies; Physical Water Properties; Reservoirs and Impoundments; Tennessee; Water Quality Control -general; ...2.1713

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Contamination - Soil; Mans Pollutional Activities; Plant Growth; Sandy Soils -see Soil Type; Soils; ...2.1742

WATER RESOURCES MANAGEMENT IN DELAWARE ...Benefit-cost Analysis; Delaware; Government -see Federal Gov.; Legal Review; Management (water); Water Quality -general; Water Resources Planning; ...2.1808

ENVIRONMENTAL GEOLOGY OF BOONE AND DEKALB COUNTIES, ILLINOIS ...Aquifers; Dolomite; Economic Mineral Appraisals; Environmental Geology; Geologic Maps; Glaciology; Illinois; Local Stratigraphy; Storm Water; Waste Disposal-see Solid Waste; ...2.1823

FORMATION OF PUBLIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; ...2.1842

WATER AND THE CITIES ...Architecture and Design; Inventories; Recreation, Water Resources; Urban Environment; Water Cycle; Water Pollution Abatement; ...2.1846

THE ECONOMICS OF WATER SUPPLY AND QUALITY ...Benefit-cost Analysis; Estuaries; River Basins; Water Pollution Abatement; Water Resources Planning; ...2.1847

IMPACT OF WATER QUALITY CONTROLS ...Agricultural Studies -general; Michigan; Water Quality Control -general; Water Standards & Baselines; ...2.1855

STOCHASTIC MODELS FOR WATER RESOURCES MANAGEMENT ...Economic Theory; Management (water); River Basins; Stochastic Models; Water Allocation; Water Resources Planning; Water Supply Augmentation; ...2.1879

COMMUNITY REACTIONS TO WATER RESOURCES PROBLEMS IN RELATION TO PLANNING ...Community - Social Studies; Floods; Social Aspects; Urban Environment; Urban Planning; Water Pollution Sources; Water Resources Planning; ...2.1895

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; ...4.0026

PESTICIDE MOBILITY AND DEGRADATION IN SOIL-WATER SYSTEMS ...Ametryn; Computer Methods -general; Contamination - Water; Degradation -see Pesticide Deg; Hawaii; Mathematical Models; Microorganism-see Cell. Catab.; Pesticide Aquatic Cycling; Pesticides -other; Picloram; Simazine; Soil Chemical Properties; Soil Moisture; Water Pollutant Identification; Water Pollutants - Path of; ...4.0027

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT; Northeast U. S.; Pesticide Residues; Preventative Measures; Sediments; Water Pollutant Identification; Water Quality Control - general; Water Wells; ...4.0037

Water Supply Augmentation

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; ...1.0152

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0404

NUISANCE ALGAL GROWTH RELATED TO ENVIRONMENTAL FACTORS ...Algae -nonspecific; Algal Physiology; Environmental Influences; Eutrophication; Lake Stages; Physical Control; Stratification (water); Washington; ...2.0429

WATER RESOURCES OF RANKIN COUNTY ...Aquifers; Groundwater; Mississippi; Water Wells; ...2.0650

LIMNOLOGICAL INVESTIGATIONS OF TEXAS IMPOUNDMENTS FOR WATER QUALITY MANAGEMENT PURPOSES ...Chemical Water Properties; Eutrophication; Nutrients; Streams & Rivers; Water Quality -general; ...2.0812

EVALUATION OF LOW-FLOW AUGMENTATION ON THE CHEMISTRY AND BIOLOGY OF THE BUFFALO RIVER, BUFFALO, NEW YORK ...Biological Water Properties; Chemical Analysis (water); Chemical Water Properties; Industrial Wastes; New York; Sediments; Sewage; ...2.1064

ECONOMIC AND INSTITUTIONAL ANALYSIS OF A WASTE WATER RECLAMATION AND REUSE PROJECT ...Administrative Organizations; Economic Impact; Waste Water Treatment -general; Water Reuse; Water Supply -general; ...2.1192

ADVANCED WASTE TREATMENT FOR WATER RECLAMATION AND REUSE BY INJECTION ...Aquifers; Effluent-standards; Groundwater; Optimization, Economic; Water Reuse; ...2.1347

ADSORPTION OF VIRUS-SIZED PARTICLES IN POROUS MEDIA ...Artificial Recharge; Forecasting - Prediction; Groundwater Recharge-see Rechg; Viral Pollutant Sources; Water Pollution -see Specifics; ...2.1387

POLLUTANTS IN PRODUCT AND PROCESS WATERS FROM OIL-SHALE RETORTING OPERATIONS AND METHODS FOR THEIR REMOVAL ...Arid and Desert Regions; Industrial Wastes; Mining Industry; Oil Shale; Petroleum Research; Process Design; Specific Rock Unit; Waste Material Recovery; Water Pollutant Identification; Water Reuse; ...2.1466

AN ENGINEERING ECONOMIC STUDY OF RECLAMATION AND MULTIPLE REUSE AS A WATER SUPPLY ALTERNATIVE ...Economic Efficiency; Model Studies; Water Reuse; Water Standards & Baselines; ...2.1854

STOCHASTIC MODELS FOR WATER RESOURCES MANAGEMENT ...Economic Theory; Management (water); River Basins; Stochastic Models; Water Allocation; Water Resources Planning; ...2.1879

Water Supply Development

WATER RESOURCES OF RANKIN COUNTY ...Aquifers; Groundwater; Mississippi; Water Supply Augmentation; Water Wells; ...2.0650

STUDY OF AN UNSPOILED ESTUARY ...Bays; Management (water); Tides; Water Quality -general; ...2.0745

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation, Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1303

TOCKS ISLAND REGION ENVIRONMENTAL STUDY (TIRES) ...Delaware River; Federal Government -see Gov.; Government - see Federal Gov.; Sewer Systems; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.1408

METHODOLOGY FOR INTEGRATING WATER QUALITY MANAGEMENT WITH THE MANAGEMENT OF THE TOTAL WATER RESOURCES IN MINNESOTA ...Data Acquisition; Groundwater; Management (water); Minnesota; Water Quality Control -general; ...2.1858

STREAM QUALITY PRESERVATION THROUGH URBAN LAND USE MANAGEMENT - LEGAL AND GOVERNMENT ASPECTS ...Easements - Right of Ways; Land Use; Pennsylvania; Storm Water; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.1906

WATER AND WASTE MANAGEMENT (MUST) ...Cold Climates; Hospitals; Sanitation; Waste Disposal-see Solid Waste; Water Pollution Sources; Water Quality Control -general; ...3.0064

Water Supply Facilities

EFFECTS OF DEICING COMPOUNDS ON VEGETATION AND WATER SUPPLIES ...Absorption (incl. Adsorption); Chlorine; Fish; Literature Search; Rock - Soil Pollution; Soil Chemical Properties; Soil Saline Properties; Virginia; ...2.0408

INTEGRATED URBAN UTILITY SYSTEMS ...Energy Conversion; Public Utilities; Technology - Social Impact; Urban Research; Water Supply -general; ...2.0428

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection; Chemical Water Properties; Electrochemistry; Lead; Physical Water Properties; Trace Elements; Water Distribution Systems; Water Quality -general; Zinc; ...2.0623

EVALUATION OF MEDIA FOR RAPID FILTRATION OF WATER ...Ash-coal Filters; Filters-filtration; Filtration; Pilot Plants; Sand; Soil Particle Size; Turbidity (water); Water Distribution Systems; ...2.0887

ENVIRONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT ...Aquifers; Erosion; Landfills - see Water Pollution; Recharge (water); Septic Tanks; Surficial Geology Studies; Vermont; Water Table; ...3.1437

URBAN INFRASTRUCTURE INVESTMENT IN DEVELOPING COUNTRIES ...Chile; Housing; Public Utilities; Residential Buildings; Urban Environment; ...3.1811

APPLICATION OF DYNAMIC AND LINEAR PROGRAMMING TO URBAN DEVELOPMENT ...Fiscal Analysis -general; Public Utilities; Storm Sewer Quantity; Taxes - State Or Local; Urban Roads; ...3.0082

WATER AND SEWERAGE FACILITIES REPORT ...Expenditures; Illinois; Missouri; Public Utilities; Regional Economics; Urban Research -general; ...3.0123

INTEGRATED WASTE MANAGEMENT - WATER SYSTEM USING RADIOISOTOPES FOR THERMAL ENERGY ...Biological Waste Recycling; Feces; Isotope Effects; Radioisotopes; Urine; Waste Treatment - Radiation; ...3.0290

FUNDAMENTAL STUDIES OF COMPREHENSIVE DISTRICT PLANNING IN URBAN AREAS ...Architecture and Design; Public Utilities; Urban Environment; Urban Research -general; ...3.0323

Water Table

INFLUENCE OF SUBSURFACE WASTE DISPOSAL SYSTEMS ON RECEIVING WATERS ...Baseflow; Forecasting - Prediction; Model Studies; Reservoirs and Impoundments; Rural Areas; Soil Chemical Properties; Waste Disposal on Soils; ...2.0046

GEOLOGIC INVESTIGATIONS, NEVADA TEST SITE ...Alluvium - Alluvial; Borehole Geophysics; Faults - Geology; Nevada; ...2.0070

BRACKISH WATER IRRIGATION IN SOUTHERN FLORIDA FLATWOODS ...Brackish Water; Evaporation; Flow Characteristics (water); Groundwater Movement; Infiltration; Irrigation; Leaching; Percolation (water); Rhizosphere; Soil Chemical Properties; Soil Moisture; Soil Saline Properties; Water Quality - general; Water Table - Depth of; ...2.0096

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Georgia; Groundwater Movement; Lithology; Natural Recharge; Petrology; Specific Rock Unit; ...2.0112

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Forest Watersheds; Hydrographs; Piedmont Province; Rainfall - Runoff Relationship; Slope; Soil Density; Soil Moisture; ...2.0113

ROLE OF FERTILIZERS IN WATER POLLUTION ...Agricultural Runoff; Drainage; Fertilizers; Leaching; Tillage, Cropping Systems; Water Table - Depth of; ...2.0134

EVALUATION OF THE MAGOTHY AQUIFER - ANNAPOLIS AREA, MARYLAND ...Aquifers; Drilling and Coring; Management (water); Model Studies; Saline Water Intrusion; Size; Water Resources Development; ...2.0169

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage: Wetlands; ...2.0204

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli, Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; ...2.0240

ENVIRONMENTAL BIOLOGY - BIOGEOCHEMICAL CYCLING IN ECOLOGICAL SYSTEMS ...Aquatic Ecology - Animal; Estuaries; Eutrophication; Lysimeters; Pesticide Aquatic Cycling; Water Pollutants - Path of; ...2.0277

SOIL PHYSICAL PROPERTIES AND SOIL WATER MOVEMENT ...Clay Soils; Core Analysis; Drainage; Fertilizers, Groundwater Movement; Irrigation; Leaching; Moisture Deficiency; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Soil Chemical Properties; Soil Density; Tension and Measurement; ...2.0295

EVALUATION OF PROPERTIES AND QUALITIES OF OREGON SOIL SERIES ...Drainage; Irrigation; Mineralogy; Septic Tanks; Soil Analysis; Soil Chemical Properties; Soil Cover Crops; Soil Profile; Soil Structure; Soil Types -also See Specifics; Stratigraphic Studies; Urban Research -general; ...2.0329

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Drilling Operation; Groundwater; Iron; Pennsylvania; Underground Workings; ...2.0340

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Data Reduction and Analysis; Geology -general; Hydraulics; Texas; Water Pollution Sources; Water Supply -general; Water Wells; ...2.0375

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Yield; ...2.0378

HYDROLOGY OF COASTAL AREA IN THE VICINITY OF RICEBORO, GEORGIA ...Aquifers; Chemical Analysis (water); Cooperative Studies; Estuaries; Geology -general; River Basins; Soil Tillage, Water Depth, Water Levels; Wind; ...2.0558

DETERMINATION OF THE DISTRIBUTION OF RADIONUCLIDES DISCHARGED TO THE GROUND AT THE NRTS, IDAHO ...Borehole Geophysics; Burial; Groundwater; Idaho; Isotope Tracer -see Tracers; Radioisotopes; Waste Water -general; Water Pollution Sources; ...2.0569

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo.; Chemical Analysis (water); Environmental Geology; Hydrographs; Land Use; Soil Tillage; Water Quality -general; Water Wells; ...2.0570

WATER RESOURCES OF COPIAH COUNTY ...Aquifers; Chemical Analysis (water); Geophysical Analysis; Groundwater; Groundwater Basins; Mississippi; Water Quality -general; ...2.0649

WATER REOURCES OF SOUTHEASTERN WISCONSIN - RACINE AND KENOSHA COUNTIES ...Chemical Water Properties; Groundwater; Hydrographs; Recharge (water); Water Quality -general; Water Wells; ...2.0856

SALT-WATER ENCROACHMENT IN THE BRUNSWICK AREA, GEORGIA ...Aquifers; Brackish Water; Chlorine; Georgia; Saline Water Intrusion; Water Quality Control -general; Water Wells; ...2.0890

EVALUATION OF PUMPING EFFECTS IN MALAGA BEND AREA, NEW MEXICO ...Aquifers; Brines; Desalination; New Mexico; Saline Water Intrusion; Seepage (water); ...2.0920

ANALYSIS OF MOUND GEOMETRY UNDER A RECHARGE BASIN ...Aquifers; Artificial Recharge; Groundwater Recharge-see Rechg; Ponds; Rain Amount; ...2.0974

FLOW IN POROUS MEDIA IN RELATION TO DRAINAGE DESIGN AND DISPOSAL OF POLLUTANTS ...Aquifers; Drainage; Drainage Engineering; Fluid Mechanics; Flume Studies; Hydrostatic; Model Studies; Saturated- Unsaturated Soils; Soil Capillarity; Soil Moisture; Soil Permeability; Waste Disposal-see Solid Waste; ...2.0986

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Chemical Analysis -general; Farm Animal Wastes; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Moisture; Soil Organic Content; Sprinkler Irrigation; ...2.0994

NUTRIENT CONTROL PROJECT - DETROIT LAKES, MINNESOTA ...Algae -nonspecific; Aquifers; Cultural Control; Eutrophication; Landfill; Nutrients; Sanitary Landfills; Waste Disposal-see Solid Waste; ...2.1047

ACID WATER TROUT STUDIES ...Acidity (water); Environmental Ecology; Neutralization; Population Dynamics -general; Water Pollutant Identification; ...2.1059

POTOMAC RIVER BASIN PROJECT ...Alluvium - Alluvial; Drilling and Coring; Groundwater; Mapping; River Basins; ...2.1117

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Turf; Water Quality -general; Water Wells; ...2.1158

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Forecasting - Prediction; Fruit, Nut, and Berry Crops; Soil Depth; Soil Types -also See Specifics; ...2.1227

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Chemical Analysis (water); Citrus; Drainage; Drainage Engineering; Energy Budgets; Fruit, Nut, and Berry Crops; Growth; Physical Water Properties; Soil Chemical Properties; Soil pH; ...2.1228

SYSTEMS FOR TILE DRAIN SLUDGE CONTROL FOR CITRUS WITH HIGH WATER TABLE IN FLORIDA ...Citrus; Drainage; Drainage Engineering; Fluorine; Growth; ...2.1229

THE FEASIBILITY OF REUSE OF CHLORINATED SEWAGE EFFLUENT FOR FERTILIZATION AND IRRIGATION IN IDAHO ...Chlorination; Effluent-standards; Forest Management; Idaho; Irrigation; Sediment Thickness; Water Costs; Water Reuse; ...2.1241

CRITERIA FOR WASTE-DISPOSAL SITES IN THE KANSAS RIVER VALLEY ...Alluvium - Alluvial, Chemical Analysis (water); Kansas; Scouring; Waste Disposal-see Solid Waste; Water Depth, Water Levels; ...2.1273

PREVENTING LANDFILL LEACHATE CONTAMINATION OF WATER ...Leaching; Linings - Pavings; Rain Amount; Sanitary Landfills; Sealants -see Coatings; Temperature; ...2.1282

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation, Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; ...2.1305

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Watersheds; ...2.1306

FORAGE CROP IRRIGATION WITH OXIDATION POND EFFLUENT ...Agricultural Runoff; Coliforms -nonspecific; Furrow Irrigation; Mississippi; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sorghum; Storm Water; ...2.1316

WATER BALANCE IN SEWAGE STABILIZATION LAGOONS ...Chemical Analysis -general; Disposal Wastes; Groundwater; Industrial Wastes; Organic Matter; Seepage (water); Sewage Lagoons; Waste Management -see Specific; Water Pollutants - Path of; Water Quality -general; ...2.1360

ENVIRONMENTAL GEOLOGY OF SELECTED PARTS OF NORTHWESTERN VERMONT ...Aquifers; Erosion; Landfills - see Water Pollution; Recharge (water); Septic Tanks; Surficial Geology Studies; Vermont; ...2.1437

INFLUENCE OF FERTILIZER PRACTICES ON WATER AND THE QUALITY OF THE ENVIRONMENT ...Animal Wastes - Feed Lots; Groundwater; Mans Pollutional Activities; Soil - Crop Relationships; Soil Nutrient Cycling; ...2.1635

THE DETERMINATION OF GROUND WATER INFILTRATION & THE EFFECTS OF INTERNAL CHEMICAL SEALING OF SANITARY SEWERS ...Building Design; Groundwater; Infiltration; Pipe; Residential Buildings; Sanitary Sewage Quantity; Sewer Maintenance; ...2.1671

SOIL AND WATER MANAGEMENT SYSTEMS FOR DISPOSAL OF DAIRY AND POULTRY WASTES ...Animal Wastes - Feed Lots; Denitrification; Groundwater; Soil Organic Content; Waste Disposal on Soils; ...3.0076

MANAGEMENT OF ANIMAL WASTES AND FEEDLOTS TO AVOID SOIL AND WATER POLLUTION ...Agricultural Runoff; Eutrophication; Farm Animal Wastes; Groundwater; Microorganisms -nonspecific; Percolation (water); Rainfall - Runoff Relationship; Soil Organic Content; Stock Yards; Waste Disposal on Soils; ...3.0093

UTILIZATION OF FLORIDA PHOSPHATE SLIMES ...Acid Mine Wastes; Ceramics; Fresh Water; Phosphorus and Phosphorus Cpds; Sediments; Waste Material Recovery; Water Reuse; ...3.0128

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Small Watersheds; Terracing; Water Balance - Budget; ...3.0213

USING CROPLAND FOR SEWAGE WASTEWATER AND SLUDGE DISPOSAL ...Denitrification; Disposal; Forest Pathology; Irrigation; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sewage; Soil Chemical Properties; Soil pH; Subsurface Runoff; Zea Mays - Field Corn; ...3.0299

SEPTIC TANK SYSTEMS AND PRODUCTIVITY OF PENNSYLVANIA SOILS ...Drainage; Erosion; Groundwater Movement; Percolation (water); Precipitation; Sewage; Soil Depth; Soil Moisture; Soil Structure -other; Soil Types -also See Specifics; Zea Mays - Field Corn; ...3.0301

PHYSICAL PROPERTIES OF THE SOILS OF VIRGINIA ...Atlantic Coastal Plain; Piedmont Province; Soil Moisture; Soil Profile; Soil Texture; Urban Environment; Waste Disposal on Soils; ...3.0329

ROW LENGTH, GRADE AND DRAINAGE REQUIREMENTS OF CROPS ...Agricultural Runoff; Degradation -see Pesticide Deg; Drainage; Endrin; Floods; Pesticide Residues; Saccharum; Water Pollutants - Path of; Water Table - Depth of; ...4.0115

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; ...4.1123

Water Temperature Recorders

INVESTIGATION OF PRESENT THERMAL REGIME OF MISSOURI RIVER IN MISSOURI ...Aircraft Remote Sensing; Depth (water); Energy Conversion; Infrared Radiation; Missouri River; Thermal Pollution; ...2.0227

STREAM SEDIMENT INVESTIGATION ...Agricultural Watersheds; Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); ...2.0229

THERMAL AND INDUSTRIAL POLLUTION - DELAWARE RIVER ...Acidity (water); Algae -nonspecific; Animal Distribution; Delaware River; Energy Conversion; Invertebrates -nonspecific; Physical Water Properties; Plankton Sampling; Pulp and Paper Wastes; Thermal Pollution; Turbidity (water); Water Bacteria; Zooplankton; ...2.0750

DIFFUSION OF THERMALLY BUOYANT WATER JETS INTO A MOVING WATER STREAM ...Density; Diffusion; Fluid Mechanics; Streams: Thermal Pollution; ...2.1093

LAKE MICHIGAN THERMAL STUDIES ...Atomic Plants; Dispersion (water); Forecasting - Prediction; Physical Models; ...2.1547

THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON THE SPAWNING AND SURVIVAL OF FRY OF THE WALLEYE IN LAKE ERIE ...Animal Distribution; Data Reduction and Analysis; Environmental Ecology; Eutrophication; Lake Erie; Plankton; Spawning & Nesting Sites; Stizostedion Vitreum Vitreum; ...2.1672

Water Transfer

MULTI-BASIN WATER QUALITY SIMULATION ...Canals; Flood Routing; Land Use; Texas; Water Costs; Water Standards & Baselines; ...2.0810

WATER MEASUREMENT AND APPLICATION DEVICES ...Irrigation; Irrigation Engineering; Model Studies; Physical Models; Sediments; Water Application Methods; ...2.1113

TECHNICAL, ECONOMIC & LEGAL ASPECTS IN THE EXCHANGE OF SEWAGE EFFLUENT FOR IRRIGATION WATER FOR MUNICIPAL USE (TUCSON) ...Agricultural Studies -general; Arizona; Legal Studies; Sewage; Water Purification; Water Utilization -domestic; ...2.1155

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Utilization -plant; ...2.1791

DEVELOPMENT OF COST CRITERIA FOR WATER SUPPLY ...Illinois; Urban Environment; Water - Alternative Uses; Water Resources Development; ...2.1824

FORMATION OF PUELIC POLICY ON OUT-OF-BASIN DIVERSION OF CONNECTICUT RIVER FLOOD WATERS TO BOSTON METROPOLITAN AREA ...Aquatic Ecology - Animal; Attitudes & Attitude Change; Community - Social Studies; Ecological Effects; Fish; Government -see Federal Gov.; Groundwater; Massachusetts; Scouring; Tidewater Areas; Water Pollution Abatement; Water Supply -general; ...2.1842

A COMPENDIUM OF WATER LAW AND ECONOMICS IN NEW HAMPSHIRE ...Easements - Right of Ways; Economic Efficiency; Economic Impact; Legal Review; New Hampshire; Public Access; Water Quality -general; ...2.1869

SURFACE AND GROUND WATER POTENTIALITIES OF THE MULLICA RIVER BASIN ...Aquatic Ecology - Animal; Economic Impact; Estuaries; Forecasting - Prediction; Mathematical Analysis; Mollusca; Plankton Sampling; River Basins; Spawn Or Nesting Sites; Systems Analysis - Water Mgmt; Vertical Distribution; Water Properties -general; ...2.1870

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Consumption; Economic Projections- Forecast; Forecasting - Prediction; Statistics; Water Costs; Water Resources Planning; ...2.1874

APPRAISAL OF WATER MANAGEMENT INSTITUTIONS - SURVEY OF OREGON WATER LAW ...Administrative Organizations; Legal Review; Northwest U. S.; Survey Studies (water); Water Standards & Baselines; ...2.1901

A PROGRAM TO DETERMINE THE ECONOMIC LOSSES TO THE STATE OF WASHINGTON OF VARIOUS DIVERSION PATTERNS ...Computer Models; Economic Impact; Economic Theory; Flood Control Planning; Irrigation; Mathematical Models; Recreation, Water Resources; Transportation; Water Control Works -general; Water Resources Protection; ...2.1928

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Wild Rivers; Wildlife - nonspecific; ...2.1940

WATER RESOURCE OPERATIONS STUDY ...Economic Theory; Operations Research; Water Cycle; Water Quality -general; Water Resources Development; Water Utilization -general; Wyoming; ...2.1941

Water Utilization -animal

EFFECT OF NITRATE AND NITRITE IN THE DRINKING WATER ON PERFORMANCE OF MARKET TURKEYS ...Contamination - Water; Meliagris; Mineralization; Nutrition; Potable Water; Water Supply -general; ...2.0156

CONTAMINATION OF DRINKING WATER AS A POSSIBLE FACTOR IN RETARDATION OF GROWTH OF SUCKLING CF1/AN1 MICE ...Contamination - Water; Muridae; Physiological Effects; Water Pollution -see Specifics; ...2.0574

SURVEY OF LAKE NO. 1, WINSLOW TRACT ...Aquatic Ecology - Animal; Chemical Analysis (water); Electro-fishing; Lakes; Nets; New Jersey; ...2.0679

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR IMPORTANCE TO NEW MEXICO ...Bioassays; Coliforms -nonspecific; Data Reduction and Analysis; Microorganisms -nonspecific; New Mexico; Rumen Bacteria; Water Pollution -see Specifics; Water Quality -general; Water Utilization -domestic; ...2.0684

LIVESTOCK FARMSTEAD WATER SYSTEMS ...Chemical Treatment (water); Farm Structures & Design; Flow Characteristics (water); Mathematical Models; Pumps; Water Distribution Systems; Water Utilization -general; ...2.0901

THERMAL WATER DEMONSTRATION PROJECT ...Agricultural Studies -general; Benefit-cost Analysis; Heat Recovery, Industrial; Pilot Plants; Technology - Social Impact; Thermal Pollution; Welfare Economics; ...2.1389

EFFECTS OF SODIUM NITRATE AND WATER CONTAMINANTS ON TURKEY PERFORMANCE ...Animal Pharmacology; Contamination - Water; Environmental Physiology; Meliagris; Nutrition; Physiological Effects; Pollution Effects -see Water; ...2.1513

EFFECTS OF ENVIRONMENTAL STRESSES ON BEEF CATTLE ...Bos; Environmental Physiology; Mineralogical Water Properties; Muridae; Physiological Effects; ...2.1636

A STUDY OF BAY SCALLOP GROWTH DURING FALL, WINTER AND SPRING IN HEATED SEA WATER ...Aquaria; Captive Rearing; Energy Conversion; Fish Farming; Marine Animals; New York; Temperature (water); ...2.1653

EVALUATE PERFORMANCE OF POULTRY AS AFFECTED BY WATER QUALITY ...Biological Effects; Chlorine; Filtration; Nutrition; Ponds; West Virginia; ...2.1774

Water Utilization -domestic

FATE OF AQUATIC HERBICIDES IN THE AQUATIC ENVIRONMENT ...Aquatic Plants -nonspecific; Endothall; Pesticide Action on Animals; Pesticide Aquatic Cycling; Pesticide Residues; Potable Water; Water Pollutants - Path of; ...2.0127

WATER RESOURCES IN SOURDOUGH AND MIDDLE CREEK WATERSHEDS - A COMPARATIVE STUDY OF QUALITY AND HYDROLOGY ...Acidity (water); Erosion; Montana; Sedimentation, Suspension; Water Quality Control -general; Watersheds; ...2.0230

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography; Forecasting - Prediction; Land Use; New Jersey; River Basins; Urban Environment; Urban Research; Water Pollution Sources; ...2.0251

INFLUENCE OF WATER QUALITY IN MAINTAINING WHITENESS WHEN LAUNDERING WHITE FABRICS ...Bleaching, Coloring; Fibers; Home Economics; Materials -properties; Mineralogical Water Properties; Organic Matter; Water Quality -general; ...2.0297

CHARACTERIZATION OF TASTE AND ODORS IN WATER SUPPLIES ...Analysis and Detection; Gas Chromatography; Mass Spectroscopy; Microorganisms -nonspecific; Water Bacteria; Water Pollution -see Specifics; Water Pollution Sources; ...2.0527

BIOASSAYS OF QUALITY IN WATER RESOURCES OF MAJOR 'MPORTANCE TO NEW MEXICO ...Bioassays; Coliforms -nonspecific; Data Reduction and Analysis; Microorganisms -nonspecific; New Mexico; Rumen Bacteria; Water Pollution -see Specifics; Water Quality -general; ...2.0684

WATER REOURCES OF SOUTHEASTERN WISCONSIN - RACINE AND KENOSHA COUNTIES ...Chemical Water Properties; Groundwater; Hydrographs; Recharge (water); Water Quality -general; Water Table; Water Wells; ...2.0856

HYDROLOGY OF CACHUMA RESERVOIR ...Aeration (water); California; Oxygen Content (water); Plant Population Dynamics - gen; Soil Tillage; Taste & Odor of Water, Water Quality -general; ...2.0878

BACKFLOW PREVENTION DEVICES FOR POTABLE WATER SYSTEMS AT NAVAL SHORE FACILITIES ...Military Sciences; Potable Water; Water Quality Control -general; ...2.0880

WATER SUPPLIES ...Chemical Water Properties; Chlorination; Disinfectants; Filtration; Iowa; Turbidity (water); Water Quality - general; ...2.0895

REHABILITATION OF A BRINE-POLLUTED AQUIFER ...Agricultural Studies -general; Aquifers; Arkansas; Brines; Fluid Properties; Irrigation; Water Pollution Abatement; ...2.0962

TUCSON WASTEWATER RECLAMATION PROJECT ...Arizona; Filtration; Fish; Pilot Plants; Waste Water Treatment -general; Water Reuse; Water Supply -general; ...2.1154

TECHNICAL, ECONOMIC & LEGAL ASPECTS IN THE EXCHANGE OF SEWAGE EFFLUENT FOR IRRIGATION WATER FOR MUNICIPAL USE (TUCSON) ...Agricultural Studies -general; Arizona; Legal Studies; Sewage, Water Purification; ...2.1155

WATER RESOURCE PLANNING IN URBAN REDEVELOPMENT ...Administrative Organizations; Drainage; Sewage; Storm Water; Urban Planning; Urban Research -general; Water Quality Control -general; Water Supply -general; ...2.1224

COMMUNITY ADOPTION OF WATER RECYCLING SYSTEMS ...Community - Social Studies; Social Aspects; Urban Environment; Water Resources Planning; Water Supply -general; ...2.1301

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

A BIOLOGICAL INVENTORY OF THE STREAMS AND IMPOUNDMENTS OF THOSE PORTIONS OF RIVER BASINS WITHIN 12 EAST CENTRAL ALABAMA COUNTIES ...Alabama; Aquatic Plants -nonspecific; Fish; Fishing; Pollution Effects -see Water, Recreation, Water Resources; Spawn Or Nesting Sites; Water Pollution Effects; ...2.1471

THE EFFECT OF SCHOOL WATER FLUORIDATION ON DENTAL CARIES ...Fluoridation; Fluorine; ...2.1500

AN INVESTIGATION OF THE WATER QUALITY AND PRODUCTIVITY OF POLSON BAY, FLATHEAD LAKE, MONTANA ...Animal Productivity; Bays; Lakes; Montana; Plant Productivity -general; Water Quality -general; ...2.1632

A QUANTITATIVE ANALYSIS OF LANDSCAPE ESTHETICS, WITH SPECIAL REFERENCE TO STREAM AND VALLEY SYSTEMS AND RELATED WATER AND LAND RESOURCES ...Indiana; Landscaping; Social Aspects; Temperate Climates; Water Quality -general; Water Resources Development; Wild Rivers; ...2.1829

MISSISSIPPI'S WATER LAWS AND POTENTIAL DEVELOPMENT PROBLEMS ...Conflicts; Effluents - Waste Water; Industrial Wastes; Irrigation; Legal Studies; Sanitary Landfills; State Government; Water Quality -general; Water Rights; ...2.1862

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Recreation, Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; ...2.1881

URBAN WATER POLICY AS AN INPUT IN URBAN GROWTH POLICY ...Government -see Federal Gov.; Land Use; Sewer Systems; Survey Studies (water); Urban Planning; Water Resources Planning; ...2.1916

Water Utilization -general

HYDROLOGIC STUDIES LEADING TO SITE UTILIZATION ...Adsorption Capacity; Management (water); Sediment Transport; Soil Tillage; ...2.0075

ABSTRACT PREPARATION FOR THE WATER RESOURCES SCIENTIFIC INFORMATION CENTER ...Abstracts; Archives; Energy Conversion; Information Science; Thermal Pollution; ...2.0370

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo.; Chemical Analysis (water); Environmental Geology; Hydrographs; Land Use; Soil Tillage; Water Quality -general; Water Table; Water Wells; ...2.0570

LIVESTOCK FARMSTEAD WATER SYSTEMS ...Chemical Treatment (water); Farm Structures & Design; Flow Characteristics (water); Mathematical Models; Pumps; Water Distribution Systems; ...2.0901

IMPACT OF CHANGES IN TECHNOLOGY ON WATER USE ...Agricultural Economics; Consumptive Use (water); Government -see Federal Gov.; Water Costs; Water Standards & Baselines; ...2.1219

AN EXPERIMENTAL PROGRAM ON WATER QUALITY MANAGEMENT ...Aquatic Plants -nonspecific; Effluents - Waste Water; Fish; Lakes; Michigan; Parks; Recreation, Water Resources; Social Aspects; Stocking of Fish & Shellfish; Water Resources Development; Water Table; ...2.1305

THERMAL WATER DEMONSTRATION PROJECT ...Agricultural Studies -general; Benefit-cost Analysis; Heat Recovery, Industrial; Pilot Plants; Technology - Social Impact; Thermal Pollution; Water Utilization -animal; Welfare Economics; ...2.1389

STANDARDS AND CRITERIA - EFFECT OF TURBIDITY ...Chemical Properties; Sediments; Soil Tillage; Turbidity (water); ...2.1510

ENVIRONMENTAL QUALITY STUDY PROJECT - UTILIZATION OF WASTE HEAT ...Agricultural Studies -general; Energy Conversion; Heat Recovery, Industrial; Thermal Pollution; Water Utilization -industrial; ...2.1721

A SYSTEM APPROACH FOR INTEGRATING GROUNDWATER AND SURFACE-WATER USE ...California; Groundwater; Systems Analysis - Water Mgmt; Waste Water Treatment - general; Water Quality -general; ...2.1787

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social

Aspects; Water Costs; Water Transfer; Water Utilization -plant; ...2.1791

THE INSTITUTE FOR THE DEVELOPMENT OF RIVERINE AND ESTUARINE SYSTEMS ...Administrative Organizations; Delaware River; Effluents - Waste Water; Estuaries; Industrial Wastes; Sedimentation; Waste Disposal-see Solid Waste; Water Resources Development; ...2.1903

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance; Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; ...2.1936

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

WATER RESOURCE OPERATIONS STUDY ...Economic Theory; Operations Research; Water Cycle; Water Quality -general; Water Resources Development; Water Transfer; Wyoming; ...2.1941

Water Utilization -industrial

REACTOR COOLING WATER FOR AGRO-INDUSTRIAL DEVELOPMENT THROUGH SOIL WARMING ...Agricultural Studies -general; Atomic Plants; Mathematical Models; Soil Moisture; Temperature Regulation; ...2.0319

TECHNICAL, ECONOMIC & LEGAL ASPECTS IN THE EXCHANGE OF SEWAGE EFFLUENT FOR IRRIGATION WATER FOR MUNICIPAL USE (TUCSON) ...Agricultural Studies -general; Arizona; Legal Studies; Sewage; Water Purification; Water Utilization -domestic; ...2.1155

LARGE IMPOUNDMENTS - PUEBLO RESERVOIR ...Arid and Desert Regions; Irrigation; Multiple Purpose Reservoirs; Rocky Mountain System; Water Properties -general; Water Quality -general; Water Supply -general; ...2.1507

ENVIRONMENTAL QUALITY STUDY PROJECT - UTILIZATION OF WASTE HEAT ...Agricultural Studies -general; Energy Conversion; Heat Recovery, Industrial; Thermal Pollution; ...2.1721

ESTIMATION OF CAPITAL-WATER ELASTICITIES OF SUBSTITUTION IN U.S. MANUFACTURING ...Administrative Organizations; Consumption; Economic Projections- Forecast; Forecasting - Prediction; Statistics; Water Costs; Water Resources Planning; Water Transfer; ...2.1874

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Recreation, Water Resources; Water Allocation; Water Resources Development; Water Resources Protection; Water Utilization -domestic; ...2.1881

Water Utilization -plant

INVESTIGATION INTO THE POSSIBLE AGRICULTURAL USE OF RECONDITIONED WATER FROM THE PROPOSED SOUTH-EASTERN PURIFICATION PLANT ...Australia; Foreign Agriculture; Recycle Water; Waste Treatment; Water Reuse; ...2.0873

A UNIFIED APPROACH TO WATER, FOOD AND POWER IN A COASTAL DESERT COMMUNITY ...Arid and Desert Regions; Auto Exhaust -see Air Poll.; Desalination; Electric Power Plants; Humidity; Mexico; Temperature - Air; ...2.1157

ENERGY EXCHANGE WITHIN ECOSYSTEMS ...Air Pollution - see Specifics; Computer Methods -general; Energy Budgets; Metabolism and Biochemistry; Plant Competition; Plant Physiological Ecology; Plant Response to Env. -ns; Temperature - Internal; ...2.1629

BIOLOGICAL NITROGEN FIXATION IN LAKES, PHASE II ...Algae - Cyanophyta; Eutrophic Lakes; Eutrophication; Hydrogenation; Nitrogen Metabolism; ...2.1779

THE ECONOMICS OF WATER TRANSFER - AN APPRAISAL OF INSTITUTIONS ...Administrative Organizations; Benefit-cost Analysis; Data Acquisition; Equity; Management (water); Markov Chains; Optimization, Economic; Regional Economics; Social Aspects; Water Costs; Water Transfer; ...2.1791

Water Wells

FATE OF TRACE-METALS (IMPURITIES) IN SUBSOILS AS RELATED TO THE QUALITY OF GROUND WATER ...Agricultural Runoff; Groundwater; Lakes; Soil Chemical Properties; Soil Fertility; Soil Organic Content; Soil Texture; Tension and Measurement; Water Pollutants - Path of; ...2.0004

CONTROL OF IRON BACTERIA IN WATER WELL SYSTEMS ...Bacterial Identification; Bacterial Pollutant Sources; Bacterial Population Surveys; Iron Bacteria; Water Bacteria; Water Quality Control -general; ...2.0006

THE CONTRIBUTION OF ORGANIC SOILS AND AGRICULTURE TO EUTROPHICATION IN LAKE APOPKA ...Agricultural Runoff; Eutrophic Lakes; Eutrophication; Mans Pollutional Activities; Nutrients; Phosphorus and Phosphorus Cpds; Plant Tissue Analysis -chem.; Soil Organic Content; Sub - Tropic Regions; Tillage, Cropping Systems; Water Quality -general; ...2.0098

AN ANOMALOUS OCCURRENCE OF SALINE WATER IN THE FLORIDAN AQUIFER ...Aquifers; Borehole Geophysics; Florida; Gamma Radiation; Geophysical Analysis; Saline Water Intrusion; ...2.0106

SALINE WATER POLLUTION OF POTABLE WATER SUPPLIES THROUGH DEEP ARTESIAN WELLS ...Aquifers; Environmental Changes; Groundwater; Mans Pollutional Activities; Saline Water Intrusion; ...2.0107

GROUND-WATER CONTAMINATION FROM HIGHWAY SALTING IN NEW HAMPSHIRE ...Cooperative Studies; Mans Pollutional Activities; Permeability; Soil Permeability; Water Pollutants - Path of; ...2.0184

NITRATES IN PLANTS AND WATER SUPPLIES FROM NITROGEN FERTILIZATION ...Agricultural Runoff; Clay Soils; Groundwater; Soil Depth; Soil Types -also See Specifics; ...2.0223

HYDROGEOLOGY OF A WELL FIELD ...Connecticut; Flow Characteristics (water); Geology -general; Soil Tillage; Water Quality -general; Water Resources Planning; ...2.0367

METHODS OF CONTROL OF NITROGEN AFFECTING THE QUALITY OF UNDERGROUND WATER SUPPLIES IN RUNNELS COUNTY, TEXAS ...Aquifers; Chemical Water Properties; Data Reduction and Analysis; Geology -general; Hydraulics; Texas; Water Pollution Sources; Water Supply -general; ...2.0375

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; Water Yield; ...2.0378

UNSTEADY FLOW OF GROUNDWATER -DISPERSION AND SALT WATER INTRUSION IN NON-HOMOGENEOUS MEDIA ...Aquifers; Dispersion (water); Fluid Mechanics; Physical Models; Recharge (water); Recharge Pits - Wells (water); Saline Water Intrusion; ...2.0450

THE QUALITY OF ARIZONA WATERS WITH PARTICULAR REFERENCE TO FLUORIDES ...Arizona; Chemical Analysis (water); Fluorine; Water Quality -general; ...2.0474

A SYSTEM FOR GEOLOGIC EVALUATION OF POLLUTION POTENTIAL AT MOUNTAIN DWELLING SITES ...Data Reduction and Analysis; Groundwater; Percolation (water); Sewage, Water Pollutant Identification; ...2.0521

EFFECTS OF URBANIZATION ON GROUND-WATER SUPPLIES, BOISE AREA, IDAHO ...Aerial Photography -see Photo.; Chemical Analysis (water); Environmental Geology; Hydrographs; Land Use; Soil Tillage; Water Quality -general; Water Table; ...2.0570

DIGITAL COMPUTER MODELING OF LIMESTONE GROUNDWATER SYSTEMS ...Aquifers; Computer Models; Forecasting - Prediction; Groundwater Basins; Limestone-general; Mathematical Models; Water Pollutants - Path of; ...2.0601

WATER RESOURCES OF RANKIN COUNTY ...Aquifers; Groundwater; Mississippi; Water Supply Augmentation, ...2.0650

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; ...2.0677

WATERBORNE DISEASE ETIOLOGY ...Animal Pollutant Sources; Czechoslovakia; Florida; Food Contamination; Protozoa; Virginia; ...2.0715

GEOHYDROLOGY OF SHALLOW AQUIFERS IN HENRY AND WEAKLEY COUNTIES, TENNESSEE ...Aquifers; Chemical Analysis (water); Geophysical Analysis; Permeability; Tennessee; ...2.0803

WATER REOURCES OF SOUTHEASTERN WISCONSIN - RACINE AND KENOSHA COUNTIES ...Chemical Water Properties; Groundwater; Hydrographs; Recharge (water); Water Quality -general; Water Table; ...2.0856

ON-SITE PURIFICATION OF GROUND WATER AND DOMESTIC SEWAGE BY AEROBIC MICRO-FAUNA ...Aerial Irrigation -general; Artificial Recharge; Flood Irrigation; Groundwater; Potable Water; Recreation, Water Resources; Septic Tanks; Sewage - Domestic; ...2.0883

SALT-WATER ENCROACHMENT IN THE BRUNSWICK AREA, GEORGIA ...Aquifers; Brackish Water; Chlorine; Georgia; Saline Water Intrusion. Water Quality Control -general; Water Table; ...2.0890

LIVESTOCK FARMSTEAD WATER SYSTEMS ...Chemical Treatment (water); Farm Structures & Design; Flow Characteristics (water); Mathematical Models; Pumps; Water Distribution Systems, Water Utilization -general; ...2.0901

CORROSION AND ENCRUSTATION MECHANISMS IN WATER SUPPLIES ...Corrosion, Deterioration; Demineralization; Mineralization; Oxidation; Thermodynamics; ...2.0991

DISPOSAL OF HEATED WATER THROUGH GROUND WATER SYSTEMS ...Economic Studies -general; Groundwater; Mathematical Models; Physical Models; Thermal Pollution; ...2.1025

GROUND WATER RECHARGE THROUGH PITS AND WELLS ...Agricultural Runoff; Artificial Recharge; Drainage; Filters - Porous Materials; Flow Characteristics (water); Groundwater Movement; Irrigation Engineering; Recharge Pits - Wells (water); Soil Profile; ...2.1026

PRELIMINARY INVESTIGATION TO EVALUATE DEEP-WELL DISPOSAL POSSIBILITIES IN MOBILE, BALDWIN, AND ESCAMBIA COUNTIES, ALABAMA ...Alabama; Environmental Geology; Permeability; Porosity; Specific Rock Unit; Urban Environment; Waste Disposal, Underground; ...2.1147

GROUNDWATER RECHARGE AND QUALITY TRANSFORMATIONS DURING THE INITIATION AND MANAGEMENT OF A NEW STABILIZATION LAGOON ...Absorption (incl. Adsorption); Artificial Recharge; Gramineae -other; Irrigation; Lysimeters; Mineral Nutrition; Nitrogen and Nitrogen Cpds.; Recharge (water); Sewage; Turf; Water Quality -general; ...2.1158

DEVELOPMENT OF SYSTEMS FOR GROUND WATER RECHARGE INTO THE OGALLALA FORMATION ...Agricultural Runoff; Filtration; Playas; Ponds; Specific Rock Unit; Texas; ...2.1430

EFFECT OF UNLINED TREATED SEWAGE STORAGE PONDS ON WATER QUALITY IN THE OGALLALA FORMATION ...Aquifers, Chemical Effects; Effluents - Waste Water; Irrigation; Percolation (water); Pliocene Epoch; Sewage; Texas; Water Pollution Sources; Water Reuse; ...2.1431

HYDROLOGY OF THE CRYSTALLINE ROCK SYSTEM IN SOUTHEASTERN STATES ...Alabama; Groundwater; Maryland; Petrology; Piedmont Province; Southeast U. S.; Water Quality - general; Water Yield; ...2.1660

BACTERIAL ADSORPTION ON SOILS ...Adsorption, Bacterial Pollutant Sources; Forecasting - Prediction; Recharge (water); Soil Moisture; Water Pollutants - Path of; ...2.1737

EVALUATE PERFORMANCE OF POULTRY AS AFFECTED BY WATER QUALITY ...Biological Effects; Chlorine; Filtration; Nutrition; Ponds; Water Utilization -animal; West Virginia; ...2.1774

DEVELOPMENT OF COST CRITERIA FOR WATER SUPPLY ...Illinois; Urban Environment; Water - Alternative Uses; Water Resources Development; Water Transfer; ...2.1824

FARM ANIMAL WASTE DISPOSAL ...Agricultural Runoff; Bos; Irrigation; Rainfall - Runoff Relationship; Soil Fertility; ...3.0148

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE SOUTHEAST ...Atlantic Coastal Plain; Chemical Analysis (water); Lindane; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; Toxaphene; Water Pollutant Identification; Water Pollution Abatement; Water Supply -general; ...4.0026

PESTICIDE POLLUTION OF FARMSTEAD WATER SUPPLIES IN THE NORTHEAST ...Chlorinated Hydrocarbons; DDT; Northeast U. S.; Pesticide Residues; Preventative Measures; Sediments; Water Pollutant Identification; Water Quality Control - general; ...4.0037

FATE OF POLLUTANTS IN GROUND WATER ...Aquifers; Groundwater; Pesticides -see Pesticide; Texas; ...4.0062

MOVEMENT OF HERBICIDES IN SOIL, SURFACE WATER AND UNDERGROUND WATER ...Agricultural Runoff; Aquifers; Atrazine; Environment Accumulation Rates; Groundwater Movemeat; Lakes; Pesticide Aquatic Cycling; Pesticide Movement in Soils; Pesticide Residues; Pesticides -see Pesticide; Playas; Ponds; Rain; Slope; Soil Moisture; Texas; Water Pollutants - Path of; ...4.0185

Water Yield

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Forest Watersheds; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; ...2.0013

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Agricultural Watersheds; Dissolved Load; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Suspension; Urban Runoff; Water Reuse; Watersheds; ...2.0019

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

THE ARTESIAN SYSTEM IN GEORGIA STRATIGRAPHY AND HYDROLOGY OF THE OCALA ...Aquifers; Eocene Epoch; Georgia; Groundwater Movement; Lithology; Natural Recharge; Petrology; Specific Rock Unit; Water Table; ...2.0112

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Forest Watersheds; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

PRINCIPLES, FACILITIES AND SYSTEMS FOR GROUND WATER RECHARGE--SOUTHERN PLAINS ...Aquifers; Atrazine; Computer Models; Groundwater; Infiltration; Pesticides -see Pesticide; Picloram; Specific Rock Unit; Water Conservation -general; Water Table; ...2.0378

EFFECT OF USING RUNOFF WATER IN RECHARGE WELLS-HIGH PLAINS AREA ...Aquifers; Bacterial Pollutant Sources; Herbicides -nonspecific; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Pliocene Epoch; Silting (water) -see Sediment; Water Bacteria; Water Pollution Sources; ...2.0386

WATER RESOURCES OF THE BOWLING GREEN AREA, KENTUCKY ...Aquifers; Cooperative Studies; Floods; Groundwater Movement; Land Use; Water Resources Planning; Water Supply - general; ...2.0602

HYDROGEOLOGY OF PUBLIC GROUND WATER SUPPLIES IN PENNSYLVANIA ...Chemical Analysis (water); Groundwater; Management (water); Potomac River; Susquehanna River; ...2.0753

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

HYDROLOGY OF THE CRYSTALLINE ROCK SYSTEM IN SOUTHEASTERN STATES ...Alabama; Groundwater; Maryland; Petrology; Piedmont Province; Southeast U. S.; Water Quality - general; ...2.1660

A SYSTEM APPROACH FOR INTEGRATING GROUNDWATER AND SURFACE-WATER USE ...California; Groundwater; Systems Analysis - Water Mgmt; Waste Water Treatment - general; Water Quality -general; Water Utilization -general; ...2.1787

EVALUATION OF GROUNDWATER RESOURCES, LIVERMORE VALLEY, CALIFORNIA ...California; Flow Characteristics (water); Management (water); Model Studies; Soil Tillage; Water Quality -general; ...2.1789

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; Lakes; North Carolina; Soil Cover Crops; Surveying; Urban Research -general; Water Quality -general; Weather Data; ...2.1892

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff; Climates -general; Elevation Levels, Altitude; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

Watersheds

HYDROLOGICAL AND ENVIRONMENTAL CONTROLS ON WATER MANAGEMENT IN SEMIARID URBAN AREAS ...Chemical Water Properties; Engineering Structures-general; Groundwater; Rainfall - Runoff Relationship; Soil Tillage; Storm Sewer Quantity; Suspension; Urban Runoff; Water Reuse; ...2.0019

WATERSHED INVESTIGATION, GRASS VALLEY CREEK ...California; Ecological Effects; Sedimentation; Sediments; Spawn Or Nesting Sites; Water Pollution Sources; ...2.0047

SEDIMENTATION AND CONTAMINATION CRITERIA FOR WATER RESOURCES PLAN AND MANAGEMENT ...Dispersion (water); Dyes; Erosion; Flow Characteristics (water); Flume Studies, Management; Mathematical Models; Radioisotopes; Sediment Transport; Sedimentation; Soil Cover Crops; Streams; Water Resources Planning; ...2.0080

CHEMISTRY OF ATMOSPHERIC PRECIPITATION ...Chemical Analysis -general; Chemical Water Properties; New York; North Carolina; Precipitation; Virgin Islands; ...2.0092

POLLUTION IN HAWAIIAN WATERSHEDS ...Bacterial Pollutant Sources; Biological Water Properties; Chemical Water Properties; Hawaii; Nutrients; Water Pollutant Identification; Water Pollution Effects; Water Pollution Sources; ...2.0118

PATTERNS OF PESTICIDE CONTAMINATION OF WATER ...Animal Life History Studies; Bioindicators; Degradation -see Pesticide Deg; Floods; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Toxicity in Animals; Pollution Effects -see Water; Sands & Gravels; Water Pollutant Identification; Water Pollution Effects; ...2.0139

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Disturbance; Erosion; Iowa; Location; Methods; Sediment Yield; Sediments; Soil Chemical Properties; ...2.0145

LIMNOLOGICAL SURVEY OF SURFACE WATERS OF THE COTTONWOOD-NEOSHO DRAINAGE IN CHASE, LYON, AND COFFEY COUNTIES, KANSAS ...Bacterial Ecology; Benthic Organisms -nonspecific; Coliforms -nonspecific; Fish Food Organisms; Nutrients; Plankton; Survey Studies (water); Water Properties -general; ...2.0158

WATERSHED ANALYSIS RELATING TO EUTROPHICATION OF LAKE MICHIGAN ...Biological Water Properties; Data & Statistics Info Storage; Effluents - Waste Water; General Information Services; Land Use; Michigan; Pesticide Aquatic Cycling; Phosphorus and Phosphorus Cpds; Social Aspects; Water Pollutants - Path of; ...2.0197

HISTORY, EVOLUTION AND EUTROPHICATION OF MINNESOTA LAKES ...Algae - Cyanophyta; Animal Productivity; Carbon; Chlorophyll; Erosion; Eutrophication; Mineralogical Water Properties; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Sediments; Water Depth, Water Levels; ...2.0205

RESERVOIR SEDIMENTATION ...Aquatic Soils; Chemical Properties; Model Studies; Physical Properties; Reservoirs and Impoundments; Sedimentation; Soil Chemical Properties; Spillways; ...2.0213

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Morphology; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; ...2.0214

SEDIMENT SOURCES, YIELD, TRANSPORT, DEPOSITION AND PROPERTIES ...Aquatic Soils; Chemical Properties; Effects; Harbors; Location; Physical Properties; Rate of Deposition; Runoff (water); Sediment Yield; Soil Chemical Properties; Soil Cover Crops; ...2.0215

REDISTRIBUTION OF RADIOACTIVE FALLOUT IN WATERSHEDS DUE TO CULTURAL AND EROSIONAL PROCESSES ...Adsorption Capacity; Density; Exchange Capacity; Mississippi; Phosphorus and Phosphorus Cpds; Radioactivity Studies -general; Runoff (water); Soil Analysis; Soil Radiation Emission; ...2.0216

WATER RESOURCES IN SOURDOUGH AND MIDDLE CREEK WATERSHEDS - A COMPARATIVE STUDY OF QUALITY AND HYDROLOGY ...Acidity (water); Erosion; Montana; Sedimentation; Suspension; Water Quality Control -general; ...2.0230

URBANIZATION AND ITS EFFECT ON WATER RESOURCES ...Demography; Forecasting - Prediction; Land Use; New Jersey; River Basins; Urban Environment; Urban Research; Water Pollution Sources; Water Utilization -domestic; ...2.0251

QUALITY OF STORM WATER DRAINAGE FROM URBAN LAND AREAS IN NORTH CAROLINA ...Acidity (water); Alkalinity (water); Coliforms -nonspecific; Herbicides -nonspecific; North Carolina; Pesticides -nonspecific; Rainfall - Runoff Relationship; Turbidity (water); Urban Research -general; Water Pollution Sources; ...2.0288

NUTRIENT EXCHANGES AND SOURCES OF NITROGEN AND PHOSPHORUS IN THE UPPER SHEYENNE RIVER WATERSHED ...Lakes; Nitrogen and Nitrogen Cpds.; North Dakota; Nutrients; Phosphorus and Phosphorus Cpds; Reservoirs and Impoundments; Water Pollutant Identification; ...2.0296

STRIP-MINING AND WATER QUALITY ...Chemical Analysis (water); Mine Wastes; Ohio; Spoil Banks; Strip Mines; Water Quality -general; ...2.0304

HYDROGEOLOGY AND THE EFFECTS OF ACID COAL-MINE DRAINAGE ON GROUND WATER IN TOMS RUN, CLARION COUNTY, PENNSYLVANIA ...Acid Mine Drainage; Aquifers; Chemical Water Properties; Drilling Operation; Groundwater; Iron; Pennsylvania; Underground Workings; Water Table; ...2.0340

WATERSHED AQUATIC HABITAT INTERACTIONS ...Animal Habitat Studies; Animal Productivity; Calcium; Forest Debris; Nutrients; Periphyton; Plant Freshwater Ecology; Plant Population Dynamics -gen; Rain; Water Pollutants - Path of; Water Resources Planning; ...2.0374

A STUDY OF THE BIOLOGICAL, CHEMICAL AND PHYSICAL NATURE OF WATER QUALITY FACTORS UNDER UTAH CONDITIONS ...Algae -nonspecific; Biological Water Properties; Contamination - Water; Industrial Wastes; Irrigation; Physical Water Properties; Utah; Water Pollutants - Path of; Water Pollution Sources; Water Quality -general; ...2.0400

APPLIED ECOLOGICAL STUDY OF SPRING CREEK, FORT COLLINS, COLORADO ...Annelida; Invertebrates -nonspecific; Species Diversity Measurement; Water Pollution Sources; ...2.0522

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Drainage Systems; Flood Control Planning; Floods; Michigan; Rain; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0626

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

MATHEMATICAL SIMULATION OF A LARGE WATERSHED USING THE SYSTEMS APPROACH TO QUANTITY AND QUALITY ANALYSIS ...Economic Theory; Groundwater Movement; Management; Management (water); Mathematical Models; Optimization Technique; Prediction; River Basins; Sensitivity Problems; Snowmelt; Systems Analysis - Water Mgmt; Water Quality -general; ...2.0646

A PROPOSAL TO DEVELOP A PLAN FOR THE CONSTRUCTION AND TESTING OF WATER POLLUTION FORECASTING MODELS ...Forecasting - Prediction; Mathematical Models; Water Costs; Water Quality Control -general; Water Supply - general; ...2.0660

HEAVY METAL RESIDUES IN CHANNEL CATFISH FROM SELECTED WATERSHEDS IN NEBRASKA ...Aquatic Ecology - Animal; Contamination - Water; Lead; Nebraska; ...2.0664

A STUDY OF THE NUTRIENT INPUTS INTO CAYUGA LAKE AND SENECA LAKE ...Chemical Analysis (water); Lakes; New York; Nutrients; Precipitation; ...2.0690

A SYSTEMATIC AND ECOLOGICAL SURVEY OF THE ZOOPLANKTON AND PHYTOPLANKTON OF NORTHEASTERN OHIO GLACIAL LAKES ...Biological Water Properties; Ecological Effects; Eutrophication; Glaciology; Nutrients; Physical Water Properties; ...2.0730

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Oklahoma;

Remote Sensing; Soil Moisture; Soil Thermal Properties; Soil Types salso See Specifics; Tension and Measurement; ...2.0738

A CLASSIFICATION OF THE LAKES OF THE STATE OF OREGON ...Algae -nonspecific; Carbon - 14 Dating; Data Reduction and Analysis; Management (water); Oregon; Plant Freshwater Ecology; Survey Studies (water); Water Quality -general; ...2.0744

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Degradation - see Pesticide Deg; Fishing; Land Use; Relief; South Dakota; Water Pollution Sources; Water Supply -general; ...2.0799

A MODEL RELATING WATER QUALITY VEGETATIONAL STRUCTURE AND URBANIZATION IN THE SAN JACINTO RIVER BASIN ...Biological Water Properties; Computer Models; Cybernetics; Development of Models; Land Use; River Basins; Urban Environment; Urban Research -general; ...2.0822

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

APPLICATION OF REMOTE SENSINC TO THE DETERMINATION OF WATER QUALITY ...Aircraft Remote Sensing; Data Reduction and Analysis; Internal Reflection; Legislation - Zoning; Water Pollutant Identification; Water Resources Planning; Wisconsin; ...2.0857

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED, WALWORTH, ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Algae -nonspecific; Chemical Water Properties; Fish; Najadaceae; Physical Water Properties; Range Or Territorial Distr.; Water Pollutant Identification; ...2.0868

INFLUENCE OF SEDIMENTATION UPON THE PRODUCTION OF GAME FISHES ...Animal Productivity; Ecological Effects; Fish Food Organisms; Pollution Effects -see Water; Sediment Yield; Sediments; Turbidity (water); ...2.0881

SEDIMENTATION AND CONTAMINANT CRITERIA FOR WATER RESOURCES PLANNING AND MANAGEMENT ...Dispersion (water); Management (water); Sedimentation; Water Pollutants - Path of; Water Standards & Baselines; ...2.0984

SYSTEM STUDY, DESIGN, AND EVALUATION OF THE LOCAL STORAGE, TREATMENT, AND REUSE OF STORM WATER ...Benefit-cost Analysis; Hydrographs; Pollutant Removal; Rainfall - Runoff Relationship; Storm Sewer Quantity; Urban Environment; Urban Runoff; Water Costs; Water Quality Control -general; Water Storage; ...2.1038

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; ...2.1089

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater, Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; ...2.1306

COAL STRIP MINE WATERSHED DEMONSTRATION--JACKSON COUNTY, ALABAMA ...Alabama; Coal; Strip Mines; Water Pollution Effects; Water Quality -general; ...2.1715

COAL STRIP MINE WATERSHED STUDY ...Alabama; Coal; Data Acquisition; Engineering Structures-general; Pollution Effects -see Water; Soil Tillage; Strip Mines; Water Quality -general; ...2.1719

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Community - Social Studies; Effluents - Waste Water; Legal Studies; Optimization, Economic; Water Costs; Water Resources Planning; Water Standards & Baselines; Welfare Economics; ...2.1844

ECONOMICS OF SEDIMENT CONTROL ON A MIXED WATERSHED IN NORTH MISSISSIPPI ...Benefit-cost Analysis; Economic Impact; Erosion; Land Use; Mississippi; Sediments; Water Resources Planning; ...2.1861

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; Lakes; North Carolina; Soil Cover Crops; Surveying; Urban Research -general; Water Quality -general; Water Yield; Weather Data; ...2.1892

MASSACHUSETTS PESTICIDE MONITORING STUDY ...Massachusetts; Monitoring Systems; Pesticide Residues; Pesticides - nonspecific; Pesticides -see Pesticide; ...4.0038

PESTICIDE MONITORING OF AQUATIC ENVIRONMENT, MICHIGAN PORTION OF THE GREAT LAKES BASIN ...Analysis and Detection; Birds; Contamination - Water; Gas Chromatography; Industrial Wastes; Lakes; Mollusca; Pathology; Pesticide Aquatic Cycling; Waste Management -see Specific; ...4.0042

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-; ...4.0060

TRANSFER OF PESTICIDES THROUGH WATER, SEDIMENTS, AND AQUATIC LIFE ...Aquatic Ecology - Animal; Aquatic Soils; Chemical Properties; Ecological Effects; Organophosphorous Cpds.; Pesticide Residues; Ponds; Rural Areas; Urban Environment; Water Pollution Sources; ...4.0065

EFFECT OF PESTICIDE RESIDUES AND OTHER ORGANOTOXICANTS ON THE QUALITY OF SURFACE AND GROUNDWATER RESOURCES ...Agricultural Runoff; Aquatic Soils; Chemical Treatment (water); Groundwater; Mineralogy; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Residues Removal; Pesticides -see Pesticide; Soil Microbiology; Soil Organic Content; Water Pollutant Identification; Water Pollution Effects; ...4.1026

Agricultural Watersheds

SEDIMENT YEILD FROM RANGELAND WATERSHEDS IN THE SOUTHWEST ...Dissolved Load; Forecasting - Prediction; Land Use; Mathematical Models; Physiography -general; Range Management; Sediments; Southwest U. S.; Tillage, Cropping Systems; ...2.0016

NUTRIENT EXCHANGE IN RIVERS AND LAKES ...Eutrophic Lakes; Nutrients; Urban Environment; Water Pollution Sources; ...2.0085

PROPERTIES OF TILE DRAINAGE WATER ...Acidity (water); Alkalinity (water); Chemical Water Properties; Drainage; Drainage Engineering; Mineralogical Water Properties; Pesticide Residues; Phosphorus and Phosphorus Cpds; Zea Mays - Field Corn; ...2.0149

POLLUTION LOADS IN RUNOFF FROM SMALL AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Fertilizers; Herbicides -nonspecific; Pesticides -nonspecific; Pesticides -see Pesticide; Water Movement -general; ...2.0174

RATES AND PROCESSES OF RESERVOIR SEDIMENTATION IN THE CORN BELT ...Agricultural Runoff; Aquatic Soils; Chemical Properties; Design Criteria; Eutrophication; Rainfall - Runoff Relationship; Reservoirs and Impoundments; Sedimentation; Spillways; Survey Studies (water); Turbidity Currents; ...2.0217

THE MOVEMENT AND YIELD OF NUTRIENTS FROM AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Animal Wastes - Feed Lots; Chemical Analysis (water); Fertilizers; Iowa; Loess; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Terracing; Zea Mays - Field Corn; ...2.0218

NITRATES IN PLANTS AND WATER SUPPLIES FROM NITROGEN FERTILIZATION ...Agricultural Runoff; Clay Soils; Groundwater; Soil Depth; Soil Types -also See Specifics, Water Wells; ...2.0223

STREAM SEDIMENT INVESTIGATION ...Benthic Fauna; Contamination - Water; Engineering Structures-general; Farm Structures & Design; Land Use, Modification Effects; Pilot Plants; Population Dynamics -general; Sediments; Soil Conservation-see Conserv.; Stream Banks; Turbidity (water); Water Temperature Recorders; ...2.0229

SOIL AND WATER MANAGEMENT SYSTEMS FOR PREVENTION OF SOIL AND WATER POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Escherichia Coli; Farm Animal Wastes; Groundwater Movement; Land Use; Nitrification; Organic Matter; Rock - Soil Pollution; Soil Aeration; Sub - Humid Climates; Water Balance - Budget; Water Pollution Sources; Water Table; ...2.0240

ASSESSMENT AND CONTROL OF POLLUTION OF SURFACE AND GROUND WATER BY FERTILIZERS ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Drilling and Coring; Fertilizers; Iowa; Loess -see Soil Types, Percolation (water); Sediment Yield; Soil Chemical Properties; Streams; Water Pollution Abatement; ...2.0241

ROLE OF ANIMAL WASTES IN AGRICULTURAL LAND RUNOFF ...Agricultural Runoff; Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Small Watersheds; Soil Tillage; Water Quality -general; ...2.0293

WATER CONTAMINATION BY FERTILIZER NITROGEN AND PHOSPHORUS ...Agricultural Runoff; Fertilizers; Nitrogen and Nitrogen Cpds.; North Carolina; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Subsurface Runoff; ...2.0294

CHEMICAL AND SEDIMENT MOVEMENT FROM AGRICULTURAL LAND INTO LAKE ERIE ...Agricultural Runoff; Aldrin; Contamination - Water; Drainage; Lake Erie; Nitrogen and Nitrogen Cpds.; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Precipitation; Sediment Yield; Soil pH; Soil Texture; Temperature - Air; ...2.0302

RELATION OF AGRICULTURAL PRACTICES TO WATER QUALITY IN NORTH APPALACHIAN REGION ...Agricultural Runoff; Air Pollution Effects; Chemical Analysis; Dieldrin; Fertilizers; Loam -see Soil Types; Natural Recharge; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Rainfall - Runoff Relationship; Sediments; Soil Moisture; Water Pollutants - Path of; ...2.0307

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality - general; ...2.0349

SEDIMENT YIELDS FROM RANGELAND WATERSHEDS IN THE NORTHERN GREAT PLAINS ...Agricultural Runoff; Farm Pond; Great Plains Province; Precipitation; Precipitation Gages; Sediment Yield; Soil Texture; Survey Studies (water); ...2.0366

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Agricultural Runoff; Climates -general; Conservation -see Soil Conser.; Land Use; Sediment Yield; Small Watersheds; Soil Cover Crops; Thunderstorms; ...2.0387

SEDIMENT YIELD IN RELATION TO WATERSHED AND CLIMATIC CHARACTERISTICS IN THE WESTERN GULF REGION ...Deposition-general; Flood Control; Flood Routing; Forecasting - Prediction; Land Use; Mathematical Models; Rain Amount; Sediment Yield; Texas; ...2.0388

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality - general; ...2.0395

SEDIMENT YIELD FROM AGRICULTURAL WATERSHEDS IN NEW ENGLAND ...Deposition-general; Hydraulics; New England Province; Physical Properties; Sediments; Snowmelt; Suspension; ...2.0486

PREDICTING NITRATE CONTENT OF AGRICULTURAL DRAIN WATER ...Absorption (incl. Adsorption); Computer Models; Drainage; Fertilizers; Impaired Water Use; Mathematical Models; Nitrogen Cycle -see Denitrif.; Soil Chemical Properties; Soil Moisture; Soil Water Plant Relationships; ...2.0513

AN ECOLOGICAL EVALUATION OF STREAM EUTROPHICATION ...Agricultural Land Use Effects; Aquatic Ecology - Animal; Degradation -see Pesticide Deg; Drainage; Eutrophication; Industry Land Use Effects; Michigan; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Plant Freshwater Ecology; Recreation, Water Resources; Urban Environment; Water Pollutant Identification; Water Standards & Baselines; ...2.0634

PHYSICAL AND CHEMICAL PROPERTIES OF SEDIMENTS ...Agricultural Runoff; Channels; Drainage; Eutrophication; Fish; Pesticide Residues; Pesticides -see Pesticide; Reservoirs and Impoundments; Turbidity (water); ...2.0653

GROUND AND SURFACE WATERS - POLLUTION ...Agricultural Runoff; Bacterial Pollutant Sources; Chemical Analysis (water); Coliforms -nonspecific; Effluents - Waste Water; Nitrogen and Nitrogen Cpds.; Optical Properties of Water; Pesticides -see Pesticide; Potable Water; Sediments; Turbidity (water); Water Chemistry; Water Wells; ...2.0677

GEOCHEMISTRY OF WATERS OF THE HOG CREEK BASIN - HAMILTON, CORYELL, AND BOSQUE COUNTIES, TEXAS ...Agricultural Runoff; Animal Pollutant Sources; Chemical Water Properties; Geology -general; Plant Pollutants; Soil Fertility; Texas; ...2.0826

EVALUATION OF THE BIOLOGICAL AND PHYSICAL ENVIRONMENTAL PARAMETERS OF WATERSHEDS ...Agricultural Runoff; Bacterial Ecology; Bacterial Pollutant Sources; Chemical Water Properties; Hydraulics; Land Use; Rainfall - Runoff Relationship; Soil Microbiology; Soil Moisture; Vermont; Water Pollutants - Path of; ...2.0829

WATERSHED RANGE CONDITIONS AND THEIR EFFECTS ON WATER QUALITY ...Bacterial Pollutant Sources; Chemical Water Properties; Range Management; Water Bacteria; Water Quality -general; ...2.1140

ECONOMIC EVALUATION OF THE EFFECT OF SELECTED CROP PRACTICES ON NON-AGRICULTURAL USES OF WATER ...Agricultural Studies -general; Costs -see Economics Entries; Mathematical Models; Optimization, Economic; Sediments; Water Costs; Water Quality -general; ...2.1828

TECHNOLOGY AND ECONOMICS OF CONSERVATION ...Agricultural Economics; Climates -general; Erosion; Floods; Gully Or Channel Erosion; Meetings; Rainfall - Runoff Relationship; Sheet Erosion; Soil Conservation-see Conserv.; Streams; Water Costs; Water Pollution Abatement; Water Storage; ...2.1831

ECONOMIC IMPACTS OF WATER POLLUTION CONTROL PROGRAMS ON CATTLE FEEDLOTS ...Beef Industry; Bea; Water Pollution Abatement; Water Resources Planning; ...2.1844

REMOVAL OF CONTAMINANTS FROM RURAL WATER SUPPLIES ...Agricultural Runoff; Aldrin; DDT; Endrin; Eptam; Filtration; Pesticide Formulation; Pesticide Residues Removal; Ponds; Rural Areas; ...4.0034

THE INFLUENCE OF HERBICIDES USED ON HORTICULTURAL CROPS ON STREAM ECOLOGY ...Agricultural Runoff; Algae -nonspecific; Aquatic Plants -nonspecific; Chemical Analysis (water); Contamination - Water; Environment Accumulation Rates; Fruit, Nut, and Berry Crops; Metabolism of Algacides; Pesticide Aquatic Cycling; Pesticide Toxicity to Microorg; Photosynthesis; Plant Freshwater Ecology; ...4.0040

NITROGEN, PHOSPHORUS, HERBICIDE MOVEMENT BY SOIL WATER AND SOURCES OF CONTAMINATION ...Agricultural Runoff; Climates -general; Drainage; Fertilizer Losses; Flume Studies; Mineralogy; North Carolina; Pesticide Movement in Soils; Phosphorus and Phosphorus Cpds; Soil - Crop Relationships; Soil Chemical Properties; Soil Moisture; T, 2,4,5-, Watersheds; ...4.0060

CHEMICAL CONTAMINANTS IN SOIL AND WATER RUNOFF IN NEW ENGLAND ...Agricultural Runoff; Chemical Analysis (water); Clay Soils; Environment Accumulation Rates; Erosion; Loam -see Soil Types; New England Province; Pesticide Movement in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Sediments; Soil Profile; Thiodan; Vegetables; ...4.0116

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

MOVEMENT OF HERBICIDES OFF, INTO AND THROUGH SOILS ...Climates -general; Environment Accumulation Rates; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; ...4.0155

REDUCTION OF PESTICIDE RESIDUE HAZARDS ...Azodrin; DDT; Gardona; Labiatae; Medicago; Pesticide Aquatic Cycling, Pesticide Residues; Phaseolus; Ponds; Sevin; Sus; Thimet; Water Quality Control -general; ...4.1024

Forest Watersheds

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation; Handbooks; Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; Wildlife -nonspecific; ...1.0071

ENGINEERING SYSTEMS FOR UTILIZATION OF HEAVY TIMBER STANDS OF THE PACIFIC COAST INCLUDING ALASKA ...Agricultural Economics; Alaska; Cost-benefit Analysis; Equipment & Machinery; Forest Fires -see Fire; Helicopters; Recreation, Outdoor; Types of Resources; ...1.0656

CONTROL OF EROSION AND SEDIMENTATION FROM ROAD BUILDING AND LOGGING--ALASKA COASTAL FORESTS ...Alaska; Benthic Fauna; Ecological Effects; Erosion; Forest Debris; Lumbering -general; Population Dynamics -general; Productivity of Freshwater; Roads & Highways -see Highways; Sediment Yield; Soil Moisture; Temperature (water); Tundra; Water Yield; ...2.0013

PROGRESSIVE EUTROPHICATION OF LAKE TAHOE ...Algae - nonspecific; Elevation Levels, Altitude; Erosion; Mineralogical Water Properties; Oligotrophic Lakes; Optical Properties of Water; Recreation, Water Resources; Temperature Or Heat Budgets; Turbidity (water); ...2.0032

PLANKTON COMMUNITY ECOLOGY IN NORTHERN CALIFORNIA LAKES ...Benthic Organisms -nonspecific; Energy Budgets; Lower Plants; Nutrients; Plant Population Dynamics - gen; Water Bacteria; Zooplankton; ...2.0033

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

NUTRIENT EXCHANGE IN RIVERS AND LAKES ...Agricultural Watersheds; Eutrophic Lakes; Nutrients; Urban Environment; Water Pollution Sources; ...2.0085

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Small Watersheds; Soil Fertility; Soil Tillage; Water Properties -general; Weathering Products; ...2.0087

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Hydrographs; Piedmont Province; Rainfall - Runoff Relationship; Slope; Soil Density; Soil Moisture; Water Table; ...2.0113

REDUCTION IN DAMAGES TO FORESTS BY IMPROVING MINING AND REHABILITATION PROCEDURES ...Acidity (water); Ceramics; Construction Materials; Eragrostis; Forest Recreation; Kentucky; Mine Wastes; Rehabilitation -streams - lakes; Sediments; Soil Chemical Properties; Soil pH; Soil Water Plant Relationships; Strip Mines; Toxic Minerals; ...2.0159

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; Wetlands; ...2.0204

STUDIES ON EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Chemical Water Properties; Forest Cutting Operations; Optical Properties of Water; Periphyton; Primary Productivity - Plants; Suspension; ...2.0321

EFFECT OF WATERSHED PRACTICES IN COASTAL STREAMS ...Bottom Sampling; Contamination - Water; Forest Debris; Marine Environments; Pesticides -see Pesticide; Pollution Effects -see Water; Pulp and Paper Wastes; Salmo Clarki; Spawning -see Fish & Shellfish; Suspension; Water Supply - general; ...2.0322

SOIL STABILIZATION AND RUNOFF REGULATION IN CONIFER WATERSHEDS OF WESTERN WASHINGTON AND OREGON ...Agricultural Runoff; Chemical Water Properties; Drainage; Erosion; Forest Cutting Operations; Oregon; Pulp and Paper Wastes; Rural Roads; Sediments; Soil Moisture; Soil Stabilization; Water Quality Control -general; ...2.0326

REDUCTION IN DAMAGES TO FOREST RESOURCES BY IMPROVEMENT OF STRIP-MINING METHODS AND REHABILITATION MEASURES ...Agricultural Runoff; Conservation - see Soil Conserv.; Erosion; Ground Water; Iron Sulfide Rocks; Leguminosae; Loss Damages - Recreation; Recreation, Water Resources; Sediments; Soil Cover Crops; Spoil Banks; Strip Mines; Water Quality -general; ...2.0351

PRODUCTIVITY AND MINERAL CYCLING ON NATURAL AND MANIPULATED ECOSYSTEMS ...Analysis of Ecosystems; Nutrients; Plant Succession; Productivity of Terrestrial; ...2.0551

EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Forecasting - Prediction; Forest Debris; Lumbering -general; Roads & Highways -see Highways; Sediments; Solar Radiation - sunshine; ...2.0746

MUNICIPAL WATERSHEDS, URBAN-SUBURBAN TREES AND ENVIRONMENT, AND CORRELATING WATERSHED RESEARCH RESULTS ...Data Reduction and Analysis; Forecasting - Prediction; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; River Basins; Suburban Areas; Urban Environment; Waste Disposal-see Solid Waste; Water Supply -general; Watersheds; ...2.1089

EFFECTS OF LARGE SCALE FOREST FIRES ON WATER QUALITY IN THE INTERIOR OF ALASKA ...Alaska; Chemical Water Properties; Ecological Effects; Fire Damage, Recovery; Fire Research -see Forest Fire; Soil Chemical Properties; ...2.1474

MONITORING THE EFFECTS OF LAND USE ON SALMON PRODUCTION ...Alaska; Cooperative Studies; Fish and Shellfish; Forest Debris; Land Use; Location; Lumbering -general; Mans Pollutional Activities; Sediment Yield; Spawn Or Nesting Sites; Temperature (water); ...2.1479

LIMNOLOGICAL EFFECTS OF ORGANIC WATERSHED LITTER ...Forest Debris; Forest Litter, Duff & Humus; Lakes; Organic Matter; Physiological Effects; ...2.1480

FLOOD AND SEDIMENT REDUCTION IN THE CONIFEROUS TIMBER ZONE IN CALIFORNIA ...Aerial Photography -see Photo.; Animal Habitat Studies; Deposition-general; Erosion; Flood Control Planning; Forecasting - Prediction; Land Use; Management (water); Mass Wasting, Geological; Radioisotopes; Roads & Highways -see Highways; Slope; Soil Moisture; Water Storage; ...2.1488

EFFECTS OF SELECTIVE LOGGING ON STREAMBED SEDIMENTATION AND WATER TEMPERATURES IN SOUTH FORK YAGER CREEK, HUMBOLDT CO., CALIF ...Animal Habitat Studies; Bottom Sampling; Core Analysis; Fish and Shellfish; Lumbering -general; Pulp and Paper Wastes; Sedimentation; Temperature (water); Water Pollution Effects; ...2.1496

EFFECTS OF ALTERNATE BLOCK CUTTING ON STREAMBED SEDIMENTATION & WATER TEMPERATURES IN BUMMER LAKE CREEK, DEL NORTE COUNTY, CALIFORNIA ...Animal Habitat Studies; California; Fish and Shellfish; Lumbering -general; Salmonidae; Temperature (water); ...2.1497

HYDROLOGY OF SMALL MOUNTAIN STREAMS ...Flow Characteristics (water); Forest Debris; Hydrographs; Lumbering - general; Pulp and Paper Wastes; ...2.1680

EFFECTS OF LOGGING ON SALMON POPULATIONS IN COASTAL STREAMS ...Animal Migration; Coastlines - Shorelines; Fish and Shellfish; Lumbering -general; Oregon; Pseudotsuga; ...2.1688

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

AN EVALUATION OF THE INSECTICIDE 'SEVIN' AS A WATERSHED POLLUTANT ...Environment Accumulation Rates; New York; Pesticide Residues; Population Dynamics - general; Soil Types -also See Specifics; Water Pollutants - Path of; ...4.0057

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

BEHAVIOR OF CHEMICALS INTRODUCED INTO THE FOREST ENVIRONMENT AND THEIR IMPACT ON THE ECOSYSTEM ...Betulaceae; DDT; Degradation -see Pesticide Deg; Forest Litter, Duff & Humus; Nitrogen Cycle -see Denitrif.; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticide Safety Measures; Soil Microbiology; Soil Organic Content; Water Pollutants - Path of; ...4.0164

RESPROUTING OF CHAPARRAL ...D, 2,4-; Granules, Capsules; Pesticide Evaluation; Pesticides -see Pesticide; Plant Phenology; Quercus; T, 2,4,5-; ...4.0234

EFFECTS OF DIFFERENT FOREST TYPES AND CONDITIONS ON STREAM REGIMEN AND WATER YIELDS ...Agricultural Runoff, Climates -general; Elevation Levels, Altitude; Evapotranspiration; Forest Environment -general; Land Use; Northeast U. S.; Rainfall - Runoff Relationship; Soil Cover Crops; Streams; ...6.0041

Morphology

SEDIMENTATION ON FLOOD PLAINS AND IN ESTUARIES AND HARBORS ...Beach Or Bank Erosion; Carbon - 14 Dating; Drainage; Erosion; Estuaries; Gully Or Channel Erosion; Harbors; Minnesota; Rate of Deposition; Sediment Transport; Sedimentary Structures; Sediments; Soil Conservation-see Conserv.; Streams; Suspension; Watersheds; ...2.0214

SILTATION RATES AND LIFE EXPECTANCIES OF SMALL HEADWATER RESERVOIRS IN MONTANA ...Chemical Water Properties; Geology -general; Radioactive Fallout; Reservoirs and Impoundments; ...2.0235

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Small Watersheds; Soil Tillage; ...2.0243

SEDIMENT YIELD IN RELATION TO WATERSHED FEATURES IN THE SOUTHERN PLAINS ...Agricultural Watersheds; Climates -general; Erosion; Forecasting - Prediction; Great Plains Province; Physiography -general; Rain Amount; Rate of Deposition; Sediment Yield; Size; Southern U. S.; Suspension; ...2.0313

PREDICTION OF THE MAGNITUDES AND FREQUENCIES OF FLOODS IN MICHIGAN ...Drainage; Drainage Systems; Flood Control Planning; Floods; Michigan; Rain; Storm Sewer Quantity; Urban Environment; Urban Runoff; ...2.0626

REMOTE SENSING FOR SPECTRAL ANALYSIS OF HYDROLOGIC VARIABLES IN THE SOUTHERN PLAINS ...Data Acquisition; Geology -general; Mapping; Oklahoma; Remote Sensing; Soil Moisture; Soil Thermal Properties; Soil Types -also See Specifics; Tension and Measurement; Watersheds; ...2.0738

HYDROLOGY OF RIVER-BASED RECREATION ...Boating; Data Reduction and Analysis; Fishing; Geology -general; Groundwater; Michigan; Physiography -general; Soil Tillage; Terrain Analysis; Water Quality -general; Water Table; Watersheds; ...2.1306

Area

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLES ...Activation Analysis; Atmosphere Disturbance; Erosion; Iowa; Location; Methods; Sediment Yield; Sediments; Soil Chemical Properties; ...2.0145

Relief

PHYSICAL STREAM INVENTORY OF THE MAJOR WATERSHEDS IN THE BLACK HILLS ...Access; Degradation - see Pesticide Deg; Fishing; Land Use; South Dakota; Water Pollution Sources; Water Supply -general; ...2.0799

Slopes

VARIABLE SOURCE AREA RUNOFF ...Aquifers; Dispersion (water); Forest Watersheds; Hydrographs; Piedmont Province; Rainfall - Runoff Relationship; Slope; Soil Density; Soil Moisture; Water Table; ...2.0113

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Small Watersheds; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

Small Watersheds

HYDROLOGIC-MINERAL CYCLE INTERACTION IN SMALL UNDISTURBED AND MANIPULATED ECOSYSTEMS ...Agricultural Runoff; Biological Effects; Computer Models; Forest Debris; Lakes; Nitrogen Cycle -see Denitrif.; Productivity of Freshwater; Soil Fertility; Soil Tillage; Water Properties - general; Weathering Products; ...2.0087

NITRATE IN SURFACE WATERS IN ILLINOIS ...Fertilizers; Illinois; Soil Types -also See Specifics; ...2.0130

STUDY OF SEDIMENT POLLUTION AND MOVEMENT BY ACTIVATION ANALYSIS PRINCIPLE ...Activation Analysis; Nutrients; Sediment Yield; ...2.0146

POLLUTION LOADS IN RUNOFF FROM SMALL AGRICULTURAL WATERSHEDS ...Agricultural Runoff; Fertilizers; Herbicides -nonspecific; Pesticides -nonspecific; Pesticides -see Pesticide, Water Movement -general; ...2.0174

A STUDY OF RELATIONSHIPS BETWEEN CERTAIN ORGANIC WATER-QUALITY PARAMETERS, WATERSHED CHARACTERISTICS, & LAND-USE MANAGEMENT PRACTICE ...Agricultural Runoff; Geology -general; Morphology; Nitrogen and Nitrogen Cpds.; Pesticides -nonspecific; Phosphorus and Phosphorus Cpds; Regression Analysis; Soil Tillage; ...2.0243

ROLE OF ANIMAL WASTES IN AGRICULTURAL LAND RUNOFF ...Agricultural Runoff; Agricultural Watersheds; Animal Wastes - Feed Lots; Bos; Farm Animal Wastes; Soil Tillage; Water Quality -general; ...2.0293

EFFECT OF AGRICULTURAL CHEMICALS ON THE QUALITY OF GROUND AND SURFACE WATERS ...Agricultural Runoff; Atomic Absorption; Groundwater; Pesticide Aquatic Cycling; Pesticides -nonspecific; Radiochemical Analysis; Soil Chemical Properties; Water Pollutants - Path of; Water Quality -general; ...2.0314

SEDIMENT PRODUCTION, YIELD AND DELIVERY RATE IN RELATION TO CLIMATIC AND WATERSHED CHARACTERISTICS ...Agricultural Runoff; Climates -general; Conservation -see Soil Conser.; Land Use; Sediment Yield; Soil Cover Crops; Thunderstorms; ...2.0387

EUTROPHIC EVALUATION OF A SMALL MULTI-LAND USE WATERSHED ...Environmental Geology; Lake Michigan; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Urban Environment; Wisconsin; ...2.0455

THE EFFECT OF URBANIZATION ON SMALL DRAINAGE BASINS ...Agricultural Runoff; Atmosphere Disturbance; Farm Pond; Hydrographs; Remote Sensing; Slope; Subsurface Runoff; Urban Research -general; Waste Disposal-see Solid Waste; Water Resources Planning; ...2.0592

URBAN HYDROLOGY STUDY - SAN ANTONIO, TEXAS ...Bridges and Culverts; Drainage; Environmental Geology; Flood Control Planning; Legal Studies; Physical Climatology; Rain Amount; Sewer Systems; Soil Tillage; Texas; Urban Research - general; ...2.0811

HYDROLOGIC INFLUENCES OF STRIP MINING, BEAVER CREEK, KENTUCKY ...Appalachia; Cumberland River; Kentucky; Strip Mines; ...2.1670

EVALUATION OF BENEFIT-COST ESTIMATION OF THE ECOLOGIC AND ECONOMIC IMPACTS FROM WATER RESOURCES CONSERVATION AND DEVELOPMENT ...Benefit-cost Analysis; Ecological Effects; Georgia; Water Conservation -general; Water Resources Planning; ...2.1816

PUBLIC INVESTMENTS IN NATURAL RESOURCES ...Drainage; Expenditures; Floods; Inventories; Minnesota; Recreation, Water Resources; Regional Or State Studies; Types of Resources; Waste Treatment Economics; ...2.1859

MULTIPLE PURPOSE WATER RESOURCE INVESTIGATIONS ...Benefit-cost Analysis; Electric Power Plants; Floods; Land Use; Navigation; Recreation, Water Resources; Water Allocation; Water Resources Development; Water Resources Protection, Water Utilization -domestic; ...2.1881

MANAGEMENT OF CATTLE FEEDLOTS AND ANIMAL WASTES FOR CONTROL OF SOIL WATER AND AIR POLLUTION ...Agricultural Runoff; Bench Leveling -see Soil Cons.; Farm Animal Wastes; Methane; Nebraska; Percolation (water); Terracing; Water Balance - Budget; Water Table; ...3.0213

MOVEMENT OF INSECTICIDES IN SOIL AND WATER ...Agricultural Runoff; DDT; Groundwater; Monitoring Systems; Pesticide Aquatic Cycling; Pesticide Persistance in Soils; Pesticides -see Pesticide; Rain Amount; Sediment Yield; Toxaphene; ...4.0184

INACTIVATION AND LOSS OF PESTICIDES FROM SOIL ...Agricultural Runoff; Arsenic; DDT; Gossypium; Loam -see Soil Types; Pesticide Degradation -see Deg; Pesticide Persistance in Soils; Pesticides -see Pesticide; Sandy Soils -see Soil Type; Soil Analysis; Soil Chemical Properties; Texas; Water Table; ...4.1123

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTA' INATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; X and Gamma Rays; ...5.0064

Waves -see Ocean Waves

ENGINEERING GEOLOGY RECONNAISSANCE STUDIES OF COASTAL COMMUNITIES, ALASKA ...Alaska; Environmental Hazards; Harbors; Marine Geology; Mass Wasting, Geological; Seismology; Tectonics; ...2.0065

SEASONAL VARIATIONS OF SOME LIMNOLOGICAL FACTORS IN LITTLE SODUS BAY, NEW YORK ...Animal Productivity; Breakwaters; Coastal Engineering -general; Eutrophic Lakes; Eutrophication; General Recreation Studies; New York; Plant Productivity -general; Turbidity (water); ...2.0271

INVESTIGATION OF SURFACE FILMS - CHESAPEAKE BAY ENTRANCE ...Aircraft Remote Sensing; Chesapeake Bay; Estuaries; Fluorometry; Monolayers; Petroleum Wastes - Spillage; Water Pollutants - Path of; Wind; ...2.0411

WATER QUALITY CONTROL BY SELECTIVE WITHDRAWAL AND REAERATION ...Aeration (water); Mathematical Models; Reservoirs and Impoundments; Seismology; Turbidity (water); Water Quality -general; ...2.0979

LAKE ERIE DIKE ...Dams -general; Harbors; Iron and Steel Industry; Model Studies, Physical Models; Sediments; Waste Type; ...2.1051

MIXING AND DISPERSION OF CONTAMINANTS IN RESERVOIRS ...Currents (water); Dispersion (water); Lakes; Texas; Water Pollutants - Path of; ...2.1108

EXPERIMENTAL STUDIES OF AIR AND WATER INTERFACIAL INTERACTION ...Channels; Dispersion (water); Turbulence; Water Pollutants - Path of; Wind; Wind - Water Interaction; Wind Tunnels; ...2.1519

SHORELINE ENGINEERING STUDIES ON GREAT SALT LAKE ...Brines; Currents (water); Engineering Structures-general; Mapping; Shoreline Geomorphology; Structural Mechanics; Surveying; Utah; ...2.1738

Weather - Physical Properties

ATMOSPHERIC CONSTITUENTS OF THE TERRESTRIAL-TYPE PLANETS ...Algae - Cyanophyta; Algal Pollutant Sources; En-

vironmental Influences; Gases; Pesticides -nonspecific; Space Medicine i Exobiology; ...1.0345

INFLUENCE OF AEROSOL CHARACTERISTICS ON VISIBILITY ...Aerosols; Air Pollution Monitoring; Chemical Composition; Optical Properties; Visibility; ...1.0856

Acoustics

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Acoustic Instrumentation; Alaska; Boundary Layer Studies; Ice Fog; Sound Attenuation Acoustics; Urban Research -general; ...1.0307

THEORETICAL ACOUSTICS ...Atlantic Ocean; Noise; Ocean Meteorological Studies; Sound Attenuation Acoustics; Turbulence; ...6.0005

ACOUSTICAL SOCIETY OF AMERICA STANDARDS ACTIVITIES ON NOISE ...Noise; Noise -see Noise; ...6.0096

Electricity

ELECTRIFICATION OF DUST STORMS ...Atmosphere Disturbance; Charge on Droplets; Energy Conversion; Particulates - Air Pollution; Temperature; Wind; ...1.0081

Charge on Droplets

ELECTRIFICATION OF DUST STORMS ...Atmosphere Disturbance; Energy Conversion; Particulates - Air Pollution; Temperature; Wind; ...1.0081

COLLISIONS IN WASHOUT .. Atmospheric Dynamics; Laboratory Photography; Rain; Rain Structure - Size; ...2.0035

SCAVENGING STUDY OF SNOW AND ICE CRYSTALS ...Atmospheric Dynamics; Electrical Phenomena; Fallout -see Radioactive; Nucleation Physics; Rain; Rain Structure - Size; Snow Structure; ...2.0124

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Precipitation Gages; Radiotracers -see Tracers; Tracers; ...2.0133

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

Energy-radiation

THERMAL MODIFICATION ...Aerosols; Cirrus; Great Lakes -see Specific Lake; Heat Balance - Budget; Humidity - Water Vapor; New York; Solar Radiation -sunshine; Temperature; Weather Modification; ...1.0024

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Weather Data; Wind; ...1.0028

ULTRAVIOLET RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Model Studies; Polarization; Transfer Phenomena; Ultraviolet Radiation; ...1.0310

STUDY OF EFFECT OF ATMOSPHERIC TURBIDITY ON SATELLITE SOUNDINGS ...Aerosols; Infrared Radiation; Model Studies; Particulates - Air Pollution; Polarization; Scattering; ...1.0316

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Arctic; Ice Fog; Radar; Weather Radar; ...1.0327

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Aerosols; Air Pollution Effects; Atmospheric Dynamics; Heat Balance - Budget; Parametric Statistics; Tectonics; Visibility; ...1.0409

SUB-MILLIMETER RESEARCH ...Air Pollution; Effects; Interferometry; Lasers and Masers; Resonance; Weather Radar; ...1.0686

CONTINUOUS MEASUREMENT OF EFFECTIVE AIR POLLUTION MIXING DEPTH BY MEANS OF SOLAR RADIATION EQUIPMENT ...Aerosols; Air Pollution Monitoring; Radiation Instruments -atmos.; ...1.0700

LOW LEVEL VERTICAL OZONE DETERMINED BY INVERSION OF BACKSCATTERED ULTRAVIOLET RADIATION ...Air Pollution Monitoring; Gases; Spacecraft Sensory Devices; Upper Atmospheric Sounding; ...1.0702

TURBIDITY NETWORK ...Aerosols; Automatic Weather Stations; Climatology; Optics; Visible Light; ...1.0769

POLARIZATION OF E.M. RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Air Pollution-chemistry; Effects; Light Visible Spectroscopy; Polarography; Tectonics; Ultraviolet Spectroscopy; ...1.0865

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Temperature; Tropical Regions; Turbidity (water); ...2.0315

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Air Occupation - Avocation; Aviation Medicine; Protons; Radioactivity; Spectrographic Techniques; ...5.0563

Atmospheric Energy-general

ATMOSPHERIC TURBIDITY AND DIFFUSION ...Air Pollution; Boundary Layer Studies; Diffusion; Heat Exchange; Mathematical Models; Temperature; Wind; ...1.0328

Heat Balance - Budget

THERMAL MODIFICATION ...Aerosols; Cirrus; Great Lakes -see Specific Lake; Humidity - Water Vapor; New York; Solar Radiation -sunshine; Temperature; Weather Modification; ...1.0024

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Circulation - Patterns; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Weather Data; Wind; ...1.0028

FALLOUT PHENOMENOLOGY ...Atmospheric Dynamics; Fallout -see Radioactive; Mesometeorology; Nuclear Detonations; Radioactive Fallout; Tracers; Wind; ...1.0158

INADVERTENT MODIFICATION ...Automatic Weather Stations; Energy Conversion; Particulates - Air Pollution; Weather Modification; ...1.0329

EFFECTS OF PARTICULATES ON RADIOMETRIC MEASUREMENT OF SEA SURFACE TEMPERATURE & ON INFRARED COOLING RATES IN TROPOSPHERE (ABBREV) ...Bomex; Data Reduction and Analysis; Marine Environments; Particulates - Air Pollution; Temperature; Weather Data; ...1.0332

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Aerosols; Air Pollution Effects; Atmospheric Dynamics; Energy-radiation; Parametric Statistics; Tectonics; Visibility; ...1.0409

BACKGROUND AEROSOL LIGHT SCATTERING ...Aerosols; Optical Properties; ...1.0432

DETECTION AND ANALYSIS OF PARTICULATE AIR POLLUTION ...Air Pollution Analysis; Air Pollution Monitoring; Combustion; Combustion Air Pollution-gen; Energy Conversion; Power Plants Urban Research -general; ...1.0735

URBANIZATION AND ITS EFFECT ON STREAM TEMPERATURE ...Mans Pollutional Activities; Radiation Instruments -atmos.; Thermal Pollution; Urban Research -general; ...2.0407

RESEARCH AND BASIC DATA ON THERMAL POLLUTION ...Climatology; Energy Conversion; Fluid Mechanics; Temperature; Weather Data; ...2.1506

Heat Exchange

NUMERICAL MODEL OF THE URBAN ATMOSPHERE ...Advection; California; Humidity - Water Vapor; Mesometeorology; Rural Areas; Urban Environment; ...1.0007

LIDAR OBSERVATIONS OF LOWER TROPOSPHERIC AEROSOL DISTRIBUTIONS DURING BOMEX ...Aerosols; Atmospheric Dynamics; Condensation Physics; Electronic Detection, Tracking; Heat and Radiation Transfer; Inversion; Particulates - Air Pollution; ...1.0011

THERMAL MODIFICATION ...Aerosols; Cirrus; Great Lakes -see Specific Lake; Heat Balance - Budget; Humidity - Water Vapor; New York; Solar Radiation -sunshine; Temperature; Weather Modification; ...1.0024

PLANETARY BOUNDARY LAYER STUDIES ..Balloons; Computer Models; Temperature; Urban Research -general; ...1.0143

ATMOSPHERIC TURBIDITY AND DIFFUSION ...Air Pollution; Boundary Layer Studies; Diffusion; Mathematical Models; Temperature; Wind; ...1.0328

FIELD MEASUREMENTS OF ATMOSPHERIC TURBULENCE ...Atmospheric Dynamics; Bomex; Lake Michigan; Mathematical Models; Weather Forecasting; ...1.0699

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design;

Maps -general; Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation esunshine; Sus; Wind -see Air Motion; ...3.0069

Radiation -terrestrial

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Weather Data; Wind; ...1.0028

URBAN RADIATION ...Air Pollution-chemistry; Humidity - Water Vapor; Nitrogen and Nitrogen Cpds.; Solar Radiation -sunshine; ...1.0103

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange; Maps -general; Ovis; Sewage Lagoons; Solar Radiation -sunshine; Sus; Wind -see Air Motion; ...3.0069

WHOLE BODY COUNTING OF POPULATION LIVING IN AREAS OF HIGH NATURAL RADIOACTIVITY ...Brazil; Dosimetry; Radiation Sources -general; Radiation, Whole Body; Radioactivity, Natural; Radiologic Health; Whole Body; ...5.0772

INSTRUMENTATION FOR FIELD OPERATIONS IN RADIOLOGICAL PHYSICS ...Aerosols; Balloons; Electrical Phenomena; Gamma Radiation; Mineral Processing Industry; Radioactivity; Uranium; ...5.0879

Solar Radiation -sunshine

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Air Pollution-chemistry; Combustion; Effects; Mechanism Determination; Oxidants; Photochemical Reactions; ...1.0006

THERMAL MODIFICATION ...Aerosols; Cirrus; Great Lakes -see Specific Lake; Heat Balance - Budget; Humidity - Water Vapor; New York; Temperature; Weather Modification; ...1.0024

URBAN RADIATION ...Air Pollution-chemistry; Humidity - Water Vapor; Nitrogen and Nitrogen Cpds.; Radiation -terrestrial; ...1.0103

ULTRAVIOLET RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Energy-radiation; Model Studies; Polarization; Transfer Phenomena; Ultraviolet Radiation; ...1.0310

METEOROLOGICAL CONSEQUENCES OF THERMAL POLLUTION ...Atomic Plants; Energy Conversion; Lake Michigan; Temperature; ...1.0344

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Aerosols; Air Pollution Effects; Atmospheric Dynamics; Energy-radiation; Heat Balance - Budget; Parametric Statistics; Tectonics; Visibility; ...1.0409

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution; Air Pollution Monitoring; Attenuation; Connecticut; ...1.0689

ATTENUATION OF THE SOLAR BEAM BY POLLUTION IN THE BOUNDARY LAYER OF AN URBAN ATMOSPHERE ...Air Pollution -see Specifics; Atmosphere; Connecticut; Particulates - Air Pollution; Scattering; Urban Research -general; ...1.0690

THE CLIMATIC RESOURCES OF THE NORTH CENTRAL REGION ...Agricultural Studies -general; Atmospheric Dynamics; North Central U. S.; Radiation Sources -general; Weather Data; ...1.0734

FORMATION OF NONVOLATILE PARTICULATES FROM ORGANIC VAPORS ...Air Pollution-chemistry; Electromagnetic Radiation; Humidity - Water Vapor; Organic Compounds; Particulates and Aerosols; ...1.0881

STUDIES OF AIRBORNE PARTICULATES OF SUBMICRON SIZE ...Aerosols; Gases; Model Studies; Particulates - Air Pollution; Radiologic Health; ...1.0899

LAND USE AND WATER QUALITY ON FORESTED MOUNTAIN WATERSHED ...Acidity (water); Atmosphere Disturbance; Bacterial Pollutant Sources; Construction Industry; Forest Environment -general; Forest Watersheds; Lumbering -general; Pulp and Paper Wastes; Recreation, Water Resources; Runoff (water); Sewage Bacteria; Turbidity (water); Water Quality -general; ...2.0079

SEPARATION OF SOLAR AND HEATED DISCHARGE EFFECTS ...Computer Models; Dyes; Energy Conversion; Rocks - Bedrock; Thermal Pollution; Turbidity (water); Water Pollutants - Path of; ...2.0372

ANALYSIS OF THE STRUCTURE AND FUNCTION OF ECOSYSTEM IN THE DECIDUOUS FOREST BIOME ...Analysis of Ecosystems; Aquatic Ecology - Animal; Deciduous Forests; Energy Budgets; Forest Management; Land Use; Microorganisms -nonspecific; Plant Ecology -nonspecific; Plant Productivity - general; Productivity of Terrestrial; River Basins; Systems Analysis - Water Mgmt; Water Resources Planning; ...2.0373

EFFECTS OF WATERSHED PRACTICES ON STREAMS ...Forecasting - Prediction; Forest Debris; Lumbering -general; Roads & Highways -see Highways; Sediments; ...2.0746

PHOTOLYSIS MECHANISMS FOR POLLUTION ABATEMENT ...Organics; Oxidants; Photolysis; Water Pollution Abatement; ...2.1245

EFFECT OF POLLUTANTS ON AQUATIC MICROORGANISMS ...Chemical Mutagenesis; Microorganisms; Microorganisms -nonspecific; Physical Mutagenesis; Physiological Effects; Radiation - see Specifics; ...2.1469

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange; Maps -general; Ovis; Radiation -terrestrial; Sewage Lagoons; Sus; Wind -see Air Motion; ...3.0069

BEHAVIOR OF SPECIFIC HERBICIDES IN PLANTS AND SOILS ...Bioassay; Concentrates; Liquids Or Sprays; Pesticide Action on Plants; Pesticide Degradation -see Deg; Pesticide Movement in Soils; Pesticide Phytotoxicity; Prometryne; Soil Moisture; Soil pH; Trifluralin; ...4.1109

METEOROLOGY FOR NUCLEAR TESTING ...Aleutian Islands; Computer Models; Forecasting - Prediction; Mississippi; Nevada; Radioactive Fallout; Weather Forecasting; ...5.0003

Temperature

THERMAL MODIFICATION ...Aerosols; Cirrus; Great Lakes -see Specific Lake; Heat Balance - Budget; Humidity - Water Vapor; New York; Solar Radiation -sunshine; Weather Modification; ...1.0024

CHEMICAL COMPOSITION OF POLLUTED AIR ...Air Pollution Analysis; Air Pollution-chemistry; Cars; Chemical Analysis - general; Energy Storage -general; Industrial Wastes; Rate of Reaction; ...1.0038

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Combustion Air Pollution-gen; Gases; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Water Pollution -see Specifics; ...1.0061

URBAN CLIMATOLOGY ...Climatography; Microclimates; Minnesota; Precipitation Amount; Rain; Urban Research -general; Weather Data; ...1.0067

ELECTRIFICATION OF DUST STORMS ...Atmosphere Disturbance; Charge on Droplets; Energy Conversion; Particulates - Air Pollution; Wind; ...1.0081

PLANETARY BOUNDARY LAYER STUDIES ...Balloons; Computer Models; Heat Exchange; Urban Research -general; ...1.0143

PROPERTIES OF PARTICULATE POLLUTANTS ...Adsorption; Air Pollution-chemistry; Catalysts; Chemical Mechanisms & Kinetics; Gases; Humidity - Water Vapor; Particulates - Air Pollution; ...1.0188

CONTINUE QUANTITATIVE STUDIES OF RAGWEED POLLEN IN SARATOGA SPRINGS, NEW YORK IN RELATION TO DIURNAL VARIATIONS, LOCATION AND OTHER CONDITIONS ...Air Pollution Sampling; Atmospheric Dynamics; Diel, Diurnal Distribution; Humidity - Water Vapor; Pollen -see Pollen; Temperature - Air; ...1.0256

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Acoustic Instrumentation, Alaska; Boundary Layer Studies, Ice Fog; Sound Attenuation Acoustics; Urban Research -general; ...1.0307

EFFECT OF AIR POLLUTANTS ON TEXTILE FABRICS ...Air Pollution Effects; Air Pollution-chemistry; Corrosion, Deterioration; Effects; Fibers; Home Economics; Humidity - Water Vapor; ...1.0313

STUDY OF EFFECT OF ATMOSPHERIC TURBIDITY ON SATELLITE SOUNDINGS ...Aerosols; Energy-radiation; Infrared Radiation; Model Studies; Particulates - Air Pollution; Polarization; Scattering; ...1.0316

ATMOSPHERIC TURBIDITY AND DIFFUSION ...Air Pollution; Boundary Layer Studies; Diffusion; Heat Exchange; Mathematical Models; Wind; ...1.0328

METEOROLOGICAL CONSEQUENCES OF THERMAL POLLUTION ...Atomic Plants; Energy Conversion; Lake Michigan; Solar Radiation -sunshine; ...1.0344

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Urban Environment; Urban Research; Urban Runoff; Wate. Pollution Effects; ...1.0354

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Atmosphere Disturbance; Cloud Temperature; Color - Brightness; Computer Models; Cumulus; Microwave Radiation; Radiation Balance -cloud; Simulation Theory; ...1.0388

AIR POLLUTION ...Absorption - Chemistry; Air Pollution; Air Pollution-chemistry; Fibers; Gases; Home Economics; Sulfur Dioxide; ...1.0372

CONTROLLED ENVIRONMENT STUDIES ON METAL CORROSION CAUSED BY AIR POLLUTION ...Air Pollution Effects; Coatings -see Materials; Gases; Nitrogen and Nitrogen Cpds.; X-ray Spectroscopy; ...1.0405

A NUMERICAL MODEL OF THE SEA-BREEZE CIRCULATION ...Atmospheric Dynamics; Circulation - Patterns; Forecasting - Prediction; Mathematical Models; Urban Research -general; Wind; ...1.0696

FORECAST DEVELOPMENT ...Air Pollution; Boundary Layer Studies; Humidity - Water Vapor; Turbulence; Urban Research - general; Weather Forecasting; Wind; ...1.0762

WEIGH AND COMPUTE CONCENTRATION OF SUSPENDED PARTICULATE MATTER IN SAMPLES COLLECTED BY THE NASN ...Air Pollution Analysis; Air Pollution-chemistry; Filtration; Membranes; ...1.0824

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0837

ATMOSPHERIC DIFFUSION OF RADON ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Soil Conditions; Tracers; Urban Research -general; Wind; ...1.0910

DISPERSION AND HEAT DECAY OF THERMAL DISCHARGES ...Electric Power Plants; Energy Conversion; Forecasting - Prediction; Illinois; Illinois River; Model Studies; Thermal Pollution; ...2.0129

PLANKTON PRODUCTIVITY OF LAKE ATITLAN, GUATEMALA, IN THE TROPICAL SAVANNA HIGHLAND OF CENTRAL AMERICA ...Acidity (water); Algal Physiology; Alkalinity (water); Aquatic Ecology - Animal; Energy-radiation; Lakes; Optical Properties of Water; Oxygen Content (water); Plankton; Plant Succession; Primary Productivity - Plants; Tropical Regions; Turbidity (water); ...2.0315

FRESHWATER ECOLOGY AT RATTLESNAKE SPRINGS ...Amphibious Plants; Biological Water Properties; Mineralogical Water Properties; Pesticides -nonspecific; Plant Freshwater Ecology; Radioisotopes; Springs; Washington; ...2.0414

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

PREVENTING LANDFILL LEACHATE CONTAMINATION OF WATER ...Leaching; Linings - Pavings; Rain Air ..., Sanitary Landfills; Sealants -see Coatings; Water Table; ...2.1432

RESEARCH AND BASIC DATA ON THERMAL POLLUTION ...Climatology; Energy Conversion; Fluid Mechanics; Heat Balance - Budget; Weather Data; ...2.1506

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Humidity - Water Vapor; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Wind; ...4.0012

PRECIPITATION, AIR TEMPERATURES, SOIL MOISTURE, & GAMMA RADIATION, IN 68 MOJAVE & GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, 1962-70 (ABBREV) ...Air Pollution Sampling; Nevada; Population Dynamics -general; Precipitation Amount; Radioactive Pollution -ns; Soil Moisture; ...5.0787

THEORETICAL ACOUSTICS ...Acoustics; Atlantic Ocean; Noise; Ocean Meteorological Studies; Sound Attenuation Acoustics; Turbulence; ...6.0005

THE CLIMATE LABORATORY IN LUND (1967) ...Auditory Stress; Building Construction; Noise; Stressors, Physiological; Temperature & Humidity Effects; ...6.0109

EVALUATION OF CLIMATE ...Air Pollution Analysis; Building Acoustics -see Noise; Building Construction; Building Design; Humidity - Water Vapor; Sweden; Temperature Stress; ...6.0110

Thermodynamics

THE BEHAVIOR OF NEGATIVELY BUOYANT GAS PLUMES ...Air Cleaning Devices; Atmospheric Dynamics; Coal Research; Energy Conversion; Heating Units; Noise -see Noise; Power Plants -see Specifics; Sulfur Dioxide Removal; Tracers; Wind Tunnels; ...1.0031

Humidity - Water Vapor

NUMERICAL MODEL OF THE URBAN ATMOSPHERE ...Advection; California; Mesometeorology; Rural Areas; Urban Environment; ...1.0007

THERMAL MODIFICATION ...Aerosols; Cirrus; Great Lakes -see Specific Lake; Heat Balance - Budget; New York; Solar Radiation -sunshine; Temperature; Weather Modification; ...1.0024

AIR-SPORA IN HAWAII ...Air Pollution -see Specifics; Atmospheric Dynamics; Fungi -nonspecific; Organic Compounds; Plant Pathogenetic Fungi; Pollens -see Air Pollution; Tropical Regions; Wind; ...1.0045

1970 SUMMER STUDY ON CRITICAL ENVIRONMENTAL PROBLEMS ...Air Pollution; Air Pollution -see Specifics; Combustion Air Pollution-gen; Gases; Macrometeorology; Meetings; Nitrogen and Nitrogen Cpds.; Particulates - Air Pollution; Phosphorus and Phosphorus Cpds; Temperature; Water Pollution -see Specifics; ...1.0061

ELECTRIFICATION OF DUST STORMS ...Atmosphere Disturbance; Charge on Droplets; Energy Conversion; Particulates - Air Pollution; Temperature; Wind; ...1.0081

ECOLOGY AND MARINE SCIENCES, METEOROLOGICAL AND AIR POLLUTION RESEARCH PROGRAM ...Air Pollution; Air Pollution Sampling; Atmospheric Dynamics; Energy Conversion; Gases; Mathematical Analysis; Particulates - Air Pollution; Smoke; Turbulence; ...1.0091

URBAN RADIATION ...Air Pollution-chemistry; Nitrogen and Nitrogen Cpds.; Radiation -terrestrial; Solar Radiation -sunshine; ...1.0103

PROPERTIES OF PARTICULATE POLLUTANTS ...Adsorption; Air Pollution-chemistry; Catalysts; Chemical Mechanisms & Kinetics; Gases; Particulates - Air Pollution; Temperature; ...1.0188

CONTINUE QUANTITATIVE STUDIES OF RAGWEED POLLEN IN SARATOGA SPRINGS, NEW YORK IN RELATION TO DIURNAL VARIATIONS, LOCATION AND OTHER CONDITIONS ...Air Pollution Sampling; Atmospheric Dynamics; Diel, Diurnal Distribution; Pollen -see Pollen; Temperature - Air; ...1.0256

EFFECT OF AIR POLLUTANTS ON TEXTILE FABRICS ...Air Pollution Effects; Air Pollution-chemistry; Corrosion, Deterioration; Effects; Fibers; Home Economics; Temperature; ...1.0313

STUDY OF EFFECT OF ATMOSPHERIC TURBIDITY ON SATELLITE SOUNDINGS ...Aerosols; Energy-radiation; Infrared Radiation; Model Studies; Particulates - Air Pollution; Polarization; Scattering; ...1.0316

AIR POLLUTION ...Absorption - Chemistry; Air Pollution; Air Pollution-chemistry; Fibers; Gases; Home Economics; Sulfur Dioxide; ...1.0372

CONTROLLED ENVIRONMENT STUDIES ON METAL CORROSION CAUSED BY AIR POLLUTION ...Air Pollution Effects; Coatings -see Materials; Gases; Nitrogen and Nitrogen Cpds.; X-ray Spectroscopy; ...1.0405

SUB-MILLIMETER RESEARCH ...Air Pollution; Effects; Energy-radiation; Interferometry; Lasers and Masers; Resonance; Weather Radar; ...1.0686

FORECAST DEVELOPMENT ...Air Pollution; Boundary Layer Studies; Temperature; Turbulence; Urban Research -general; Weather Forecasting; Wind; ...1.0762

WEIGH AND COMPUTE CONCENTRATION OF SUSPENDED PARTICULATE MATTER IN SAMPLES COLLECTED BY THE NASN ...Air Pollution Analysis; Air Pollution-chemistry; Filtration; Membranes; Temperature; ...1.0824

INFLUENCE OF AEROSOL CHARACTERISTICS ON VISIBILITY ...Aerosols; Air Pollution Monitoring; Chemical Composition; Optical Properties; Visibility; ...1.0856

FORMATION OF NONVOLATILE PARTICULATES FROM ORGANIC VAPORS ...Air Pollution-chemistry; Electromagnetic Radiation; Organic Compounds; Particulates and Aerosols; Solar Radiation -sunshine; ...1.0881

HOMOGENEOUS NUCLEATION IN CONTAMINATED ATMOSPHERES ...Adsorption; Condensation Physics; Gases; Particulates - Air Pollution; ...1.0882

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

RESEARCH AND BASIC DATA ON THERMAL POLLUTION ...Climatology; Energy Conversion; Fluid Mechanics; Heat Balance - Budget; Temperature; Weather Data; ...2.1506

DEPOSIT AND DRIFT OF PESTICIDE CHEMICALS ...Air Pollution; Aircraft; Diffusion; Microclimates; Pest Control; Pesticide Application Rates; Pesticide Evaluation; Pesticides -nonspecific; Temperature; Wind; ...4.0012

EVALUATION OF CLIMATE ...Air Pollution Analysis; Building Acoustics -see Noise; Building Construction; Building Design; Sweden; Temperature; Temperature Stress; ...6.0110

Optics

STUDY OF EFFECT OF ATMOSPHERIC TURBIDITY ON SATELLITE SOUNDINGS ...Aerosols; Energy-radiation; Infrared Radiation; Model Studies; Particulates - Air Pollution; Polarization; Scattering; ...1.0316

TURBIDITY NETWORK ...Aerosols; Automatic Weather Stations; Climatology; Energy-radiation; Visible Light; ...1.0769

Color - Brightness

CLOUD EFFECTS ON PASSIVE MILLIMETER WAVE RADIOMETRIC TEMPERATURES ...Atmosphere Disturbance; Cloud Temperature; Computer Models; Cumulus; Microwave Radiation; Radiation Balance -cloud; Simulation Theory; Temperature; ...1.0358

AERONOMY AND OTHER ATMOSPHERIC STUDIES ...Aerosols; Lasers and Masers; Photography; Plasmas; Weather Radar; ...1.0694

Effects

AROMATIC BY-PRODUCTS OF COMBUSTION ...Aerosols; Air Pollution-chemistry; Combustion; Mechanism Determination; Oxidants; Photochemical Reactions; Solar Radiation -sunshine; ...1.0006

A STUDY OF THE FACTORS CONTROLLING THE FORMATION OF LARGE NUMBERS OF CONDENSATION NUCLEI IN CLEAN GLOBAL AIR ...Adirondack Province; Fog, Haze, Mist; Heat Transmission; New York; Nucleation; Nucleation Physics; Organic Compounds; ...1.0082

EFFECT OF AIR POLLUTANTS ON TEXTILE FABRICS ...Air Pollution Effects; Air Pollution-chemistry; Corrosion, Deterioration; Fibers; Home Economics; Humidity - Water Vapor; Temperature; ...1.0313

SUB-MILLIMETER RESEARCH ...Air Pollution; Energy-radiation; Interferometry; Lasers and Masers; Resonance; Weather Radar; ...1.0686

POLARIZATION OF E.M. RADIATION IN A POLLUTED ATMOSPHERE ...Air Pollution; Air Pollution-chemistry; Light Visible Specroscopy; Polarography; Tectonics; Ultraviolet Spectroscopy; ...1.0865

Visibility

EVALUATE FEASIBILITY AND NATURE OF A POSSIBLE PARTICULATE STANDARD FOR MOTOR VEHICLES ...Air Pollution; Cars; Fuels; Lead; Particulates - Air Pollution; ...1.0108

ECONOMIC IMPACT OF REDUCED VISIBILITY AT AIRPORTS FROM AIR POLLUTION ...Air Pollution Effects; Costs -see Economics Entries; Economic Geology -general; Weather Data; ...1.0406

SOLAR RADIATION AND AIR POLLUTION CLIMATOLOGY ...Aerosols; Air Pollution Effects; Atmospheric Dynamics; Energy-radiation; Heat Balance - Budget; Parametric Statistics; Tectonics; ...1.0409

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Weather Data; ...1.0837

INFLUENCE OF AEROSOL CHARACTERISTICS ON VISIBILITY ...Aerosols; Air Pollution Monitoring; Chemical Composition; Optical Properties; ...1.0856

Pressure - Density

STUDY OF THE USE OF INERT GASES TO ELIMINATE ACID POLLUTION FROM ABANDONED DEEP MINES ...Acid Mine Wastes; Mine Atmosphere Conditions; Mine Hydrology; Underground Workings; ...2.1399

Synoptic Weather Observations

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

METEOROLOGICAL CONSEQUENCES OF THERMAL POLLUTION ...Atomic Plants; Energy Conversion; Lake Michigan; Solar Radiation -sunshine; Temperature; ...1.0344

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

AIR POLLUTION PROBLEMS IN NORTHEAST ...Air Pollution; Air Pollution -see Specifics; Climates -general; Nicotiana; Wind - see Air Motion; ...1.0378

MIXING DEPTH ...Air Masses; Air Pollution Sampling; Aircraft; Atmospheric Dynamics; ...1.0695

STUDY THE LEVELS OF POLYCYCLIC HYDROCARBONS IN AN URBAN ATMOSPHERE ...Aerosols; Air Pollution -see Specifics; Air Pollution-chemistry; Organic Compounds; Urban Environment; Weather Data; ...1.0730

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Eutrophication; Indiana; Lakes; Organic Properties; Temperature - Air; Vertical Distribution; Water Stratification; ...2.0137

COOLING WATER DISCHARGE PROJECT (RP-49) ...Biological Water Properties; Ecological Effects; Estuaries; Lakes; ...2.1573

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; Wildlife Habitats -see Animal; ...2.1716

EXTENDED STUDIES RELATED TO CONSTRUCTION OF A POWER REACTOR NEAR KALAMA, WASHINGTON ...Aquatic Ecology - Animal; Atomic Plants; Conflicts; Ecological Effects; Electric Power Plants; Environmental Geology; Nuclear Power; Pollution Effects -see Water; Thermal Pollution; ...2.1735

Weather Charts & Maps

URBAN CLIMATOLOGY ...Climatography; Microclimates; Minnesota; Precipitation Amount; Rain; Temperature; Urban Research -general; Weather Data; ...1.0067

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; Weather Data; ...1.0837

Weather Data

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Wind; ...1.0028

CHICAGO AIR POLLUTION SYSTEMS MODEL ...Air Cleaning Devices; Diffusion; Gases; Mathematical Models; Trace Analysis; Urban Environment; ...1.0046

URBAN CLIMATOLOGY ...Climatography; Microclimates; Minnesota; Precipitation Amount; Rain; Temperature; Urban Research -general; ...1.0067

PARTICLE DYNAMICS ...Atmospheric Dynamics; Diffusion; Engines; Missiles; Photography; Simulation Theory; ...1.0068

COMPLETE THE ENGLAND SMOKESHADE - U.S. PARTICULATE COMPARISON STUDY ...Air Pollution -see Specifics; British Isles; Mathematical Analysis; Particulates - Air Pollution; Statistics; ...1.0101

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN NEW YORK CITY, NEW YORK ...Air Pollution -see Specifics; Air Pollution Monitoring; New York; Urban Environment; ...1.0229

COMPLETE ANALYSIS OF DATA & PREPARE A REPORT ON THE RELATIONSHIP OF SOX & PARTICULATE AIR POLLUTION LEVELS TO SCHOOL ABSENCES IN CINCINNATI ...Air Pollution Effects; Air Pollution Monitoring; Ohio; Social Aspects; ...1.0241

COLLECTION OF AEROMETRIC, METEOROLOGIC, BIOMETRIC OR OTHER HEALTH INFORMATION IN CHARLOTTE, NORTH CAROLINA ...Air Pollution -see Specifics; Air Pollution Monitoring; North Carolina; Urban Research -general; ...1.0250

EFFECTS OF PARTICULATES ON RADIOMETRIC MEASUREMENT OF SEA SURFACE TEMPERATURE & ON INFRARED COOLING RATES IN TROPOSPHERE (ABBREV) ...Bomex; Data Reduction and Analysis; Heat Balance - Budget; Marine Environments; Particulates - Air Pollution; Temperature; ...1.0332

CLIMATIC CHANGES THROUGH URBANIZATION ...Air Pollution Monitoring; Environmental Changes; Maryland; Micrometeorology; Noise -see Noise; Precipitation Modification; Temperature; Urban Environment; Urban Research; Urban Runoff; Water Pollution Effects; ...1.0354

ECONOMIC IMPACT OF REDUCED VISIBILITY AT AIRPORTS FROM AIR POLLUTION ...Air Pollution Effects; Costs -see Economics Entries; Economic Geology -general; Visibility; ...1.0406

COLLECT AND STORE CURRENT NON-NAPCA AIR QUALITY DATA ...Air Pollution; Air Pollution-chemistry; Data & Statistics Info Storage; ...1.0490

REGIONAL CLIMATOLOGY ...Air Pollution; Climatology; ...1.0508

AIR POLLUTION POTENTIAL CLIMATOLOGY ...Applied Climatology; Atmospheric Dynamics; Meteorologic Instruments - gen.; Planning; Wind; ...1.0511

OPERATION OF EOCC ...Air Pollution; Air Pollution -see Specifics; Air Pollution Effects; ...1.0518

A MODEL FOR AIR POLLUTION CONTROL ...Air Pollution; Air Pollution-chemistry; Economic Theory; Gases; Mathematical Models; Model Studies; Particulates - Air Pollution; ...1.0551

STUDY THE LEVELS OF POLYCYCLIC HYDROCARBONS IN AN URBAN ATMOSPHERE ...Aerosols; Air Pollution -see Specifics; Air Pollution-chemistry; Organic Compounds; Urban Environment; ...1.0730

THE CLIMATIC RESOURCES OF THE NORTH CENTRAL REGION ...Agricultural Studies -general; Atmospheric Dynamics; North Central U. S.; Radiation Sources -general; ...1.0734

PERFORM INTERNATIONAL STUDIES IN SELECTED NATO COUNTRIES TO ASSESS ATMOSPHERIC POLLUTANT CONCENTRATIONS AND EMISSIONS ...Air Pollution Monitoring; Atmospheric Dynamics; Gases; Turkey; Weather Forecasting; ...1.0786

OPERATE PORTABLE AND MOBILE METEOROLOGICAL EQUIPMENT IN POTENTIAL EPISODE SITUATIONS ...Air Pollution; Air Pollution Monitoring; Atmosphere Composition; ...1.0798

PROVIDE METEOROLOGICAL SUPPORT TO EMERGENCY EPISODE PLANNING ...Air Pollution; Atmospheric Dynamics; Model Studies; ...1.0799

DEVELOP EPISODE AIR MONITORING CAPABILITY ...Air Pollution Monitoring; Atmosphere Composition; Atmospheric Dynamics; ...1.0802

THE CLIMATOLOGICAL BASIS FOR MANAGEMENT OF OREGON'S AIR RESOURCES ...Air Pollution -see Specifics; Applied Climatology; Climates -general; Combustion Air Pollution-gen; Forest Fires -see Fire; Mathematical Models; Oregon; Precipitation; Respiratory Irritants, Inhaled; Smoke; Visibility; ...1.0837

NUTRIENT & WATER INPUTS & OUTPUTS FROM THE ORGANIC & MINERAL SOILS IN THE LAKE APOPKA AREA ...Acidity (water); Chemical Analysis (water); Drainage; Evaporation; Florida; Nitrogen and Nitrogen Cpds.; Peat; Soil Moisture; Soil Types -also See Specifics; Swamps - Marshes; Water Pollution Sources; ...2.0100

RESEARCH AND BASIC DATA ON THERMAL POLLUTION ...Climatology; Energy Conversion; Fluid Mechanics; Heat Balance - Budget; Temperature; ...2.1506

ECONOMIC EVALUATION OF CHANGES IN LAND USE OF A MUNICIPAL WATERSHED AS A GUIDE TO DECISION-MAKING ...Aircraft Remote Sensing; Lakes; North Carolina; Soil Cover Crops; Surveying; Urban Research -general; Water Quality -general; Water Yield; ...2.1892

Weather Forecasting

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Model Studies; Nevada; Precipitation Forecasting; Radioactive Fallout; Seismology; ...1.0021

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution; Circulation - Patterns; Forecasting - Prediction; Mesometeorology; Prediction; Statistics; Urban Environment; Weather Modification; ...1.0022

METEOROLOGY FOR URBAN AIR POLLUTION RESEARCH ...Air Pollution Effects; Atmospheric Dynamics; Diffusion; Particulates - Air Pollution; Urban Research -general; Weather Radar; ...1.0026

MODELLING POLLUTANT CONCENTRATIONS ...Air Pollution; Atmospheric Dynamics; Mathematical Models; Model Studies; Wind; ...1.0136

RELATIONSHIPS BETWEEN CERTAIN AIR POLLUTANTS AND VARIOUS METEOROLOGICAL FACTORS ...Air Pollution; Air Pollution -see Specifics; Climates -general; Mathematical Models; Models of Biological Systems; New Jersey; Wind; ...1.0371

COMMITTEE ON ATMOSPHERIC SCIENCES ...Air Pollution; Committee Support, Mesometeorology; Severe Storms - Squalls; ...1.0486

FIELD MEASUREMENTS OF ATMOSPHERIC TURBULENCE ...Atmospheric Dynamics; Bomex; Lake Michigan; Mathematical Models; ...1.0699

FORECAST SUPPORT ...Air Pollution; Applied Climatology; Consultants, Advisory Services; Model Studies; ...1.0760

FORECAST DEVELOPMENT ...Air Pollution; Boundary Layer Studies; Humidity - Water Vapor; Temperature; Turbulence; Urban Research -general; Wind; ...1.0762

PERFORM INTERNATIONAL STUDIES IN SELECTED NATO COUNTRIES TO ASSESS ATMOSPHERIC POLLUTANT CONCENTRATIONS AND EMISSIONS ...Air Pollution Monitoring; Atmospheric Dynamics; Gases; Turkey; ...1.0786

NAVY ENVIRONMENT - EFFECT OF ATMOSPHERIC CORONA ON ION SPECTRA AND WEATHER ...Military Aspects; Particulates - Air Pollution; Thunderstorms; ...1.0896

METEOROLOGY FOR NUCLEAR TESTING ...Aleutian Islands; Computer Models; Forecasting - Prediction; Mississippi; Nevada; Radioactive Fallout; Solar Radiation -sunshine; ...5.0003

Weather Modification

METEOROLOGICAL STATISTICAL STUDIES ...Air Pollution; Circulation - Patterns; Forecasting - Prediction; Mesometeorology; Prediction; Statistics; Urban Environment; ...1.0022

THERMAL MODIFICATION ...Aerosols; Cirrus; Great Lakes -see Specific Lake; Heat Balance - Budget; Humidity - Water Vapor; New York; Solar Radiation -sunshine; Temperature; ...1.0024

ESSA ANTARCTIC METEOROLOGY RESEARCH PROGRAMS ...Antarctica; Boundary Layer Studies; Circulation - Patterns; Heat Balance - Budget; Inversion; Particulates - Air Pollution; Satellites -see Remote Sensing; Snow Patterns; Weather Data; Wind; ...1.0028

URBAN AIR POLLUTION AND CLIMATIC CHANGE ...Aerosols; Climatology; Particulates - Air Pollution; Urban Environment; ...1.0072

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Chemical Composition; Core Analysis; Energy Conversion; Glaciology; Ion Exchange; Particulates - Air Pollution; Technology - Social Impact; ...1.0073

INADVERTENT MODIFICATION ...Automatic Weather Stations; Energy Conversion; Heat Balance - Budget; Particulates - Air Pollution; ...1.0329

INTERDISCIPLINARY RESEARCH PROGRAM IN CLIMATOLOGY ...Climatography; Energy Conversion; Model Studies; Paleoclimatology; Particulates - Air Pollution; Physical Climatology; ...1.0434

THE THEORY OF MAN-ENVIRONMENT RELATIONSHIPS ...Air Pollution; Colorado; Meetings; ...1.0480

A COHERENT-AREA STUDY OF SOUTHERN LAKE MICHIGAN ...Eutrophic Lakes; Eutrophication; Lake Michigan; Mans Pollutional Activities; Sedimentation; Water Pollutant Identification; ...2.0191

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; Wetlands; ...2.0540

COOLING TOWER STUDY ...Cooling Towers; Energy Conversion; Fog Haze, Mist; Legislation - Zoning; Oxidation; Thermal Pollution; ...2.1002

Clouds - Precipitation

NATURAL CONCENTRATIONS OF SILVER AND IODINE IN PRECIPITATION ...Activation Analysis; Antarctica; Chemical Composition; Core Analysis; Energy Conversion; Glaciology; Ion Exchange; Particulates - Air Pollution; Technology - Social Impact; ...1.0073

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

CLIMATOLOGICAL ASSESSMENT OF URBAN EFFECTS ON PRECIPITATION ...Atmospheric Dynamics; Climatology; Precipitation Patterns; Urban Research -general; ...1.0347

INADVERTENT WEATHER MODIFICATION BY URBAN POLLUTION ...Aerosols; Air Pollution Effects; Cloud Structure; Mathematical Models; Precipitation Modification; ...1.0438

ATOMIC ABSORPTION SPECTROSCOPY WITH A HIGH TEMPERATURE FURNACE ...Air Pollution Monitoring; Atomic Absorption; Montana; Particulates and Aerosols; Snow; ...1.0737

RESEARCH INTO THE ECOLOGICAL ASPECTS OF PRECIPITATION MANAGEMENT ...Colorado; Precipitation; ...2.0980

Fog - Mist Dissipation

CONDENSATION NUCLEI AND AEROSOL POPULATIONS RELATED TO FOG FORMATION ...Aerosols; Air Pollution Analysis; California; Meteorological Condensation; Nucleation Physics; ...1.0867

Nucleation Physics

A STUDY OF THE FACTORS CONTROLLING THE FORMATION OF LARGE NUMBERS OF CONDENSATION NUCLEI IN CLEAN GLOBAL AIR ...Adirondack Province; Effects; Fog, Haze, Mist; Heat Transmission; New York; Nucleation; Organic Compounds; ...1.0082

FORMATION OF THE STRATOSPHERIC AEROSOL ...Aerosols; Atmosphere Composition; Model Studies; Particulates - Air Pollution; Stratosphere; ...1.0086

WIND TUNNEL INVESTIGATION OF MICROPHYSICAL PROCESSES IN SUPERCOOLED CLOUDS ...Atmospheric Dynamics; California; Cloud Physics; Condensation Physics; Wind Tunnels; ...1.0315

INADVERTENT WEATHER MODIFICATION BY URBAN POLLUTION ...Aerosols; Air Pollution Effects; Cloud Structure; Mathematical Models; Precipitation Modification; ...1.0438

CONTROLLED CONVERSION OF GASES INTO DETECTABLE PARTICLES ...Air Pollution Analysis; Chemical Analysis - general; Gases; Particulates - Air Pollution; Rate of Reaction; ...1.0741

CONDENSATION NUCLEI AND AEROSOL POPULATIONS RELATED TO FOG FORMATION ...Aerosols; Air Pollution Analysis; California; Fog - Mist Dissipation; Meteorological Condensation; ...1.0867

STUDIES OF AIRBORNE PARTICULATES OF SUBMICRON SIZE ...Aerosols: Gases; Model Studies; Particulates - Air Pollution; Radiologic Health; ...1.0899

SCAVENGING STUDY OF SNOW AND ICE CRYSTALS ...Atmospheric Dynamics; Charge on Droplets; Electrical Phenomena; Fallout -see Radioactive; Rain; Rain Structure - Size; Snow Structure; ...2.0124

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Precipitation Gages; Radiotracers -see Tracers; Tracers; ...2.0133

PRECIPITATION SCAVENGING ...Aerosols; Atmospheric Dynamics; Electrical Phenomena; Gases; Micrometeorology; Particulates - Air Pollution; Radioactivity; Rain Patterns; Snow; Turbulence; ...2.0415

Storms

INTERACTIONS BETWEEN THE GREAT LAKES AND THE ATMOSPHERE ...Air - Sea Boundary Studies; Circulation - Patterns; Condensation Physics; Mesometeorology; Model Studies; Snow Modification; ...1.0377

ATMOSPHERIC CHEMISTRY ...Activation Analysis; Air Pollution Sampling; Atmospheric Dynamics; Illinois; Precipitation Instruments; Snow; ...2.0122

Weather Radar

LIDAR STUDY ...Atmospheric Dynamics; Lasers and Masers; Particulates - Air Pollution; Particulates and Aerosols; Pennsylvania; Power Plants; ...1.0012

METEOROLOGY FOR NUCLEAR TESTING ...Air Pollution Monitoring; Atmospheric Dynamics; Diffusion; Model Studies; Nevada; Precipitation Forecasting; Radioactive Fallout; Seismology; Weather Forecasting; ...1.0021

METEOROLOGY FOR URBAN AIR POLLUTION RESEARCH ...Air Pollution Effects; Atmospheric Dynamics; Diffusion; Particulates - Air Pollution; Urban Research -general; ...1.0026

ATMOSPHERIC DIFFUSION STUDIES - LIDAR PLUME STUDY ...Diffusion; Lasers and Masers; Power Plants; Smoke; Tennessee; ...1.0145

UTAH ATMOSPHERIC WATER RESOURCES (THE WASATCH WEATHER MODIFICATION PROJECT) ...Air Pollution Effects; Automatic Weather Stations; Data Networks; Iodine; Particulates - Air Pollution; Precipitation Patterns; Snow Patterns; Soil Tillage; Utah; Water Supply Augmentation; ...1.0152

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Acoustic Instrumentation; Alaska; Boundary Layer Studies; Ice Fog; Sound Attenuation Acoustics; Urban Research -general; ...1.0307

ACOUSTIC RADAR INVESTIGATION OF ARCTIC RADIATION INVERSIONS AND ICE FOG ...Arctic; Energy-radiation; Ice Fog; Radar; ...1.0327

LIDAR PROBING OF THE ATMOSPHERE ...Aerosols; Analytical Instruments; Atmosphere Composition; Lasers and Masers; Polarization; Scattering; ...1.0666

LIDAR MEASUREMENT OF BACKSCATTER COEFFICIENT RELATED TO INFRARED EMISSIVITY OF CLOUDS ...Airplanes; Bomex; Cirrus; Clouds; Infrared Radiation; ...1.0674

SUB-MILLIMETER RESEARCH ...Air Pollution; Effects; Energy-radiation; Interferometry; Lasers and Masers; Resonance; ...1.0686

AERONOMY AND OTHER ATMOSPHERIC STUDIES ...Aerosols; Color - Brightness; Lasers and Masers; Photography; Plasmas; ...1.0694

EEI-PHS STUDY ON REMOTE SENSING OF PARTICULATE EMISSIONS FROM POWER PLANT PLUMES--EVALUATION OF PLUME-LIDAR MONITORING SYSTEM (ABBREV) ...Air Pollution Monitoring; Lasers - Masers; Lasers and Masers; Particulates and Aerosols; Scattering; ...1.0766

FIELD APPLICATION OF DIRECT LASER BACKSCATTER FROM PLUME PARTICULATE FC DEVELOPING DESIGN & PERFORMANCE CRITERIA FOR FIELD INSTRUMENT (ABBREV) ...Air Pollution Monitoring; Backscatter; Lasers and Masers; Particulates - Air Pollution; Particulates and Aerosols; Power Plants; ...1.0767

RAINOUT OF RADIOACTIVITY IN ILLINOIS ...Aerosols; Aircraft; Atmospheric Dynamics; Atmospheric Structure; Cloud Physics; Illinois; Model Studies; Precipitation Gages; Radiotracers -see Tracers; Tracers; ...2.0133

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Environmental Hazards; Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; X and Gamma Rays; ...5.0065

WIND SENSING ...Air Motion Instruments; Electronic Detection, Tracking; Noise -see Noise; Signal Analysis; Turbulence; ...6.0054

Weathering -geologic

GEOCHEMICAL BEHAVIOR OF URANIUM AND THORIUM SERIES NUCLIDES ...Carbonates; Fertilizers; Gulf of Mexico; Lead; Marine Geology; Nuclear Radiation; Radiochemical Analysis; Runoff (water); Streams; ...2.0380

IDENTIFICATION OF IRRIGATION RETURN WATER IN THE SUBSURFACE ...Agricultural Runoff; Chemical Water Properties; Erosion; Fluorine; Groundwater Movement; Hydrogen; Iodine; Physical Water Properties; Rainfall - Runoff Relationship; Subsurface Runoff; Water Pollutant Identification; ...2.0546

Welfare Economics

OPTIMAL CONTROL OF POLLUTION DISTRIBUTION ...Computer Models; Economic Theory; Taxes - General; Water Quality Control -general; ...1.0444

A SURVEY OF THE PROCEDURES FOR EVALUATING HEALTH COSTS DUE TO AIR POLLUTION ...Air Pollution - see Specifics; Literature Search; Medical Economics & Cost; Respiratory Disease; ...1.0461

THERMAL WATER DEMONSTRATION PROJECT ...Agricultural Studies -general; Benefit-cost Analysis; Heat Recovery, Industrial; Pilot Plants; Technology - Social Impact; Thermal Pollution; Water Utilization -animal; ...2.1389

ECONOMIC ANALYSIS OF COORDINATED WATERSHED PLANNING ...Administrative Organizations; Community - Social Studies; Effluents - Waste Water; Legal Studies; Optimization, Economic; Water Costs; Water Resources Planning; Water Standards & Baselines; ...2.1844

ECONOMIC EVALUATION OF WATER POLLUTION CONTROL ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Management (water); Model Studies; Recreation, Water Resources; Water Quality Control -general; ...2.1899

ECONOMIC BENEFITS FROM AN IMPROVEMENT IN WATER QUALITY ...Benefit-cost Analysis; Demand and Use -recreation; Economics -recreation; Oregon; Regional Economics; Water Demand; ...2.1900

CRITERIA FOR DETERMINING ECONOMIC PRIORITIES IN AWARDING SEWAGE FACILITY CONSTRUCTION GRANTS ...Economic Efficiency; Factor Analysis; Pennsylvania; Waste Treatment Economics; ...2.1908

ECONOMIC EFFECTS OF PESTICIDES AND OTHER WASTES ON NATURAL RESOURCE QUALITY ...Animal Wastes - Feed Lots; Economic Efficiency; Environment; Erosion; Livestock - nonspecific; Optimization, Economic; Pesticides -nonspecific; Sediments; ...4.1013

THE DETERMINANTS OF REAL ESTATE VALUES ...Air Pollution -see Specifics; Building Construction; Heating Units; Location Choice; Noise -see Noise; Residential Buildings; Value; Zoning; ...6.0055

West Virginia

THE SOCIAL AND ECONOMIC IMPACT OF THE SUBSTITUTION OF LOW SULFUR COAL FOR HIGH SULFUR COAL - A PILOT STUDY OF MONONGALIA COUNTY, W. VA. ...Coal; Combustion Air Pollution-gen; Economic Geology - general; Extractive Natural Resources; Legal Studies-general; Regional Economics; ...1.0445

AN EVALUATION OF THE PRODUCTIVITY CHANGES ASSOCIATED WITH LIMING OF SHERWOOD LAKE, WEST VIRGINIA ...Animal Productivity; Fish; Lime Treatment; Mineralogical Water Properties; Population Dynamics -general; ...2.0410

GEOCHEMICAL BEHAVIOR OF IRON AND MANGANESE IN A RESERVOIR (LAKE LYNN, WEST VIRGINIA) FED BY STREAMS CONTAINING ACID MINE DRAINAGE ...Acid Mine Wastes; Analysis and Detection; Geochemical Analysis (water); Precipitation; Sediments; Stratification (water); ...2.0431

BIOLOGICAL STREAM SURVEILLANCE ...Benthic Organisms - nonspecific; Bottom Sampling; Ecological Effects; Survey Studies (water); Taxonomy -plant; ...2.0850

REVERSE OSMOSIS DEVELOPMENT FOR ACID MINE DRAINAGE CONVERSION ...Acid Mine Drainage; Acid Mine Wastes; Pilot Plants; Reverse Osmosis; Spiral Wound Membranes; Waste Treatment Economics; Water Reuse; ...2.1225

PIPELINE TRANSPORT OF SLUDGE ...Landfill; Pilot Plants; Pipe; Soil Amendments; Strip Mines; Waste Disposal on Soils; Waste Management -see Specific; ...2.1373

MINE SPOIL POTENTIALS FOR WATER QUALITY AND CONTROLLED EROSION ...Agricultural Runoff; Drilling and Coring; Mineralogical Properties; Strip Mines; Weathering Products; ...2.1452

MICRO-ECOSYSTEMS SIMULATION OF PRIMARY PRODUCTION IN THERMAL AND ACID MINE WATER LOADINGS RELATED TO WATER USE OF THE MONONGAHELA RIVER ...Acid Mine Drainage; Acidity (water); Forecasting - Prediction; Induced Temperature; Lower Plants; Phytoplankton; Primary Productivity - Plants; Thermal Pollution; ...3.1772

PHYSIOLOGICAL EFFECTS OF SUBLETHAL LEVELS OF ACID WATER ON FISH ...Acidity (water); Bullheads; Contamination - Water; Fish & Shellfish Biology; Physiological Effects; Water Pollution Abatement; ...2.1773

EVALUATE PERFORMANCE OF POULTRY AS AFFECTED BY WATER QUALITY ...Biological Effects; Chlorine; Filtration; Nutrition; Ponds; Water Utilization -animal; ...2.1774

PEAT STUDIES ...Environmental Geology; Maryland; Peat; Pennsylvania; Sediment Lithification; ...3.0365

Western U. S.

GEOCHEMICAL EXPLORATION STUDIES OF VOLATILE ELEMENTS ...Arizona; Colorado; Maps -general; Nevada; Utah; ...1.0029

THE RELATIVE SUSCEPTIBILITY OF WESTERN CONIFERS TO OZONE AND AMBIENT OXIDANTS ...Abies; Air Pollution Effects; Conifers; Gases; Herbicides and Other Chem; Picea; Pinus (other Specifics); ...1.0396

AIR TRANSPORT OF POLLUTANTS TO THE MARINE ENVIRONMENT ...Atmospheric Dynamics; Chlorinated Hydrocarbons; Circulation - Patterns; Gas Chromatography; Lead; Mans Pollutional Activities; Marine Environments; Mercury; Monsoons; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Salt Water; ...2.0052

PREDICTION OF MINERAL QUALITY OF RETURN FLOW WATER FROM IRRIGATED LAND ...Computer Models; Effluents - Waste Water; Irrigation; Percolation (water); Soil Chemical Properties; Water Storage; ...2.0067

QUALITY OF IRRIGATION RETURN FLOW ...Agricultural Runoff; Agricultural Watersheds; Chemical Effects; Colorado River; Fertilizers; Leaching; Physical Effects; Salinity (water); Sprinkler Irrigation; Trace Element Analysis; Water Pollutant Identification; Water Quality -general; ...2.0395

ECOLOGICAL AND LIMNOLOGICAL IMPACT OF THE CONSTRUCTION AND OPERATION OF PUMP-BACK STORAGE PROJECTS ...Circulation (water); Electric Power Plants; Environmental Aspects, Power Reservoirs; Temperature Or Heat Budgets; ...2.1509

COTTON PATHOLOGY FOR THE IRRIGATED WEST ...Benlate; Fungal Physiology; Granules, Capsules; Irrigation; Pesticide Phytotoxicity; Plant Population Dynamics -gen: Thimet; ...4.0243

BIOLOGY AND CONTROL OF WEEDS IN WESTERN IRRIGATED COTTON ...Cyperaceae; Gossypium; Management (water); Pesticide Evaluation; Pesticide Movement in Soils; Pesticide Residues; Physiological Effects; Plant Absorption -other; Soil Moisture; Translocation; ...4.0244

Wetlands

IMPROVEMENT AND MAINTENANCE OF WATER TIMING, QUANTITY, AND QUALITY BY MANAGEMENT OF NORTHERN FORESTS ...Agricultural Runoff; Energy Budgets; Forest Environment -general; Forest Watersheds; Management (water); Peat; Soil Organic Content; Soil Permeability; Swamps - Marshes; Water Quality -general; Water Storage; Water Table; ...2.0204

LEAD SHOT, ITS SETTLEMENT, OXIDATION, AND AVAILABILITY TO WATERFOWL ...Aquatic Ecology - Animal; Contamination - Water; Corrosion, Deterioration; Lead; Ordinance Materials; Swamps - Marshes; Waterfowl -nonspecific; ...2.0397

EVALUATION OF WETLAND IMPOUNDMENTS ON STATE-OWNED WILDLIFE AREAS ...Amphibious Plants; Demand and Use -recreation; Management (water); Recreation, Water Resources; Submerged Plants; Water Depth, Water Levels; Wildlife -nonspecific; ...2.0435

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific; Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; Wildlife Habitat Management; ...2.0495

NATURAL AND CULTURAL RESOURCE MANAGEMENT ...Aquatic Ecology - Animal; Economic Mineral Appraisals; Excessive Moisture; Irrigation; Management (water); Petroleum Wastes - Spillage; Runoff (water); Snow Amount; Spacecraft Sensory Devices; Water Resources Planning; ...2.0540

Wild Rivers

THE LIMNOLOGY OF TWO DISSIMILAR SUB-ARCTIC STREAMS AND IMPLICATIONS OF RESOURCE DEVELOPMENTS ...Alaska; Animal Productivity; Aquatic Plants -nonspecific; Glaciology; Mineralogical Water Properties; Nutrients; Plant Productivity -general; Sub - Polar Regions; ...2.0472

A QUANTITATIVE ANALYSIS OF LANDSCAPE ESTHETICS, WITH SPECIAL REFERENCE TO STREAM AND VALLEY SYSTEMS AND RELATED WATER AND LAND RESOURCES ...Indiana; Landscaping; Social Aspects; Temperate Climates; Water Quality -general; Water Resources Development; Water Utilization -domestic; ...2.1829

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wildlife -nonspecific; ...2.1940

Wildlife -nonspecific

CONTROL AND USE OF FIRE PARTICULARLY IN WILDERNESS, PARK, AND OTHER RECREATIONAL AREAS ...Animal Habitat Studies; Fire Control; Fire Prevention; Fire Research -see Forest Fire; Forest Fires -see Fire; Forest Recreation; Handbooks; Loss Damages - Recreation; Pseudotsuga; Safety - Recreation; ...1.0071

AIR POLLUTION TRAINING PROGRAM ...Air Pollution -see Specifics; Climates -general; Motivation and Instinct; Pesticide Action on Animals; Pesticides -nonspecific; ...1.0295

SURVEY OF AIRBORNE FLUORIDES IN GLACIER NATIONAL PARK AND EFFECTS ON VEGETATION AND WILDLIFE ...Air Pollution -see Specifics; Fluorine; Mammals -nonspecific; Plant Community Mapping; Plant Response to Env. -ns; Pollution Effects -see Water; Rodentia -other; ...1.0363

EVALUATION OF WETLAND IMPOUNDMENTS ON STATE-OWNED WILDLIFE AREAS ...Amphibious Plants; Demand and Use -recreation; Management (water); Recreation, Water Resources; Submerged Plants; Water Depth, Water Levels; Wetlands; ...2.0435

IMPACT OF CORPS OF ENGINEERS CONSTRUCTION ACTIVITIES ON THE ECOLOGICAL ENVIRONMENT ...Construction Industry Consultants, Advisory Services; Ecological Effects; Fish and Shellfish; Mammals; Mans Pollutional Activities; ...2.1770

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; ...2.1940

GRAIN SORGHUM VARIETAL EXPERIMENTS ...Disease Resistance; Drought Resistance; Insecticides -nonspecific; Pesticide Phytotoxicity; Sorghum; ...4.0446

AERIAL DISPERSAL METHODS FOR CONCENTRATED INSECTICIDES ...Concentrates; Insects - Beneficial; Liquids Or Sprays; Oryzeae; Pesticide Evaluation; Wildlife Toxicity; ...4.0554

EFFECTS OF HERBICIDES ON USE OF SAGEBRUSH LANDS BY WILDLIFE ...Animal Habitat Studies; Artemisia; Birds; Cervus; Deer -nonspecific; Food Supply; Grouse; Herbicides -nonspecific; Mammals; Pesticide Action on Animals; Plant Succession; ...4.0580

INVESTIGATIONS OF WILDLIFE MORTALITY RELATED TO PESTICIDES ...Censusing; Chemical Analysis; Ground Census; Pesticides -nonspecific; Questionaire; ...4.0622

ECOLOGY OF ANIMALS IN DDT-CONTAMINATED ENVIRONMENTS ...Contamination -see Air & Water; DDT; Degradation; Pesticide Safety Measures; Population Dynamics -general; Wildlife Toxicity; ...4.0632

DEGRADATION AND PERSISTENCE OF ALDRIN ...Aldrin; Animal Habitat Studies; Dieldrin; Pesticide in Food Chains; Pesticide Residues; ...4.0746

PRELIMINARY PESTICIDE STUDY ...Management -general; Management -other; Monitoring Systems; Pesticides -nonspecific; ...4.0852

THE EFFECT OF PESTICIDES ON AN ECOSYSTEM ...Birds; Contamination - Water; Ecological Effects; Methyl Parathion; Pesticide Persistance in Soils; Pesticide Residues; Pesticides -see Pesticide; Population Dynamics -general; Soil Contamination - other; Urine; ...4.0987

DETERMINATION OF PESTICIDES IN BIOLOGICAL AND ENVIRONMENTAL SPECIMENS ...Bioassay; Pesticides -nonspecific; ...4.1009

RADIOECOLOGY OF DEBRIS RADIONUCLIDES AT INTERMEDIATE DISTANCES FROM NUCLEAR CRATERING EVENTS ...Contamination - Water; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Radioactive Fallout-cf Fallout; Tungsten; ...5.0006

LITERATURE SEARCH TO DETERMINE THE EFFECTS OF NOISE ON WILDLIFE ...Literature Search; Noise; ...6.0112

Wildlife Habitat Management

AN ENVIRONMENTAL MONITORING PROGRAM FOR THE SACRAMENTO-SAN JOAQUIN DELTA AND SUISUN BAY ...Aerial Photography -see Photo.; Aquatic Plants -nonspecific, Biological Water Properties; California; General Information Services; Management (water); Plant Distribution; Swamps - Marshes; Water Pollution Sources; Water Properties -general; Waterfowl -nonspecific; ...2.0495

STATE WIDE WILDLIFE INVESTIGATIONS ...Chemical Analysis; Deer -nonspecific; Forest Fires -see Fire; Mammals; T, 2,4,5-; ...4.0333

EFFECTS OF CHEMICAL SAGEBRUSH CONTROL ON MULE DEER IN THE MISSOURI RIVER BREAKS, MONTANA ...Animal Habitat Studies; Artemisia; Ground Census; Mammals; Odocoileus; Telemetry; ...4.0749

QUAIL MANAGEMENT ON FOREST AND ASSOCIATED LANDS IN WEST TENNESSEE ...Animal Behavioral Ecology; Biological Rhythms; Computer Methods -general; Food Supply; Forest Environment -general; Mark, Tag Or Capture; Pesticide Residue Analysis; Pesticides -nonspecific; Quail; ...4.1113

Wildlife Habitats -see Animal

NORTH FORK CITICO CREEK WATERSHED RESEARCH ...Animal Habitat Studies; Benthic Fauna; Chemical Analysis (water); Fish and Shellfish; Forest Management; Humidity; Mineralogical Water Properties; Plant Habitat Studies; Salmo Gairdneri; Soil Tillage; Tennessee; ...2.1716

PESTICIDES AND WILDLIFE ...Animal; Chlorinated Hydrocarbons; Copepoda; Dursban; Fish; Pesticide Aquatic Cycling; Pesticide in Food Chains; Pesticide Residues; Pesticides -see Pesticide; Pollution Effects -see Water; Public Health Ecology; ...4.1006

Wind -see Air Motion

SWINE HOUSING ENVIRONMENT ...Air Pollution -see Specifics; Corrosion, Deterioration; Farm Structures & Design; Humidity; Sus; ...1.0055

CHANGING VEGETATION AND ATMOSPHERIC POLLEN ...Air Pollution -see Specifics; Economics of Natural Resources; Lakes; Plant Competition; Pollen -see Pollen; Rural Areas; Urban Environment; ...1.0076

STRUCTURES AND EQUIPMENT TO MINIMIZE STRESS ON BEEF CATTLE ...Air Pollution -see Specifics; Dust; Excessive Moisture; Farm Structures & Design; Rain; ...1.0309

OZONE DAMAGE TO PLANTS ...Bayer 25141; Fruit, Nut, and Berry Crops; Pollutant Resistance; Solanum; ...1.0337

RELATIONSHIP OF LEAD IN THE AIR, SOIL AND PLANTS TO PROXIMITY TO HIGHWAY TRAFFIC ...Absorption (incl. Adsorption); Air Pollution -see Specifics; Cars; Lead; Roads & Highways -see Highways; Soil Aeration; Soil Chemical Properties; ...1.0368

ENVIRONMENTAL REQUIREMENTS OF POULTRY ...Air Pollution -see Specifics; Environmental Physiology; Humidity; Solar Light; ...1.0374

AIR POLLUTION PROBLEMS IN NORTHEAST ...Air Pollution; Air Pollution -see Specifics; Climates -general; Nicotiana; Synoptic Weather Observations; ...1.0378

PENNSYLVANIA POWER PLANT STUDY ...Air Pollution-chemistry; Farm Pond; Industrial Pollution -general; Lead; Pinus Strobus; Power Plants -see Specifics; Sulfur Dioxide; ...1.0407

RELATIONSHIP OF AIR POLLUTION TO HARDWOOD FORESTS OF THE NORTHEASTERN UNITED STATES ...Air Pollution -see Specifics; Air Pollution Sampling; Deciduous Forests; Forest Pathology; Plant Pathology - Env. Relat.; Temperature - Air; ...1.0412

GASES AND PARTICULATES IN POULTRY HOUSES ...Air Pollution -see Specifics; Dust; Gallus Domesticus; Methane; Poultry Industry; ...1.0416

ECOLOGICAL METEOROLOGY STUDIES: A PINE PLANTATION ...Air Pollution -see Specifics; Energy Budgets; Forest Environment -general; Pinus Taeda; Temperature - Air; ...1.0422

EFFECTS AND FATE OF AIR POLLUTANTS ...Absorption (incl. Adsorption); Carbon Monoxide; Growth; Herbicides and Other Chem; Nitrogen and Nitrogen Cpds.; Plant Physiological Ecology; Sulfur Dioxide; Transpiration and Evap; ...1.0430

AIRSACCULITIS OF TURKEYS ...Air Pollution -see Specifics; Humidity; Meliagris; Temperature - Air; ...1.0436

THERMAL AND BIOLOGICAL CHARACTERISTICS OF LAKES ...Algae -nonspecific; Biological Water Properties; Eutrophication; Indiana; Lakes; Organic Properties; Synoptic Weather Observations; Temperature - Air; Vertical Distribution; Water Stratification; ...2.0137

ANNUAL PHYTOPLANKTON PRODUCTION IN PUGET SOUND WATERS ...Bays; Copepoda; Eutrophication; Nutrients; Phytoplankton; Plant Population Dynamics -gen; Puget Sound; Tides; Wind; ...2.0423

LIVESTOCK ENVIRONMENTAL FACILITIES ...Arid and Desert Regions; Environmental Physiology; Farm Structures & Design; Heat Exchange; Maps -general; Ovis; Radiation -terrestrial; Sewage Lagoons; Solar Radiation -sunshine; Sus; ...3.0069

SWINE HOUSING ENVIRONMENT ...Farm Animal Wastes; Farm Structures & Design; Humidity; Sus; Temperature - Air; ...3.0183

EFFECT OF PHYSICAL ENVIRONMENT UPON MANAGEMENT PRACTICES ...Humidity; Meliagris; Space Requirements; Temperature - Air; ...3.0193

MATERIALS HANDLING SYSTEMS FOR NORTH CENTRAL FARMS ...Bos; Farm Animal Wastes; Farm Structures & Design; Humidity; North Central U. S.; Temperature - Air; ...3.0198

EVALUATION OF MEAT ANIMAL HOUSING SYSTEMS IN RELATION TO POLLUTION ...Agricultural Runoff; Animal Wastes - Feed Lots; Dust; Farm Structures & Design; Groundwater; Space Requirements; ...3.0209

INFLUENCE OF CERTAIN HOUSING AND MANAGEMENT REGIMES ON CONFINEMENT REARING OF GROWING FINISHING PIGS ...Farm Animal Wastes; Farm Structures & Design; Humidity; Sus; Temperature - Air; ...3.0211

POULTRY WASTE MANAGEMENT AND ODOR CONTROL ...Farm Animal Wastes; Gallus Domesticus; Humidity; Temperature - Air; ...3.0239

SYSTEM OF SWINE PRODUCTION DESIGNED TO IMPROVE COMPETITIVE POSITION ...Farm Animal Wastes; Farm Structures & Design; Humidity; Sus; Swine Industry; ...3.0303

COMMUNITY CAGE HOUSING OF LAYING CHICKENS ...Behavior -vertebrate; Farm Structures & Design; Injury -animal; Space Requirements; ...3.0337

PRECISE PLACEMENT AND DRIFT CONTROL OF INSECTICIDE AND PESTICIDES WHEN ULTRA-LOW VOLUMES ...Handling & Application; Insecticides -nonspecific; Low Volume; Pesticide Drift; Temperature - Air; ...4.0047

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils, Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; Zinc; ...4.0120

BIOLOGY AND CONTROL OF INSECTS IN DECIDUOUS FORESTS AND CHRISTMAS TREE PLANTATIONS ...Acer Species; Aliphatic Carbamates; Dieldrin; Liquids Or Sprays; Pesticide Evaluation; Thiodan; ...4.0464

PESTICIDE RESIDUES ON FORAGE RESULTING FROM DRIFT OF DUSTS APPLIED TO ADJACENT ORCHARDS ...Dusts; Humidity; Pesticide Drift; Pesticide Residues; Rain; ...4.0498

BIOLOGICAL AND INTEGRATED CONTROL OF ARTHROPOD PESTS ...Animal Migration; Biological Control; Herbicides -nonspecific; Insects - Beneficial; Phaseolus; Rain; ...4.0605

FORAGE INSECT INVESTIGATIONS ...Animal Migration; Insecticides -nonspecific; Lotus; Pesticide Evaluation; Population Dynamics -general; Trifolium; Zea Mays - Field Corn; ...4.0768

TREES AND SHRUBS FOR NOISE ABATEMENT ...Forest Environment -general; Noise; Plant Growth; ...6.0037

Wisconsin

ECOLOGY OF GREAT LAKES ESTUARIES ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Chemical Measurements (water); Circulation (water); Estuaries; Great Lakes -see Specific Lake; Lake Huron; Marine Biology - General; Optical Properties of Water; Plankton; Pollution Effects -see Water; Temperature (water); Water; ...2.0189

MERCURY TRANSFORMATIONS IN RIVER BOTTOM SEDIMENTS ...Aquatic Soils; Cellular Catabolism-see Degrad; Mercury; Microorganisms -nonspecific; Sediments; Stream Deposits; ...2.0438

NUTRIENT SOURCES FOR ALGAE AND THEIR CONTROL ...Algacides -nonspecific; Algae - Cyanophyta; Algal Pollutant Sources; Chelation & Complexing; Detergent Builders; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Water Chemistry; ...2.0441

EXPERIMENTAL REVERSAL OF THE LAKE EUTROPHICATION PROCESS ...Biological Water Properties; Circulation (water); Eutrophication; Fish Food Organisms; Nutrients; Phytoplankton; Water Bacteria; ...2.0443

MERCURY UPTAKE AND RELEASE BY BOTTOM SEDIMENTS ...Adsorption; Aquatic Soils; Chemical Properties; Chemical Water Properties; Mercury; Physical Water Properties; Soil Chemical Properties; ...2.0446

SYSTEMS MODELING OF THE AQUEOUS ENVIRONMENTAL CHEMISTRY OF PHOSPHORUS AND NITROGEN IN LAKE MENDOTA ...Analysis and Detection; Chemical Water Properties; Growth; Lakes; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Stratification (water); Temperature; ...2.0448

EUTROPHICATION - N CYCLE - NITRIFICATION AND DENITRIFICATION ...Algae -nonspecific; Bacterial Identification; Lemnaceae; Survey Studies (water); ...2.0449

MULTIPLICATION OF CLOSTRIDIUM BOTULINUM TYPE E IN THE GREAT LAKES ...Aquatic Plants -nonspecific; Bacterial Exotoxins; Bottom Sampling; Depth (water); Plant Freshwater Ecology; ...2.0452

ECOLOGY OF CLOSTRIDIUM BOTULINUM TYPE E IN GREEN BAY ...Aquatic Distribution; Bacterial Exotoxins; Bacterial Population Surveys; Cellular Physiology- Env. Eff.; Competition Among Thallophytes; Lake Michigan; Water Pollution - see Specifics; ...2.0453

NUTRIENT ENRICHMENT OF RUN-OFF WATERS BY SOILS. ENRICHMENT POTENTIAL OF URBAN SOILS IN THE CITY OF MADISON ...Forecasting - Prediction; Nutrients; Phosphorus and Phosphorus Cpds; Soil Chemical Properties; Urban Environment; ...2.0454

EUTROPHIC EVALUATION OF A SMALL MULTI-LAND USE WATERSHED ...Environmental Geology; Lake Michigan; Nitrogen and Nitrogen Cpds.; Phosphorus and Phosphorus Cpds; Small Watersheds; Urban Environment; ...2.0455

GROUND WATER POLLUTION FROM SANITARY LANDFILLS AND REFUSE DUMP GROUNDS - A CRITICAL LITURATURE REVIEW ...Groundwater; Literature Search; Sanitary Landfills; ...2.0456

WISCONSIN RIVER ICE STUDIES ...Channels; Erosion; Glaciology; Water Pollution Effects; ...2.0457

SEDIMENTARY FACIES IN LAKE BUTTE DES MORTS, WISCONSIN ...Depth (water); Drilling and Coring; Eutrophication; Mineralogical Properties; Organic Properties; Size; ...2.0458

OCCURRENCE OF HUMAN ENTERIC VIRUSES IN WATERS AND SHELLFISH ...Digestive System - Human; Massachusetts; Viral Pollutant Sources; Water Pollutant Identification; ...2.0786

NUTRITIONAL ECOLOGY AND COMMUNITY STRUCTURE OF THE PHYTOPLANKTON OF GREEN BAY ...Algae -nonspecific; Algal Physiology; Contamination - Water; Mineralogical Water Properties; Phosphorus and Phosphorus Cpds; Plant Physiological Ecology; Plant Species Diversity; Seasonal Distribution; ...2.0853

WATER QUALITY MONITORING STUDIES ...Aquatic Ecology - Animal; Dams -general; Fish and Shellfish; Monitoring; Population Dynamics -general; Water Quality -general; ...2.0854

WATER REOURCES OF SOUTHEASTERN WISCONSIN - RACINE AND KENOSHA COUNTIES ...Chemical Water Properties; Groundwater; Hydrographs; Recharge (water); Water Quality -general; Water Table; Water Wells; ...2.0856

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF WATER QUALITY ...Aircraft Remote Sensing; Data Reduction and Analysis; Internal Reflection; Legislation - Zoning; Water Pollutant Identification; Water Resources Planning; ...2.0857

INSECTICIDE ADSORPTION BY LAKE SEDIMENTS AS A FACTOR CONTROLLING INSECTICIDE ACCUMULATION IN LAKES ...Adsorption; Aquatic Soils; Chemical Degradation; Degradation -see Pesticide Deg; Environment; Insecticides -nonspecific; Lakes; Mechanism Determination; Pesticides -see Pesticide; ...2.0858

TISSUE ANALYSIS FOR NUTRIENT ASSAY OF NATURAL WATERS ...Aquatic Plants -nonspecific; Mineralogical Water Properties; Plant Pollutants; Plants - Monocotyledons; ...2.0859

APPLICATION OF REMOTE SENSING TO THE DETERMINATION OF MIXING ZONE FOR WASTE EFFLUENTS DISCHARGED INTO STREAMS OR RIVERS ...Coastlines - Shorelines; Effluents - Waste Water; Lakes; Outlets; Streams & Rivers; ...2.0861

APPLICATION OF REMOTE SENSING TO HYDROGEOLOGY ...Baseflow; Geology -general; Groundwater Movement; Sanitary Landfills; Soil Tillage; Water Resources Planning; ...2.0866

ECOLOGICAL STUDIES OF THE SURFACE WATERS OF THE WHITEWATER CREEK WATERSHED, WALWORTH, ROCK, AND JEFFERSON COUNTIES, WISCONSIN ...Algae -nonspecific; Chemical Water Properties; Fish; Najadaceae; Physical Water Properties; Range Or Territorial Distr.; Water Pollutant Identification; Watersheds; ...2.0868

MANIPULATION OF RESERVOIR WATER FOR IMPROVED QUALITY AND FISH POPULATION RESPONSE ...Acidity (water); Algae -nonspecific; Anaerobic Bacteria; Aquatic Ecology - Animal; Creel Census; Environmental Ecology; Eutrophication; Fish & Shellfish Biology; Loss Damages - Recreation; Nutrients; Population Dynamics -general; Reservoirs and Impoundments; ...2.1133

IMPROVING SURFACE WATER CONDITIONS THROUGH CONTROL AND DISPOSAL OF AQUATIC VEGETATION ...Economic Efficiency; Eutrophication; Pest Control Measures; Plant Pollutants; Water Quality Control -general; ...2.1135

SHALLOW GROUND-WATER FLOW SYSTEMS IN RELATION TO INDUSTRIAL AND MUNICIPAL WATER SUPPLY AND WASTE DISPOSAL REQUIREMENTS ...Canning Wastes -see Food Proc.; Farm Animal Wastes; Groundwater Movement; Pond; Pulp and Paper Wastes; Soil Tillage; Urban Research -general; ...2.1138

MICROFUNGI IN THE WATER, LITTER AND MUD OF A CATTAIL MARSH BORDERING LAKE BUTTE DES MORTS ...Bottom Sampling; Fungal Pollutant Sources; Fungi -nonspecific;

Lower Plants; Swamps - Marshes; Water Pollution Abatement; ...2.1139

ABATEMENT OF MINE DRAINAGE POLLUTION BY REVERSE OSMOSIS ...Acid Mine Drainage; Acid Mine Wastes; Pilot Plants; Process Design; Reverse Osmosis; Waste Water Treatment -general; Water Pollution Abatement; ...2.1392

RESEARCH AND REFERENCE TO SEWAGE EFFLUENT PONDS ...Activated Sludge; Biochemical Oxygen Demand; Linings - Pavings; Pond; Waste Water Treatment -general; ...2.1457

DEVELOP FIELD PROCEDURES FOR PREDICTING MOVEMENT OF LIQUID WASTES IN SOILS ...Percolation (water); Saturated - Unsaturated Soils; Septic Tanks; Soil Analysis; Soil Moisture; Soil Permeability; Water Pollutants - Path of; ...2.1459

DEFINITION OF THE MIXING ZONE FOR WASTE EFFLUENT DISCHARGED INTO SURFACE WATERS ...Aerial Photography -see Photo.; Dispersion (water); Effluents - Waste Water; Energy Conversion; Model Studies; Physical Models; Water Pollutants - Path of; ...2.1460

PILOT STUDIES IN THE RESTORATION OF THE PHYSICAL ENVIRONMENT OF A STREAM TO MAINTAIN A CLEAN WATER FLORA AND FAUNA ...Animal Productivity; Filtration; Pilot Plants; Rehabilitation -streams -lakes; Size; Water Quality Control -general; ...2.1462

IMPACT OF LAGOONS AND SAND BLANKETS ON FISH, AQUATIC LIFE AND WATER EQUALITY ...Aquatic Ecology - Animal; Benthic Organisms -nonspecific; Fish; Lagoons; Plankton; Sedimentary Structures; Water Quality -general; ...2.1777

EFFECTS OF DREDGING ON THE ECOLOGY OF SPRING PONDS ...Animal Migration; Benefit-cost Analysis; Biological Water Properties; Dredging; Fish Food Organisms; Physical Water Properties; Ponds; Reservoirs and Impoundments; Soil Tillage; Spawning & Nesting Sites; Springs; ...2.1778

ECOLOGICAL RESPONSES OF FISHES AND FISH-FOOD ORGANISMS TO HEATED EFFLUENT - CASE STUDY OF LAKE MONONA, WISCONSIN ...Animal Predation; Electric Power Plants; Environmental Ecology; Lepisosteidae; Temperature (water); Thermal Pollution; ...2.1780

LEGAL ASPECTS OF WATER RIGHTS IN THI EAST ...Administrative Organizations; Appropriation; Eastern U. S.; Government - see Federal Gov.; Indiana; Irrigation; Lakes; Legal Studies; North Dakota; Riparian Rights; Water Depth, Water Levels; Water Quality Control -general; Water Rights; ...2.1813

LAW AFFECTING INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Administrative Organizations; Legal Review; Riparian Rights; State Government; Water Pollution Abatement; Water Quality Control -general; Water Standards & Baselines; ...2.1930

LEGAL ASPECTS OF WATER RIGHTS AND WATER QUALITY IN EASTERN STATES ...Appropriation; Eastern U. S.; Legal Review; Riparian Rights; Water Allocation; Water Quality - general; ...2.1931

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT - A CASE STUDY OF THE WISCONSIN RIVER BASIN ...Administrative Organizations; Legal Studies; Management (water); Regional Or State Studies; River Basins; Water Quality - general; Water Resources Planning; ...2.1932

INSTITUTIONAL DESIGN FOR WATER QUALITY MANAGEMENT ...Administrative Organizations; Economic Efficiency; Management (water); Regional Or State Studies; River Basins; Water Quality Control -general; Water Resources Development; ...2.1933

ANALYSIS OF POLICY ISSUES POSED BY WATER AND RELATED LAND RESOURCES PROGRAMS IN THE METROPOLITAN REGION ...Benefit-cost Analysis; Economic Impact; Land Use; Riparian Rights; Water Quality -general; ...2.1934

STUDY OF THE APPLICABILITY OF EFFLUENT CHARGES TO WATER QUALITY MANAGEMENT IN THE STATE OF WISCONSIN ...Economic Impact; Literature Search; Water Costs; Water Resources Planning; ...2.1935

ECONOMIC AND LEGAL FACTORS IN PROVIDING, USING AND MANAGING WATER ...Administrative Organizations; Data Reduction and Analysis; Economic Impact; Electric Power Plants; Flood Control Planning; Industrial Wastes; Management (water); Performance, Recreation, Water Resources; Regression Analysis; River Basins; Water Costs; Water Rights; Water Utilization - general; ...2.1936

GREEN BAY RESEARCH PROGRAM ...Adsorption Capacity; Algal Physiology; Bays; Biological Effects; Degradation; Economic Impact; Environment; Geophysical Analysis; Lake Michigan; Marine Geology; Nutrients; Optimization - Feasibility; Pesticides - see Pesticide; Primary Productivity - Plants; Regional Economics; Sedimentation; Types of Resources; Water Quality Control - general; ...2.1938

A STUDY OF LAND DISPOSAL OF SPENT SULFITE LIQUOR AT BADGER PAPER MILLS, INC., PESHTIGO, WISCONSIN ...Aquifers; Landfill; Limestone -general; Pulp and Paper Wastes; Water Pollutants - Path of; ...3.1345

PHOSPHORUS REMOVAL BY TRICKLING FILTER SYSTEMS ...Biochemical Oxygen Demand; Phosphorus and Phosphorus Cpds; Solid Waste; Trickling Filters; Waste Management -see Specific; ...3.0347

APPRAISAL OF ADJUSTMENTS IN WISCONSIN AND OTHER LAKE STATES DAIRY FARMING ...Agricultural Economics; Bos; Costs -see Economics Entries; Farm Animal Wastes; Farm Structures & Design; Optimization - Feasibility; Supply; ...3.0349

BIONOMICS OF THE CEREAL LEAF BEETLE ...Aliphatic Carbamates; Furadan; Insect Resistance; Pesticide Evaluation; Thimet; Triticum; ...4.0434

CHEMICAL CONTROL OF AQUATIC WEED NUISANCES ...Aeration (water); Degradation; Formulations -nonspecific; Herbicides -nonspecific; Metabolites From Pesticides; Pesticide Aquatic Cycling; Pesticides -see Pesticide; Sediments; ...4.0518

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Beta Particles; Plant Biomes; Plant Succession; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioecology - Plants; Soil Microbiology; ...5.0542

Wyoming

THE LIMNOLOGY OF YELLOWTAIL RESERVOIR AND THE BIG HORN RIVER ...Algae -nonspecific; Biological Water Properties; Evaporation; Montana; Oxygen Content (water); Phytoplankton; Productivity of Freshwater; Stratification (water); ...2.0233

AERATION OF LAGOONS IN RIGOROUS CLIMATE AREAS ...Aeration (water); Pilot Plants; Sewage Lagoons; Urban Environment; Water Pollution Effects; ...2.0869

VALUE OF THE GAME AND FISH RESOURCES IN RELATION TO THE FUTURE UTILIZATION OF THE WATER OF THE GREEN RIVER DRAINAGE IN WYOMING ...Animal Productivity; Demand and Use -recreation; Fish; Forecasting - Prediction; Population Dynamics -general; State Government; Survey Studies (water); Water Quality -general; Water Transfer; Wild Rivers; Wildlife -nonspecific; ...2.1940

WATER RESOURCE OPERATIONS STUDY ...Economic Theory; Operations Research; Water Cycle; Water Quality -general; Water Resources Development; Water Transfer; Water Utilization - general; ...2.1941

CHARACTERISTICS OF CRUDE OILS ...Alaska; Data & Statistics Info Storage; Fluid Properties; Rocky Mountain System; ...3.0410

METHOXYCHLOR-CAUSED EFFECTS ON CUTTHROAT TROUT PHYSIOLOGY - CHRONIC TOXICITY OF INSECTICIDES TO COLD-WATER FISH ...Laboratory Animals; Methoxychlor; Pesticide Action on Animals; Pesticides -see Pesticide; Salmo Clarki; ...4.0740

X and Gamma Rays

DEVELOPMENT OF A WORKING MODEL FOR MEASUREMENT OF SULFUR DIOXIDE IN STACK GASES ...Combustion; Detectors and Sensors; Mercury; Radiation Instruments; Radioactive Isotopes; Scintillation Counting; Sulfur Dioxide Removal; ...1.0834

STUDY AND IMPROVEMENT OF BIOSPHERE RESOURCES. I. INFLUENCE OF MERCURY IONS ON DNA-REPAIR AND RECOVERY OF ALGAE ...Algae - Chlorophyta; Cell Injury and Autolysis; Chemical Mutagenesis; Industrial Wastes; Metabolism of Algacides; Plant Ecology -nonspecific; Radiation Sources - general; ...2.0027

STUDIES OF THE CONCENTRATIONS OF UNREPORTED LONG-LIVED RADIONUCLIDES IN BIOTA AND OCEAN SEDIMENTS AT BIKINI AND ENIWETOK ATOLLS ...Beta Particles; Canals; Dredging; Gamma Spectroscopy; Harbors; Marine Geology; Ocean Meteorological Studies; Radioactivity; Seismology; ...2.0424

MOVEMENT AND ADSORPTION OF PESTICIDES IN STERILIZED SOIL COLUMNS ...Adsorption; Pesticide Absorption Rates; Pesticides -nonspecific; Rate of Reaction; Soil Chemical Properties; Soil Profile; Surfactants - Wetting Agents; Tension and Measurement; ...4.0094

TRACE LEVELS OF PESTICIDE RESIDUES IN AGRICULTURAL COMMODITIES IN MARKETING CHANNELS ...Air Pollution osee Specifics; Beta Particles; Fragaria; Malathion; Pesticide Interaction With Env; Pesticide Residues Removal; Residues in Foods; ...4.0308

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - STUDIES ON THE BIOLOGY AND STERILIZATION OF THE COFFEE LEAF MINER ...Animal Resistance; Biological Control; Foreign Agriculture; Guatemala; Pesticide Toxicity in Animals; Physical Control; Rubiaceae; ...4.0583

PHYSIOLOGICAL ECOLOGY STUDIES OF DESERT VEGETATION ...Cobalt; Plant Phenology; Plants; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0014

DIAMOND ORDNANCE RADIATION FACILITY OPERATION ...Radiation Sources -general; Research Reactors; Thermal Neutrons; ...5.0027

BIO-ENVIRONMENTAL STUDIES ...Activation Analysis; Animal Productivity; Contamination - Water; Food Contamination; Hydrogen; Plant Food Chains; Radioactive Contamination; Radioactive Fallout-cf Fallout; Radioactivity; Radiologic Health; Water Pollutants - Path of; Water Pollution Sources; ...5.0036

FOR X RAY RESEARCH ...Radiation Effects - Biological; ...5.0037

CHEMISTRY, ACCUMULATION, AND MOVEMENT OF RADIOCATIVE MATERIALS ...Absorption (incl. Adsorption); Ion Transport and Elect. Pot.; Plants; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Soil Tillage; ...5.0043

AEC OFF-SITE RADIOLOGICAL SAFETY PROGRAM ...Atomic Plants; Food Contamination; Nuclear Detonations; Radioactive Fallout; Radioactivity; Thermoluminescent Detectors; ...5.0050

TISSUE CULTURE RESEARCH AND PLANS FOR ITS EXTENSION ...Californium; Cellular Repair Mechanisms; Ionic Effect; Plants; Radiation Effects - Biological; Radium; ...5.0056

CHARACTERIZATION OF SOILS & VEGETATION FOR FUTURE EVALUATION OF RADIOACTIVE CONTAMINATION ...Agricultural Runoff; Diquat; Erosion; Fertilizer Losses; Mulches; Pyrazon; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Soil Depth; Soil Types -also See Specifics; Trifluralin; ...5.0064

EFFECTS OF RADIATION ON RESISTANCE TO INFECTION ...Aerospace Studies; Aviation Medicine; Environmental Hazards; Ionizing Radiation -see Rad.; Neutron -see Radiation; Protons; Radiation Sensitivity -man; Radiation, Whole Body; Radioactive Hazard; Radioactivity; ...5.0065

CIVIL DEFENSE IMPLICATIONS OF A NUCLEAR POWER REACTOR IN A THERMONUCLEAR TARGET AREA ...Atomic Plants; Civil Defense; Core Reactors; Fission Products-see Radioact.; Nuclear Detonations; Nuclear Power; Radiation, Lethal Dose; ...5.0070

RADIATION INJURY ASSOCIATED WITH HIGH ALTITUDE FLIGHTS AND SPACE OPERATIONS ...Altitude; Beta Particles; Injury and Shock; Mammals -nonspecific; Protons; Radiation Effects - Biological; Radiologic Health; ...5.0079

EFFECTS OF AGING ON SOME ENERGY-LINKED FUNCTIONS OF PLANT MITOCHONDRIA ...Aging; Phaseolus; Radiation; Radiation Effects -see Rad.; Radiation, Lethal Dose; Seeds; ...5.0090

EFFECT OF RADIATION ON THYROID PROTEIN BIOSYNTHESIS ...Adenosine Triphosphate; Biochemical Analysis - Tissues; Carbon; Cellular Biosynthesis; Radiation Effects - Biological; ...5.0091

THE EFFECT OF RADIATION ON DENTAL TISSUES ...Cell Injury and Autolysis; Muridae; Radiation; Radiation Chemistry - biophys.; Radiation Effects - Biological; ...5.0092

EFFECT OF IRRADIATION ON MEMBRANE AND TRANSPORT CHARACTERISTICS OF ISOLATED FROG SKIN ...Active Transport; Electrical Current -bioeffects; Mathematical Models; Permeability; Radiation; Radiation Dose Studies-general; ...5.0093

RADIATION INDUCED CHANGES IN NEONATAL NERVOUS SYSTEM ...Cell Injury and Autolysis; Cellular Biosynthesis; Developmental Physiology; Metabolism & Metab. Diseases; Muridae; Radiation Effects - Biological; ...5.0097

WHOLE BODY COUNTING OF POPULATION LIVING IN AREAS OF HIGH NATURAL RADIOACTIVITY ...Radiologic Health; Whole Body; ...5.0099

RADIATION STUDIES ON CELL POPULATIONS ...Cancer; Cell Injury and Autolysis; Ionizing Radiation -see Rad.; Radiation; Radiation Injury Prevention; Radiation Sensitivity -man; Radioisotopes -nonspecific; ...5.0107

STUDIES ON HAZARDS OF THE TRANSPLUTONIUM ELEMENTS ...Actinium A C; Body Isotope Burden; Colloids; Gold; Muridae; Radiation Injury Prevention; Respiratory Irritants, Inhaled; ...5.0117

ELECTROPHYSIOLOGICAL AND BIOCHEMICAL STUDIES OF THE EFFECTS OF RADIATION ON BRAIN ACTIVITY AND DEVELOPMENT ...Bioelectric Phenomena; Developmental Physiology; Muridae; Radiation; Radiation Sensitivity -man; ...5.0120

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Radiation; Radiation Effects - Biological; Space Medicine - Exobiology; Space Science and Technology; Ultrasonic -bioeffects; Ultrasonic Engineering; ...5.0122

X-IRRADIATION EFFECTS OF ACUTE AND FRACTIONATED EXPOSURE IN BEAGLE DOGS ...Canidae; Radiation Effects - Biological; ...5.0128

RELATIVE EFFECTIVENESS OF X-IRRADIATION AND RADIOIODINES ON THYROID FUNCTION ...Canidae; Iodine; ...5.0129

CELLULAR AND CYTOGENETIC EVALUATION OF RADIATION EFFECT ...Canidae; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Sciuridae; Strontium; ...5.0131

EFFECT OF PROLONGED LOW DOSE RATE CO60 GAMMA RAY EXPOSURE TO BEAGLES ...Canidae; Cobalt; Radiation Effects - Biological; Radiation, Low Level; Radiation, Whole Body; Radium; Strontium; ...5.0132

EFFECTS OF LOW-LEVEL IRRADIATION ON DEVELOPING OVARIES OF DOGS AND MONKEYS ...Canidae; Cercopithecoidea; Radiation Effects - Biological, Radiation Sensitivity -man; Radiation, Low Level; ...5.0133

KINETICS OF HEMATOPOIETIC REPOPULATION FOLLOWING IRRADIATION INJURY ...Bacterial Endotoxins; Kinetics; Radiation; Radiation Injury Prevention; Radiation, Low Level; ...5.0135

RADIATION EFFECTS ON DIFFERENTIATION AND TISSUE CONTROL ...Bacteria -nonspecific; Cell Injury and Autolysis; Fungi -nonspecific; Invertebrates; Physical Mutagenesis; Radiation Carcinogenesis; Radiation, Low Level; ...5.0138

EFFECTS OF NUCLEAR TESTING ON VASCULAR PLANT AND RODENT POPULATIONS, NEVADA TEST SITE, NYE COUNTY, NEVADA ...Nevada; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Reactor Sites & Rad Waste; Rodentia -other; Zygophyllaceae; ...5.0147

LATE EFFECTS OF RADIATION IN MAMMALS ...Iodine; Mammals -nonspecific; Radiation Chemistry -biophys.; Radiation, Lethal Dose; Radiation, Whole Body; Radiologic Health; Toxic Substances; ...5.0149

RADIATION CHEMISTRY OF NUCLEIC ACIDS AND RELATED COMPOUNDS ...Kinetics; Radiation Chemistry - biophys.; Radiation Sensitivity -man; ...5.0156

RADIATION STUDIES ON ISOLATED CHROMOSOMES ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Sources -general; ...5.0157

RADIATION DAMAGE AND ITS REPAIR IN HUMAN CHROMOSOMES ...Cell Injury and Autolysis; Cellular Metabolism - Controls; Kinetics; Radiation, Low Level; Ultra Violet Radiation; ...5.0158

RADIOECOLOGY OF DESERT VEGETATION AND SOILS ...Arid and Desert Regions; Clay Soils; Mineral Nutrition; Plants; Radioactive Fallout-cf Fallout; Radioisotopes -nonspecific; Soil Moisture; ...5.0159

CONTINUOUS GAMMA IRRADIATION OF NATURAL POPULATIONS OF DESERT ANIMALS ...Arid and Desert Regions; Cesium; Radiation, Lethal Dose; Radioactive Fallout-cf Fallout; Reptiles; Rodentia -other; Vertebrates Excl. Man; ...5.0160

RADIATION EFFECTS ON FORMATION OF PROTEIN AGGREGATES ...Radiation Effects - Biological; ...5.0163

PROTRACTED RADIATION EFFECTS ...Healing; Injury -animal; Injury and Shock; Mammals -nonspecific; Mathematical Models; Radiation Effects - Biological; ...5.0165

MODIFICATION OF RADIATION RESPONSE IN VITRO ...Anoxia and Hypoxia; Cellular Repair Mechanisms; Cricetus; Mammals -nonspecific; Passive Transport, Diffusion; Radiation; Toxic Substances; ...5.0169

PHOTO- AND RADIOCHEMICAL REACTIONS OF NUCLEIC ACIDS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Kinetics; Radiation; Radiation Chemistry - biophys.; ...5.0170

MOLECULAR BASIS OF RADIATION LETHALITY ...Bacteria - nonspecific; Bacteriophage; Escherichia Coli; Microorganisms; ...5.0171

SEQUENTIAL STUDY OF ULTRASTRUCTURAL CHANGES IN EXPERIMENTAL RADIATION HEART DISEASE ...Hydrogen; Injury and Shock; Rabbits; Radiation Effects - Biological; ...5.0172

DIFFERENTIAL RADIOSENSITIVITY IN GERM CELLS OF DROSOPHILA ...Radiation Sensitivity -man; ...5.0174

X-RAY INDUCED CHANGES IN DROSOPHILA GERM CELLS ...Invertebrates; Lethal Mutation; ...5.0177

ESTIMATING THE GENETIC HAZARDS OF ENVIRONMENTAL AGENTS ...Cell Injury and Autolysis; Environmental Carcinogenesis; Plants; Radiation Carcinogenesis; Vicia; ...5.0179

EFFECTS OF BETA AND GAMMA RADIATION ON DESERT VEGETATION ...Artemisia; Deserts, Arid Lands; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; ...5.0183

AGING OF BIOLOGICAL SYSTEMS IN SPACE MISSIONS ...Aging; Aldehydes -nonspecific; Carbon; Muridae; Radiation Effects - Biological; Stressors, Physiological; Ultra Violet Radiation; ...5.0184

CELLULAR AND MOLECULAR STUDIES OF RADIATION DAMAGE AND REPAIR IN CULTURED MAMMALIAN CELLS ...Anoxia and Hypoxia; Beta Particles; Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation; Radiation Sensitivity -man; ...5.0185

COMPARISON OF ULTRA-VIOLET AND X-RAY DAMAGE IN THE PROGENY OF IRRADIATED CELLS - STUDY OF PROTEIN AND RNA SYNTHESIS IN OEDOGONIUM ...Algae - Chlorophyta; Algal Physiology; Cell Injury and Autolysis; Radiation; Ultra Violet Radiation; ...5.0186

ELECTRON MICROSCOPY STUDY ON THE CELL RESPONSE OF THE CEREBELLAR CORTEX TO IONIZING RADIATION ...Radiation; Radiation Effects - Biological; ...5.0192

BEHAVIORAL RESPONSE OF MAMMALS TO IONIZING RADIATION ...Mammals -nonspecific; Psychology; Radiation Effects - Biological; ...5.0198

EFFECTS OF WHOLE BODY GAMMA-RADIATION ON THE RESPIRATORY CHAIN OF MITOCHONDRIA AND THE ANAEROBIC GLYCOLYSIS OF NEW BORN CNS ...Adenosine Diphosphate; Adenosine Triphosphate; Developmental Physiology; Muridae; Radiation Sensitivity -man; Radiation, Low Level; Radiation, Whole Body; ...5.0200

ABILITY OF ISOLATED KUPFFER CELLS TO POPULATE EXPERIMENTAL GRANULOMAS AND IRRADIATED BONE MARROW ...Antibiotics -nonspecific; Carbon; Colloids; Muridae; Radiation Injury Prevention; Radiation, Whole Body; ...5.0205

CELLULAR RESPONSES TO IRRADIATION ...Biological Basis; Cellular Biosynthesis; Cricetus; Radiation Sensitivity -man; ...5.0208

REPAIR OF RADIATION DAMAGE TO CELLULAR DNA ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Cricetus; Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0209

RADIOECOLOGY OF SOME NATURAL ORGANISMS AND SYSTEMS IN COLORADO ...Animal Productivity; Atomic Bomb; Colorado; Grasslands; Ochotonidae; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; Strontium; ...5.0211

STUDIES ON THE EFFECTS OF RADIATIONS ON DNA ...Bacteria -nonspecific; Cell Injury and Autolysis; Microorganisms; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0213

THE APPLICATION OF NUCLEAR ENERGY TO AGRICULTURE - RADIOSENSITIVITY OF TROPICAL PLANT SPECIES ...Air Pollution Effects; Costa Rica; Energy Conversion; Leguminosae; Plant Phenology; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Tropical Regions; ...5.0218

EFFECT OF RADIATION ON PROTEO-HORMONES ACTIVITY ...Cellular Biosynthesis; Radiation Effects - Biological; Sterilization; Stressors, Physiological; ...5.0220

IDENTIFICATION OF THE RADIOSENSITIVE STAGES DURING THE DIFFERENTIATION OF THE IMMUNOCOMPETENT CELL ...Radiation; Radiation Sensitivity -man; Radiation, Lethal Dose; Radiation, Whole Body; Sus; ...5.0221

THE ROLE OF STRUCTURE AND ENERGY (OR IONIZATION) TRANSFER IN RADIATION CHEMISTRY AND BIOLOGY ...Algae - Cyanophyta; Chemical Mechanisms & Kinetics; Plants; Radiation; Radiation Injury Prevention; ...5.0224

IRRADIATION AND TISSUE-LOCALIZING RESPONSE ...Bacteria -nonspecific; Cancer; Rabbits; Radiation Effects - Biological; Toxic Substances; ...5.0226

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - BASIC RADIATION ESTIMATES ...Atomic Bomb; Japan; Nuclear Warfare; Radiologic Health; ...5.0227

LATE EFFECTS OF RADIATION ON THE POPULATIONS OF HIROSHIMA AND NAGASAKI - POPULATION STUDIES ...Atomic Bomb; Demography; Nuclear Warfare; Radiation Effects - Biological; ...5.0228

A STUDY OF THE BIOCHEMICAL EFFECTS OF IONIZING AND NONIONZING RADIATION ON PLANT METABOLISM DURING DEVELOPMENT ...District of Columbia; Light; Plants; Radiation; Radiation Effects -see Rad.; ...5.0234

PREVENTION OF RADIATION DAMAGE IN BONE ...Cell Injury and Autolysis; Mammals -nonspecific; Radiation Injury Prevention; Radiation Sensitivity -man; Tetracycline; ...5.0236

FUNCTIONAL EFFECTS OF IONIZING RADIATION ON THE CENTRAL NERVOUS SYSTEM IN MAN ...Cancer; Psychology; Radiation Effects - Biological; ...5.0239

ALTERATION INDUCED BY X-RAY & ULTRAVIOLET LIGHT ON THE SYNTHESIS & MAINTENANCE OF MACROMOLECULAR COMPONENTS WITHIN MICROORGANISMS ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Metabolism - Controls; Cellular Viability; Radiation; Radiation Sensitivity -man; Ultra Violet Radiation; ...5.0244

A CYTOLOGICAL STUDY OF RADIATION INDUCED ALTERATIONS IN CYTOPLASMIC FACTORS CONTROLLING MALE STERILITY IN CORN ...Crotalaria; Helminthosporium; Plants; Solanaceae; ...5.0245

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Bos; Copper; Iodine; Laboratory Animals; Muridae; Radiation Effects; Sus; ...5.0246

THE EFFECTS AND MECHANISMS OF ACTION OF IONIZING RADIATION ON THE HOUSE FLY MUSCA DOMESTICA ...Invertebrates; ...5.0247

THE STUDIES OF IONIZING RADIATION AS STIMULI ...Biological Rhythms; Learning and Retention; Muridae; Psychology; Toxic Substances; ...5.0254

MECHANISM OF DIVALENT ION ABSORPTION ...Arsenic; Cobalt; Gallus Domesticus; Iron; Mercury; Whole Body; Zinc; ...5.0256

AN EVALUATION OF THE FACTORS INVOLVED IN BIOACCUMULATION OF GAMMA EMITTING RADIONUCLIDES IN WILD DEER ...Animal Habitat Studies; Animal Productivity; Canidae; Cesium; Cricetidae -other; Odocoileus; Passeriformes; ...5.0257

AN EVALUATION OF RADIOACTIVE CONTAMINANTS IN WILD ANIMALS OF FOREST LANDS ...Animal Predation; Bos; Cricetidae -other; Felidae; Forest Environment -general; Radioactive Fallout-cf Fallout; Soil Chemical Properties; Vertebrates Excl. Man; ...5.0258

EFFECTS OF RADIATION ON PLANT AND ANIMAL COMMUNITIES ...Animal Interrelationships -gen; Animal Succession; Energy Budgets; Plant Competition; Plant Productivity -general; Plants; Productivity of Freshwater; Radioactive Pollution -ns; Radioisotopes -nonspecific; Systems Analysis - Water Mgmt; ...5.0261

MECHANISM OF RADIATIONAL EFFECTS ON THE TRANSPORT AND BIOELECTRIC PROPERTIES OF RAT INTESTINE ...Chlorine; Ionic Effect; Muridae; Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0263

THE EFFECT OF GAMMA IRRADIATION ON THE LIPID METABOLISM OF RADIOSENSITIVE TISSUES ...Radiation; Radiation Sensitivity -man; ...5.0265

IRRADIATION INDUCED CHANGES IN RED BLOOD CELL METABOLISM AND MEMBRANE STRUCTURE ...Radiation Effects - Biological; ...5.0267

EFFECT OF IONIZING RADIATION ON THE STRUCTURE AND FUNCTION OF ERYTHROCYTES ...Radiation Effects - Biological; ...5.0268

ANALYSIS OF PARAMETERS INFLUENCING CARCINOGENESIS ...Muridae; Neutron -see Radiation; Radiation Carcinogenesis; ...5.0271

RADIATION RESPONSE AND RECOVERY IN SEA URCHIN GAMETES ...Alpha Particles; Cesium; Curium; Echinodermata; Invertebrate Physiology; Invertebrates; ...5.0272

RADIATION AND ENZYMES ...Digestive System - Human; Muridae; Radiation, Whole Body; ...5.0273

CORRELATIVE ACTION OF THE GAMMA-IRRADIATED LEAF ON ROOT INITIATION IN COLEUS ...Grafting & Other Nonsex Prop; Growth Substances; Labiatae; Nitrogen and Nitrogen Cpds.; Nucleic Acid Compounds; Radiation Effects -see Rad.; ...5.0277

NEUTRON AND GAMMA RAY TOXICITY STUDIES EMPLOYING THE JANUS BIOLOGY REACTOR COMPLEX ...Accident; Aging; Digestive System - Human; Occupational Hazards; Radiation Effects - Biological; Radiation, Lethal Dose; Rodentia -other; ...5.0278

CHANGE IN RADIOSENSITIVITY OF INTESTINAL CRYPTS FROM GROUND SQUIRRELS DURING THE FIRST 48 HOURS AFTER AROUSAL FROM HIBERNATION ...Hibernation; Injury -animal; Radiation Sensitivity -man; Radiation, Lethal Dose; Sciuridae; Temperature - Air; Vertebrates Excl. Man; ...5.0279

METABOLISM AND TOXICITY OF FISSION PRODUCTS IN DOGS ...Canidae; Cerium; Cesium; Cobalt; Iodine; Radiation Carcinogenesis; Radiation, Whole Body; ...5.0284

THEORY OF AGING, MORTALITY AND RADIATION INJURY ...Injury -animal; Lethal Mutation; Mammals -nonspecific; Radiation Effects - Biological; Radiation Sensitivity -man; Simulation Theory; Statistics; ...5.0286

ACUTE AND CHRONIC RADIATION EFFECTS IN MAMMALS ...Cricetidae -other; Marsupialia -other; Primates -nonspecific; Radiation Effects - Man; Radiation, Low Level; ...5.0287

CORRELATED STATISTICAL AND CYTOPHYSIOLOGICAL STUDIES OF THE RADIATION RESPONSE IN HIGHER VERTEBRATES ...Gallus Domesticus; Injury -animal; Muridae; Radiation, Lethal Dose; Vertebrates Excl. Man; ...5.0290

ULTRASTRUCTURE CHANGES ASSOCIATED WITH CELL DIFFERENTIATION IN NORMAL AND IRRADIATED ORGANISMS ...Antibiotics -nonspecific; Cell Injury and Autolysis; Radiation; Radiation Sensitivity -man; ...5.0292

EXPERIMENTAL MODIFICATIONS OF ANTIBODY PRODUCTION ...Muridae; Protozoa; Rabbits; ...5.0293

PREPARATION AND PROPERTIES OF SUBCELLULAR FRACTIONS ...Muridae; Nitrogen and Nitrogen Cpds.; Radiation; Radiation Injury Prevention; Sulfhydryl Compounds; ...5.0294

PARTIAL-CELL IRRADIATION OF MITOTIC CELLS ...Amphibians; Cellular Metabolism - Controls; Protons; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0309

RADIATION INDUCED CHROMOSOME DAMAGE AND CELL RESPONSE ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Mammals -nonspecific; Radiation; Radiation Effects - Biological; ...5.0311

STUDIES ON BONE MARROW IMMUNOLOGIC CELL(S) IN VITRO AND IN VIVO ...Muridae; Penicillin; Radiation Injury Prevention; Radiation, Lethal Dose; Streptomycin; ...5.0312

IN VITRO EFFECT OF IMMUNOSUPPRESSIVE AGENTS ON MARROW CELLS ...Cytotoxin; Dyes -nonspecific; Radiation Sensitivity -man; ...5.0313

GENETIC EFFECTS OF RADIATION ON BIOMETRICAL TRAITS ...Invertebrates; Muridae; Radiation Resistance -animals; Radiation Sensitivity -man; Vertebrates Excl. Man; ...5.0318

EFFECTS OF GAMMA-IRRADIATION ON DNA TRANSCRIPTION AND RNA TRANSLATION IN PLANTS ...Cell Injury and Autolysis; Chenopodiaceae; Nitrogen Metabolism; Plants; Radiation Effects -see Rad.; ...5.0322

EXPERIMENTAL POPULATION GENETICS IN THE LABORATORY MOUSE ...Muridae; Radiation, Lethal Dose; Sus; Vertebrates Excl. Man; ...5.0323

BIOCHEMICAL ASPECTS OF ERYTHROPOIESIS IN CHRONIC IRRADIATION ...Anoxia and Hypoxia; Cellular Biosynthesis; Dose Rate, Dose Fractionation; Muridae; Radiation; ...5.0324

RADIATION PROTECTION AND RECOVERY IN GERMFREE ANIMALS ...Microorganisms -nonspecific; Muridae; Radiation Injury Prevention; Radiation, Whole Body; ...5.0325

EFFECTS OF GAMMA RADIATION ON TREE SEED AND SEEDLINGS ...Bioindicators; Energy Conversion; Hamamelidaceae; Leguminosae; Oleaceae; Plantanaceae; Quercus; Radiation Sensitivity -man; Radioisotopes -nonspecific; ...5.0338

LONG TERM EFFECTS OF PRENATAL GAMMA-IRRADIATION ON RAT BRAIN ...Muridae; Radiation Dose Studies-general; Radiation, Low Level; Radiation, Whole Body; ...5.0342

ROLE OF THE RETICULOENDOTHELIAL SYSTEM IN RADIATION INJURY AND RECOVERY ...Muridae; Phagocytosis; ...5.0343

EFFECT OF SPERMATOGONIAL X-IRRADIATION ON REPRODUCTIVE FITNESS OF MICE ...Evolution; Muridae; Radiation Effects - Biological; ...5.0344

EFFECT OF X-IRRADIATION ON THE GERMINAL EPITHELIUM OF THE MALE MOUSE ...Cellular Repair Mechanisms; Muridae; Physical Mutagenesis; Radiation Sensitivity -man; ...5.0345

RADIATION-INDUCED CHROMOSOMAL INVERSIONS IN MOUSE POPULATIONS ...Muridae; Mutagenesis -nonspecific; Vertebrates Excl. Man; ...5.0346

CONTROL OF CELL GROWTH, DIFFERENTIATION AND FUNCTION ...Cell Injury and Autolysis; Cellular Physiology- Env. Eff.; Gases; Ionic Effect; Radiation Injury Prevention; Tumor Pathology; Water Movement, Osmosis; ...5.0347

INVESTIGATION OF POSSIBLE SYNERGISTIC EFFECTS OF NEUTRONS AND PHOTONS ON SELECTED MATERIALS ...Dosimetry; Fast Neutrons; ...5.0348

MORPHOLOGICAL AND HISTOCHEMICAL CHANGES IN BONE CELLS AFTER IRRADIATION - A LIGHT AND ELECTRON MICROSCOPIC STUDY ...Calcium; Cell Injury and Autolysis; Hydrogen; Plutonium; Radiation; Radiation Effects - Biological; ...5.0350

RADIATION AND RADIOBIOLOGY RESEARCH CENTER ...Cancer; Cell Injury and Autolysis; Hyperthermal; Radiation; Radiation Effects - Biological; Radiation Sources -general; Research Facilities; ...5.0354

ACCUMULATION AND MOVEMENT OF FISSION PRODUCTS IN SOILS AND PLANTS - I. MECHANISMS OF RADIATION DAMAGE IN PLANT CELLS ...Cell Injury and Autolysis; Growth Substances; Hordeum Vulgare; Phaseolus; Plants; Radiation; Radiation Effects -see Rad.; ...5.0356

FUNCTIONAL AND STRUCTURAL ALTERATIONS FOLLOWING X-IRRADIATION OF THE CEREBRAL CORTEX OF THE MONKEY ...Injury and Shock; Monkey; Radiation Effects - Biological; ...5.0358

HISTOPATHOLOGIC, SERUM ENZYME AND OTHER CHANGES PRODUCED IN ANIMALS BY VARIOUS ENVIRONMENTAL AND OTHER STRESSES ...Bacteria -nonspecific; Exercise; Mammals -nonspecific; Stressors, Physiological; ...5.0359

RADIATION EFFECTS ON MAMMALIAN TUMOR CELLS ...Cancer; Cellular Repair Mechanisms; Neutron -see Radiation; Radiation; Radiation Sensitivity -man; Radiation, Lethal Dose; Radiation, Low Level; ...5.0360

EFFECTS OF IONIZING RADIATION ON THE ELASMOBRANCH BRAIN ...Injury -animal; Injury and Shock; Selachii; Vertebrates Excl. Man; ...5.0361

THE EFFECTS OF IONIZING RADIATION ON MACROMOLECULES OF BIOLOGICAL IMPORTANCE ...Cell Injury and Autolysis; Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0364

COMPARATIVE STUDIES OF PROTEIN RADIOLYSIS BY VARIOUS MEANS OF IRRADIATION ...Carbon; Electrical Current -bioeffects; Radiation Chemistry -biophys.; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0367

WEAPONRY RADIATION PENETRATION IN MATTER FOR EVALUATING ATOMIC WEAPONS' EFFECTS ...Fast Neutrons; Nuclear Detonations; Plasmas; Radiation Penetration; ...5.0368

BIOLOGY OF THE EASTERN CHIPMUNK, TAMIAS STRIATUS ...Animal Productivity; Elevation Levels, Altitude; Population Dynamics -general; Sciuridae; Vertebrates Excl. Man; ...5.0373

RADIATION CARCINOGENESIS ...Digestive System - Human; Muridae; Nuclear Structure; Radiation Carcinogenesis; Radioactive Isotopes; Radioisotopes -nonspecific; Tumor Pathology; ...5.0378

EFFECTS OF RADIATION ON STATIONARY CELLS ...Cell Injury and Autolysis; Radiation; Radiation, Lethal Dose; Tumor Pathology; ...5.0384

THE EFFECT OF IRRADIATION ON THE BIOCHEMICAL CHANGES OF MAMMALIAN CELLS IN THE ABSENCE AND PRESENCE OF PARTICULATE MATERIAL ...Aldehydes -nonspecific; Cancer; Cell Injury and Autolysis; Phagocytosis; Radiation; Radiation Sensitivity -man; Radiation, Low Level; ...5.0388

EFFECT OF X-RAY ON RESISTANCE TO LEUKEMIA IN MICE ...Cancer Immunology; Muridae; Radiation Sensitivity -man; Radiation, Whole Body; ...5.0389

EFFECTS OF IONIZING RADIATION ON MAMMALIAN SPERM AND EGGS ...Mustelidae; Radiation Effects - Biological; ...5.0396

SOME ASPECTS OF THE MECHANISM OF BACTERIOPHAGE REPLICATION ...Bacteriophage; Cell Injury and Autolysis; Escherichia Coli; Microorganisms; Physical Mutagenesis; ...5.0398

STUDIES OF RADIATION DAMAGE TO BIOLOGICAL MATERIALS ...Injury and Shock; Lasers and Masers; Radiation; Radiation Effects - Biological; Sulfhydryl Compounds; ...5.0400

EFFECT OF IONIZING RADIATION ON BIOLOGIC HALF-LIFE OF 57COBALT IN THE MOUSE ...Cobalt; Colloids; Muridae; Radiation Dose Studies-general; Technetium; ...5.0401

X-IRRADIATION OF BRAIN OF PATIENTS WITH MULTIPLE SCLEROSIS - CEREBROSPINAL FLUID LIPOPROTEINS - WHITE MATTER GANGLOIDS ...Radiation Effects - Biological; ...5.0404

CYSTEAMINE AND X-RAYS PRENATALLY - BEHAVIOR OF THE RAT ...Behavior -vertebrate; Muridae; Psychology; Vertebrates Excl. Man; ...5.0405

BIOCHEMICAL CHANGES CAUSED BY RADIATION INACTIVATION ...Cell Injury and Autolysis; Radiation; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0407

EFFECTS OF IRRADIATION ON LICHENS AND LICHEN-FORMING FUNGI AND ALGAE ...Algae -nonspecific; Algal Physiology; Ascomycetes -nonspecific; Cell Membrane Permeability; Radiation; Radiation Effects on Fungi; Symbiosis - Plants; ...5.0410

BIOCHEMICAL STUDIES IN THE OCULAR LENS IN RELATION TO CATARACTOGENESIS ...Mammals -nonspecific; Metabolism and Biochemistry; ...5.0411

RESPONSES OF PROTEIN SYNTHESIS TO ENVIRONMENTAL STRESSES AND RESULTANT MORPHOLOGICAL CHANGES ...Albizzia; Cellular Metabolism - Controls; Growth; Nucleic Acid Compounds; Plant Response to Env. -ns; Radiation; Temperature; ...5.0414

EFFECTS OF X-RAYS ON NORMAL AND MALIGNANT CELLS ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Viability; Radiation; Radiation Effects - Biological; Radiation, Lethal Dose; Tumor Pathology; ...5.0416

STUDIES OF THE DYNAMICS OF CARDIAC DEVELOPMENT ...Experimental Teratology; ...5.0424

THE ROLE OF THYMIC-DEPENDENT LYMPHOCYTES IN THE ACUTE RECOVERY FROM RADIATION INJURY ...Healing; Muridae; Radiation Injury Prevention; Radiation Sensitivity -man; Radiation, Low Level; ...5.0450

THE PATHOLOGY OF ACCELERATED AGING IN GERMFREE MICE ...Aging; Bacteria -nonspecific; Muridae; Radiation Effects - Biological; ...5.0451

MACROMOLECULAR RADIATION PATHOLOGY ...Biochemical Analysis - Tissues; Cell Injury and Autolysis; Radiation; Radiation Chemistry -biophys.; Radiation Dose Studies-general; ...5.0453

TRANSFORMATION AND RECOVERY OF HAEMOPHILUS INFLUENZAE FROM ULTRAVIOLET AND X-IRRADIATION DAMAGE ...Bacterial Population Surveys; Cell Injury and Autolysis; Cellular Repair Mechanisms; Haemophilus Sp; Mutagenesis - nonspecific; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0455

GENETIC EFFECTS OF X-RAY EXPOSURE ON REPRODUCTION ...Muridae; Physical Mutagenesis; Radiation Effects - Biological; ...5.0458

COMPARATIVE METABOLISM OF RADIONUCLIDES BY MAMMALS - FACTORS WHICH ALTER NORMAL METABOLIC PARAMETERS ...Canidae; Cesium; Monkey; Rodentia -other; Vertebrates Excl. Man; ...5.0459

INFLUENCE OF HIGH LET RADIATIONS ON DIVISION DELAY AND SURVIVAL OF MAMMALIAN CELLS IN VITRO ...Cancer; Cellular Repair Mechanisms; Cobalt; Ionic Effect; Neutron -see Radiation; Vertebrates Excl. Man; ...5.0461

GENETIC EFFECTS OF X-RAY EXPOSURE ON LONGEVITY ...Muridae; Physical Mutagenesis; Radiation Effects - Biological; ...5.0464

DOSE-RESPONSE AND RECOVERY KINETICS FROM LOW-INTENSITY CONTINUOUS AND SUBLETHAL ACUTE GAMMA-RAY EXPOSURES WITH DOGS AND PRIMATES ...Canidae; Cercopithecoidea; Radiation, Low Level; Vertebrates Excl. Man; ...5.0468

GENETIC EFFECTS OF PROGENITOR X-RAY EXPOSURE ON REPRODUCTION AND DEVELOPMENT IN PROGENY ...Cell Injury and Autolysis; Mammals -nonspecific; Radiation Effects - Biological; ...5.0469

GENETIC EFFECTS OF X-RAY EXPOSURE ON LONGEVITY ...Muridae; Neutron -see Radiation; Radiation Effects - Biological; ...5.0470

LOW-INTENSITY GAMMA-RAY EFFECTS AND RESPONSE CAPABILITY OF MOUSE BONE MARROW ...Cobalt; Injury and Shock; Muridae; Radiation, Low Level; ...5.0471

RADIATION-INDUCED DIVISION DELAY AND RECOVERY ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Cellular Viability; Hypothermal; Radiation; Radiation Effects - Biological; ...5.0472

PLACENTAL PROGESTERONE SYNTHESIS FEEDBACK CONTROL AND RADIATION SENSITIVITY ...Cellular Biosynthesis; Kinetics; Radiation; Radiation Effects - Biological; Radiation Sensitivity -man; ...5.0473

CELL KINETICS OF IRRADIATED SKIN ...Biological Basis; Hydrogen; Radiation; ...5.0479

CONTROL OF FISSION PRODUCTS INGESTED BY LIVESTOCK ...Bos; Cesium; Iodine; Livestock -nonspecific; Strontium; Vertebrates Excl. Man; ...5.0482

PHASE III - FISSION PRODUCT METABOLISM AND RESPONSE IN LABORATORY AND DOMESTIC ANIMALS - NEURAL AND BEHAVIORAL ASPECTS OF RADIATION ...Muridae; Psychology; Radiation Injury Prevention; ...5.0483

FOLLOW-UP STUDY OF IRRADIATED TINEA CAPITIS CASES ...Injury and Shock; Radiation Carcinogenesis; Radiation Effects - Biological; Trichophyton; ...5.0487

INACTIVATION OF ENZYMES BY IONIZING RADIATION ...Hydrogen; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0490

RESPONSE OF LIVING CELLS TO HIGH INTENSITY PULSED ELECTRONS AND EXAMINATION OF OXYGEN DIFFUSION KINETICS IN CELLS ...Anoxia and Hypoxia; Cancer; Metabolism and Biochemistry; Radiation; Radiation Sensitivity -man; ...5.0491

THEORETICAL INVESTIGATION OF ELECTRON LET SPECTRA AND DOSE RELATIONSHIP FOR IONIZING RADIATIONS ...Beta Particles; Dosimetry; Metabolism and Biochemistry; Permeability; Radiation Chemistry -biophys.; Spectrographic Techniques; ...5.0492

RADIATION MECHANISMS IN MAMMALIAN SYSTEMS ...Cancer; Cellular Biosynthesis; Cellular Viability; Genes; Muridae; Radiation; Radiation Injury Prevention; Radiation, Lethal Dose; Radioisotopes -nonspecific; Tumor Pathology; ...5.0493

IRRADIATION EFFECTS ON DENTAL AND ORAL PROCEDURES ...Cobalt; Healing; Mammals -nonspecific; ...5.0495

EFFECT OF RADIATION ON GLUCOSAMINOGLYCANS IN BONE ...Aging; Cellular Biosynthesis; Healing; Mammals -nonspecific; Metabolism & Metab. Diseases; Radiation Effects - Biological; ...5.0496

MECHANISMS OF PERMANENT AND DELAYED PATHOLOGIC EFFECTS OF RADIATION ...Aging; Muridae; Rabbits; Radiation Carcinogenesis; Radiation Effects - Biological; Radiation Injury Prevention; ...5.0497

EFFECT OF RADIATION ON PROTEINS AND RELATED COMPOUNDS ...Aging; Hydrogen; Mammals -nonspecific; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0498

THE CELLULAR AND MOLECULAR BASIS OF RECOVERY FROM RADIATION INJURY ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Metabolism - Controls; Cellular Repair Mechanisms; Radiation; Radiation Injury Prevention; ...5.0501

PHYSIOLOGIC DECREMENTS OF ELECTROMAGNETIC RADIATION EXPOSURE ...Bioassays; Biochemical Analysis - Tissues; Canidae; Iodine; Muridae; Radiation Carcinogenesis; ...5.0503

CELLULAR PARAMETERS OF RADIOSENSITIVITY ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Plants; Radiation Effects -see Rad.; Radiation Sensitivity -man; Vicia; ...5.0504

THE RADIOBIOLOGY AND TOXICOLOGY OF RADON AND OTHER RADIOACTIVE GASES ...Canidae; Krypton; Miners; Muridae; Radon; Respiratory Irritants, Inhaled; Uranium; ...5.0505

MORPHOLOGICAL AND CYTOLOGICAL STUDIES OF LUNG RESPONSES TO INHALATION AND IRRADIATION ...Aerosols; Monkey; Plutonium; Radiation Dose Studies-general; Respiratory Irritants, Inhaled; Tumor Pathology; ...5.0510

BEHAVIORAL AND NEURAL EFFECTS OF RADIATIONS AND TOXINS ...Burns; Digestive System - Human; Mammals -nonspecific; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; ...5.0513

OPTIC LENS OF MAN - INCIDENCE OF MINUTE, DISCRETE SUBCAPSULAR OPACITIES WITH AGING OR FOLLOWING IRRADIATION ...Aging; Atomic Bomb; Nuclear Warfare; Occupational Hazards; Radiation Effects - Biological; Radiation, Low Level; Radiology, Health; ...5.0515

KINETICS OF HEMATOPOIETIC STEM CELL PROLIFERATION FOLLOWING X-IRRADIATION ...Canidae; Dosimetry; Monkey; Radiation; Radiation, Whole Body; ...5.0517

COMPARATIVE STUDY OF THE EFFECTS OF X-IRRADIATION ON THE ELASMOBRANCH BRAIN ...Chondrichthyes; Felidae; Injury -animal; Injury and Shock; Radiation Effects - Biological; Vertebrate Anatomy; ...5.0518

PATHOGENESIS OF EARLY AND LATE EFFECTS OF X-IRRADIATION ON THE RAT AND MONKEY FOREBRAIN ...Cercopithecoidea; Muridae; Psychology; Radiation Effects - Biological; ...5.0519

INFLUENCE OF AGE AND RADIATION EXPOSURE ON HUMAN LYMPHOCYTE RESPONSE TO PHYTOHEMAGGLUTININ (PHA) ...Aging; Atomic Bomb; Radiation; Radiation, Whole Body; Radiologic Health; ...5.0522

THE GENETIC EFFECTS OF IONIZING RADIATION IN DROSOPHILA MELANOGASTER ...Invertebrates; Lethal Mutation; Neutron -see Radiation; ...5.0526

INTERACTION OF THERMAL AND RADIATIVE PROCESSES IN BIOLOGICAL SYSTEMS ...Catalysts; Colorimetric Methods; Radiation Chemistry -biophys.; Radiation Dose Studies-general; Radiation Effects - Biological; Thermochemistry -biophysics; ...5.0527

CORRELATION OF RADIORESISTANCE WITH HEMOPOIETIC PARAMETERS IN MICE ...Metabolism and Biochemistry; Muridae; Radiation Effects - Biological; Radiation Sensitivity -man; ...5.0530

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS (ABBREV) ...Arabidopsis; Fast Neutrons; Physical Mutagenesis; Radiation Effects -see Rad.; Zea Mays - Field Corn; ...5.0533

RADIATION CYTOGENETICS OF HIGHER PLANTS ...Arabidopsis; Growth; Neutron -see Radiation; Protons; Somatic Mutation; Zea Mays - Field Corn; ...5.0534

PREDICTIONS OF RADIOSENSITIVITY IN HIGHER PLANTS ...Growth; Plants; Plants - Monocotyledons; Radiation Effects -see Rad.; Radiation Sensitivity -man; Reproductive Physiology; ...5.0536

RADIOSENSITIVITY OF ANTIBODY RESPONSES ELICITED WITH COMPLEXES OF ANTIGEN AND ANTIBODY ...Clostridium Tetani; Cobalt; Muridae; Radiation Sensitivity -man; ...5.0537

RADIATION RECOVERY MECHANISMS OF G1 AND G2 CELLS IN THE MITOTIC CYCLE OF PISUM ROOT MERISTEMS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Growth; Nucleic Acid Compounds; Plants; Radiation Effects -see Rad.; Radioisotopes -nonspecific; ...5.0538

ENVIRONMENTAL INTERACTIONS ...Algae -nonspecific; Animal Succession; Dose Rate, Dose Fractionation; Invertebrate Physiology; Invertebrates; Salinity (water); ...5.0540

THE EFFECTS OF RADIATION ON THE PHYSIOLOGY OF MARINE ORGANISMS (A COOPERATIVE AGREEMENT WITH THE ATOMIC ENERGY COMMISSION) ...Aquatic Ecology - Animal; Cobalt; Environmental Ecology; Ionizing Radiation -see Rad.; Marine Biology - General; Physiological Effects; Radiation Effects - Biological; Radiation Sensitivity -man; Radioactive Fallout-cf Fallout; Scombridae; Water Pollution Sources; ...5.0541

EFFECTS OF IONIZING RADIATION ON PLANT SPECIES, POPULATIONS AND ECOSYSTEMS ...Beta Particles; Plant Biomes; Plant Succession; Radiation Effects -see Rad.; Radiation Sensitivity -man; Radioecology - Plants; Soil Microbiology; Wisconsin; ...5.0542

RECOVERY OF A PINE FOREST FOLLOWING EXPOSURE TO IONIZING RADIATION ...Beta Particles, Dominant Organisms, Pinus Taeda; Radiation Effects -see Rad.; Radioecology - Plants; ...5.0543

RECOVERY OF A TROPICAL RAIN FOREST FOLLOWING EXPOSURE TO GAMMA RADIATON ...Dominant Organisms; Moraceae; Plants; Radiation Resistance; Rain Forests; Soil Cover Crops; ...5.0544

THE NATURE OF RADIATION SENSITIVITY IN PINES ...Literature Search; Pinus -nonspecific; Plants; Radiation Effects -see Rad.; Radioactive Fallout-cf Fallout; ...5.0547

EFFECTS OF GAMMA RADIATION ON HERBACEOUS SPECIES IN A NORTHERN HARDWOOD FOREST ...Aster; Deciduous Forests; Plant Ecology -nonspecific; Radiation Effects - see Rad.; Radioecology - Plants; ...5.0548

DNA REPAIR IN LYMPHOCYTES ...Bacteria -nonspecific; Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0553

STUDIES ON THE MECHANISM OF THE EFFECT OF IONIZING RADIATIONS ON THE OLFACTORY SYSTEM ...Cavildae; Gases; Muridae; Radiation; Radiation Effects - Biological; ...5.0558

RADIATION EFFECTS ON CELL AND POPULATIONS DYNAMICS OF U-12 FIBROBLASTS ...Cell Injury and Autolysis; Cellular Catabolism-see Degrad; Computer Methods -general; Population - Growth; Radiation; Radiation, Low Level; ...5.0560

INVESTIGATIONS OF THE BIOLOGICAL EFFECTS OF RADIATION - A MULTI-DISCIPLINE APPROACH ...Dosimetry; Environmental Hazards; Ionizing Radiation -see Rad.; Radiation Effects - Biological; Radioactivity; Ultra Violet Radiation; ...5.0561

RADIATION RESPONSE OF THE CELL MEMBRANE ...Cell Injury and Autolysis; Ionic Effect; Kinetics; Permeability; Radiation; Radiation Dose Studies-general; ...5.0563

COMPARISON OF RADIATION AND OXYGEN EFFECTS ON CELLS ...Gases; Ionic Effect; Radiation; Radiation Effects - Biological; ...5.0563

THE RELATIONSHIP OF RADIATION SENSITIVITY TO ALTERATIONS IN THE DNA OF B. SUBTILIS ...Bacillus Subtilis; Bacterial Morphology; Cell Membrane Permeability; Cellular Catabolism-see Degrad; Microorganisms; Radiation Sensitivity - man; Ultra Violet Radiation; ...5.0564

TRANSCRIPTION OF RNA & TRANSLATION OF ENZYMES DURING MITOTIC CYCLE OF PHYSARUM POLYCEPHALUM & RADIATION EFFECTS (ABBREV) ...Cell Injury and Autolysis; Cellular Biosynthesis; Microorganisms; Myxomycetes; Radiation; Radiation Effects on Fungi; ...5.0565

RADIATION-INDUCED MITOTIC DELAY ...Cellular Repair Mechanisms; Echinodermata; Invertebrate Physiology; Invertebrates; Puromycin; ...5.0567

STUDY OF THE LATENT EFFECTS OF GAMMA IRRADIATION ON HUMAN ENAMEL ...Dyes -nonspecific; Phosphorus and Phosphorus Cpds; Radiation Effects - Biological; Sulfur; ...5.0568

EFFECT OF PH ON CALCIUM AND PHOSPHORUS DEMINERALIZATION OF IRRADIATED TOOTH ENAMEL ...Dyes -nonspecific; Phosphorus and Phosphorus Cpds; Sulfur; ...5.0569

EFFECTS OF PRENATAL AND EARLY POSTNATAL IRRADIATION ...Aviation Medicine; Developmental Physiology; Muridae; Radiation Effects - Biological; Radiation, Whole Body; ...5.0571

ULTRAVIOLET INDUCED BIOCHEMICAL CHANGES IN SKIN ...Carbon; Digestive System - Human; Freezing; Muridae; Photochemical Reactions; Radiation; Radiation Effects - Biological; Urine; ...5.0573

RADIATION CHEMISTRY, PHOTOCHEMISTRY AND EXCITED STATES OF A) OXYANIONS, B) D.N.A ...Chemical Mechanisms & Kinetics; Free Radical Reactions; Mechanism Determination; Photochemical Reactions; Radiation Effects - Biological; Radiolysis; ...5.0576

NEURAL DETECTION OF IONIZING RADIATIONS ...Invertebrates; Vertebrates Excl. Man; ...5.0577

RADIATION EFFECTS ON NUCLEIC ACIDS AND PROTECTION ...Carbon; Cellular Biosynthesis; Radiation; Radiation Effects - Biological; Radiation Injury Prevention; ...5.0579

RADIATION EFFECTS ON ERYTHROCYTE SODIUM AND POTASSIUM ...Cell Injury and Autolysis; Permeability; Radiation; Radiation Effects - Biological; ...5.0580

IN VITRO EFFECTS OF IONIZING RADIATION ON GERMINAL EPITHELIUM OF HUMAN TESTIS & ON STEROID BIOSYNTHESIS OF LEYDIG CELLS ...Cellular Biosynthesis; Radiation; Radiation Chemistry -biophys.; Radiation Dose Studies-general; ...5.0581

PROBLEMS IN RADIATION EMBRYOLOGY ...Developmental Physiology; Muridae; Vertebrates Excl. Man; ...5.0586

RADIATION CHEMISTRY AND RADIOBIOLOGY OF MEDIUM EFFECTS ...Aldehydes -nonspecific; Gas Chromatography; Microorganisms; Radiation; Radiation Dose Studies-general; Radiolysis; Thin Layer Chromatography; ...5.0590

RADIATION CHEMICAL STUDIES ON HEMOCYANINS ...Arachnida; Radiation Chemistry -biophys.; Radiation Effects - Biological; ...5.0591

RADIOECOLOGY OF SMALL VERTEBRATE SPECIES UNDER NATURAL ENVIRONMENTS ...Population Dynamics -general; Rodentia -other; Sciuridae; Vertebrates Excl. Man; ...5.0592

GAMMA RAY EFFECTS ON DICTYOSTELIUM DISCOIDEUM ...Cellular Biosynthesis; Cellular Model Systems; Microorganisms; Mycomycetes; ...5.0594

STUDIES ON RADIATION-INDUCED HERITABLE LESIONS IN SOMATIC CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Physical Mutagenesis; Radiation; ...5.0598

VIRUS PROJECT ...Arthropods; Muridae; Radiation, Whole Body; Viruses - Animal; ...5.0600

STUDIES ON THE EFFECT OF NEUTRON IRRADIATION ON SEEDS ...China; Chlorophyll; Foreign Agriculture; Hordeum Vulgare; Neutron -see Radiation; Oryzeae; Plants; ...5.0602

RESPONSE OF PIGMENT CELLS TO X- AND UV-RADIATIONS ...Biological Basis; Radiation; Radiation Sensitivity -man; Ultra Violet Radiation; Vertebrates -nonspecific; ...5.0604

IONIZING RADIATION, BEHAVIORAL DEVELOPMENT, AND AGING ...Aging; Learning and Retention; Psychology; Radiation Dose Studies-general; Radiation, Low Level; ...5.0605

EFFECT OF WHOLE BODY X- AND GAMMA-IRRADIATION ON THE BIOSYNTHESIS OF CERTAIN SERUM PROTEINS ...Cell Membrane Permeability; Cellular Metabolism - Controls; Permeability; Radiation, Lethal Dose; Stressors, Physiological; ...5.0606

EFFECT OF X-IRRADIATION ON THE HORMONAL REGULATION OF THE THYMOLYMPHATIC TISSUE AND THE IMMUNE RESPONSE ...Mammals -nonspecific; Radiation Effects - Biological; ...5.0610

ANIMAL METABOLISM OF FISSION PRODUCTS AND RELATED NUCLIDES ...Beta Particles; Calcium; Ovis; Radioactive Fallout-cf Fallout; Rumen Bacteria; Sus; Yttrium; ...5.0611

RADIOTOXICITY OF FISSION PRODUCT ELEMENTS ...Beta Particles; Injury -animal; Radiation Effects; Radioactive Pollution -ns; Vertebrates Excl. Man; Yttrium; Zinc; ...5.0612

EFFECTIVENESS AND EFFICIENCY OF PHYSICAL AND CHEMICAL MUTAGENS ...Chemical Mutagenesis; Hordeum Vulgare; Neutron -see Radiation; Physical Mutagenesis; Radiation Effects -see Rad.; Temperature - Air; ...5.0613

RESPONSE OF HORTICULTURAL PLANTS TO ACUTE GAMMA RADIATION ...Labiatae; Neutron -see Radiation; Physical Mutagenesis; Plants; Radiation, Whole Body; Rate of Mutation; ...5.0614

CELL SPECIALIZATION IN SHOOT APICAL MERISTEMS AS RELATED TO RADIOSENSITIVITY AND HISTOGENESIS ...Caryophyllaceae; Euphorbiaceae; Labiatae; Physical Mutagenesis; Plants; Radiation Sensitivity -man; Zea Mays - Field Corn; ...5.0615

EVALUATION OF MEAT FROM ANIMALS EXPOSED TO LETHAL RADIATION LEVELS ...Bos; Food Bacteria; Food Contamination; Radiation, Lethal Dose; Sus; Vertebrates Excl. Man; ...5.0616

A STUDY OF EFFECTS OF RADIATION ON HOST-PARASITE RELATIONSHIPS ...Developmental Physiology; Invertebrate Physiology; Invertebrates; ...5.0617

METABOLIC PROBLEM IN SECONDARY DISEASE ...Digestive System - Human; Immunology; Muridae; Nitrogen and Nitrogen Cpds.; Primates -nonspecific; Radiation, Whole Body; ...5.0618

EFFECTS OF RADIATION ON REPRODUCTIVE PHYSIOLOGY IN FARM ANIMALS ...Developmental Physiology; Muridae; Ovis; Sus; Vertebrates Excl. Man; ...5.0619

EFFECTS OF RADIATION ON LARGE ANIMALS - SOMATIC ...Developmental Physiology; Dose Rate, Dose Fractionation; Muridae; Ovis; Sus; Vertebrates Excl. Man; ...5.0620

IRRADIATION OF MILK COWS ...Bos; Radiation Effects; Vertebrates Excl. Man; ...5.0621

DOSE-TIME FACTORS INFLUENCING CELLULAR RADIOSENSITIVITY ...Anoxia and Hypoxia; Cell Injury and Autolysis; Mammals -nonspecific; Radiation Sensitivity -man; ...5.0624

RADIATION MUTAGENESIS IN MAMMALIAN CELLS IN VITRO ...Cell Injury and Autolysis; Cellular Viability; Mutation Types -other; Radiation; Radiation Sensitivity -man; Reversion Mutation; ...5.0630

CYTOLOGY AND TISSUE CULTURE IN GENETIC AND DEVELOPMENTAL STUDIES ...Lethal Mutation; Muridae; Radiation Effects - Biological; Somatic Mutation; ...5.0635

COMPARISON OF DOSE FRACTIONATION AND PROTRACTION AND RBE FOR LATE SOMATIC EFFECTS IN MICE IRRADIATED WITH FAST NEUTRONS ...Muridae; Neutron -see Radiation; Radiation Effects - Biological; Radiation, Whole Body; ...5.0636

LETHAL EFFECTS OF NEUTRONS TO THE MOUSE ZYGOTE AND EARLY EMBRYO ...Muridae; Neutron -see Radiation; Radiation Effects - Biological; Radiation, Lethal Dose; ...5.0637

MODIFICATION OF LATE SOMATIC EFFECTS OF RADIATION BY HYPOXIA ...Injury -animal; Muridae; Radiation Effects - Biological; ...5.0638

RESPONSES OF ANIMALS TO IONIZING RADIATION ...Amphibians; Fish; Invertebrates; Radiation Effects - Man; ...5.0640

X-RAY-INDUCED DAMAGE TO THE DNA OF HAEMOPHILUS INFLUENZAE AND CELLULAR RESPONSE TO THAT DAMAGE ...Bacterial Population Surveys; Cellular Biosynthesis; Kinetics; Radiation; Radiation Sensitivity -man; ...5.0644

HEMOPOIESIS AND RADIOSENSITIVITY ...Muridae; Radiation Sensitivity -man; ...5.0646

LATE EFFECTS OF EXPOSURE TO LOW AND MEDIUM LEVELS OF WHOLE BODY IRRADIATON IN MICE ...Muridae; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0647

VIRUS ACTIVATION IN RADIATION AND CHEMICAL CARCINOGENESIS ...Chemical Carcinogenesis; Co-carcinogenesis; Radiation; Radiation Carcinogenesis; Viral Carcinogenesis; ...5.0649

THE TIME COURSE OF RECOVERY FROM GAMMA RAYS AND FISSION NEUTRONS ...Injury -animal; Muridae; Neutron -see Radiation; Vertebrates Excl. Man; ...5.0653

LATE EFFECTS OF RADIATION AS A FUNCTION OF DOSE RATES BETWEEN 1 R PER DAY AND 1 R PER SECOND ...Injury -animal; Muridae; Vertebrates Excl. Man; ...5.0654

LATE EFFECTS OF LOW DOSE RATE GAMMA RAYS DURING THE PRENATAL PERIOD ...Aging; Developmental Physiology; Experimental Teratology; Mammals -nonspecific; Radiation Carcinogenesis; Radiation Sensitivity -man; Radiation, Low Level; ...5.0655

METABOLISM OF TRACE ELEMENTS ...Beta Particles; Bos; Ovis; Radiation Effects - Biological; Radiation, Whole Body; Strontium; Zinc; ...5.0658

RADIATION STUDIES ON LIVESTOCK UNDER SIMULATED FALLOUT CONDITIONS ...Animal Productivity; Bos; Radiation Effects; Radioactive Fallout-cf Fallout; Sus; ...5.0659

EARLY EFFECTS OF 14 MEV NEUTRON IRRADIATION IN SWINE ...Cell Injury and Autolysis; Injury and Shock; Neutron -see Radiation; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0660

LATE EFFECTS OF WHOLE-BODY GAMMA AND MIXED NEUTRON-GAMMA IRRADIATION ON LARGE ANIMALS ...Equidae; Neutron -see Radiation; Radiation, Lethal Dose; Radiation, Whole Body; Vertebrates Excl. Man; ...5.0661

LATE EFFECTS OF WHOLE-BODY GAMMA IRRADIATION ON THE WORK PERFORMANCE AND RELATED PHYSIOLOGY OF SHETLAND PONIES ...Equidae; Exercise; Radiation, Whole Body; Temperature & Humidity Effects; Temperature - Air; Temperature - Human Body; Vertebrates Excl. Man; ...5.0662

THE EFFECT OF INTENSITY OF 60CO GAMMA RADIATION ON THE EARLY MORTALITY OF SWINE ...Radiation, Lethal Dose; Sus; Vertebrates Excl. Man; ...5.0663

PATHOLOGY ...Bos; Ovis; Sus; Vertebrates Excl. Man; ...5.0668

EFFECT OF DOSE RATE AND TOTAL DOSE OF GAMMA IRRADIATION UPON METABOLIC PARAMETERS IN BIRDS ...Calcium; Gallus Domesticus; Injury -animal; Phosphorus; Radiation Effects - Biological; Strontium; ...5.0672

THE METABOLISM OF STRONTIUM AND RELATED NUCLIDES IN POULTRY ...Calcium; Gallus Domesticus; Phosphorus; Phosphorus and Phosphorus Cpds; Radiation Effects; Strontium; Vertebrates Excl. Man; ...5.0673

THE EFFECT OF RADIATION ON PRENATAL DEVELOPMENT ...Cobalt; Developmental Physiology; Experimental Teratology; Muridae; Ovis; Sus; ...5.0674

METABOLIC EFFECTS OF GASTROINTESTINAL AND SKIN RADIATION INJURY ...Beta Particles; Injury -animal; Ovis; Radiation Effects - Biological; Zinc; ...5.0675

PHYSICO-CHEMICAL STUDIES OF RADIATION EFFECTS IN CELLS ...Bacteria -nonspecific; Cell Injury and Autolysis; Gases; Microorganisms; Plants; Radiation; Temperature; ...5.0677

RADIATION EFFECTS ON MATURE CHICKENS ...Cobalt; Gallus Domesticus; Neutron -see Radiation; Radiation, Lethal Dose; Radioactive Pollution -ns; Vertebrates Excl. Man; ...5.0680

DELAYED SENSORY EFFECTS OF PRENATAL IRRADIATION ...Auditory Physiology; Developmental Physiology; Learning and Retention; Psychology; Radiation, Low Level; Sensory & Perceptual Processes; ...5.0681

THE ROLE OF LIGHT AND TEMPERATURE IN THE GROWTH AND DEVELOPMENT OF PLANTS ...Cold Resistance and Hardiness; Growth; Humidity; Plant Growth Regulators -ns.; Reproductive Physiology; Temperature - Air; ...5.0682

CYTOGENETIC INJURY IN X-RAY IRRADIATED MICE ...Muridae; Physical Mutagenesis; Radiation Effects - Biological; ...5.0691

RADIATION RESPONSE OF IN VITRO MAMMALIAN CELLS ...Cancer; Cellular Model Systems; Cellular Viability; Ionizing Radiation -see Rad.; Radiation; Radiation Effects - Biological; Ultra Violet Radiation; ...5.0693

RADIATION AND BIOPHYSICAL STUDIES ON VIRUSES AND CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Mammals -nonspecific; Radiation; Radiation Sensitivity -man; ...5.0694

THE RADIOBIOLOGY OF NORMAL TISSUES ...Cancer; Cellular Repair Mechanisms; Healing; Radiation; ...5.0696

EFFECTS OF X-IRRADIATION ON THE HUMAN TESTIS - AN ELECTRON MICROSCOPE CYTOCHEMICAL STUDY ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation; Radiation Dose Studies-general; ...5.0697

EFFECTS OF IRRADIATION UPON AIRCREW EQUILIBRIUM ...Aviation Medicine; Environmental Effects - Human; Nuclear Warfare; Pilots; Radiologic Health; ...5.0698

RADIATION EFFECTS ON CREW-TYPE MULTIPLE TASKS ...Environmental Effects - Human; Nuclear Warfare; Primates - nonspecific; Radiation Effects - Biological; ...5.0699

PATHOLOGICAL RESPONSES TO SELECTED AEROSPACE ENVIRONMENTS ...Altitude; Aviation Medicine; Environmental Effects - Human; Laser Effects -bioeffects; Microorganisms -nonspecific; Radiation Effects - Biological; Toxic Substances; ...5.0703

BIOLOGICAL EFFECTS OF RADIATION EXPOSURES FROM LONG DURATION FLIGHTS AND REPEATED MISSIONS IN LOW DOSE LEVEL ENVIRONMENTS ...Altitude; Beta Particles; Military Personnel; Nuclear Warfare; Pilots; Radiation, Low Level; ...5.0704

THE EFFECTS OF RADIATIONS ON THE GENETIC SYSTEMS OF ORGANISMS IN RELATION TO THEIR PHYSICAL AND BIOCHEMICAL SYSTEMS ...Chemical Mutagenesis; Lethal Mutation; Physical Mutagenesis; Radiation Effects - Biological; ...5.0707

ELECTROPHYSIOLOGIC AND HISTOCHEMICAL STUDIES ON EFFECTS OF IONIZING RADIATION ON THE CENTRAL NERVOUS SYSTEM ...Rabbits; Radiation Chemistry -biophys.; Radiation Effects - Biological; Radiation Injury Prevention; ...5.0708

SOME INTERNAL AND EXTERNAL FACTORS WHICH DECREASE OR INCREASE THE SENSITIVITY AGAINST RADIATION ...Radiation Injury Prevention; Radiation Sensitivity -man; ...5.0709

THE EFFECTS OF X-IRRADIATION ON STEROID BIOTRANSFORMATIONS BY TESTICULAR TISSUE ...Cellular Biosynthesis; Mammals -nonspecific; Radiation; Radiation Sensitivity -man; Radiation, Whole Body; ...5.0716

FACTORS UNDERLYING IMPAIRMENT OF AMPHIBIAN LIMB REGENERATION & ALTERATION OF ENDOCRINE FUNCTION BY IONIZING RADIATION (ABBREV) ...Amphibians; ...5.0729

A STUDY OF FACTORS GOVERNING PLANT RADIOSENSITIVITY ...Chemical Mutagenesis; Physical Mutagenesis; Plants; Respiration; ...5.0733

RADIATION AND HUMAN SPERMATOGENESIS ...Radiation Effects - Biological; ...5.0741

METABOLISM AND EFFECTS OF RADIONUCLIDES IN FETUS AND YOUNG ...Cerium; Developmental Physiology; Muridae; Plutonium; Radiation Injury Prevention; Zinc; ...5.0744

TERRESTRIAL ANIMAL ECOLOGY ...Animal Productivity; Cricetidae -other; Environmental Ecology; Population Dynamics - general; Radiation Sensitivity -man; Rodentia -other; ...5.0745

INHALATION STUDIES - BIOCHEMICAL STUDIES ...Biochemical Analysis - Tissues; Cellular Biosynthesis; Muridae; Radiation; Radiation Effects - Biological; Respiratory Irritants, Inhaled; ...5.0749

GASTROINTESTINAL IRRADIATION STUDIES ...Caviidae; Digestive System - Human; Muridae; Rabbits; Radiation, Whole Body; Sus; ...5.0755

LOW LEVEL CHRONIC IRRADIATION OF SALMON ...Radiation Dose Studies-general; Radiation Effects - Man; Radiation, Low Level; Vertebrates Excl. Man; ...5.0759

EFFECT OF IONIZING RADIATION ON ISOLATED CELL NUCLEI ...Cell Injury and Autolysis; Permeability; Radiation; Radiation Carcinogenesis; Radiation Effects - Biological; ...5.0760

THE STUDY OF IRRADIATION EFFECTS ON THE HUMAN TESTIS - INCLUDING HISTOLOGIC, CHROMOSOMAL, AND HORMONAL ASPECTS ...Radiation Sensitivity -man; ...5.0761

EFFECTS OF IRRADIATION, TEMPERATURE AND OTHER ENVIRONMENTAL FACTORS ON SALMONID EMBRYOS ...Embryology -basic; Optical Properties of Water; Radiation Effects - Biological; Temperature (water); ...5.0763

GENETIC EFFECTS OF CUMULATIVE IRRADIATION IN RATS ...Lethal Mutation; Muridae; Physical Mutagenesis; Radiation Effects - Biological; ...5.0764

STUDIES ON THE EFFECT OF X-RAYS ON DNA SYNTHESIS IN POLYTENE CHROMOSOMES ...Cellular Biosynthesis; Cellular Metabolism - Controls; Cellular Repair Mechanisms; Hydrogen; Invertebrates; Physical Mutagenesis; Ultra Violet Radiation; ...5.0765

RADIATION EFFECT ON PROTEIN & NUCLEIC ACID METABOLISM ...Cancer; Cell Injury and Autolysis; Cellular Repair Mechanisms; Radiation Injury Prevention; ...5.0767

RADIOBIOLOGY OF NORTHERN FOREST COMMUNITIES ...Betulaceae; Deciduous Forests; Mammals -nonspecific; Microorganisms; Picea; Plants, Populus; Radiation Sensitivity -man; Vertebrates Excl. Man; ...5.0769

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Ionizing Radiation -see Rad.; Microorganisms; Protons; Radiation -see Specifics; Radioactive Isotopes; Yeasts -nonspecific; ...5.0775

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Cellular Viability; Ionizing Radiation -see Rad.; Protons; Radiation -see Specifics; Radiation Sensitivity -man; Radioactive Isotopes; ...5.0776

BIOPHYSICAL EXPERIMENTS WITH POSITIVE AND NEGATIVE PIONS ...Atomic Particle Accelerators; Dosimetry; Ionizing Radiation -see Rad.; Protons; Radiation -see Specifics; Radiation Effects - Biological; Radiation Penetration; ...5.0777

PRECIPITATION, AIR TEMPERATURES, SOIL MOISTURE, & GAMMA RADIATION, IN 68 MOJAVE & GREAT BASIN ECOSYSTEMS, NEVADA TEST SITE, 1962-70 (ABBREV) ...Air Pollution Sampling; Nevada; Population Dynamics -general; Precipitation Amount; Radioactive Pollution -ns; Soil Moisture; Temperature; ...5.0787

STUDIES OF ENDOGENOUS SULFHYDRYL GROUPS ...Cell Injury and Autolysis; Cellular Biosynthesis; Cellular Repair Mechanisms; Radiation; Radiation Sensitivity -man; Sulfhydryl Compounds; ...5.0792

RADIATION PROTECTION AND MEASUREMENT ...Disposal Methods; Food Contamination; Neutron -see Radiation; Particle Accelerators; Radiation Shielding; Radioactive Isotopes; Strontium; ...5.0868

THEORETICAL DOSIMETRY AND RADIOLOGICAL PHYSICS ...Beta Particles; Dosimetry; Nuclear Structure; Radiation Injury Prevention; Radiation Penetration; Radiation Shielding; Radioisotopes -nonspecific; ...5.0809

VISUAL CELLULAR STIMULATION BY HIGH ENERGY QUANTA ...Bacterial Exotoxins; Mammals -nonspecific; Radiation; Radiation Effects - Biological; ...5.0812

STUDIES IN THE USE OF IONIZING RADIATION AS STIMULI ...Beta Particles; Learning and Retention; Muridae; Psychology; Radiation Effects - Biological; Sensory & Perceptual Processes; ...5.0814

USE OF IONIZING RADIATIONS AS STIMULI ...Beta Particles; Cercopithecoidea; Muridae; Pigeon; Vertebrates Excl. Man; ...5.0815

TRACING RADIONUCLIDES IN HUMANS AND ANIMALS BY HELICAL SCANNING ...Body Isotope Burden; Mammals -nonspecific; Radiation Injury Prevention; Radioactive Hazard; ...5.0818

INSTRUMENTATION FOR IN VIVO DETERMINATION OF INSOLUBLE PLUTONIUM IN THE LUNG ...Alpha Particles; Instrumentation; Occupational Hazards; Plutonium; Radiologic Health; Respiratory Irritants, Inhaled; ...5.0822

RELATIVE BIOLOGICAL EFFECTIVENESS ...Invertebrates; Muridae; Plants; Radiation Effects - Biological; Radiation, Lethal Dose; Vertebrates Excl. Man; ...5.0828

DOSIMETRY ...Americum; Fast Neutrons; Ionizing Radiation -see Rad.; Muridae; Plutonium; Radiation Penetration; ...5.0830

PRACTICAL HIGH SENSITIVITY THERMOLUMINESCENT DOSIMETRY ...Dosimeters -see Dosimetry; Dosimetry; Ionizing Radiation -see Rad.; Plastics; Scintillation, Twinkle; ...5.0831

PHYSICAL AND BIOLOGICAL INVESTIGATIONS OF HIGH ENERGY RADIATION DIRECTED MAINLY TOWARD THERAPY ...Beta Particles; Cancer; Computer Methods -general; Facilities; Radiation Effects - Biological; Radiation Shielding; ...5.0833

DEVELOPMENT AND APPLICATION OF MULTICHANNEL SCANNING ...Canidae; Metabolism & Metab. Diseases; Radiation, Whole Body; Selenium; Whole Body; ...5.0835

PERCEPTION OF IONIZING RADIATION BY SENSORY SYSTEMS ...Biological Rhythms; Environmental Effects - Human; Radiation, Low Level; Sensory & Perceptual Processes; ...5.0840

ISOLATION OF A FACTOR PREVENTING X-RAY INDUCED LEUKEMIA ...Radiation Injury Prevention; ...5.0841

EVALUATION OF THERMOLUMINESCENT DOSIMETERS AS A HEALTH PHYSICS TOOL ...Cancer; Dosimetry; Occupational Hazards; Radiologic Health; ...5.0846

STUDIES ON ANTIRADIATION AGENTS ...Radiation; Radiation Injury Prevention; ...5.0847

THE MODULATION TRANSFER FUNCTION OF X-RAY SYSTEMS ...Mathematical Analysis; ...5.0850

RECOVERY PROCESSES IN AN AMEBOID CELL ...Biological Basis; Cellular Viability; Protozoa; Radiation; Ultra Violet Radiation; ...5.0855

RADIATION DOSIMETRY ...Beta Particles; Energy Conversion; Neutron -see Radiation; Radiation Sources -general; Scintillation Counting; Thermal Neutrons; ...5.0861

HIGH ALTITUDE RADIATION ENVIRONMENT STUDY ...Aerospace Studies; Air Occupation - Avocation; Aviation Medicine; Protons; Radioactivity; Spectrographic Techniques; ...5.0863

DOSIMETRY OF IONIZING RADIATION, RADIATION BIOPHYSICS AND RADIOBIOLOGY ...Alpha Particles; Biological Dosimetry; Commelinaceae; Dosimetry; Ionizing Radiation - see Rad.; Muridae; Plasmas; Radiation; Radiation Sources - general; ...5.0870

ENVIRONMENTAL RADIATION STUDIES ...Atomic Plants; Cosmic Rays; Dose Rate, Dose Fractionation; Dosimetry; Fluorine; Ionizing Radiation -see Rad.; Nuclear Reactors; Radiation, Low Level; Radioactive Isotopes; Radioactivity Studies - general; Water Pollution Sources; ...5.0881

CHEMICAL DOSIMETRY ...Detectors and Sensors; Instrumentation; Microwave and Radiofrequency; Polymerization; Radiolysis; ...5.0884

THE MEASUREMENT OF BIOLOGICAL DAMAGE AND ITS RELATIONSHIP TO 'IN-TISSUE' ENERGY ABSORPTION ...Dosimetry; Fast Neutrons; Ionizing Radiation -see Rad.; Iron; Muridae; Radiation Penetration; ...5.0888

INFLUENCE OF RADIATION QUALITY AND DOSE RATE ON EARLY AND LATE EFFECTS IN CELL-RENEWAL SYSTEMS IN THE MAMMAL ...Developmental Biology -general; Dose Rate, Dose Fractionation; Dosimetry; Fast Neutrons; Mammals - nonspecific; Neutron -see Radiation; Radiation; ...5.0891

IN-VIVO MEASUREMENT OF RADIONUCLIDES IN MAN ...Calcium; Metabolism and Biochemistry; Potassium; Radiologic Health; ...5.0894

IN VIVO MEASUREMENT OF RADIOACTIVE BODY BURDENS IN SELECTED POPULATIONS ...Cesium; Potassium; Radiation Effects - Man; Radiation, Whole Body; Radiologic Health; Zinc; ...5.0895

RELATIONSHIP OF PLOIDY, CHROMOSOME SIZE AND RADIOSENSITIVITY ...Cell Injury and Autolysis; Cobalt; Neutron -see Radiation; Pollens -see Air Pollution; Radiation injury Prevention; Radiation Sensitivity -man; ...5.0899

ENVIRONMENTAL BIOLOGY - METABOLISM AND PRODUCTION OF A FOREST ...Carbon; Photosynthesis; Plant Ecology - nonspecific; Plants; Quercus; Radioecology - Plants; ...5.0900

ROLE OF 2-DEOXYGLUCOSE AND OTHER METABOLIC INHIBITORS ON THE RADIATION SENSITIVITY OF CULTURED MAMMALIAN CELLS ...Cell Injury and Autolysis; Cellular Repair Mechanisms; Ionic Effect; Radiation; Radiation Sensitivity -man; ...5.0909

MERCAPTOCYCLOPROPYLAMINES RADIATION-PROTECTIVE AGENTS ...Muridae; Radiation; Radiation Injury Prevention; Sulfhydryl Compounds; ...5.0911

NAVY ENVIRONMENT - MEASUREMENT OF TISSUE DAMAGE IN NAVY PERSONNEL EXPOSED TO IONIZING RADIATION IN THE LINE OF DUTY ...Cell Injury and Autolysis; Ionizing Radiation -see Rad.; Occupational Hazards; Radioactive Hazard; ...5.0913

NUCLEAR MEDICINE AND SCANNING - INSTRUMENTATION ...Computer Methods -general; Monitoring Devices; Monitors and Automatic; Photography; Radiation, Whole Body; Whole Body; ...5.0923

RADIATION DOSIMETRY RESEARCH ...Alpha Particles; Detectors and Sensors; Fast Neutrons; Human Developmental Biology; Models (physical) of Anim.&man; Radiation Carcinogenesis; Radiologic Health; ...5.0924

HEALTH PHYSICS RESEARCH REACTOR AND MONOENERGETIC RADIATIONS FACILITY ...Dosimetry; Ionizing Radiation -see Rad.; Radiation Injury Prevention; Radioactive Hazard; Spectrographic Techniques; Van De Graaff Accelerator; ...5.0928

HUMAN CHROMOSOME ABERRATION YIELDS FOLLOWING CHRONIC RADIATION EXPOSURES ...Cesium; Radiation, Low Level; ...5.0927

RBE OF 60 MEV-PROTONS FOR LATE SOMATIC EFFECTS IN MICE ...Muridae; Radiation Effects - Biological; Radiation, Whole Body; Somatic Mutation; ...5.0930

CORRELATION OF DEPTH DOSE DISTRIBUTION PATTERNS WITH BIOLOGICAL EFFECTS IN SWINE FOR CO-60 GAMMA RAYS, 14 MEV NEUTRONS AND FISSION NEUTRONS ...Neutron -see Radiation; Sus; Vertebrates Excl. Man; ...5.0941

P-N JUNCTION DIODE DOSIMETRY WITH TEMPERATURE COMPENSATION ...Detectors; Dosimeters -see Dosimetry; Dosimetry; Electronic Components; ...5.0947

RADIATION SAFETY COMMITTEE (U-109) ...Fast Neutrons; Ionizing Radiation -see Rad.; Neutron -see Radiation; Radiation Injury Prevention; Radioactive Hazard; Radioisotopes -nonspecific; Radiologic Health; ...5.0950

INHALATION HAZARDS TO URANIUM MINERS - RADIOCHEMICAL STUDIES ...Aerosols; Mammals -nonspecific; Occupational Hazards; Radiation Injury Prevention; Radioactive Isotopes; Radium; Scintillation Counting; Spectrographic Techniques; ...5.0961

THE VALUE OF RADIOPROTECTIVE COMPOUNDS ...Muridae; Nuclear Radiation; Power Development; Radiation; Radiation Effects - Man; Radiation Injury Prevention; ...5.0965

STUDIES OF PROBLEMS RELATED TO CHEMICAL PROTECTION AGAINST RADIATION ...Muridae; Radiation Injury Prevention; ...5.0966

THE EFFECTS OF GRAVITY COMPENSATION, RADIATION AND MAGNETIC FIELDS ON LIVING ORGANISMS ...Developmental Biology -general; Radiation; Radiation Effects - Biological; Space Medicine - Exobiology; Ultrasonic -bioeffects; ...6.0067

Yugoslavia

CONTINUE STUDIES TO DETERMINE THE THRESHOLD AT WHICH LEAD AND MERCURY PRODUCE HEMATOLOGIC IMPAIRMENT ...Air Pollution; Air Pollution -see Specifics; Air Pollution Effects; Lead; Mercury; ...1.0342

PHYSICO-CHEMICAL PROCESSES AND IONIC STATES OF MICROCONSTITUENTS IN SEA WATER AND THEIR RELATION TO RADIOECOLOGY OF NORTH ADRIATIC ...Chelation & Complexing; Kinetics; Marine Environments; Mediterranean Sea; Radioactivity; Sea Water Chemistry; Water Chemistry; ...2.0460

THE FATE AND EFFECT OF HERBICIDES IN VEGETABLE CROPS ...Allium; Brassica Species; Cdas; Cyclic Organic Cpds. - (1 Or ; Foreign Agriculture; Nitrogen and Nitrogen Cpds.; Pesticide Evaluation; Pesticide Residues; Plant; Propachlor; Translocation; Vegetables; ...4.0528

INFLUENCE OF PESTICIDAL CHLORINATED HYDROCARBONS ON ADAPTATION MECHANISM IN POULTRY ...Chlorinated Hydrocarbons; DDT; Domestic Animals; Foreign Agriculture; Gallus Domesticus; ...4.0921

STUDY OF THRIPS TABACI, ITS BIOLOGY AND ECOLOGY, A VIRUS VECTOR ON TOBACCO ...Animal Life History Studies; Insect Resistance; Nicotiana; Pesticide Residue Analysis; Phenols; Population Dynamics -general; ...4.1134

Zinc

LEAD ISOTOPIC CHEMISTRY FOR POLLUTION RESEARCH ...Aerosols; Air Pollution Monitoring; Air Pollution-chemistry; Atmospheric Dynamics; Coal Research; Fuels; Industrial Wastes; Lead; Monitoring; Scrubbers; Waste Water -general; Water Standards & Baselines; ...1.0018

CONTINENTAL TRACE ELEMENT AIR POLLUTION IN HAWAII ...Activation Analysis; Air Pollution; Air Pollution Sampling; Antarctica; Atomic Absorption; Lead; Pacific Ocean; Trace Analysis; ...1.0138

FURNISHING NOTICE OF RESEARCH PROJECTS RELATIVE TO ALL BIOLOGICAL INFORMATION ...Air Pollution -see Specifics; Asbestos; Carbon Monoxide; Chlorine; Lead; Pollens - see Air Pollution; ...1.0193

EFFECTS OF FLUORIDES IN AIR, WATER, AND SOIL ON GROWTH, QUALITY, AND YIELDS OF TREE, FIELD, AND VEGETABLE CROPS ...Air - Water - Plant Relations; Aluminum; Fluorine; Gases; Mineral Nutrition; Soil Water Plant Relationships; ...1.0319

EFFECTS OF AIR POLLUTION ON A FOREST ECOSYSTEM ...Forest Environment -general; Industrial Pollution -general; Mixed Forest; Plant Productivity -general; Plant Response to Env. -ns; Plant Succession; Sulfur Dioxide; ...1.0373

HETEOGENEOUS REACTIONS IN AIR POLLUTION ...Adsorption; Air Pollution-chemistry; Corrosion, Deterioration; Nitrogen and Nitrogen Cpds.; Oxidation; ...1.0861

FATE OF HARMFUL METALS IN SOIL AND WATER SYSTEMS ...Absorption (incl. Adsorption); Chemical Effects; Formation Principles; Radioisotopes -nonspecific; Soil Microbiology; Water Pollutant Identification; Water Pollution Sources; ...2.0005

PATHWAYS OF TRACE ELEMENTS IN ARCTIC LAKE ECOSYSTEMS ...Analysis and Detection; Atomic Absorption; Chelation & Complexing; Dialysis; Isotope Tracer -see Tracers; Organic Water Properties; Photolysis; Spectrographic Techniques; Trace Element Analysis; Tracers; Water Cycle; ...2.0008

TRACE AND TRACER ELEMENTS IN GROUND WATER: PHASE III ...Arizona; Chemical Analysis (water); Groundwater;

Industrial Wastes; Lead; Natural Recharge; Soil Chemical Properties; Water Pollution Sources; ...2.0017

STUDY OF TRACES OF RADIOISOTOPE POLLUTANTS IN THE NORTH SEA AND THE SCHELDT ESTUARY ...Bacterial Pollutant Sources; Estuaries; Fish; Marine Animals; Marine Environments; Organics; Radioactivity; Trace Elements; ...2.0028

STUDY OF THE DISTRIBUTION OF RADIONUCLIDES IN THE OCEAN - FALLOUT DISTRIBUTIONS IN SELECTED MARINE ORGANISMS ...Activation Analysis; Cesium; Fish; Marine Animals; Radioactive Fallout; Radioactivity; Sea Water Sampling; ...2.0051

MEASUREMENT OF ELEMENTS DEPOSITED FROM ATMOSPHERE ...Aluminum; Chlorine; Fluorine; Iodine; Precipitation Gages; Rain; ...2.0097

THE IMPACT OF LEAD-ZINC MINING ON THE QUALITY AND ECOLOGY OF SURFACE WATERS IN SOUTHEAST MISSOURI ...Acid Mine Wastes; Analysis and Detection; Atomic Absorption; Contamination - Water; Lead; Mine Hydrology; Missouri; Pollution Effects -see Water; Water Pollution Effects; ...2.0226

KINETICS OF MICROBIOLOGICALLY MEDIATED TRANSFORMATIONS OF HEAVY METALS IN AQUATIC ENVIRONMENTS ...Acidity (water); Estuaries; Lakes; Mathematical Models; Mercury; ...2.0261

ACCUMULATION OF RADIOACTIVITY BY INVERTEBRATES ...Animal Behavioral Ecology; Animal Productivity; Atomic Plants; Commercial Fishing; Cooperative Studies; Ecological Effects; Energy Conversion; Fish Food Supply -other; Iodine; Iron; Marine Biology - General; Ostreidae (oyster); Pollution Effects - see Water; Water Pollution Sources; ...2.0280

THE ACCUMULATION OF FISSION PRODUCTS BY MARINE FISH AND SHELLFISH ...Animal Productivity; Aquatic Ecology - Animal; Contamination - Water; Environmental Physiology; Gramineae; Iron; Magnesium; Marine Animals; Marine Plants; Plant Food Chains; Radioactive Fallout-cf Fallout; Rubiaceae; Ruthenium; Salinity (water); Water Cycle; ...2.0281

CYCLING OF TRACE METALS IN THE ESTUARINE ENVIRONMENT ...Animal Productivity; Atomic Plants; Contamination - Water; Estuaries; Fish; Iron; Marine Animals; Pollution Effects -see Water; Radioactive Fallout-cf Fallout; Statistics; ...2.0283

SEDIMENT MINERALOGY ...Adsorption Capacity; Animal Productivity; Contamination - Water; Environmental Ecology; Marine Biology - General; Mineralogy; Ponds; Vertical Distribution; ...2.0284

CHEMISTRY OF MINERALIZED WATERS ...Arsenic; Bromine; Chlorine; Fluorine; Geology -general; Iodine; Origin; Water Quality -general; ...2.0311

ECOLOGICAL AND RADIOECOLOGICAL STUDIES IN THE COLUMBIA RIVER, THE ESTUARY AND THE ADJACENT PACIFIC OCEAN ...Adsorption; Animal Productivity; Aquatic Soils; Benthic Fauna; California; Columbia River; Estuaries; Fresh Water; Marine Animals; Marine Environments; Marine Photography- Television; Pacific Ocean; Radioactivity; Reactor Sites & Rad Waste; Scandium; Trace Elements; Water Analysis; ...2.0320

RADIONUCLIDE CYCLING IN NATURAL POPULATIONS OF AMPHIBIANS ...Amphibians; Aquatic Ecology - Animal; Contamination - Water; Iodine; Manganese; Water Cycle; ...2.0331

WATER QUALITY INVESTIGATIONS ON AGRICULTURAL WATERSHEDS IN THE NORTHEAST ...Acid Mine Drainage; Agricultural Runoff; Climates -general; Drainage; Farm Pond; Management (water); Northeast U. S.; Rain; Soil Chemical Properties; Soil Moisture; Water Pollutants - Path of; Water Quality - general; ...2.0349

RATES AND MECHANISMS OF BIOGEOCHEMICAL CYCLING PROCESSES OF THE COLUMBIA RIVER ...Animal Productivity; Atomic Plants; Columbia River; Energy Conversion; Fish; Periphyton; Phosphorus and Phosphorus Cpds; Water Pollution Sources; ...2.0420

CHEMICAL POLLUTANTS IN THE ESTUARINE ENVIRONMENT ...Analysis and Detection; Bioindicators; Chlorine; Contamination - Water; Mercury; Organic Matter; Pesticides -nonspecific; Population Dynamics -general; Water Pollutant Identification; ...2.0466

ANALYTICAL METHODS - WATER CHEMISTRY ...Analysis and Detection; Chromatography; Electroanalyses; Photometry; Trace Analysis; Water Pollutant Identification; ...2.0514

AN ECOLOGICAL STUDY OF THE LOWER HOUSATONIC RIVER - PHASE I - SURVEY OF THE CHEMICAL ASPECTS OF THE RIVER ...Alkalinity (water); Chemical Water Properties; Connecticut; Ecological Effects; Optical Properties of Water; Survey Studies (water); ...2.0523

TRACE ELEMENT ANALYSIS BY DIRECT DETERMINATION ON ION EXCHANGE RESINS ...Analysis and Detection; Ion Exchange; Salt Water; Water Quality -general; X-ray Spectroscopy; ...2.0554

PARTITION COEFFICIENTS FOR FE, MN, CO, NI, ZN, CU, BETWEEN RIVER WATER AND SUSPENDED LOAD ...Dissolved Load; Mineral Analysis; Sediments; Trace Element Analysis; Water Standards & Baselines; ...2.0590

WATER QUALITY MONITORING IN DISTRIBUTION SYSTEMS ...Analysis and Detection; Chemical Water Properties; Electrochemistry; Lead; Physical Water Properties; Trace Elements; Water Distribution Systems; Water Quality -general; ...2.0623

HEAVY METAL RESIDUES IN CHANNEL CATFISH FROM SELECTED WATERSHEDS IN NEBRASKA ...Aquatic Ecology - Animal Contamination - Water; Lead; Nebraska; Watersheds; ...2.0664

A FIVE YEAR LIMNOLOGICAL STUDY OF A NEWLY CREATED ACID MINE WATER IMPOUNDMENT ...Acid Mine Drainage; Alkalinity (water); Automatic Data Aquisition; Chemical Water Properties; Mine Drainage Control; Mineralogical Water Properties; Ohio; Water Properties -general; ...2.0733

AN INVESTIGATION OF ACID MINE DRAINAGE CHEMICAL POLLUTANTS USING LASER-RAMAN AND INFRARED SPECTROSCOPIES ...Acid Mine Wastes; Chemical Analysis (water); Infrared Spectroscopy; Mine Drainage Control; Raman Spectroscopy; ...2.0764

STUDY ON FLUORIDE CONCENTRATIONS IN TOOTH ENAMEL ...Aluminum; Fluoridation; Fluorine; Potable Water; Public Water Supply Reservoirs; Trace Elements; ...2.0907

LAND DISPOSAL OF DAIRY FARM WASTE ...Absorption (incl. Adsorption); Agricultural Runoff; Chemical Analysis -general; Farm Animal Wastes; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Soil Moisture; Soil Organic Content; Sprinkler Irrigation; Water Table; ...2.0994

WATER QUALITY CONTROL WITH SYNTHETIC POLYMERIC FLOCCULANTS - EFFECT OF MG, CA, CU, & ZN IONS ON BACTERIA & ALGAE (ABBREV) ...Additives; Bacterial Pollutant Sources; Flocculation; Sewage Treatment Plant; Waste Water Treatment -general; Water Quality Control -general; ...2.1206

EFFECT OF SURFACTANT MICELLES ON METAL ION REMOVAL BY FLOTATION FROM METALLURGICAL WASTEWATER ...Chemical Mechanisms & Kinetics; Flotation; Lead; Metal Processing Wastes; Surfactants -see Detergents; Ultrasonics; ...2.1327

METAL REMOVAL/RECOVERY FROM POLLUTED WATER BY COMPLEXATION WITH LINEAR POLYELECTROLYTES ...Chelation & Complexing; Chemical Treatment (water); Desalination; Industrial Wastes; Plastics; Waste Material Recovery; ...2.1352

CONTROL OF GEOTRICHUM CANDIDUM IN BIOLOGICAL WASTE TREATMENT ...Carbon; Coagulation; Fungal Pollutant Sources; Geotrichum; Sewage Lagoons; Waste Water Treatment - general; ...2.1410

CHRONIC EFFECTS OF HEAVY METALS ON FISH ...Animal Pharmacology; Contamination - Water; Lepomis Macrochirus; Percidae; Pollution Effects -see Water; Radioisotopes -nonspecific; ...2.1597

GEOCHEMICAL EFFECTS OF MINING POLLUTION ON THE STREAMS OF SOUTHEAST MISSOURI ...Adsorption; Aquatic Ecology - Animal; Atomic Absorption; Geochemical Analysis (water); Lead; Precipitation; Water Pollution Effects; Water Purification; ...2.1626

THE EFFECT OF TEMPERATURE AND CHEMICAL POLLUTANTS ON THE BEHAVIOR OF SEVERAL ESTURAINE ORGANISMS ...Animal Behavioral Ecology; Atomic Plants; Chemical Measurements (water); Chlorine; Delaware River; Effluents - Waste Water; Environmental Aspects; Estuaries; Invertebrate Physiology; Marine Animals; Temperature (water); Water Pollutant Identification; ...2.1648

TOXICITY OF SELECTED METALS TO CONDITIONED FISH ...Animal Behavioral Ecology; Behavior -vertebrate; Environmental Ecology; Fish; Pesticide Action on Animals; Pollution Effects - see Water; ...2.1669

COMPARATIVE TOXICITIES OF METALS TO ESTUARINE FISHES ...Aluminum Bioassays; Cyprinodontidae; Environmental Physiology; Industrial Wastes; Marine Animals; Toxic Substances; ...2.1701

HISTOPATHOLOGIC EFFECTS OF POLLUTANTS ON CELLS AND TISSUES OF MARINE INVERTEBRATES ...Clams; Crabs; Hippolyte; Lobsters; Marine Animals; Ostreidae (oyster); Physiological Effects; ...2.1705

THERMAL ENRICHMENT STUDIES ...Animal Behavioral Ecology; Animal Migration; Aquatic Ecology - Animal; Behavior -vertebrate; Ecological Effects; Environmental Physiology; Fresh Water; Mans Pollutional Activities; Model Studies; Pollution Effects -see Water; Temperature (water); Water Pollution Sources; ...2.1720

HEAVY METALS AND LOCOMOTION IN FISH ...Behavior -vertebrate; Data Processing Services; Fish; Mineralogical Water Properties; ...2.1730

AGRICULTURAL BENEFITS AND ENVIRONMENTAL CHANGES FROM USE OF ORGANIC WASTE ON FIELD CROPS ...Absorption (incl. Adsorption); Agricultural Studies - general; Contamination - Soil; Digestion; Glycine; Leaf Analysis; Nutrients; Sandy Soils -see Soil Type; Soil Chemical Properties; Zea Mays - Field Corn; ...3.0006

TREATMENT OF TAILINGS TO ENHANCE PLANT GROWTH AND PROMOTE STABILIZATION OF TAILINGS ...Bibliography; Lead; Mine Wastes; Mining Industry; Soil Amendments; Toxic Minerals; ...3.0043

WASTE COMPOSTS AS CHELATING AGENTS IN PLANT NUTRITION ...Absorption (incl. Adsorption); Chromatography; Mineral Nutrition; Soil - Crop Relationships; Waste Disposal on Soils; ...3.0091

CONSERVATION OF RESOURCES IN MUNICIPAL WASTE ...Brassica Species; Fertilizer Toxicity; Gesneriaceae; Lilium; Ornamentals; Phaseolus; Plant Waste Removal, Treatment; Roads & Highways -see Highways; Soil Amendments; Soil pH; Solanaceae; ...3.0359

RECOVERING AND REFINING SECONDARY METALS AND ALLOYS ...Chlorine; Constants; Distillation; Lead; Mercury; Metal Processing Wastes; Tin; ...3.0378

RECOVERY OF COPPER AND OTHER BASE METALS FROM COMPLEX METAL MIXTURES ...Coatings -see Materials; Colorimetric Methods; Disposal; Lead; Recoverable Materials; Waste Type; Xray Diffraction; ...3.0379

RECYCLING OF STEELMAKING FURNACE DUSTS ...Casting of Materials; Lead; Purity, Impurity; Recoverable Materials; Waste Type; ...3.0384

UTILIZATION OF PROCESSING WASTES AND SCRAP ...Industrial Wastes; Lead; Water Reuse; ...3.0385

BEHAVIOR OF PESTICIDES AND POLLUTANTS IN SOIL, WATER, AND PLANTS ...Agricultural Watersheds; Bromus; DDT; Environment Accumulation Rates; Forest Watersheds; Lead; Pesticide Application Rates; Pesticide Movement in Soils; Pesticide Residues; Plant Absorption -other; Soil Chemical Properties; Water Pollutants - Path of; ...4.0120

NEUTRALIZATION REACTIONS IN ACID SOIL AND CLAY SYSTEMS AND THEIR EFFECT ON PLANT GROWTH ...Atrazine; Clay Soils; Plant Tissue Analysis -chem.; Soil Chemical Properties; Soil pH; ...4.0122

RESPONSE OF RATS TO DIETS CONTAINING MULTIPESTICIDE COMPONENTS ...DDT; Muridae; Parathion; Pesticide Interaction -gen.; ...4.0615

PHYSIOLOGICAL RESPONSE OF FEMALE RATS AND OFFSPRING TO MULTI-INSECTICIDES AND MINERALS ...DDT; Dinitrophenol; Muridae; Pesticide Action on Animals; Toxicology, ...4.0616

MINERAL IMBALANCE IN BLUEGILLS EXPOSED TO MALATHION PESTICIDE-INDUCED MINERAL IMBALANCE IN FISH ...Laboratory Animals; Lepomis Macrochirus; Malathion; Pesticides -see Pesticide; Phosphorus and Phosphorus Cpds; ...4.0727

DEVELOPMENT AND APPLICATION OF QUANTITATIVE CELL CULTURE METHODS TO ENVIRONMENTAL PROBLEMS IN CHEMICAL TOXICOLOGY ...Bioassays; Cellular Viability; Hydrogen; Physiological Effects; Water Pollutant Identification; ...4.0840

COMPARATIVE EFFECTS OF WEED COMPETITION, HERBICIDES AND OTHER WEED CONTROL PRACTICES ON PLANT RESPONSE ...Absorption (incl. Adsorption); Agricultural Runoff; Amiben; Atrazine; Cyperaceae; Malvaceae; Other Agrostideae; Pesticide Application Rates; Pesticides Compatibility; Plant Competition; Sorghum; Trifluralin; ...4.0944

RESIDUES AND BREAKDOWN PRODUCTS OF CHEMICAL FUNGICIDES IN PECAN NUTS ...Carbon Disulfide; Chemical Analysis; Dodine; Fruit, Nut, and Berry Crops; ...4.1003

DEVELOP TECHNIQUES FOR DECONTAMINATING SOILS POLLUTED WITH RADIOACTIVE MATERIALS OR HEAVY METALS ...Bioindicators; Lead; Mineral Nutrition; Radiation Effects -see Rad.; Radioactive Contamination; Soil Chemical Properties; Zea Mays - Field Corn; ...5.0041

RADIATION PATHWAYS STUDIES ...Environmental Aspects; Hydrogen; Iodine; Nuclear Detonations; Radiation Injury Prevention; Radioactivity; Recovery - Production; ...5.0061

EFFECTS OF GAMMA RADIATION AND DIETARY DEFICIENCIES ON THE PLACENTAL TRANSFER OF MINERALS ...Bos; Copper; Iodine; Laboratory Animals; Muridae; Radiation Effects; Sus; X and Gamma Rays; ...5.0246

MECHANISM OF DIVALENT ION ABSORPTION ...Arsenic; Cobalt; Gallus Domesticus; Iron; Mercury; Whole Body; ...5.0256

MECHANISMS OF ION UPTAKE AND TRANSPORT BY ABOVE GROUND PLANT PARTS ...Absorption (incl. Adsorption); Calcium; Cellular Biosynthesis; Ion Transport and Elect. Pot.; Mineral Nutrition; Passive Transport, Diffusion; Radioactive Fallout-cf Fallout; Soil Temp. -non-specific; ...5.0409

ANIMAL METABOLISM OF FISSION PRODUCTS AND RELATED NUCLIDES ...Beta Particles; Calcium; Ovis; Radioactive Fallout-cf Fallout; Rumen Bacteria; Sus; Yttrium; ...5.0611

RADIOTOXICITY OF FISSION PRODUCT ELEMENTS ...Beta Particles; Injury -animal; Radiation Effects; Radioactive Pollution -ns; Vertebrates Excl. Man; Yttrium; ...5.0612

COLUMBIA RIVER STUDIES, 1970-1971 ...Atomic Plants; Columbia River; Energy Conversion; Ionizing Radiation -see Rad.; Ostreidae (oyster); Pollution Effects -see Water; Temperature (water); Water Pollution Sources; ...5.0762

BIOMEDICAL RESEARCH USING HUMAN WHOLE-BODY COUNTER ...Iron; Potassium; Whole Body; ...5.0778

STUDIES OF APPLICATIONS OF RADIOISOTOPES FOR PROCESS CONTROL AND POLLUTION ABATEMENT ...Coatings -see Materials; Isotope Tracer -see Tracers; Plating Wastes; Radioactive Isotopes; Reactors; ...5.0804

THE CYCLING OF MICRONUTRIENTS IN GEOCHEMICAL AND BIOLOGICAL SYSTEMS ...Absorption (incl. Adsorption); Medicago; Mineralogical Water Properties; Soil Chemical Properties; Translocation; ...5.0868

CONTROL OF ION CONTENT OF CELLS ...Active Transport; Cell Injury and Autolysis; Cellular Model Systems; Ionic Effect; Microorganisms; Potassium; Strontium; Zooplankton; ...5.0886

MECHANISMS OF ENVIRONMENTAL EXPOSURE ...Atomic Plants; Columbia River; Environmental Effects - Human; Radiologic Health; Washington; ...5.0958

INVESTIGATOR INDEX

Aaronson, S. -2.0686*
Abbiati, L.B. -3.0159
Abbott, B.C. -2.1493*
Abbott, D.C. -4.0494*
Abbott, U.K. -4.1001
Abbott, W. -2.0212*, 2.1052*
Abdullah, S.A. -5.0066
Abel, W.T. -1.0658*, 1.0659*
Abramson, H. -2.1130
Abushumays, I.K. -5.0825
Aceto, H. -5.0121, 5.0123, 5.0124, 5.0126
Aceto, N.C. -3.0305
Achey, P.M. -5.0244
Acton, J.D. -1.0281
Adair, M.H. -4.0044*, 4.0045*
Adam, J.R. -2.0133
Adamik, E.A. -5.0520
Adams, A.W. -2.0156*
Adams, B. -2.1821
Adams, C. -2.1350
Adams, C.E. -2.1417, 5.0046*, 5.0047*
Adams, D.A. -2.0713*, 2.1664*
Adams, D.F. -1.0156*, 1.0157, 1.0431
Adams, D.R. -5.0035
Adams, F.W. -1.0288*, 4.0980
Adams, G.D. -5.0572*
Adams, H.R. -6.0108
Adams, J.A. -4.0406*
Adams, K. -1.0209
Adams, L.M. -3.0341
Adams, M. -4.0634*, 4.0635*
Adams, M.S. -2.0857*
Adams, R.B. -5.0560
Adams, R.S. -4.0129*
Adams, W.E. -3.0368*
Adams, W.S. -2.0882
Adams, W.T. -2.0536*
Adamson, N.R. -3.0382
Adedipe, N.O. -1.0326
Adee, R.R. -2.1753
Adelstein, S.J. -5.0379*
Adkins, T.R. -4.0841*
Adkisson, C.W. -3.0050
Adrian, D.D. -2.1841*
Aft, H. -3.0277*
Aggus, L.R. -2.0961*
Agneessens, H. -2.0490
Agnew, A.F. -2.1927*
Agnew, R.W. -2.1456
Ahearn, D.G. -3.0025*
Ahlert, R.C. -2.1055*
Ahlquist, N.C. -1.0856
Ahlricks, J.L. -4.1026
Ahmed, N. -2.0225*
Ahrens, J.F. -2.0088*, 4.1012*
Ahuja, E.M. -5.0362
Ainsworth, E.J. -5.0278
Aitken, W.K. -6.0043
Akesson, N.B. -4.0012*, 4.0222*, 4.0554*
Akin, E.W. -2.0002*, 2.0463, 2.0467, 2.1145*
Akland, G. -1.0748*, 1.0749*, 1.0750*
Aksu, Y. -5.0708
Alan, J.J. -5.0218
Alban, E.K. -4.0437*, 4.0438*
Albert, R.E. -1.0230*, 1.0232, 5.0487*
Alberts, C. -2.0590
Albin, R.C. -3.0321
Albrecht, A.E. -2.1456
Albrecht, R.M. -1.0227*
Albright, J.L. -3.0138*
Albritton, R.C. -4.0388*
Albro, P. -4.0421
Albro, P.W. -4.0781*
Alcocer, A.E. -1.0004
Aleem, M.I. -2.0160*
Aleshin, E. -3.0128
Alexander, D.J. -2.0656
Alexander, G.V. -5.0012*
Alexander, J.D. -2.0130, 2.0134
Alexander, M. -2.0691*, 2.1065*, 4.0151*
Alexander, M.L. -5.0707*
Alexander, R.M. -3.0278*
Alexander, V. -2.0470*
Alger, G.R. -3.0189
Alikhanov, R. -5.0068
Allan, G.G. -3.0403*
Allan, J.J. -1.0651*
Allaway, W.H. -5.0868*
Allbruten, H.G. -4.0180*
Allcock, H.R. -1.0636*
Allen, H.E. -2.0189, 2.1587
Allen, H.J. -6.0008*
Allen, J. -2.1918
Allen, J.B. -2.1316*
Allen, J.L. -4.0903*, 4.0904*, 4.0905*
Allen, M. -5.0010
Allen, M.M. -2.0912*
Allen, P.B. -2.0313*
Allen, P.W. -1.0021*
Allen, R.J. -1.0011
Allen, S.H. -5.0473
Alley, H.P. -4.0201*, 4.0524, 4.0525
Allred, E.R. -3.0197
Allred, R.C. -2.1384*
Allsup, J.R. -1.0122*, 1.0125, 1.0620
Alrich, D. -1.0566
Altenburg, W.M. -2.1032
Alter, M. -2.1598*
Altland, P.D. -5.0359
Altman, J. -4.0245*, 5.0320*, 5.0321*
Altman, K.I. -5.0496*
Altmann, H. -2.0027*
Altwicker, E.R. -1.0747*
Alumot, E. -4.0621
Alverson, R.M. -2.0006*, 2.1147, 2.1785*
Alvesabre, M.D. -5.0101
Amberg, H. -3.0336*
Amdur, M.O. -1.0213*
Ames, B.N. -5.0773*
Amey, E.B. -3.0378
Ammerman, G.R. -4.0375
Amos, C.L. -2.0973
Amos, D.F. -3.0329*
Andersen, J.R. -2.0360*, 2.0361, 2.0362
Andersen, R.N. -4.0366*
Anderson, A. -2.1225
Anderson, A.C. -5.0128, 5.0133
Anderson, B.G. -2.0761*
Anderson, C.E. -2.1026, 3.0149
Anderson, D.A. -2.1492*
Anderson, D.H. -2.1427
Anderson, D.R. -2.1787
Anderson, E.C. -5.0460
Anderson, E.D. -1.0895
Anderson, G. -5.0853*
Anderson, G.C. -2.0423*, 2.1765
Anderson, G.K. -2.0118
Anderson, G.R. -2.0571*
Anderson, J.I. -5.0818*
Anderson, J.J. -5.0317*
Anderson, J.L. -2.1101, 4.0495, 4.0875*
Anderson, J.P. -4.0200
Anderson, M.P. -2.1918
Anderson, M.W. -2.0108*
Anderson, N.H. -3.0283
Anderson, R.B. -4.0630*
Anderson, R.E. -5.0450*, 5.0451*
Anderson, R.G. -2.0365
Anderson, R.S. -5.0400*
Anderson, W.P. -4.0148*
Andrade, H. -5.0100
Andrew, R.W. -2.1597*
Andrews, H.L. -5.0884*
Andrews, J.F. -2.0943*, 3.0308*
Anellis, A. -5.0391*
Angel, E. -2.0767*
Angelovic, J.W. -2.0281
Angino, E.E. -2.0155*, 2.0590*, 2.0591*
Angle, C.R. -1.0219
Anglin, J.H. -5.0573, 5.0574*
Angoso, M. -4.1112*
Anil, D. -5.0709
Annau, Z. -1.0208
Annis, P.J. -1.0559*
Anour, R. -2.1610*
Ansevin, A.T. -5.0694
Anspaugh, L.R. -1.0176*, 5.0004*, 5.0005*, 5.0010, 5.0141
Anthon, F.W. -4.1128*
Anthony, A. -2.1690*
Antoni, C.M. -3.0032
Antopol, W. -5.0325
Antunes, I.M. -5.0099, 5.0100
Apple, J. -1.0496
Apple, J.W. -4.0514*
Appleby, A.P. -4.0977*, 4.0980
Applegate, H.G. -1.0295*, 1.0423*, 4.0987*
Applegate, R.L. -4.0066*
Applegate, V.C. -2.1672*
Appleman, R.D. -3.0210*
Appling, J.W. -2.0802
Arch, A. -1.0532*
Archambeau, J.O. -5.0479*
Archer, P. -2.1799
Archer, T.E. -4.1002
Archer, V.E. -5.0044, 5.0207, 5.0423
Archuleta, R.F. -5.0471, 5.0867
Arends, L.G. -2.1513
Argaman, Y. -2.0875
Argyle, R.L. -4.0005*, 4.0006*, 4.0531*, 4.0532*
Arle, H.F. -4.0210*
Armour, H. -2.0615
Armstrong, D.E. -2.0436*, 2.0437*
Armstrong, J.G. -2.1432, 4.0695*, 4.0696*, 4.0721, 4.0740
Armstrong, J.M. -2.1854, 3.0190
Arn, H. -4.0407*, 4.0408*, 4.1079
Arn, S. -4.1080
Arnett, W.H. -4.0759*
Arnold, B.L. -4.0371*, 4.0372*, 4.0373*
Arnold, C.R. -2.1698*
Arnold, E.D. -5.0073
Arnold, E.L. -1.0835*
Aronson, G. -2.0179
Arthur, J.W. -4.0680
Artuz, I.M. -2.0392
Asai, R.I. -4.0087
Ashe, J.B. -5.0942*
Ashton, F.M. -4.0224
Ashton, R.M. -4.0223*
Ashworth, B. -2.1421
Ashworth, E.T. -2.0734
Aspinall, D.T. -6.0116
Asquith, D. -4.0981*
Astill, K.A. -1.0720

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Astin, T. -1.0209
Atherton, D.R. -5.0720, 5.0721, 5.0722, 5.0723, 5.0727, 5.0952
Atkins, E.L. -4.0561*, 4.0562*, 4.0931*
Atkins, H.L. -5.0897
Atkins, P.R. -2.1422, 4.0986*
Aue, W.A. -4.1063*, 4.1064*, 4.1065*
Auer, A.H. -1.0438
Auerbach, H. -5.0269, 5.0270
Auerbach, O. -5.0423*
Auerbach, S.F. -2.1720*
Auerbach, S.I. -2.0373*, 5.0629*
Auerbach, S.J. -5.0069*
Aufenkamp, D.D. -2.1897*
Augenstein, H.W. -3.0267*
Aukerman, R. -2.1827
Aulerich, R.J. -4.0663*, 4.0664*
Aurand, L.W. -4.0423*, 4.0424*
Auxier, J.A. -5.0924*, 5.0925*
Aver, P.L. -1.0448
Avery, C.J. -3.0074
Axel, B. -1.0669
Axley, J.H. -2.1287*
Axtell, R.C. -4.0059*
Ayers, J.C. -2.0191*
Ayers, K.C. -3.0315
Aynsley, E. -2.1002*
Ayoub, R. -5.0479
Ayres, S.M. -1.0234*
Ayyangar, K.M. -5.0839, 5.0856
Azarovitz, T. -2.0673*
Babb, R.G. -5.0437
Babcock, K.L. -5.0106*
Babcock, L.R. -1.0488*
Babcock, R.E. -2.1160*
Bach, W. -1.0409*
Bachmann, R.W. -2.0143*, 2.0144*
Bachvarov, N. -5.0002*
Bader, R.G. -2.1527*
Badgley, R.H. -6.0009*
Baer, C.H. -4.0581
Baetjer, A.M. -1.0208
Bagga, D.K. -4.0135*, 4.0378*
Bagshaw, M.A. -5.0169
Bahnick, D.A. -2.0459*
Baier, R.E. -2.0258
Bailey, G.W. -2.0111, 2.0886*
Bailey, J.W. -2.1171
Bailey, M.R. -1.0447
Baillod, C.R. -2.0638*, 3.0189*
Bainbridge, A.E. -2.0502*, 2.0503*
Bair, W.J. -5.0748
Baird, R.W. -2.0387*
Bajer, A.S. -5.0578*
Bakan, J. -4.0160*
Baker, A.R. -2.1329
Baker, A.S. -4.0195
Baker, B.E. -4.1008*
Baker, D.B. -2.0734*
Baker, D.E. -4.0167
Baker, D.G. -1.0067*, 1.0734*
Baker, D.J. -5.0713
Baker, J.H. -4.0122*
Baker, M. -2.1864*
Baker, N.F. -4.0555*
Baker, R.A. -2.0345*, 2.0758*
Baker, R.S. -4.0136, 4.0379*, 4.0385
Baker, R.V. -1.0653*
Balazs, R. -5.0321
Balchen, E.H. -3.0089*
Bale, W.F. -5.0885*
Balegno, H.F. -5.0606
Balicka, N. -4.0468
Ball, E.A. -1.0314*
Ball, G. -1.0065
Ball, R.C. -2.0634*, 2.1045*, 2.1590*, 4.0126
Ballan, R.H. -1.0597
Ballenger, J.J. -1.0199*
Ballou, J.E. -5.0735*, 5.0748, 5.0750, 5.0959
Balme, B.E. -2.0026
Balthazar, E.E. -4.0076
Baltz, E.H. -5.0029*
Baltzer, R.A. -2.1116*
Bamesberger, W.L. -1.0156
Banbury, E.E. -4.0313*
Bandal, S. -4.0999
Bane, J.D. -2.0882*
Banerji, S.K. -2.1522
Banfield, W.M. -1.0356*
Banks, H.O. -2.1192*
Banks, W.C. -5.0680*
Bannister, M. -2.1694
Banse, K. -2.0423, 2.0847*, 2.1765
Baptist, J.P. -2.0279*
Barber, S.A. -2.1013*
Barboorriak, J.J. -5.0966
Barbour, J.F. -3.0282
Barcinski, M.A. -5.0101*
Barfield, B.J. -2.1028*, 2.1280*
Barganz, R. -2.1457
Barker, G.L. -3.0200*
Barker, J.C. -2.1418
Barker, M. -2.1799
Barker, S. -2.1450*
Barkman, J.I. -2.1255
Barlow, J.P. -2.0262*, 2.0263*
Barlowe, R. -2.0197
Barnard, P.G. -3.0384*
Barnes, C.A. -2.1765*
Barnes, C.M. -1.0296*
Barnes, D.G. -2.1888*
Barnes, D.J. -5.0698*, 5.0699*, 5.0700*
Barnes, F.S. -5.0019*
Barnes, G.L. -4.0448
Barnes, H.M. -1.0751*, 1.0752*
Barnes, J.E. -5.0425*, 5.0427, 5.0434, 5.0435, 5.0442
Barnes, R.L. -1.0385*, 1.0496
Barnett, B. -1.0223
Barnett, R.L. -2.0006
Barnhart, B.J. -5.0455*, 5.0456*
Barnhart, E.L. -2.0919*
Baron, M. -5.0862*
Baron, N.J. -2.1856
Barr, H.T. -3.0152*, 4.0115*
Barraclough, J.T. -2.0569*, 2.1240*
Barrentine, B.F. -4.0132*, 4.0685*, 4.0686*
Barrentine, W.L. -4.0960*
Barrett, G.W. -4.0975*
Barrington, G.P. -4.0515*
Barsdate, R.J. -2.0008*
Bartels, P.G. -4.0211*, 6.0065*
Barth, E.F. -2.1363*
Bartha, R. -2.0248*, 3.0031*
Bartholomew, R.V. -5.0701*, 5.0944*
Bartlett, H.D. -3.0294*, 3.0295*, 3.0296*
Bartlett, P.D. -1.0891*
Bartlett, R.W. -1.0536*
Bartley, C.H. -2.1331
Bartley, T.R. -2.0060*, 2.0977*, 4.0018*
Bartman, F.L. -1.0725
Bartok, W. -1.0588*
Barton, F.W. -1.0197*
Barton, H.L. -5.0690*, 5.0691*
Barton, J.R. -2.1115
Bartsch, A.F. -2.0332*, 2.0333*, 2.0334*, 2.0338*
Bases, R.E. -5.0474*
Basmann, N.J. -5.0471, 5.0867
Bass, C. -2.1027*
Bassett, D.W. -5.0235*
Basu, D.K. -1.0906
Basu, P.K. -1.0186*
Bateman, J.L. -5.0486, 5.0515*, 5.0891*
Bateman, R. -2.1054
Bates, D.W. -3.0191
Bates, J. -2.1918
Bates, L.M. -5.0850
Batson, R.C. -2.1653*
Battista, S.P. -2.0185
Battistone, G.C. -5.0236*
Baucom, W.H. -1.0358*
Bauer, -2.1531
Bauer, H. -2.1310*
Bauer, H.H. -2.0598*
Bauer, S.H. -1.0897*
Baugh, J. -5.0048
Baul, B.B. -5.0388
Baum, J.W. -5.0892*, 5.0893*
Baumann, D.D. -2.1301
Baumann, E.R. -2.0585*, 2.0588, 2.0895*, 2.0896, 2.1269*
Baumgartner, D.J. -2.0335*, 2.1084*, 2.1085*
Baumiller, R.C. -5.0225*
Baur, J.P. -3.0326
Baxter, A.W. -2.0794
Baxter, D.H. -5.0473
Baxter, D.W. -5.0755
Baxter, G.T. -2.1940*
Baxter, K. -2.1432, 2.1433
Baxter, W.L. -4.0755
Bay, R.R. -2.0204*
Bayer, D.E. -4.0224*
Bayes, K.D. -1.0672*
Baylis, P. -2.0056
Baylis, R. -2.0961
Beall, S.E. -2.1721*
Bealmear, P.M. -5.0325
Beam, C.A. -5.0476*
Beamer, J.L. -5.0746
Beamer, P.D. -1.0202
Bean, E. -1.0629
Beard, R.R. -1.0182*
Beasley, C. -1.0491
Beasley, J.W. -5.0854*
Beasley, T.H. -2.0424*
Beasley, T.M. -2.0425*, 5.0087*
Beatley, J.C. -5.0147*, 5.0148*, 5.0787*
Beaty, J. -1.0093*
Beaumont, H.M. -5.0710*
Becher, J. -1.0852*
Beck, H.L. -5.0880, 5.0881
Beck, J.R. -2.1765
Beck, K.L. -5.0401*
Beck, L.A. -2.1176*
Beck, R.N. -5.0832
Becker, D.A. -2.0021, 2.1481*
Becker, K. -5.0924, 5.0925
Becker, R.W. -6.0069, 6.0070
Beckett, F.E. -2.0605
Beckman, H.F. -4.0556
Beckmann, R.B. -2.0171*, 2.0905
Bedford, J.S. -5.0624*
Beebe, R.C. -2.0133
Beeckmans, J.M. -1.0680*
Beer, C. -3.0225*
Beer, C.E. -2.0145*, 2.0146*, 2.1017*
Beer, J.Z. -5.0598
Beermann, P. -2.1154*
Beetem, W.A. -2.0062, 2.0075
Beetle, A.A. -2.1140*
Bega, R.V. -1.0308*
Behan, M.J. -2.1631*
Behrens, R. -4.0130*
Beischer, D.E. -5.0249*, 5.0250*
Belasich, J.J. -5.0426, 5.0428, 5.0430, 5.0431, 5.0434, 5.0436, 5.0442, 5.0445
Belding, J. -1.0449*
Belick, F. -2.1193*
Bell, A.T. -1.0863
Bell, D.K. -4.0290*
Bell, D.W. -6.0070
Bell, G.R. -3.0215*
Bell, J.M. -2.0583*
Bell, K.A. -1.0677
Bell, M.C. -2.1927, 5.0611*, 5.0656*, 5.0657*, 5.0658*, 5.0659*, 5.0675
Bell, M.S. -5.0612*
Bell, N. -3.0119
Bell, T.D. -4.0609*
Bell, W.B. -5.0869
Bell, W.E. -2.1399
Bella, D.A. -2.0317*, 2.0739*, 2.1675*
Bellack, E. -2.0902*
Bellar, T.A. -1.0753*
Belli, J.A. -5.0380*
Bellis, V.J. -2.0709*
Bellows, R.A. -4.0750*, 4.0751*
Beloin, N. -1.0386*, 1.0387*, 1.0754*
Bender, E. -6.0058*
Bender, M.E. -2.0192*, 2.1588*, 4.0662*
Bendixen, L.E. -2.0302, 4.0439*
Benedict, B.A. -2.0370, 2.0805, 2.0806
Benedict, W.H. -5.0638
Benesch, R. -1.0228*
Benesch, R.E. -1.0228
Beninson, D. -2.0014*, 5.0001*
Benjamin, M. -2.1350
Benjamin, S. -5.0427, 5.0435, 5.0436
Bennet, S. -2.1221, 2.1222
Bennett, B.G. -5.0881
Bennett, E.R. -2.1197
Bennett, G.D. -2.0922*
Bennett, H.D. -2.0430*, 2.1772
Bennett, J.H. -1.0430
Bennett, L.R. -5.0149*
Bennett, P.J. -2.0413

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Bennett, R. -2.0475
Benninghoff, W.S. -1.0216*
Benoit, R. -2.0084*
Benporath, M. -5.0835
Benson, A. -2.1771*, 2.1773
Benson, R. -3.0347
Bentley, P.A. -2.0178
Bentley, W.R. -2.1933, 3.0044*
Benton, D.A. -4.1039*
Benton, E. -5.0113
Bentsen, L.C. -2.1084
Benville, P.E. -4.0543, 4.0545
Berech, J. -5.0524
Berg, A.R. -4.0234
Berg, E.L. -2.1381
Berg, G. -2.0929*, 2.0930*
Berg, G.G. -5.0886*
Berg, J.W. -1.0485*
Berg, N. -5.0237*
Berg, R.W. -3.0193*
Berg, W.A. -2.0077*
Bergeman, H.G. -2.0258
Bergen, W.G. -4.0665*
Berger, B.B. -2.0906, 2.1039*, 2.1841, 2.1842*
Berger, D. -5.0585
Berger, M.J. -5.0368*, 5.0809*, 5.0873
Berger, R.S. -4.0202*, 4.0922*
Bergin, F.T. -3.0169
Bergin, M.J. -3.0024*
Bergman, E.L. -3.0399
Bergmann, E. -4.0948*
Bergofsky, E.H. -1.0231*
Bergstad, D. -2.1309
Bergstrom, R.E. -2.1006*
Berke, H.L. -5.0049*
Berkes, B.P. -5.0769
Berlin, C.I. -6.0084*
Berlin, J.D. -5.0697*
Berlyn, G.P. -5.0212*
Berman, D. -2.0930
Berman, M. -1.0329*
Bernard, S.R. -5.0926*
Bernhard, M. -2.0153*
Bernheim, F. -5.0550*
Berry, C.R. -1.0384*
Berry, E. -2.1589
Berry, E.X. -1.0072
Berteig, I. -2.1130
Bertine, K. -2.0028
Bertrand, R. -1.0738*
Besetti, T. -2.0896
Besley, H.E. -3.0216*, 3.0217*
Bess, H.A. -4.0605*
Bessis, M. -5.0255*
Bethlenfalvay, N. -5.0206
Betts, B.A. -3.0384
Betz, J.M. -3.0071
Beuscher, D. -3.0129
Bevenue, A. -4.0297*
Bevins, M. -2.1921*
Beyers, R.J. -5.0260
Bhagat, S.K. -2.0413, 2.0840*
Bhargava, G. -5.0766
Bhatki, K.S. -2.0194
Bhatt, R.C. -5.0839
Bibbens, R.N. -2.0880*
Bick, M. -4.0782*
Bickley, W.E. -4.0343*, 4.0354
Bien, G.S. -2.0505
Bienstock, D. -1.0133*, 1.0634, 3.0292
Bier, M. -2.0872*
Bieri, R. -2.0052
Biggar, J.W. -2.0030*, 2.0965*, 4.0086*
Biggs, R.B. -2.1575
Bigler, A.B. -2.1438*, 2.1924*
Billaud, V.A. -2.0009*
Billedeau, M.M. -1.0709
Billen, D. -5.0244*
Bills, D.D. -4.0450*, 4.1101*
Bilyard, G. -2.0609
Bing, A. -4.0418*
Bingham, E.C. -2.1417*
Bingham, S.W. -2.1118*, 4.0188*, 4.0501*
Biniek, J. -4.1013*
Binning, L. -4.0516*
Binns, W. -2.0399
Bird, A.W. -2.0873*
Birkhead, G.S. -2.1884*
Birkholz, N.J. -2.0471*
Biscaye, P. -2.0699
Bishop, A.A. -2.0395
Bishop, C.G. -2.0229
Bishop, D. -6.0026
Bishop, D.F. -2.1221*, 2.1222*
Bishop, D.W. -2.1827*
Bishop, G.W. -4.0300*
Biskis, B.O. -5.0274
Biswell, H.H. -1.0016
Bitman, J. -4.0636*
Black, A.P. -2.0884*
Black, G. -1.0034*
Black, H.S. -5.0692
Black, J.A. -2.1353
Black, P. -5.0358
Blackburn, C.R. -1.0169*
Blackburn, R.D. -4.0940*
Blacklaw, J.R. -2.1444
Blackman, R.R. -4.0591
Blackstone, J.H. -3.0057*
Blackwell, J. -6.0112*
Blahm, T.H. -2.1763
Blair, W.F. -1.0049
Blake, R.L. -3.0382
Blanc, D. -1.0698*
Blanchar, R.W. -2.1616*
Blanchard, B.J. -2.0738*
Blanchard, D.C. -1.0080*, 2.0257*
Blanchard, H.J. -2.1919
Blankennagel, R.K. -2.0075
Blanton, J.O. -2.1503*
Blaser, R.E. -2.0408*, 2.1742*
Blau, A.D. -4.0883
Blau, M. -5.0873
Blaylock, B.G. -5.0640
Bleich, G. -3.0231
Block, F.E. -3.0396*
Block, M.H. -5.0206*
Blodgett, J.E. -4.1135*
Blood, D.M. -2.1940
Bloodgood, D.E. -2.1266, 3.0139*
Blosser, H.G. -2.0196*
Blosser, R.O. -2.1676*
Blotcky, A.J. -5.0861*
Blue, D.D. -3.0390
Blum, J.L. -2.0868
Blum, S.L. -3.0128
Blumer, M. -2.1584
Blumer, T.N. -4.0424, 4.0797*
Blyholder, G.D. -1.0861*
Boalek, E.C. -2.1836*
Boardman, R.M. -2.1902
Boatman, E. -1.0304
Bock, F.G. -4.0405, 4.0968*, 4.1077*
Bock, J.M. -2.0258
Bodaine, L. -2.0749
Bodo, C. -2.1068
Body, D. -1.0388*
Boecker, B.B. -5.0426*, 5.0427*, 5.0428*, 5.0429*, 5.0430*, 5.0431*, 5.0441
Boegly, W.J. -3.0318*
Boersma, L.L. -2.0318*, 2.0319*
Boes, R.J. -2.0714*
Boesch, H.E. -5.0238*
Boettner, E.A. -1.0065*, 1.0723*
Bogan, D.C. -5.0883
Bogan, R.H. -2.1128
Bohart, G.E. -4.0876*
Bohlen, J.M. -4.0946*
Bohor, B.F. -1.0050
Boland, J.J. -2.1038
Bolch, W.E. -5.0031
Boldt, C. -2.0824
Boling, J.C. -4.1030*
Boling, J.M. -4.0166*
Bolsaitis, P. -3.0163
Bolt, J. -1.0724*
Bolt, J.A. -1.0582*, 1.0583*
Bolter, E.A. -2.0226*, 2.1322*, 2.1626*
Bolto, B.A. -2.1161
Bolukbasi, E.K. -5.0709
Bomkamp, M.J. -5.0557
Bon, C.K. -2.1307
Bonavida, B. -1.0178
Bond, H. -1.0498*
Bond, H.W. -4.0839*
Bond, L. -2.0606*
Bond, R.G. -3.0192*
Bond, T.E. -1.0309*, 3.0069*, 3.0209*
Bond, V.P. -5.0486, 5.0515, 5.0517, 5.0529, 5.0531, 5.0891
Bondi, A. -4.0621*
Bonduranl, B.L. -3.0265*
Bonham, H.F. -2.0244
Bonham, K. -5.0759
Boni, A.L. -5.0919*
Bonilla, M.G. -5.0015*
Bonner, W.P. -2.0374, 5.0076
Bonney, C.H. -5.0945*
Bonow, R.W. -3.0121
Booth, W.E. -1.0070*
Bootle, W. -2.0615
Borchardt, J.A. -2.0625*, 2.0913*
Borden, F.Y. -3.0040
Bordner, R. -2.0633
Borg, D.C. -5.0516*
Borkowski, -2.1531
Borland, W.M. -2.0061*
Bormann, F.H. -1.0049, 2.0087*
Born, J.L. -5.0112
Bornemisza, E. -5.0219
Borror, A.C. -2.0668*
Bortz, S.A. -3.0128
Boruff, C.S. -3.0126
Borzelleca, J.F. -1.0853*
Boschi, E. -2.0014
Bosik, J.J. -4.0650
Bostick, P.E. -5.0261
Boswell, R.S. -5.0145*
Botkin, D. -1.0335*
Bottazzi, E.M. -2.0154
Boucher, M.L. -3.0382
Bouchillon, C.W. -1.0068
Bouck, G.R. -3.0037*
Boughton, W.H. -2.0020
Bouldin, D.R. -2.0269, 4.0056
Bouma, A.H. -2.0818
Bouma, J. -2.1459
Bourget, L. -6.0024
Bourke, J.B. -4.0766, 4.1079*, 4.1080*
Bourne, M.C. -4.1081*
Bourodimos, E.L. -2.0249*
Bouse, L.F. -4.1116*
Boush, G.M. -2.0438*, 4.0075*, 4.0198*
Bouwer, H. -2.1152*
Boval, B.P. -2.0877
Bovard, K.P. -4.0889*, 4.0991*
Bovee, H.H. -1.0157, 1.0161
Bovey, R.W. -4.0182*
Bowen, V.T. -2.0187*, 2.0620*
Bowerman, F.R. -2.1490*
Bowers, C.E. -2.0646, 2.1048*
Bowie, A.J. -2.0215
Bowlanger, L.W. -4.0334*
Bowley, W. -2.1203
Bowlus, D.A. -1.0640
Bowman, D.H. -4.0380*
Bowman, M.C. -4.1020*, 4.1021*
Bowman, R.R. -5.0799*, 5.0800*
Bowman, V.S. -4.0980
Bowmer, K.H. -4.0011*
Boyd, H.A. -5.0051, 5.0432*, 5.0440, 5.0446, 5.0448, 5.0449
Boyd, J.C. -4.0964*
Boyd, J.H. -2.0721
Boyd, J.S. -3.0181*
Boyd, W.A. -2.0083*
Boyd, W.K. -3.0264
Boyd, W.L. -2.1200*
Boyer, N.H. -5.0583
Boylan, D.B. -2.1584
Boyle, J.R. -4.0517*, 4.0995*
Boyle, W.C. -2.0857, 2.1134*, 2.1457*, 2.1461, 3.0347*, 3.0350, 3.0356
Boyne, H.S. -1.0683*
Boysen, A. -3.0314*
Brabham, G. -2.1918
Bradbury, J.P. -2.0647
Bradley, A.E. -5.0780*
Bradley, E.B. -2.0599*
Bradley, J.R. -4.0661, 4.0425*
Bradley, R.A. -1.0878*
Bradley, R.L. -4.0909*, 4.0910*
Bradshaw, J.S. -2.1115
Brady, J.R. -6.0065
Braids, O.C. -2.0894, 3.0006
Brain, J.D. -1.0213
Brambel, C.E. -5.0324*

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Bramer, H.C. -2.1399*
Brandenburg, C.F. -3.0409
Brandom, W.F. -5.0207*
Brandt, W. -4.0792
Branica, M. -2.0460*
Branscomb, E.W. -5.0142
Brar, S.S. -5.0036*
Brashear, D.A. -2.0942
Brashier, C.K. -2.0364*
Brater, E.F. -2.0626*
Bratley, D.A. -2.1777*
Bratzler, L.J. -4.1046*
Brauhn, J.L. -4.0731
Braun, A.J. -4.0409*
Braun, R. -2.1918
Braunheim, S.T. -2.1792
Bray, B.A. -1.0228
Breese, W.P. -2.1678, 4.0825
Breglio, D.R. -5.0248*
Bregman, J.I. -2.1224
Brekke, J.E. -3.0117*
Breland, H.L. -2.0097*, 2.0544
Brenchley, D.L. -1.0053*
Brennan, E.G. -1.0365*, 1.0366*
Brenneis, H.J. -5.0479
Brenner, R.C. -2.1363
Brenner, T.E. -2.1351*
Brent, R.L. -5.0586*, 5.0587
Breslin, A.J. -5.0874*, 5.0875*, 5.0876*, 5.0877*
Bressler, G.O. -1.0416*, 3.0297*, 3.0399*
Brewer, J. -5.0267
Brewen, J.G. -4.0854*, 5.0736, 5.0927*, 5.0928*
Brewer, R.F. -1.0319*
Brewer, R.N. -1.0306*
Breysse, P. -1.0304
Brezner, J. -4.0057*
Brice, R.M. -2.0203
Bridger, G.P. -1.0208
Brier, G.W. -1.0022*
Briggs, G.A. -1.0146
Bright, R.C. -2.0647
Brightman, M. -5.0361
Brindley, W.A. -4.0877*
Brink, D.L. -3.0065*, 3.0066
Brinkhurst, R.O. -2.0057*, 2.0507*
Brittin, W.E. -2.1800*
Britton, W.M. -4.0597*
Brizzee, K.R. -5.0342*
Brock, J.R. -1.0915*
Brock, T.D. -2.1550*
Brocx, V.E. -2.1539*
Brocksen, R.W. -2.0495
Brodeur, J. -4.0572*
Brodie, H.L. -2.1287, 2.1288*, 3.0166
Brodsky, A. -5.0589, 5.0914*
Broecker, W.S. -1.0089*, 2.0698*, 2.0699*, 2.1067*
Brogdon, J. -4.0338
Broido, A. -1.0015, 1.0016
Brokaw, A.T. -2.0123*
Brombergerbarne, B. -1.0208
Brook, A.J. -2.1049*
Brook, T.S. -4.0688
Brooks, A.L. -5.0433*
Brooks, J.G. -2.0860
Brooks, M.R. -5.0469, 5.0470, 5.0867
Brooks, R.F. -4.0274*, 4.0276
Brosz, W.R. -2.1309*
Brower, F.M. -2.1307
Brower, G. -2.0478*
Brown, A.H. -2.1162*
Brown, C.J. -4.0748*
Brown, D.A. -4.0084
Brown, D.G. -5.0616, 5.0660*, 5.0661*, 5.0662*, 5.0663*, 5.0941
Brown, D.L. -3.0177*
Brown, D.M. -1.0445*
Brown, F.L. -2.1874*
Brown, G. -2.0453
Brown, G.C. -5.0702*
Brown, G.N. -5.0414*
Brown, G.W. -2.0740*, 2.0746, 2.1677*
Brown, J.D. -4.1017*
Brown, J.R. -2.0222, 4.0573*
Brown, L.D. -4.0666*
Brown, L.R. -2.0654*, 2.1417*, 2.1611*
Brown, M.G. -5.0750
Brown, R. -2.0938
Brown, R.A. -1.0739
Brown, R.D. -3.0330*
Brown, R.G. -2.1573*
Brown, R.I. -2.1176
Brown, R.M. -1.0091, 2.0623*
Brown, R.R. -2.1209*, 5.0758*
Brown, S.O. -5.0681*
Brown, S.R. -1.0643*
Browne, S. -2.1645*
Brownell, A.S. -5.0845*
Brownell, G.L. -5.0856*, 5.0873
Brubaker, P.E. -4.0783*
Bruce, A.K. -5.0478*
Bruce, A.L. -5.0785
Bruce, W.N. -4.0029, 4.0943*
Bruck, S.D. -2.1215*
Brudevold, F. -2.0907*
Bruenger, F.W. -5.0721, 5.0724
Brues, A.M. -5.0269*, 5.0270*
Brugman, H.H. -3.0376*
Brugsch, H.G. -1.0215
Bruhn, H.D. -2.1135*
Brum, C.O. -2.1786
Bruner, A.D. -5.0422
Brunett, L.E. -4.0333
Brunner, C.A. -2.1364*, 2.1380*, 2.1381*
Brunson, W.D. -4.0892*, 4.0893*, 4.0894*
Brusman, H.H. -4.0577
Brust, S. -3.0061, 3.0062, 3.0063
Brusven, M.A. -2.1542*, 2.1543*
Bryan, C.E. -2.1357*, 2.1358*
Bryan, E.H. -2.0288*
Bryan, K. -2.0508*
Bryant, B.S. -2.0957
Bryant, J. -1.0755*, 1.0756*, 1.0757*, 1.0758*
Bryant, M.P. -3.0131*
Bryant, W.K. -2.1859
Bryce, A. -2.1395
Bryce, G. -2.1504
Bryson, R.A. -1.0434*
Buchanan, E.B. -1.0703*
Buchanan, G.A. -4.0207
Buchanan, J. -2.1723, 5.0072
Buchauer, M.J. -1.0373
Buchele, W.F. -4.0111
Buck, J.D. -2.0987*
Buck, W.B. -4.0619*
Buckingham, R.A. -2.1711
Buckley, R.D. -1.0179, 1.0180
Buddenhagen, I.W. -1.0045*
Buech, R.R. -5.0769
Buehler, B.J. -2.1097*
Buell, M.F. -1.0076*
Buelow, P.W. -2.0927*
Buelow, R.W. -2.1094
Buettner, K.J. -1.0161
Bufalini, J.J. -1.0901*
Bugher, R.D. -2.1242, 3.0120
Buhler, D.R. -4.0818*, 4.0980
Bukovac, M.J. -4.0126, 4.0356*
Buigin, M. -5.0134
Bullock, R.C. -4.0262*
Bulow, F.J. -2.1714
Bunch, R.L. -2.0931*
Bunting, D.L. -2.1717*
Bunyard, F.L. -1.0450*, 1.0451*
Buras, N. -2.0589
Burbank, N.C. -2.1239, 2.1540
Burcham, D.P. -1.0678*, 1.0868*
Burchfield, H.P. -4.0624*
Burchinal, J.C. -3.0405
Burell, D.C. -2.0470
Burg, A. -2.0185
Burg, W.R. -1.0830
Burgess, F.J. -2.0741*, 2.0745, 2.1678*
Burgess, W.A. -1.0212, 1.0214
Burk, P.G. -5.0365
Burkart, W.F. -3.0018*
Burke, D.B. -2.1910*
Burke, F.G. -1.0192
Burke, G.W. -2.1814*
Burke, J.C. -2.0187
Burkhardt, C.C. -4.0521*
Burkhead, J. -2.1884
Burki, H.J. -5.0107*
Burki, J. -6.0066, 6.0067
Burks, S.L. -2.0316
Burmaas, F. -1.0759*
Burnett, W.E. -3.0232*
Burnham, T.W. -2.1135
Burnison, B.K. -2.0748
Burnison, K. -2.0323
Burnitt, S.C. -2.0808
Burns, G. -1.0020*
Burns, G.J. -2.0835*
Burns, J.W. -2.1496*, 2.1497*
Burnside, O.C. -4.0142*
Burris, R.H. -2.0439*, 2.1779*
Burrows, B.A. -5.0857
Burrows, R.E. -2.0838*
Burt, G.S. -4.0980
Burt, G.W. -2.0174, 4.0344*, 4.0345*, 4.0346*, 4.0351
Burton, C.A. -5.0009, 5.0783, 5.0784
Burton, I. -2.1799*
Burwell, E.L. -3.0408
Buscavage, J.J. -2.0347, 2.1393
Busch, P. -1.0880
Busch, R.A. -3.0340
Busch, R.H. -5.0955
Bush, A.F. -2.1180*
Bushong, S.C. -5.0691
Bustad, L.K. -5.0128*, 5.0129*, 5.0130*, 5.0131*, 5.0132*, 5.0133*, 5.0134*
Butchbaker, A.F. -3.0272*, 3.0273*
Butcher, J.W. -4.0126, 4.0358, 4.0667*
Butler, P.A. -4.1014*
Butler, R.L. -2.0762*, 2.1691*
Butler, W.T. -5.0092
Butterfield, B.A. -2.1176
Button, D.K. -2.1475*
Butts, T.A. -2.0129, 2.0892*
Buzzell, T. -3.0214
Byers, G. -3.0150
Byfield, J.E. -5.0149, 5.0150*
Byfield, P. -5.0150
Byrne, A.R. -4.0998
Byrne, J.V. -2.0742*
Byrne, P. -5.0711
Cabeia, E. -2.0027
Cabelli, V.J. -2.0781*, 2.0782*, 2.0783, 2.0784, 2.0940*
Cabraldealmeida, J.C. -5.0101
Cade, T.J. -4.0767*
Cahill, D.F. -5.0045*
Cahill, E. -2.1868
Cahill, G. -1.0726*
Caillet, G. -2.1501
Cain, J.D. -4.0375
Cairns, J. -2.1119*, 2.1743*, 2.1744*, 2.1745*
Caja, J. -2.0630
Calabrese, T.A. -3.0345*
Calabrese, A. -2.1516
Calamari, T.A. -2.1283*
Calaway, W.T. -3.0108*
Calder, K.L. -1.0499*
Caldwell, H.S. -3.0378*, 3.0379*
Caldwell, R.L. -4.0212*
Caldwell, R.S. -4.0980
Callahan, L.M. -4.0481*
Callaway, R.J. -2.1085
Callihan, C.D. -3.0373*
Calloway, D.H. -5.0774*
Calpouzos, L. -4.0367*
Caltagirone, L.E. -4.0546*
Calvert, C.C. -3.0377*
Calvert, D.V. -2.1227*
Calvert, J.G. -1.0908*
Calvert, S. -1.0538*
Calvin, L.D. -4.0980
Cameron, C.C. -3.0365*
Cameron, J.R. -5.0964*
Campani, P. -1.0846
Campbell, G. -2.0919
Campbell, H.J. -2.1681
Campbell, I.R. -2.0932*
Campbell, J.C. -1.0367*, 4.0396*
Campbell, R.L. -4.0809*
Campbell, R.S. -2.1617*, 2.1619
Campbell, R.W. -4.0315*
Campbell, T.T. -3.0396
Campbell, W.J. -3.0379
Camper, N.D. -4.0842*
Cancella, S.D. -5.0387
Cancio, D. -2.0014
Cannon, G.A. -2.1765
Cannon, H.L. -2.1505*, 5.0203*

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Cannon, O.S. -1.0426*
Capel, S.W. -4.0622*
Caplan, R.I. -2.1353
Capp, J.P. -3.0341
Carawan, R.E. -2.1890
Carcich, I.G. -2.1343, 3.0226*
Cardarelli, J.A. -5.0857*
Care, R.R. -2.1394
Caretto, L.S. -1.0005
Carey, A.G. -2.0320
Carey, R.B. -1.0561*
Carlin, F. -4.0308*
Carline, R.F. -2.1778*
Carlson, C. -1.0364
Carlson, C.A. -2.1649
Carlson, C.W. -4.1131*
Carlson, D.A. -2.0956*, 2.1447*
Carlson, F.P. -2.0956
Carlson, J.S. -2.0477
Carlson, L.D. -5.0130
Carlson, R.F. -2.0012, 2.0472
Carlson, R.V. -2.0748
Carlton, W.W. -4.0615*, 4.0616*
Carney, J.C. -2.0973
Carnuth, W. -1.0044
Carpenter, H.C. -3.0408*
Carpenter, J. -2.0973
Carpenter, R. -2.1765
Carpenter, W. -4.0357*
Carr, H.A. -2.0618*
Carr, J. -2.0190*
Carr, J.F. -2.0189*, 2.0624, 2.1587*, 4.0661, 4.1045
Carr, R. -1.0005
Carr, W.F. -3.0346*
Carrol, B.B. -2.0800*
Carroll, D.E. -4.0424
Carroll, H.B. -1.0127
Carroll, T.E. -5.0062
Carry, C.L. -2.0879, 2.1186, 3.0075
Carson, J.E. -1.0046*, 1.0344*
Carson, M.J. -5.0484*
Carsten, A.L. -5.0358, 5.0361, 5.0517*, 5.0518*, 5.0519*, 5.0530
Carstensen, E.L. -6.0098*
Carswell, J.K. -2.0928*
Carter, D.L. -2.0120*, 2.0121*
Carter, M. -4.0203*
Carter, M.W. -5.0050*
Carter, P. -2.0396
Carter, R.C. -2.0488
Carter, R.V. -2.0874
Carter, R.W. -5.0817
Cartwright, K. -2.1006
Caruccio, F.T. -2.0938
Carver, R.E. -2.0112*
Carvey, F.E. -5.0086
Casarett, A.P. -5.0480
Casarett, G.W. -5.0497*, 5.0506
Case, L. -1.0201
Case, O.P. -2.1208*
Casetti, E. -2.0721
Casey, A. -5.0681
Casgrave, M.F. -3.0169
Casben, R. -2.1350
Casida, J.E. -4.0547* 4.0548*, 4.0926*, 4.0927*, 4.0999*
Caskey, J.A. -2.1440*
Cassen, B. -5.0151*
Cassidy, M.E. -5.0878
Castellfranco, P.A. -4.0225*
Castle, E.N. -4.0980
Castleman, B.W. -5.0253
Castro, C.E. -4.0229*
Catanco, R. -2.0133
Cathey, J.R. -2.0882
Cause, E.M. -1.0299
Caveness, W.F. -5.0358*, 5.0519
Cavin, L.M. -2.1557
Cavness, D. -2.1919
Cavonius, R. -5.0357*
Cawley, W.A. -2.1373
Cefalu, R. -2.0547
Cervik, J. -1.0630*
Chaddock, J.B. -6.0062
Chadwick, D.G. -1.0152
Chadwick, G.G. -2.0328, 2.1685
Chaffey, J.T. -5.0382
Chahal, K.S. -2.0468*
Chakrabarti, S.K. -2.1256
Chalupnik, J.D. -6.0053*
Chamberlain, C.E. -2.0759, 2.1401, 2.1402
Chamberlain, N.V. -2.0402
Chambers, A.Y. -4.0479*, 4.0480
Chambers, C.W. -2.0931
Chambers, D.H. -3.0378
Champagne, D. -1.0836*
Champlin, R.L. -2.0869*
Chan, L.M. -2.0553
Chan, S.H. -1.0742*
Chanana, A.D. -5.0520*
Chand, R. -1.0838*
Chandler, D.C. -2.0191, 2.0193*, 2.0627*, 2.1851*
Chandler, L. -2.0139*
Chandler, R.H. -2.0050, 2.0051, 2.0504
Chaney, J.E. -3.0333
Chang, C.W. -1.0351
Chang, L.P. -2.1693
Chang, M.C. -5.0396*
Chang, P. -1.0155
Chang, P.W. -2.0780
Chang, S.L. -2.0715*, 2.0930
Chang, Y.C. -2.1021
Changnon, S.A. -1.0346*, 1.0347
Chao, T.T. -2.0511*
Chaplin, J.F. -4.0970*, 4.1088*, 4.1089*
Chapman, A.B. -5.0764*
Chapman, C.R. -2.0384
Chapman, D.W. -2.1544*, 2.1545*
Chapman, I.V. -5.0711*
Chapman, R.K. -4.0911*
Chapman, S. -1.0896*
Chapman, W.H. -5.0143
Charleston, D.B. -5.0832*
Charlson, R.J. -1.0432*, 1.0856*
Charlton, D.E. -5.0797*
Charnetsky, W.A. -4.0200
Charters, A.C. -2.1502
Chaskes, S. -5.0626
Chatters, R.M. -2.0412*
Cheka, J.S. -5.0924
Chen, J.W. -3.0119*
Chen, T. -2.1261
Chen, T.S. -1.0002
Chenet, G. -2.0028
Cheng, C. -5.0602*
Cheng, E. -4.0681
Cheng, F.H. -5.0326
Cheng, H.H. -4.0192*, 4.0193*
Cheng, S. -1.0083
Chermack, E.E. -2.0697*
Cherms, F.I. -4.0912*
Chernoff, N. -4.0784*
Cherry, J.H. -5.0322*
Chertok, R.J. -5.0136*, 5.0137*
Chesnin, L. 2.1053, 3.0008
Chester, C.V. -5.0070*
Chester, G. -4.1131
Chester, R.O. -5.0070
Chesters, G. -2.0445, 2.0858*, 2.0862, 4.0199*, 4.0518
Chiba, K. -5.0844
Chiffelle, T.L. -5.0426, 5.0428, 5.0431
Chilcote, D.O. -1.0623*
Childers, W. -4.0029
Childress, J.J. -4.0570*
Childs, D.P. -4.1127*
Childs, R.E. -2.1231*
Chiller, J. -5.0178
Chilton, C. -1.0472*
Chindgren, C.J. -3.0401*
Chinitz, W. -1.0083*
Chipman, J. -1.0728
Chiriboga, J. -5.0600*
Chittenden, M.E. -2.1641
Chiu, T.H. -2.1390
Chong, C. -5.0107
Chopra, N.M. -4.0422*
Chow, A.H. -1.0228
Chow, F. -2.1605
Chow, T.J. -1.0018*, 2.0049*
Chowdhury, A. -5.0581
Chrisp, C. -5.0134
Christenberry, K.W. -5.0636, 5.0638, 5.0930
Christensen, E.A. -5.0026*
Christensen, G.M. -2.0639*, 5.0760
Christensen, W.R. -5.0723, 5.0954
Christian, E.A. -1.0355*, 2.0175*
Christianson, A.G. -2.0337
Christianson, J.L. -2.1555*
Christman, C.L. -6.0082
Christman, R.F. -2.1447
Christmas, J.Y. -2.0210*
Chu, C.S. -2.1098
Chu, E.H. -5.0630*
Chu, N.Y. -5.0883
Chua, K.E. -2.0057
Chung, N.E. -2.0347
Chung, R.A. -2.0468, 4.0533*
Church, B.D. -2.1309
Churchill, C. -2.0365*
Churchill, M.A. -2.1096*, 2.1711*, 2.1712*, 2.1713*
Churg, J. -1.0226
Cialone, J.C. -4.0398
Cibes, H.R. -4.0470*, 4.0471*
Claborn, H.V. -4.1124*, 4.1125*
Claeys, R.R. -4.0827, 4.0980
Clapp, J.L. -2.0857
Clapp, N.K. -5.0930
Clark, -6.0026*
Clark, G. -4.0810*
Clark, G.M. -5.0194*
Clark, M.E. -2.1495
Clark, O.D. -2.1901*
Clark, R.C. -2.1762
Clark, R.H. -2.1323*
Clark, R.I. -3.0074*
Clark, S.E. -3.0061*, 3.0062*, 3.0063*
Clark, W.A. -3.0332*
Clark, W.E. -1.0731, 3.0318
Clarke, D.E. -6.0108
Clarke, F.E. -2.0991*
Clarke, F.R. -6.0069, 6.0070
Clarke, J. -1.0760*, 1.0761*, 1.0762*
Clarke, R.M. -2.1433
Clarke, W.D. -2.0053
Clarke, W.J. -5.0955*
Clary, P.L. -5.0748, 5.0750, 5.0959
Clausen, G.S. -2.1834
Clayton, B. -2.1918
Clayton, C.N. -4.0426*
Clayton, G.D. -1.0201, 5.0835
Clayton, J.E. -3.0107
Clayton, J.T. -3.0168*
Cleary, E.J. -2.0714
Cleasby, J.L. -2.0896
Cleaver, J.E. -5.0791*
Clegg, B.R. -5.0785
Clements, J.B. -1.0763*, 1.0764*
Clements, R.G. -2.0768*
Clemmer, G. -2.0654
Cleseri, L.S. -2.0275, 3.0250
Cleseri, N.L. -2.0703*, 2.0704*
Cleveland, J.G. -2.0531
Clothier, W.D. -2.0335
Clower, D.F. -4.1037*
Cluff, C.B. -2.1155*
Coahran, D.R. -4.1129*
Coakley, J.P. -2.0976
Coates, N.H. -1.0660*
Coberly, J.C. -5.0817
Cochran, A.A. -3.0206*
Cochran, B.J. -4.0035*
Cochrane, J.J. -2.0179*, 2.0180*, 2.0615*, 2.0908*, 2.1581*
Coggins, C.W. -4.0237
Cogswell, H.L. -3.0070*
Cohen, A.I. -2.0533
Cohen, B. -5.0349*
Cohen, G. -5.0495*
Cohen, J.M. -2.0718, 2.1366, 2.1371, 3.0260, 3.0261
Cohen, K.M. -1.0889
Cohen, L. -5.0815
Cohen, L.A. -1.0091
Cohen, L.D. -1.0910
Cohen, S.D. -4.0656
Cohen, S.H. -5.0894*
Cohn, M.M. -3.0244
Cohn, S.H. -5.0521*, 5.0895*, 5.0896*, 5.0897
Cohn, V.H. -4.0584
Colavito, L. -1.0383
Cole, A. -5.0694*
Cole, A.W. -4.0133*, 4.0374*
Cole, C. -2.1918, 2.1919*

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Cole, C.F. -4.0653*, 4.0654*
Cole, E.R. -3.0385
Cole, G.L. -1.0441*, 2.1213
Cole, R. -5.0127*
Colella, A.R. -3.0248
Coleman, N.L. -2.0215
Coletta, M. -5.0329
Collins, A.G. -2.0311*, 2.0312*
Collins, F.A. -1.0452*, 1.0453*
Collins, J.A. -5.0794*
Collins, M.W. -2.1815*
Collins, N.E. -3.0099*
Collins, R.P. -2.0525*, 2.0526*, 2.0527*
Collins, R.T. -1.0011
Collins, V.P. -5.0690
Collins, W. -1.0627
Collins, W.E. -6.0104*
Collinson, C. -2.0131
Colman, J.P. -1.0866*
Colon, J.I. -5.0600
Colvin, D.P. -6.0084
Colwell, R.R. -2.0532*
Colwick, R.F. -3.0199*
Comar, C.L. -1.0448*, 5.0053*, 5.0054, 5.0480*, 5.0481*, 5.0482*, 5.0483
Combs, B.D. -2.0838
Compton, C.C. -4.1074*
Comstock, G.W. -1.0207*
Conard, R.A. -5.0515, 5.0522*, 5.0523
Conboy, B.M. -3.0190*
Cone, W.W. -4.0895*
Conger, A.D. -5.0583*
Conger, B.V. -5.0613*, 5.0664*
Conkle, J.P. -1.0300*
Connell, C.H. -2.1429*
Conner, W. -1.0765*, 1.0766*, 1.0767*
Conover, W.R. -5.0618
Conrad, E.T. -2.0967
Conrad, R.A. -5.0523*
Constantin, M.J. -5.0613, 5.0664, 5.0665*
Converse, J. -3.0348*
Convery, J.J. -2.1365*
Conway, R.A. -2.0851*
Coogan, P.S. -5.0299*
Cook, D.I. -6.0037*
Cook, D.W. -2.0651*
Cook, E.E. -3.0274*
Cook, E.S. -5.0557
Cook, G.L. -1.0664, 2.1464, 3.0409
Cook, J.S. -5.0631*
Cook, M.J. -5.0632*
Cook, R. -6.0078*
Cook, R.E. -4.0806*
Cook, R.K. -6.0005*
Cook, R.M. -4.0668*, 4.0669*, 4.0670*, 4.0671*
Cook, T.M. -2.0171, 2.1036*
Cook, W.B. -2.0931
Cook, W.L. -2.0700*
Cooke, D.D. -1.0381
Cooke, G.D. -2.0729*, 2.0730*
Cookson, J.T. -2.0904*
Cooley, A.M. -2.1360
Cooley, N.R. -4.0590*
Cooper, E.L. -2.1690, 2.1691
Cooper, G.P. -5.0558*
Cooper, G.R. -4.0337
Cooper, J.A. -5.0961, 5.0963
Cooper, M.F. -5.0138
Cooper, P. -5.0943
Cooper, R.C. -2.1167*
Cooper, R.W. -1.0043*
Copeland, B.J. -2.0290*
Copeland, J. -1.0500*
Copeland, W.C. -6.0047
Copp, H.D. -2.0841*, 2.0842
Coppage, D.L. -2.0546*
Coppe, A. -2.0028
Coppolino, J. -1.0419
Corbett, D.M. -2.0582
Corbett, R.G. -2.0431*, 2.0852*
Corbin, F.T. -4.0154*, 4.0427*
Corcoran, E.F. -4.0022*
Cordes, R. -2.1169
Cording, J.J. -3.0305
Corlett, R.C. -1.0161*, 1.0163
Corn, M. -1.0290*
Cornelius, J. -1.0872
Cornell, R.G. -1.0878
Cornette, J.C. -4.0587*
Cornfield, D.B. -3.0175*
Cornfield, J. -1.0291*
Correll, D.L. -5.0234
Corrin, M.L. -1.0188*
Corrsin, S. -2.1035*
Corry, P.M. -5.0694
Corson, D.R. -3.0340
Corwine, J.W. -2.0228
Cory, R.M. -1.0874
Cosenza, B. -3.0096
Cosenza, J.P. -2.1187*
Cosgrove, G.E. -5.0633*, 5.0634*, 5.0636, 5.0638, 5.0647, 5.0654
Cosper, H.R. -2.1861*
Costello, R.C. -1.0083
Cothern, C.R. -2.0727*
Cottam, G. -2.1135
Cottier, G.J. -3.0358*
Cottier, H. -5.0520, 5.0537
Cotzias, G.C. -2.0276*
Couch, D.E. -3.0390
Coughlin, R.E. -2.1904*
Coughlin, R.W. -1.0625*, 2.0936*
Coulson, D.M. -4.0014, 4.1003
Coulson, K.L. -1.0310*, 4.0012
Coulston, F. -2.1875*, 5.0473
Courtnay, W.R. -2.1524
Courtney, K.D. -4.0785*, 4.0786*, 4.0794
Cousineau, G.H. -5.0191*
Coutant, C.C. -2.1720, 2.1723, 2.1758
Coutis, H.J. -3.0061, 3.0062, 3.0063
Coutu, L.L. -5.0798*
Cowan, W.C. -3.0022*
Cown, W.B. -1.0548
Cowser, K.E. -2.1105*
Cox, F.W. -1.0126
Cox, J.A. -2.0575*
Cox, S.H. -5.0456
Crabtree, G. -4.0451*
Crabtree, K.T. -3.0356*
Crackel, W.C. -5.0317
Craft, T.F. -2.0887*, 2.0888, 2.1233*, 3.0114
Cragle, R.G. -5.0612, 5.0766
Craig, D.K. -5.0747, 5.0750, 5.0754, 5.0959
Craig, H. -2.0502
Craig, P.H. -5.0054, 5.0481, 5.0566
Craig, R.C. -3.0053*
Crall, J.M. -4.0279*
Cramer, C.D. -3.0348
Cramer, C.O. -3.0352
Crampton, N. -3.0120
Crance, J.H. -2.0462*
Cranch, E.T. -2.0688*
Crane, C.R. -4.0811*, 4.0812*
Crane, G.C. -1.0599*
Cravens, J.W. -2.0656
Crawford, H.R. -2.1432*, 2.1433*
Crawford, L. -1.0914*
Crawford, S. -4.0035
Creaser, E.P. -2.1567*
Creger, C.R. -4.0857*
Creighton, T. -2.1918
Crews, C.R. -4.0560
Crews, E. -5.0628
Cristofano, E.A. -2.0061
Cristy, G.A. -5.0929*
Crittenden, B. -1.0149
Crockett, S.P. -4.0371, 4.0372, 4.0373
Croker, R.A. -2.0669*
Cromroy, H.L. -5.0811*
Cronin, L.E. -2.1840
Cronk, G.E. -2.1671*
Cronkite, E.P. -5.0520, 5.0531
Crook, G. -2.0739
Crooks, W.R. -4.0980
Crookshank, H.R. -4.0858*, 4.0859*
Cropsey, M.G. -3.0279*
Crosby, D.G. -4.0556*, 4.1001
Crosby, J.W. -2.0842*
Crosier, W.F. -4.0410*, 4.0411*
Cross, C.E. -1.0171*, 1.0172*, 4.0124
Cross, F.A. -2.0283
Cross, F.B. -2.0592, 2.1557*
Cross, G. -2.1313
Cross, O.E. -2.1053*, 3.0008*, 3.0009
Cross, W. -5.0793*
Crossan, D.F. -4.0255
Crowley, D.A. -2.0551*, 5.0816*
Crowwhite, W.M. -2.1890*
Croxton, C.B. -4.0891*
Crow, W.C. -5.0369*
Crowell, C.W. -4.0394*
Crozier, R. -1.0543*
Crutchfield, J.A. -2.1929*
Crutchfield, J.C. -2.1927
Crynack, R. -1.0627
Crynes, B.L. -1.0129*
Csallany, A.S. -1.0202*
Cuddeback, J.E. -1.0830
Cuddihy, R.G. -5.0434*, 5.0436, 5.0438, 5.0440, 5.0441, 5.0447
Culkowski, W.M. -1.0144, 1.0145
Cullen, T.L. -5.0099*, 5.0100*, 5.0772*
Cumberland, J.H. -2.1289*
Cumming, K.B. -2.1746*, 2.1747*
Cumming, R.B. -5.0635*
Cummings, K.B. -2.0409*, 2.0410*
Cummings, R.E. -2.1466
Cummings, T.F. -2.0125
Cummins, H. -5.0288
Cunningham, B.A. -4.1031*
Cuppett, D.G. -3.0344*
Curby, W.A. -2.0613*, 2.0614*
Curl, E.A. -4.0077*, 4.0078*, 4.0923*
Curl, H. -2.1675
Curlin, J.W. -2.0374
Curran, R.F. -2.1413*
Currier, R.A. -3.0277, 3.0397*
Currin, R.E. -4.0476*
Curtin, G.C. -1.0330*
Curtis, H.J. -5.0524*
Curtis, S.B. -5.0113, 5.0775*, 5.0776*, 5.0777
Curtis, W.R. -2.0351
Cushing, C.E. -2.0414*, 2.0420, 2.1752*
Cutkomp, L.K. -4.0681*, 4.0682*
Cutler, H.G. -4.0295
Cutler, R.G. -5.0524
Cutshall, N. -2.0320*, 2.0743*
Cvancara, A.M. -2.1667*
Cwik, T. -5.0916
Czapowskyj, M.M. -2.0351
Czerwonka, O.R. -5.0846*
Cziki, Z. -5.0068
Daellenbach, C.B. -3.0382
Dafonseca, L.G. -5.0101
Dahl, B.W. -3.0333*
Dahlberg, M. -2.1537*
Dahlman, R.C. -5.0075, 5.0652
Dahlsten, D.L. -4.0549*, 4.0550*
Dahm, P.A. -4.0947*
Daines, R.H. -1.0368*, 1.0369*
Dajani, J.S. -2.1820
Dale, A.C. -3.0140*, 3.0141*
Dale, P.J. -2.0574, 5.0275
Dale, S. -4.0421, 4.0793
Dalen, H. -5.0114
Dall, B.V. -2.1403
Dallacqua, F. -5.0381
Dalli, O. -5.0797
Dalrymple, G.V. -5.0094*, 5.0095*
Damaso, C.J. -5.0402
Dambach, C.A. -2.0722
Daminov, D. -5.0102
Damotta, L.C. -5.0599
Dana, G.F. -3.0408
Dana, M. -4.0516
Dana, M.T. -2.0415*
Dando, R. -2.1350
Danhof, C.H. -3.0048*
Daniel, C. -4.0005
Daniel, C.P. -5.0261
Daniel, J.C. -5.0019
Daniell, J.W. -4.0285*
Daniels, D.G. -2.1756
Daniels, M. -5.0576*
Daniels, N.E. -4.1115*
Danielson, L.L. -4.0189*, 4.0306*, 4.0528*
Dannenberg, R.O. -3.0402*
Dantzman, C.L. -2.0544*
Darden, E.B. -5.0636*, 5.0637*, 5.0638*, 5.0647, 5.0653, 5.0654, 5.0930*
Darezzo, A.J. -2.0814
Darley, E.F. -1.0015*, 1.0016*, 1.0320*
Darroch, G. -2.1730
Darrow, D.K. -2.0247
Darwin, C.S. -2.0050, 2.0051, 2.0504
Das, G.D. -5.0320, 5.0321

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Dasgupta, T.K. -5.0301*
Dasilvahorta, J. -5.0599*
Dasmann, R.F. -2.1809*
Date, H. -6.0032*
Dauer, M. -5.0247
Dave, R. -3.0180
Davenport, J.W. -5.0766
Davey, C.B. -3.0252*
Davey, R.J. -4.0637*
David, E.L. -2.1932, 2.1933, 2.1934
David, G. -2.0159*
David, L.G. -2.0660
Davidson, B. -2.1055, 2.1335*
Davidson, O.W. -1.0590*
Davidson, R.S. -5.0062*
Davidson, W.H. -2.0351
Davies, F.F. -4.0446*, 4.0447*
Davies, R.E. -5.0585
Davies, R.W. -5.0713
Davis, A.C. -4.0412*
Davis, B.K. -5.0396
Davis, C.R. -2.1487
Davis, D.E. -2.1467*, 4.0204*, 4.0205*
Davis, D.R. -1.0342
Davis, D.W. -4.0878*, 4.0879*, 4.0880*
Davis, E.M. -2.0812
Davis, F.S. -4.0183
Davis, G. -2.0351*
Davis, G.E. -2.1685, 2.1686, 4.0980
Davis, G.J. -2.1659*
Davis, H.C. -2.1516*, 2.1843
Davis, J. -2.1748*
Davis, J.E. -6.0069
Davis, J.W. -2.0312
Davis, L. -1.0874
Davis, L.B. -4.0691
Davis, P.A. -1.0674*
Davis, P.N. -2.1930*, 2.1931*, 2.1932, 2.1933, 4.0901
Davis, R.E. -5.0842*
Davis, R.F. -4.0648*
Davis, S.A. -3.0076*
Davis, T.R. -2.0185*
Davis, W.B. -2.0531, 2.0817*, 2.1424*
Davis, W.E. -1.0158*
Davis, W.S. -2.1835
Davison, J. -5.0764
Davison, K.L. -4.0803
Davison, S. -2.1604*
Daw, H. -5.0771
Dawes, J.H. -2.1824*
Dawson, E. -4.0338*
Dawson, W.W. -5.0812*
Day, A.D. -3.0047*
Day , B.E. -4.0230*, 4.0236, 4.0237, 4.0240
Day, C.L. -4.0050*
Day, D.E. -2.1325
Day, D.L. -3.0132*
Day, H.J. -2.0346*
Day, W.J. -2.0924*
Dealy, J. -1.0501*
Dean, C.E. -1.0342*
Dean, D. -2.0609*, 2.1569*
Dean, H.A. -4.0071*
Dean, K.C. -3.0327, 3.0328, 3.0401
Dean, P.N. -5.0052, 5.0457*, 5.0460
Dean, R.B. -2.1368, 2.1370, 3.0259
Dean, R.W. -4.0765*
Deane, D.D. -4.0522*, 4.0997*
Debeauchamp, R.L. -3.0391
Deben, W.A. -2.0335
Debler, W.R. -2.1044*
Deboice, J.N. -2.0488
Debraal, P. -2.1931
Decook, K.J. -2.0019, 2.1155
Decora, A.W. -3.0409*
Decoursey, P.J. -2.1709
Deering, R.A. -5.0594*
Desrisble, R. -5.0192*
Defanti, J. -2.1091
Defeo, J. -2.1091*
Defrain, L.E. -6.0036
Degraff, B.A. -1.0916*
Degroot, J.J. -3.0231*
Deguzman, J.S. -1.0906
Dehn, J.T. -1.0887*
Dehn, R.L. -4.0930
Deichmann, W.B. -2.1528*, 4.0592*
Deitch, D. -5.0049
Deiterman, L.H. -5.0947*
Dekreteer, D.M. -5.0761
Delak, M. -4.0921*
Delaeue, R.E. -2.1182*, 2.1795*, 3.0073*
Delaniorreserva, D. -5.0608*
Dell, J.D. -1.0161
Dellarosa, R.J. -5.0134
Delogu, O.E. -2.1838*
Delorge, J.O. -5.0251*
Delphendahl, J. -2.1837
Delrosario, A. -1.0004
Deluise, F.J. -2.0919*
Delvalle, L.A. -2..409*
Demas, P.P. -1.0888*
Demeter, J.J. -1.0634, 3.0292
Demint, R.J. -4.0017
Demoine, C.F. -5.0522
Demonte, A. -1.0074
Demott, B.J. -4.0849*, 4.0850*
Dempsey, J.A. -1.0305*
Demski, R.J. -1.0133
Dence, C.W. -2.0702*, 4.0058*
Dendy, F.E. -2.0213*
Denisen, E.L. -4.0308, 4.0309*
Denn, M.M. -2.1210*
Dennis, W.S. -5.0213
Denny, R.W. -1.0889
Denson, D. -1.0880
Dent, J. -5.0729*
Denton, C. -4.0636
Depape, D. -2.1196
Dequasie, H.L. -1.0153
Derezinski, S. -1.0582
Derksen, W.L. -5.0373*, 5.0374*
Dermetj, M. -4.0998
Deroche, S.E. -4.0631*
Derr, V.E. -1.0327*, 1.0685
Derrington, C.F. -2.0655*
Derse, P.H. -4.0918*
Desaedeleer, G. -2.0028
Deters, L. -1.0282
Dethier, B.E. -1.0378*
Deubert, K.H. -4.0123*, 4.0124*
Deul, M. -1.0630
Deurbrouck, A.W. -1.0631*
Deutsch, M. -2.0539*
Devellis, J. -5.0152*
Devlin, P. -2.0344
Dewey, A.W. -3.0096
Dewey, W.C. -5.0208*, 5.0209
Dewitt, F.A. -2.1501
Deyoannes, A.M. -2.1314
Dicello, J.F. -5.0870
Dick, R.I. -2.0973, 2.1255*, 2.1256*, 2.1548*
Dickas, A.B. -2.0459
Dickerson, R.C. -1.0094*, 1.0454*, 1.0502*
Dickert, T. -2.1904
Dickey, H.C. -3.0376
Dickey, H.P. -2.0592
Dickey, P.A. -2.1083*
Dickson, C.R. -5.0035
Diener, R.A. -2.0383
Dienstbier, Z. -5.0805*
Diesch, S.L. -3.0197
Dieter, M.P. -5.0359
Dillard, G.E. -2.0596
Dilley, D.R. -4.1047*
Dilley, J.V. -5.0749, 5.0960
Dillman, T.L. -5.0873
Dills, G. -2.0469
Diluzio, N.R. -5.0343*
Diment, W.H. -2.0701*
Dimitriades, B. -1.0126, 1.0127
Dimmick, R.W. -4.1113*
Dimond, A.E. -2.0088
Dimond, J.B. -4.0632*, 4.0633*
Dindal, D.L. -4.0974, 4.1085*
Dingle, A.N. -2.0194*
Dingman, S.L. -2.1868
Dinius, R.H. -2.1141
Dinneen, G.U. -1.0664, 2.1464, 2.1465, 2.1466, 3.0357, 3.0408, 3.0409, 3.0410
Dion, N.P. -2.0570*
Dipert, M.H. -5.0295
Directo, L.S. -2.0665
Dirks, R.A. -1.0438
Disko, M.D. -2.0694*
Disney, G. -4.0851
Distefano, V. -5.0887*
Ditero, D.M. -2.1646
Ditri, F.M. -2.0635, 2.1303*
Ditsworth, G.R. -2.1084, 2.1085
Dixon, F.J. -5.0178*
Dixon, J.K. -2.1206*
Dixon, P.S. -2.1177
Dixon, R.M. -2.1918
Dixon, W.R. -2.1902
Djordjevic, B. -5.0493
Dobbins, W.E. -3.0224
Dobbs, R.A. -2.1366*
Dobrovolny, E. -2.1801*
Dobson, E.L. -5.0110, 5.0111
Dobson, R.C. -3.0140, 3.0142*
Dobson, R.L. -5.0138*
Dochinger, L.S. -1.0412*
Dockter, L. -3.0408
Dodd, A.E. -1.0151, 1.0850
Dodge, D.E. -2.0396
Dodson, M.L. -5.0213
Dogger, J.R. -4.0434*
Doherty, D.G. -5.0931*
Doicetti, G. -1.0866
Dollarhide, N. -5.0132, 5.0134
Dombrowski, C.S. -5.0894
Domey, W.R. -2.0181*, 2.0909*, 3.0170*, 3.0171*
Domingue, B. -5.0677
Domm, B.M. -1.0282
Donaldson, C. -1.0077*
Donaldson, J.R. -2.0744*
Donaldson, L.R. -5.0759*
Donaldson, W.E. -4.0798*
Dondero, N.C. -2.0264*, 2.1345*, 3.0233*
Doneen, L.D. -2.0030, 2.0031*
Donnellan, J.E. -5.0639*
Donnelly, R.J. -1.0624*
Donsky, E. -2.0680*
Donta, S. -5.0398
Doody, E. -2.0802
Doolittle, D.P. -5.0323*
Dorfman, R. -2.1847*, 2.1905
Dornbush, J.N. -2.0360, 2.0361*, 2.0362*
Dorough, H.W. -4.0860*, 4.0861*, 4.1034*, 4.1117*
Dorris, T.C. -2.0315*, 2.0316*
Dost, F.N. -4.0818
Dotson, G. -2.0059
Doty, S.B. -5.0350*
Dotzenko, A. -4.0246*
Doudney, C.O. -5.0067*
Doudoroff, P. -2.0328, 2.1678, 2.1679*, 2.1685, 2.1686, 4.0825
Dougal, A.L. -2.1433
Dougherty, J.H. -5.0718*, 5.0719, 5.0723, 5.0954
Dougherty, T.F. -5.0719*, 5.0723, 5.0953, 5.0954
Doughty, C.C. -4.0504*
Doughty, W.E. -5.0450
Douglas, J.R. -4.0555
Douglas, L.A. -2.0250*
Douglass, I.B. -1.0058*
Dow, R.L. -2.1567
Dowd, R.E. -2.1787
Dowlearn, T.B. -1.0079
Dowler, C.C. -4.0097, 4.0293
Downey, G.T. -2.0721
Downing, L.J. -2.1856
Doxtader, K.G. -4.0019*
Doxiding, J.F. -5.0458*
Loucup, P.A. -2.0492
Drake, C.L. -2.1278
Drake, G.A. -5.0459
Draper, H.H. -1.0202
Dratz, A.F. -5.0817*
Drayson, S.R. -1.0725*
Draznin, N. -5.0949*
Dregne, H.E. -2.0683*
Drehmel, D.C. -1.0600*
Dresnack, R. -2.1643*
Drewry, G.E. -2.0768
Drewry, W.A. -2.0946*
Drissel, J.C. -2.0255*
Drosthansen, W. -2.1529*
Druckman, D. -2.1243
Drummond, D.B. -1.0419
Drummond, R.O. -4.0869*
Dryden, J.R. -1.0664

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Dube, M.A. -2.1749*
Dubey, H.D. -4.0169*
Dubois, K.P. -4.0613*, 5.0307
Duce, R.A. -1.0137*, 1.0138*
Ducsy, F.D. -2.1174, 2.1787
Dudek, R.A. -1.0298*
Duerr, F.G. -2.0296*
Duffer, W.R. -2.0735*, 2.0736, 2.1080*, 2.1081
Dufour, A.P. -2.0781, 2.0783*
Dugan, P.R. -2.0300, 2.0301, 2.0723, 2.0724, 2.0933*
Duggan, G. -1.0095*
Dugger, W.M. -1.0321, 1.0322
Duick, J.M. -4.0457
Duke, H.R. -2.0[illegible]*
Duke, E.D. -[illegible].0476
Duke, T.W. -2.0281, 2.0284, 2.0705*
Duke, W.B. -4.1083*
Dul, E.F. -3.0230
Dullnig, M.J. -1.0223*
Dumas, W.T. -4.0001*, 4.0002*
Dunagin, P.E. -5.0091
Dunaway, P.B. -5.0634, 5.0640*
Duncan, J.P. -[illegible].0619
Dunc[illegible]orth, D.L. -[illegible].0173*
Dunham, V. -5.0322
Dunigan, E.P. -4.0950*
Dunlap, W.J. -2.0736*, 2.0737*
Dunn, F. -6.0081*, 6.0082*
Dunn, H.O. -5.0766
Dunn, J.H. -4.0390
Dunning, B.W. -3.0378
Dunning, J. -1.0403
Dunning, M. -4.0303*
Dunsmore, D.A. -2.0714
Dunst, R.C. -2.1133
Dunstan, G.H. -2.0413, 2.0842
Duplessis, L.A. -2.0415, 2.0417
Dupree, C. -1.0004
Dupree, H.K. -4.0005, 4.0006, 4.0531, 4.0532
Durand, J.B. -2.1870
Durant, C.J. -2.0116
Durant, J. -2.1537
Durbin, P.W. -5.0108*
Durfor, C.N. -2.0922
Durham, L. -2.0576*
Durley, K. -2.1478*
Dutt, G.R. -2.0017*, 2.0474, 2.0513, 4.0081*, 4.0082*
Duvall, A.J. -6.0090
Duxbury, A.C. -2.1765
Dvoracek, M.J. -2.1430*
Dworsky, L.B. -2.1878*
Dyer, E. -2.1693
Dyer, M.I. -2.1579*
Dynes, R.R. -2.1895*
Dysart, B.C. -2.1912*
Eagle, R.J. -2.0425, 5.0087
Eagleson, P.S. -2.0619*
Eaks, I.L. -4.0231
Earnest, R.D. -4.0542*, 4.0543*, 4.0544*, 4.0545*
Eastin, E.F. -4.0485*
Ebadi, M.S. -1.0219
Ebbers, R.W. -5.0946*
Ebeling, A.W. -2.1501*
Ebeling, E.J. -5.0320, 5.0321
Eberhardt, L.L. -5.0082*, 5.0736*
Ebine, H. -3.0372*
Eby, H.J. -2.1291
Eccleston, B.H. -1.0123*, 1.0125
Eccleston, D.B. -1.0122
Eccleston, D.E. -1.0620
Echelberger, H.E. -6.0099*
Echo, J.B. -5.0035
Eck, J.S. -4.0320
Eckelman, C.A. -3.0370*
Eckels, R.P. -2.0883*
Eckenfelder, W.W. -2.0531
Eckert, J.W. -4.0089, 4.0231*
Eckstein, M.E. -1.0483*
Edds, G.T. -4.0588
Eddy, H.A. -5.0506
Edelsack, E. -5.0354
Eden, G. -2.0827*
Edgerton, L.J. -4.1084*
Edinger, J.E. -2.1644
Edmond, J.M. -2.0186*
Edmondson, W.T. -2.0426*, 2.0848*
Edwards, C.L. -5.0922*
Edwards, D.M. -2.0237*
Edwards, H.M. -5.0256*
Edwards, H.W. -1.0189*, 1.0540*
Edwards, K. -2.1287
Edwards, V.H. -2.0921*
Edwards, W.E. -3.0404
Edwardson, J.R. -5.0245*
Egana, E. -5.0200*
Egbert, D. -2.0593
Egley, G.H. -4.0158*
Eichhaus, G.G. -2.0888*, 3.0114*
Eiev, D.D. -2.0572, 2.1241
Eigger, A.W. -2.1649*
Eisenbud, M. -5.0871*
Eisenhauer, R.A. -2.1249*
Eisenlohr, H. -5.0938
Eisenreich, W. -2.0027
Eisenstein, E.M. -5.0407
Eisenman, F.M. -2.1940
Eisler, R. -2.1699*, 2.1700*, 2.1701*
Eitel, M.J. -3.0309
Ekern, P.C. -2.0562*
Ekren, E.B. -5.0020*
Elbayoumi, A. -5.0407
Eldakhakhny, A. -1.0302
Elder, J.L. -1.0116*, 1.0117*
Elder, R.A. -2.1104*
Elderkin, C.E. -1.0158, 1.0159, 1.0855
Eldred, K. -6.0023*
Elgazzar, R. -1.0302
Elias, P. -5.0365
Ellason, B.C. -4.0787*, 4.0788*, 4.0789*
Elkind, M.M. -5.0525*
Elkins, H.B. -1.0215*
Ellett, W.H. -5.0873, 5.0913*
Elliot, S.C. -1.0288
Elliott, L.F. -2.0242, 4.0195
Elliott, N.J. -2.1834
Ellis, B.G. -2.1046
Ellis, D.W. -2.0671
Ellis, H. -2.1813*
Ellis, J.R. -2.0242
Ellis, L.C. -5.0716*
Ellis, R. -2.0595
Ellis, R.E. -5.0713
Ellison, L.T. -1.0195*
Ellison, R.G. -1.0195
Elmessiri, I.A. -1.0166
Elmore, J.J. -5.0516
Elmore, P. -2.1350
Elnadek, Y. -1.0302
Elsberry, D.D. -4.0619
Elsner, E. -4.0097*
Elstad, V.B. -5.0234
Elterich, J.G. -2.1213
Elwood, J.W. -2.0374, 5.0069
Emerson, G. -4.0928*, 4.0929*
Emery, D.A. -4.0154, 5.0554*
Empson, F. -5.0073
Emrich, G.H. -2.0343, 2.0348*, 2.0751*, 2.0752*, 2.0753*
Engdahl, R. -3.0264
Engel, A.J. -1.0637*
Engel, D.W. -5.0540*, 5.0541*
Engel, G. -2.0271*
Engel, R. -2.0272*, 2.1064
Engelbrecht, R.S. -2.0893*, 2.1257*, 2.1258*, 2.1259*, 2.1261, 2.1263
England, D.C. -3.0280*
Englert, R.D. -1.0318*
English, J. -2.1368
English, J.N. -2.1186, 3.0075
Eno, C.F. -4.0095
Enrich, G.H. -2.0341*
Ensign, J.C. -2.1136*
Epp, E.R. -5.0491*, 5.0872
Eppinger, K. -2.1161
Epps, J.M. -4.0480*
Epstein, A.H. -4.0310*
Epstein, E. -3.0156, 4.0116*
Epstein, S. -5.0016*
Erbisch, F.H. -2.0200, 5.0410*
Ercegovich, C.D. -4.1103*, 4.1104
Erdman, H.E. -5.0744
Erdman, W.J. -6.0107
Ergun, S. -1.0629
Erickson, A.E. -2.1046*
Erickson, B.H. -5.0666*, 5.0667*
Erickson, E.E. -2.1309
Erickson, H.D. -2.0957
Erickson, L.C. -4.0301*
Erickson, L.E. -2.0594, 2.1276*, 2.1277
Erickson, S.J. -2.0790, 2.1702*, 2.1703
Erikson, V. -5.0026
Eriebach, W.E. -2.0694
Ernest, L.A. -3.0353*
Ertel, R.J. -6.0108
Erwin, D.C. -4.0232*
Escher, E.D. -2.1399
Escuriex, L.A. -4.0628
Esmaili, H. -2.1787
Esmay, M.L. -3.0182*, 3.0183*
Espeland, D.H. -5.0761
Estefan, R.M. -1.0299
Estep, P.A. -1.0165, 3.0404
Estes, F.L. -1.0205*, 1.0297*
Estridge, R.B. -2.1238*
Eveli, L. -2.1449*
Excholls, J.L. -3.0253*
Ethridge, D. -2.1359
Ettinger, H.J. -5.0864*
Eusebio, B. -1.0601*
Euyen, E. -2.1190
Evans, A.H. -5.0564
Evans, G.F. -1.0455*
Evans, H.H. -5.0564, 5.0565
Evans, J.O. -2.0395, 3.0259*, 4.0187
Evans, L.G. -3.0326*
Evans, R.L. -2.0128*, 2.0892, 2.1250*, 2.1251*, 2.1252*, 2.1253*, 2.1825*, 2.1826*, 3.0129*, 3.0130
Evans, T. -5.0565
Evans, T.C. -5.0326
Everest, R.V. -2.1408, 2.1884
Everett, L.G. -2.0477
Everett, M.A. -5.0573*, 5.0574, 5.0575
Everett, P.H. -4.0273*
Everhart, W.H. -2.1512*
Evers, M.O. -2.1796
Ewart, W.H. -4.0233*
Ewing, B.B. -1.0052, 2.1256
Eye, J.D. -3.0262*
Eyring, H. -5.0725
Fabro, S. -4.0584
Fagala, L.K. -4.0251
Fahey, D.J. -3.0407*
Fahey, J. -4.1024*
Failla, P. -5.0271*, 5.0272*, 5.0291
Fain, C.C. -3.0309
Fair, G.M. -3.0244
Fair, J.F. -3.0042*
Fairchild, G. -1.0304
Fairchild, M.L. -4.0742*
Fairchild, R.G. -5.0896, 5.0897
Fairhall, A.W. -2.0427*
Fairhurst, D. -2.1390
Fairweather, J.H. -1.0320
Fajardo, L. -5.0172*
Faiskali, S. -5.0708
Falk, L.L. -3.0101*
Falkner, C.H. -2.1932, 2.1933, 2.1934
Falkson, L.M. -2.1879
Falls, W.R. -5.0338
Falter, C.M. -2.1544, 2.1545
Fan, K. -1.0444
Fan, L.T. -2.0594, 2.1277*, 3.0146*
Fang, S.C. -4.0452*, 4.0819*, 4.0820*, 4.0821*, 4.0978
Fanizza, L. -2.0491
Fanning, J.C. -1.0913*
Fanning, R. -3.0231
Fansofree, S. -1.0898
Farkas, W.R. -1.0294*
Farmer, J. -1.0503*, 1.0504*, 1.0505*
Farnham, R.S. -2.1314*
Farr, N. -1.0079
Farrell, J. -2.1911
Farrell, T.P. -5.0736
Farrer, D. -5.0519
Farrior, W.L. -1.0857
Farrow, J.C. -2.1141
Farrow, R.P. -4.0257*
Farvolden, R.N. -2.1007, 3.0133
Fast, A.W. -2.1045
Faust, S.D. -2.0681*
Fay, J.A. -1.0897*

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Feaster, J.P. -5.0246*
Feder, B.H. -5.0145
Feder, W.A. -1.0357*, 4.0355
Feely, H.W. -1.0089, 2.0699
Fehrenbacher, J.B. -2.0894
Feibuch, H.A. -3.0079
Feinstein, R.N. -5.0273*
Felbeck, G.T. -4.0171*
Feld, I.L. -3.0360
Feldl, E. -4.0320
Feldmeier, J.R. -2.1903*
Fell, J.W. -2.0547*
Felmeister, A. -1.0370*
Felton, E.G. -1.0846
Feltovic, R. -2.0616
Feng, T.H. -2.1294
Fenimore, J.W. -2.0356*, 2.0357*
Fenin, J. -5.0107
Ferencz, N. -5.0563, 5.0909
Ferguson, D.L. -5.0418*
Ferguson, R.D. -2.0543
Ferin, J. -1.0235*
Ferreira, A.C. -5.0599
Ferreira, J.C. -5.0599
Ferrell, J. -1.0496
Ferrians, O.J. -3.0017*
Ferrigno, F. -2.0252*
Ferris, B.G. -1.0212, 1.0214*
Ferris, H.W. -6.0003*
Ferris, V.R. -2.0586*
Fetterolf, C.M. -4.0042*
Feuell, A.J. -4.0493*
Feuerstein, D.L. -2.0490*, 2.1174*, 2.1175*
Field, G. -2.1692*, 4.0983
Field, J.H. -1.0632*
Field, L. -5.0921*
Fieldhouse, D.J. -1.0338*
File, R. -2.1062*
Filer, R. -1.0897
Fikes, M. -4.0808
Filev, K. -5.0102
Filipek, S.J. -1.0425*
Filos, J. -2.0182*
Filmer, R.W. -2.1387*
Fina, L.R. -2.0897
Finch, R.D. -6.0113*
Fincher, E.L. -2.1536*
Fincher, L.C. -3.0384
Fine, D. -1.0566
Fine, M.M. -3.0382
Fine, S. -5.0381
Fink, L.K. -2.0168*
Finkel, M.P. -2.0574*, 5.0274*, 5.0275*, 5.0276*
Finkner, A.L. -3.0104
Finstein, M.S. -2.0674*, 2.1057
Fisch, H.B. -2.0339
Fischer, B.A. -2.1607*
Fischer, H.B. -2.0964*
Fischer, J.H. -2.1199*
Fischer, P. -5.0098
Fischer, W.C. -2.0203
Fisenne, I.M. -5.0058, 5.0883
Fish, B.R. -5.0072, 5.0937
Fishbeck, K. -2.0859
Fishbein, L. -4.0421*, 4.0790*, 4.1087
Fisher, D.W. -2.0092*
Fisher, G.T. -2.0947*
Fisher, H.W. -2.0769*
Fisher, J.F. -2.0770*
Fisher, J.G. -2.1064
Fisher, K. -5.0131
Fisher, N.B. -2.1018
Fisher, R. -3.0264
Fisher, V.J. -4.0936*
Fisher, W. -2.0760*
Fiskell, J.G. -2.1228*
Fitzgerald, G.G. -4.0584
Fitzgerald, G.P. -2.0440*, 2.0441*, 2.0865
Fitzgerald, O.L. -3.0375*
Fitzpatrick, T.B. -5.0381*
Flamm, W.G. -4.0783
Flanagan, J.E. -1.0768*
Flanagan, T.B. -4.0497*
Fleck, R.A. -4.1000
Fleetwood, C.W. -2.0926
Flegal, C.J. -3.0184*
Flege, R.K. -2.0555*
Fleig, G.E. -3.0362
Flexser, D.A. -2.1575
Fleming, D.M. -5.0956
Fleming, R.D. -1.0122, 1.0124*, 1.0620
Fleshman, D. -3.0781*
Fletchall, O.H. -4.0391
Fletcher, D.C. -4.0052
Fletcher, E.R. -5.0437
Fletcher, G.E. -2.0312
Fletcher, J.E. -1.0152, 2.0399
Fletcher, P.W. -2.1907*
Flinn, P.A. -2.0758
Flowerday, A.D. -2.1635
Flowers, E. -1.0769*
Flowers, E.S. -2.1793*
Flynn, J. -2.1343
Flynn, M.Y. -1.0135
Fochtman, E.G. -2.1244*, 2.1245, 2.1246
Fog, H. -6.0042
Folsom, T.R. -2.0050*, 2.0051*, 2.0504*
Forbes, P.D. -5.0584*
Forbes, R.B. -2.0098, 2.0105*
Forbes, R.E. -1.0068
Forbes, W.F. -5.0498*
Ford, C.T. -2.1394
Ford, M.R. -5.0937
Ford, R. -4.0214*
Ford, Z.T. -4.0476
Fordham, E.C. -3.0395
Forer, E. -2.0043
Forest, H.S. -2.0687*
Forney, A.J. -1.0633, 1.0842
Forney, J.L. -2.1649
Forsberg, C.R. -3.0083*
Forste, R.H. -2.1869*
Forster, G. -2.0731
Forsyth, J.W. -2.1732
Forsythe, H.Y. -4.0442*
Fortner, R.W. -5.0577
Fosberry, R.A. -1.0151*, 1.0850*
Foss, J. -2.1035
Fossum, G.O. -2.1360*
Foster, K.E. -1.0389*
Foster, L. -2.1799
Foster, M. -2.1502
Fowler, D.D. -2.1867*
Fox, I.K. -2.1932*, 2.1933*, 2.1934*, 2.1935*
Fox, R. -1.0564*
Fox, R.D. -2.1307
Foxworthy, J.E. -2.1181*
Foy, C.L. -4.0189, 4.0501, 4.0502*
Frahm, E.E. -4.1067*
Fraley, L. -5.0211
Franchi, L.L. -5.0710
Francis, C.W. -5.0075, 5.0076
Frank, P.A. -4.0017*
Franken, P.A. -6.0007*, 6.0035*
Frankenberg, D. -2.0559*
Franks, J. -5.0206
Franz, R.E. -4.0215*
Franzini, J.B. -2.1183*
Frazier, M.E. -5.0737*, 5.0748
Frea, J.I. -2.0300, 2.0723, 2.0724
Frear, D.E. -4.0836, 4.1104*
Freed, D. -2.0491
Freed, V.H. -3.0281*, 3.0282*, 4.0453*, 4.0822*, 4.0978*, 4.0979*, 4.0980*
Freedland, R.A. -4.0557, 4.1001
Freeman, J. -5.0321
Freeman, J.F. -4.0327*, 4.1035*
Freeman, L.R. -2.0519*
Freeman, R.G. -5.0688
Freeswick, D.C. -5.0879
Freifelder, D. -5.0398*
Fremling, C.R. -2.0648*
Fremuth, F. -5.0805
Frenkel, K. -1.0233
Frensen, P. -1.0699*
Frere, M.H. -5.0039*
Fretz, T.A. -4.0286*
Frey, D.G. -2.0582*, 2.1551*, 2.1552*
Frey, P.J. -2.0959*, 2.1474
Friedberg, W. -5.0065*, 5.0571*, 5.0637, 5.0912*
Friedel, R.A. -1.0635
Friedell, H.L. -5.0360*, 5.0561*, 5.0562*, 5.0563*, 5.0564*, 5.0565*, 5.0909*
Friedlander, S.K. -1.0477*, 1.0677*
Friedman, E. -5.0377*
Friedman, J.D. -1.0039*
Friedman, L. -4.0659*
Friend, J.P. -1.0086*
Fries, G.F. -4.0636, 4.0638*
Friesen, B.S. -5.0334*
Frigerio, N.A. -5.0828, 5.0830
Friggens, C.R. -1.0857
Frink, C.R. -2.0085*, 2.0086, 2.0988
Frisell, S.S. -2.1863*
Fritschen, L.J. -1.0161, 1.0162*
Fritschen, R.D. -3.0211*
Fritz, T.E. -5.0284
Frohliger, J.O. -1.0135*
Fromm, P.O. -2.1591*, 2.1592*
Frommer, S.I. -1.0376
Froning, G.W. -3.0388*
Frost, K.R. -4.0008*
Frey, S.E. -2.0137
Fruh, E.G. -2.0812*, 2.1422
Fry, R.J. -5.0278
Fuentes, R. -5.0219
Fuerstenau, M.C. -2.0403
Fugate, A.D. -3.0396
Fuhremann, T.W. -4.0200
Fuhrman, D.K. -2.1115*
Fuhs, G.W. -2.0256
Fukai, R. -2.0152
Fukuhayashi, H. -3.0385
Fukuoka, S. -2.1021
Fukuto, T.R. -4.0242, 4.0932*
Fuller, G.C. -4.0839
Fuller, W.H. -2.0474*
Fullerton, F.R. -4.0628
Fultz, J.L. -4.0091*, 4.0247*, 4.0248*
Funderburk, H.H. -4.0003*, 4.0004*
Fungaroli, A.A. -2.0343*
Funke, B.R. -2.1665*, 2.1666*, 4.0159*
Funke, K. -4.0677
Fuqua, P.A. -5.0756*, 5.0757*
Furchner, J.E. -5.0459*, 5.0460, 5.0462, 5.0865*, 5.0866*
Furchtgott, E. -5.0605*
Furlan, J. -4.0998
Furman, T.D. -3.0109*
Fuzzi, M. -4.1011*
Fye, P.M. -2.1584*
Gabelman, W.H. -1.0435*
Gabilka, J. -4.0659
Gaddy, J.L. -1.0447*
Gadomski, R.R. -1.0132*
Gaffey, C. -5.0114
Gahler, A.R. -2.0336
Gaibel, Z. -4.1087*
Gaiter, J.S. -5.0932*
Gainer, J.H. -4.0791*
Gainey, R.J. -2.0951*
Gainer, C. -5.0387
Gaiser, S. -2.1799
Gaidievi, M. -5.0329
Galeszewski, J.A. -3.0370
Gall, R.L. -1.0861
Gallagher, R.H. -2.0689
Gallegos, A.F. -5.0432, 5.0449
Galler, W.S. -3.0252
Gamble, J.F. -5.0031*
Gammage, R.B. -5.0924
Gammon, J.R. -2.1553*, 2.1554*
Gamow, I. -5.0019
Gamow, R.I. -5.0201
Ganapati, S.V. -3.0136*
Ganstra, R. -2.1460
Gandolfi, J. -4.0818
Ganesan, A.K. -5.0170
Gangadharan, P. -5.0839
Ganguly, A.K. -2.0136*
Gannon, J.J. -2.0628*
Ganon, J. -2.0632
Gara, R.I. -3.0403
Garber, M.S. -2.0062
Garber, R.H. -4.0243*
Garber, W.F. -3.0071
Garcia, J. -5.0512*
Garcia, L.H. -1.0602*
Gard, L.M. -5.0204*
Gardner, F.A. -4.0862*
Gardner, W.R. -2.0862
Gardos, G. -5.0267
Garland, C.D. -5.0071*
Garland, C.F. -2.1153*
Garner, W. -2.0916*, 3.0051*

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Garner, W.E. -1.0646*
Garnsey, M.E. -1.0480*
Garratt, G. -1.0850
Garren, K.H. -4.0448*
Garrett, J. -1.0649*
Garrison, C.A. -2.1428
Garrison, L.E. -2.0819*
Garry, V.F. -5.0333
Gart, J.J. -4.0647*
Garton, J.E. -3.0272
Gasaway, D.C. -6.0114*
Gasser, R. -3.0229
Gasteiger, E.L. -5.0483
Gastineau, R. -5.0905
Gates, D.M. -2.1629*
Gates, O. -5.0378
Gatz, D.F. -1.0046, 2.0122*
Gaudy, A.F. -2.1385*, 2.1386*, 3.0275*
Gaudy, E.T. -3.0275
Gauffin, A.R. -2.0234*, 2.1632*, 4.0752*
Gauldon, M.E. -5.0683*
Gaur, B. -5.0277
Gause, E.M. -1.0424
Gavis, J. -2.1439*
Gayden, E.L. -2.1130
Gaynor, J.D. -2.0330
Gborek, W.J. -2.0349
Gearheart, R.A. -2.0479*
Geary, J.M. -1.0627
Geason, D.J. -3.0334*
Gebhardt, M.R. -4.0138*
Gee, H. -2.1170
Geer, R.D. -4.1068*
Geesaman, D.P. -5.0143
Gehrke, C.W. -4.0962*, 4.1065
Geidreich, E.E. -2.0716*
Geier, R.G. -2.1445*
Geiger, D.L. -1.0285*
Geiling, W.T. -2.1617
Geissler, W. -5.0027*
Geisler, J.E. -1.0696*
Geldreich, E.E. -2.0719*
Gemmell, R.S. -2.1820*, 2.1821*
Gengozian, N. -5.0928
Gentile, J.H. -2.0790, 2.1702, 2.1703*
Georgevich, M. -2.0708*
George, A.C. -5.0874, 5.0877
George, J.R. -2.0558*
George, L.C. -3.0206
George, M.E. -1.0286*
Georgevich, M. -1.0770*, 1.0771*, 1.0772*, 1.0773*, 5.0906*
Georgi, C.E. -2.0917
Georgiev, R. -5.0102
Gerard, R. -2.1067
Gerber, A. -5.0479
Gerhard, J. -1.0468
Gerhardt, P.D. -4.0213*
Gerhold, H.D. -1.0417*
Gerhold, R.M. -2.0865
Gerloff, G.C. -2.0859*
Gerrits, R.J. -4.0642, 4.0643
Gershon, D. -5.0363
Gershowitz, H. -5.0403
Gess, J. -2.0702
Gessel, S.P. -3.0403, 4.0197*
Gessler, J. -2.0078*, 2.0982
Gessner, T. -4.0764*
Getzin, L.W. -4.0194*, 4.0195*
Geyer, J.C. -2.1572, 3.0244
Ghiron, C.A. -5.0415*
Gholson, J.H. -4.0625*, 4.0626*
Gholson, K.W. -2.1725*
Gholson, R.K. -3.0034*
Gibb, T.R. -2.1043*
Gibbons, A. -5.0396
Gibbons, H.L. -4.0812
Gibbons, J.H. -2.1721, 2.1723, 5.0072*, 5.0073*
Gibbs, G.K. -2.1171
Gibson, C.I. -2.1639, 2.1640
Gibson, O. -4.0227
Gibson, W.K. -2.1863
Giddens, J.E. -2.1232*, 4.0098*
Gifford, F.A. -1.0142*, 1.0143*, 1.0144*, 1.0145*, 1.0146*, 1.0328*, 1.0422*, 5.0940*
Gift, J.J. -2.1648
Giglio, R. -2.1841
Gilani, S.H. -5.0424*
Gilat, E. -2.0152*
Gilbert, R.O. -5.0082
Gilbertson, C.B. -3.0212*
Giles, W. -1.0090*
Gill, A.C. -2.0216
Gillespie, P. -2.0323
Gillespie, W.B. -2.1130
Gillett, B.E. -2.0227
Gillette, D.G. -1.0456*, 1.0457*, 1.0774*
Gillette, J. -2.1591
Gilliam, J.W. -2.0294
Gilliland, B.E. -2.0793*
Gillmore, D.W. -1.0658, 1.0659, 1.0660, 3.0341*
Gilmore, F. -3.0383*
Gilmore, J.S. -1.0481*
Gilmore, S.A. -5.0097*
Gilpatrick, J.D. -4.0055
Giramonti, A.J. -1.0440*
Gittleson, S.M. -2.0600*
Given, P.H. -3.0304
Glaeser, R.M. -5.0113
Glantz, P.J. -2.0763*
Glaser, E.R. -2.0756*
Glaser, O.G. -4.0659
Glass, D.C. -6.0061*
Glass, E.H. -4.0413*, 4.1082*
Glass, W.A. -5.0739, 5.0956*
Glassey, C.R. -3.0066
Glaze, N.C. -4.0291*, 4.0292*, 4.1022*
Glaze, W.H. -2.0382
Glenn, J.L. -2.0339
Glenn, R.A. -2.1394
Glenne, B. -2.0745*
Glover, J.E. -2.0026
Glover, R.D. -2.0799*, 2.1710*
Glover, W. -2.0908
Glowa, W. -4.1011
Gloyna, E.F. -2.0377*, 2.0813*, 2.0814*, 2.1422*, 4.0986
Glunkoter, H.J. -1.0050*
Glynn, P.W. -2.0058*
Glysson, E.A. -3.0179
Godfrey, T. -5.0223
Goebel, N.B. -4.0173*
Goerge, A.C. -5.0875, 5.0876
Goering, J.J. -2.0010*, 2.0011*, 2.1476*
Goerlitz, D.F. -2.0496*
Gofman, J.W. -5.0139*
Golberg, L. -4.0763*
Goldberg, A. -1.0208
Goldberg, B. -5.0234
Goldberg, E.D. -2.0028, 2.0052*
Goldberg, L. -5.0473
Goldberg, M. -3.0084*
Goldman, C.R. -2.0032*, 2.0033*
Goldman, H.S. -5.0475*
Goldman, M. -5.0130, 5.0132, 5.0134
Goldschmidt, B.M. -1.0233
Goldstein, D.H. -1.0232
Goldstein, E. -1.0172, 1.0174*
Goldstein, M.J. -1.0898*
Goldstein, P. -2.1906
Goldstein, R.A. -2.0374, 5.0074*, 5.0075
Golley, F.B. -5.0260
Golueke, C.G. -2.0486, 2.1170, 3.0066*
Gompf, H.L. -1.0570*
Gonzalez, F.W. -5.0526*
Gonzalez, M.T. -5.0600
Goodin, J.R. -2.1189*, 4.0234*
Goodman, A.S. -2.1845*
Goodman, L. -5.0870
Goodman, P. -1.0721*
Goodnight, C.J. -2.0201*
Goodsel, A.J. -1.0596
Goodwillie, S. -2.1799
Goodwin, G. -2.0499*
Goolsby, D.A. -2.0549*
Gopalayengar, A. -5.0319*
Gordan, R.L. -1.0474*
Gordon, C.C. -1.0363*, 1.0364*
Gordon, J.A. -2.1713
Gordon, M.P. -5.0088*
Gordon, R. -3.0061, 3.0062, 3.0063
Gordon, S.A. -5.0277*
Gordy, W. -5.0551*
Goren, S.L. -1.0534*, 2.1168*, 2.1169*
Gorham, E. -2.0205*
Gorse, R. -1.0009
Gorsuch, R.O. -5.0586
Gosselink, J.G. -4.0329*
Gossett, B.J. -4.1109*
Gossett, R.G. -2.1548
Gould, G.E. -4.0307*
Gould, J.P. -1.0584
Gould, W.A. -4.0440*
Goulding, R.L. -3.0283*, 4.0823*, 4.0824*
Grabouski, P. -2.1635
Grabske, R.J. -5.0006*
Grace, J.M. -2.0258
Graetz, D.A. -2.0445
Graf, G. -4.1093*
Graf, W.H. -2.1087*
Graham, E.R. -2.0220*
Graham, E.S. -5.0519
Graham, E.T. -5.0614*, 5.0615*
Graham, E.W. -1.0672
Graham, L. -1.0201
Graham, O.H. -4.0863*
Graham, R.P. -2.1163*, 3.0014*, 3.0361
Graham, T.W. -4.0477*
Grahn, D. -5.0278*
Grander, J.W. -2.0050, 2.0504
Grandstaff, N.W. -1.0182
Grandt, A. -2.1329
Grannemann, W.W. -5.0452*
Granstrom, M.L. -2.1870*
Grant, B.F. -4.0545, 4.0695, 4.0697*, 4.0698*, 4.0699*, 4.0700*, 4.0724, 4.0725, 4.0726, 4.0920
Grant, F.B. -4.0701*
Grant, W.B. -2.0694
Grass, R. -1.0023*
Graves, H.B. -1.0340, 1.0341
Graveson, R.T. -5.0878*, 5.0879*
Gray, C.B. -2.0976
Gray, D.H. -3.0179*
Greco, I.L. -5.0274, 5.0275
Greeley, R. -1.0489*
Green, A.E. -1.0694*, 1.0877*
Green, C. -4.0421
Green, E.L. -5.0344*, 5.0345*
Green, H.B. -4.0687*
Green, L.R. -1.0016
Green, R.E. -4.0027*, 4.0101*
Green, R.L. -2.1840
Green, T.E. -3.0379
Greenberg, J. -5.0167*
Greendale, A.E. -5.0046
Greene, F.M. -5.0800
Greene, G.S. -2.1156*
Greene, G.W. -2.0497*
Greene, H.G. -2.0038*
Greenhill, S. -1.0184*
Greenkorn, R.A. -2.1014*
Greenley, R. -1.0490*
Greenstock, C.L. -5.0714*
Greenwood, D.A. -4.0881*
Gregg, D.O. -2.0890*
Gregg, E.C. -5.0910*
Gregory, C.J. -2.0179, 2.0180, 2.1581, 3.0172*
Greichus, Y.A. -2.0362, 2.0797, 4.0067*, 4.0176, 4.0844*
Greig, J.K. -4.0316*
Grenney, W. -2.0739
Grether, D.M. -6.0055*
Grey, D.C. -1.0153*
Griem, M.L. -5.0300, 5.0302*, 5.0307
Grierson, W. -4.0275
Grieves, R.B. -2.0899*
Griffin, G.F. -2.0089*
Griffin, J. -2.0052
Griffin, J.E. -6.0107*
Griffin, S.A. -5.0616*
Griffin, T.B. -4.0486*
Griffing, T.C. -2.0142*
Griffith, W. -4.0566*
Griffith, W.A. -5.0447
Griffiti, W.L. -3.0316
Griggs, S. -2.1221, 2.1222
Grimm, A. -2.0490
Grinopoles, A. -2.1392
Grinstead, R.R. -3.0362*
Grismore, R. -2.0050, 2.0051, 2.0504
Grisinger, E.H. -2.0213, 2.0653
Grob, H. -1.0140*
Grodner, R.M. -4.0951

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Groh, J.E. -2.1157
Groner, R.R. -3.0282
Gronhovd, G.H. -1.0116, 1.0117
Gross, G.P. -1.0075
Gross, M.G. -2.1353*
Gross, W. -5.0870
Grossman, E. -4.0651
Grossmann, E.D. -3.0289*
Grosso, J.J. -1.0353
Grossweiner, L.I. -5.0298
Grove, C.S. -3.0032*, 3.0230
Grove, D.B. -2.0062*
Groves, A.B. -2.1761*
Groves, K. -4.0992*
Groves, R.D. -3.0326
Grub, W. -3.0012, 3.0321
Grubbs, D.M. -2.1148*, 2.1149*
Grube, D.D. -5.0269, 5.0270
Grube, W.E. -2.1452
Gruber, A. -1.0565*
Gruendling, G.K. -2.0274*
Grumer, J. -1.0134
Gryting, J.F. -2.0029*
Gucker, F.T. -1.0883*
Gude, W.D. -5.0647, 5.0651
Guenzi, W.D. -4.0093
Guess, C.P. -2.0795*
Guggenheim, S.F. -5.0879
Guilbault, G.G. -1.0709*, 4.0629*
Guillory, W.A. -1.0909*
Guinasso, N. -2.0694
Gunaji, N.N. -2.1341*
Gunderloy, F.C. -2.0876*
Gundersen, K.R. -2.0563*
Gunner, H.B. -2.0176*, 4.1043*
Gunter, G. -2.0652*
Gunther, F.A. -4.0016*, 4.0087*, 4.1004*, 4.1005*, 4.1006
Gupta, B.L. -5.0839
Gupta, M.K. -2.0893
Gurham, F.S. -2.1265
Gurney, C.W. -5.0332*
Gurnham, C.F. -2.1247*
Gurtz, M. -2.1657
Gustafson, P.F. -2.1546*, 5.0036
Guthrie, F.E. -4.0799*
Guthrie, R.K. -2.0794*
Guttman, H.N. -2.1003*
Guy, A.W. -6.0119*
Guyer, G.E. -4.0125*, 4.0126*
Guymer, A. -2.1799
Gyrisco, G.G. -4.0768*
Haag, F.G. -2.1883*
Haan, C.T. -2.1280, 4.0034*
Haas, A. -1.0231
Haas, I.J. -2.0802
Haas, J.E. -2.1895
Haas, R.H. -4.0070*
Hackbarth, D. -3.0345
Hackett, J.E. -2.0579*
Hackett, P.L. -5.0955
Hacskaylo, J. -4.0487*
Hadden, J.D. -1.0630
Hadzeriga, P. -3.0074
Haenlein, G.F. -3.0364*
Haertel, L.S. -2.0363*
Hafley, W.L. -2.1892
Hagen, A.F. -4.0757*
Hagen, H. -4.0567*
Hagen, H.K. -2.1514
Haghiri, F. -5.0064*, 5.0570*
Hagist, W.M. -2.1093
Hagstrom, R.G. -2.0947
Hahn, G.M. -5.0169*
Hahn, H.K. -5.0861
Haiby, W. -1.0898
Hainberger, L. -5.0100
Haines, W.E. -3.0410
Haise, H.R. -3.0093
Haisaz, M.F. -5.0198*
Hale, J.B. -4.0908*
Hale, V.Q. -5.0153*
Hales, J.M. -2.0415
Haley, H.E. -2.0185
Halitsky, J. -1.0087*
Halkett, J.A. -5.0389*
Hall, A.W. -1.0857
Hall, D.J. -2.0265*
Hall, D.M. -2.0958
Hall, E.J. -5.0056*, 5.0870
Hall, F. -1.0327
Hall, F.M. -2.1724
Hall, J.D. -2.0321*, 2.0322*, 2.1688*
Hall, J.K. -4.0167*
Hall, M.W. -2.0165*, 2.0166*, 2.1257
Hall, R.H. -1.0096*
Halldane, J.F. -6.0028*
Hallett, J. -1.0072
Halnon, L.C. -2.1923*
Halstead, D. -1.0199
Halver, J.E. -4.0891
Ham, G.E. -4.0369
Ham, R.K. -2.0442*, 2.1458*, 2.1934
Hamann, H.J. -5.0264*
Hamby, K.O. -5.0007
Hamelink, J.L. -2.0140*
Hames, L.N. -1.0197
Hamilton, L.S. -2.1880*, 2.1881*
Hamilton, M.A. -4.0647
Hamilton, R.H. -4.0460*, 4.0461*, 4.0834*, 4.1105
Hamilton, R.M. -2.0498*
Hamlin, P.A. -1.0706
Hamm, R.N. -5.0933*, 5.0939
Hammer, M.J. -2.0238*
Hammer, T.R. -2.1904
Hammerschlag, D. -2.0352*
Hammett, H.L. -4.0375*
Hammond, G.S. -5.0017*
Hammond, J. -2.1434
Hammond, J.H. -1.0348
Hammond, L.C. -2.0099, 2.1228, 4.0094
Hammond, P.B. -1.0360*
Hammons, D.R. -3.0276*
Hampton, J.C. -2.1753*, 5.0738*
Hamrick, C.A. -5.0921
Hancock, H.M. -2.0597*, 2.1559*, 2.1560*, 2.1561*, 2.1562*, 2.1563*, 2.1564*
Handley, R. -5.0106
Hanes, B. -1.0179
Hanes, R.E. -2.0408
Haney, W.A. -2.0419
Hank, R.J. -2.0395
Hanks, A.R. -4.1118*
Hanks, G.E. -5.0901*
Hanley, W.S. -5.0921
Hanline, E. -2.1856
Hann, R.W. -2.1425*, 2.1729*
Hanna, F.R. -1.0143
Hanna, G.P. -2.0721*
Hanna, S.R. -1.0142, 2.1723
Hannah, S.A. -3.0260*
Hannas, A.H. -1.0597
Hanneman, G.D. -5.0571
Hannes, K. -1.0116
Hansche, F. -2.1130
Hansel, W. -4.0774
Hansell, J.W. -2.1389
Hansen, D. -2.1332
Hansen, D.J. -4.0594*
Hansen, R.S. -3.0337*
Hansen, R.W. -3.0092
Hansen, T.S. -1.0164
Hansens, E.J. -4.0397*
Hanshaw, B.B. -2.0992*
Hansing, E.D. -4.0317*
Hanson, D.V. -2.0509*
Hanson, J.B. -4.0032
Hanson, R.P. -1.0436*
Hanson, W.C. -5.0736
Hanson, W.D. -2.1620*, 2.1621*
Happ, S.C. -2.0214*
Happel, J. -1.0088*
Haraguchi, J.E. -4.0608
Harak, A.E. -1.0116, 3.0408
Haranowski, R.M. -4.0271*
Harbeck, G.E. -2.1506*
Harbison, R.D. -1.0206*
Hardcastle, W.S. -4.0097, 4.0287*, 4.1018*
Hardenburg, R.E. -4.0339*
Harding, H.B. -1.0199
Hardt, F. -3.0250
Hardy, C.D. -2.1353
Hardy, C.E. -1.0071*
Hardy, E.P. -1.0744*, 1.0745, 2.0270, 5.0057*, 5.0494*, 5.0882
Hargis, W.J. -2.1122*
Hariri, N. -5.0708*
Harkins, R.D. -2.0735, 2.1080
Harkness, R.W. -4.0272*
Harlin, C.C. -2.0735, 2.0736, 2.1080, 2.1081
Harm, W.F. -5.0684*
Harman, O.R. -2.1213, 2.1214, 2.1521*
Harmeson, R.H. -2.0130
Harms, L.L. -2.0362
Harmsworth, R.V. -2.1462*
Harney, B.M. -1.0842
Harp, E.F. -2.1243*
Harp, G.L. -2.0024*, 2.1484*, 3.0013*
Harp, J.F. -2.0531
Harper, K.T. -1.0429*
Harper, R.J. -2.1284
Harrel, K.C. -2.0816*
Harrington, L. -2.1432, 2.1433
Harris, D.B. -1.0603*, 1.0604*
Harris, E.F. -2.1367, 2.1369
Harris, F.A. -4.0688*, 4.0689*
Harris, G. -2.1048
Harris, J.E. -4.0659
Harris, J.W. -5.0792*
Harris, R.F. -2.0436, 2.0437, 2.0454
Harrison, D.P. -2.1029*
Harrison, F.L. -2.0036*
Harrison, F.P. -4.0354
Harrison, M. -2.0323
Harrison, R.M. -4.0099*
Harrison, W. -2.0411
Harriss, R.C. -1.0697*
Harrold, L.L. -2.0307*
Hart, G.E. -4.0488*
Hart, J.H. -4.0358*
Hart, R.L. -1.0699
Harteck, P. -5.0514*
Harter, R.D. -2.0086*
Hartman, M. -1.0625
Hartman, P.A. -2.0586*
Hartnell, G. -4.0320
Hartung, T.E. -3.0009*
Harvey, G.W. -2.0567*
Harvey, J.V. -2.1185
Harvey, M. -2.0567
Harvey, R.D. -1.0553*
Harvey, R.S. -2.0358*, 2.1706*
Harwell, -2.1531
Hasegawa, A. -5.0966*
Hashimoto, A.G. -3.0234*
Hasler, A.D. -1.0049, 2.0443*, 2.1135
Hassner, A. -1.0874*
Hasterlik, R.J. -5.0303*
Hastings, F.L. -4.0969*
Haszildine, R. -1.0849
Hatch, F.T. -5.0140*
Hatch, R.W. -2.0607*
Hatfield, N.L. -1.0710*, 1.0711*
Hattrup, A. -2.0072
Haug, R.T. -2.1184
Hause, S.K. -4.0611
Hauser, E.W. -4.0293*
Hauser, V.L. -2.1022*, 2.1023*, 4.0062
Hauser, W. -2.0609
Haushild, W.L. -2.1086*
Haven, R. -3.0327*
Havens, A.V. -1.0371*
Havens, J.A. -2.1160
Havens, J.S. -2.0920*
Haverfield, A.J. -5.0739*, 5.0956, 5.0957*
Havighurst, C.G. -1.0497*
Haviland, J.B. -2.0707
Hawkes, B.E. -2.0909
Hawkins, A. -4.0253*
Hawkins, R.H. -2.1414*
Hawthorne, H.A. -5.0154*
Hayden, R.A. -1.0054*
Hayes, D.M. -1.0900
Hayes, D.W. -2.0792
Hayes, J.V. -1.0079
Hayes, J.W. -3.0367*
Hayes, M.L. -2.1446
Haymond, H.R. -5.0163*
Hayne, D.W. -2.0292
Haynes, C.D. -1.0151, 2.1148
Haynes, E. -2.1348*
Haynes, R. -2.0245
Haynes, W.P. -1.0633*, 1.0842*
Haynes, W.S. -3.0019*
Haynie, F. -1.0458*
Haynie, S. -2.1918*, 2.1919

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Hayon, E.M. -5.0392*
Hayrettin, K. -2.1807
Hayward, F.W. -4.0275*
Haywood, F.F. -5.0924, 5.0925
Hazel, J. -5.0797
Hazen, R. -3.0244
Hazen, T.E. -1.0055*, 3.0143*, 3.0144, 3.0145
Heagle, A.S. -1.0390*, 1.0391*, 1.0392*, 1.0393*, 1.0402
Heald, W.R. -2.0349*
Healy, E.M. -5.0393*
Healy, K.A. -2.1203
Heaney, D.F. -2.0347
Heard, E.J. -2.1537
Heard, R. -2.1537
Heaslip, M.B. -5.0338*
Heath, A.G. -2.1745
Heck, W.W. -1.0394*, 1.0395*, 1.0396*, 1.0397*, 1.0398*, 1.0408*, 1.0506*
Hecker, M.H. -6.0070
Heddle, J.A. -5.0179*
Hedlund, J.D. -5.0745
Hedman, E.R. -2.0878*
Heffernan, W.P. -2.0782, 2.1094
Heffner, R.D. -2.1882*
Heft, R.E. -2.1491*, 5.0007*
Hegdal, P.L. -4.0553, 4.0604, 4.0627
Heggestad, H.E. -1.0321*, 1.0322*, 1.0351*
Hegre, C.S. -2.0788*, 2.0789*
Heicklen, J.P. -1.0912*
Heifetz, S.B. -2.1500*
Heil, D.C. -2.1292
Heimburg, R.W. -3.0248*
Heine, W.N. -2.1902
Heinemann, H.G. -2.0217*, 2.0218*
Heinsohn, R.J. -1.0638*
Heinz, M.E. -2.0730
Heinzl, M. -2.1006
Heise, J.J. -2.0114*
Heisler, C.R. -4.0395*
Heitzenrater, P.R. -2.1902
Heldman, D.R. -1.0066*
Helfgott, T. -2.0528*, 2.1203
Heller, L. -1.0383
Hellers, B. -1.0139*
Hellier, T.R. -2.1724*
Helling, C.S. -4.0118
Hellman, S. -5.0382*
Helm, W.T. -2.1112*
Helmers, A.E. -2.0013*
Helms, T. -1.0399*
Helrich, K. -4.1076
Helton, A.W. -4.0302*
Hem, J.D. -2.0968*
Hempelmann, L.H. -5.0496
Hemphill, D.D. -4.0389*, 4.0390*, 4.0963*
Hemphill, L. -2.0915*
Hemphill, M.W. -1.0459*
Hemphill, W.R. -2.0535
Henager, C.H. -2.0955, 2.1444
Henderson, A.W. -3.0396
Hendrian, L. -2.1501
Hendricks, C.W. -2.0552*
Hendricks, D.W. -2.1436*, 2.1737*
Hendrickson, G.E. -2.1306*
Hendrie, J.C. -1.0633
Henkel, C.A. -5.0883
Hennessey, T.L. -2.1308*
Henry, M. -2.0028
Henry, V.G. -4.0852*
Henry, W. -1.0831*, 1.0832*, 1.0833*
Henson, E.B. -2.0404*, 2.0828
Herling, R. -1.0097*
Herman, B.M. -1.0666
Herman, J. -4.0096*
Hermanson, H.P. -4.0016, 4.0422
Hermanson, R.E. -3.0058*
Herrick, J.F. -3.0157
Herrick, R.B. -4.0606*, 4.0608
Herring, C. -2.1919
Herron, J.T. -1.0035*
Hershberger, W.K. -5.0759
Hershman, J.M. -5.0091*
Hertzberg, A. -1.0163*
Hesler, J.C. -2.1243
Hess, D. -5.0072
Hess, M. -5.0537
Hess, P. -5.0825
Hesse, J. -4.0042

Hesselberg, R.J. -4.1061
Hesseltine, C.W. -3.0372
Hetling, L.J. -2.0256*, 2.0687, 2.1342*, 2.1343*, 3.0226, 3.0227*
Heukelekian, H. -3.0224
Hewings, J. -2.1799
Hewitt, K. -2.1799
Hewitt, W.P. -2.1738*
Hewlett, J.D. -2.0113*
Hewston, E.M. -4.0953*
Hexner, G. -1.0348
Heywood, J.B. -1.0060
Hibben, C.R. -1.0380*
Hickey, J.J. -4.0913*
Hicks, S.P. -5.0402*
Hidalgoaivatis, O. -5.0170
Hidy, G.M. -1.0677
Hiesche, K. -5.0609
Higgins, C.W. -1.0364
Highlands, I.E. -3.0155*
Highman, B. -5.0359*
Higley, L.V. -3.0385*
Hildebrand, S. -2.0629
Hileman, L.H. -3.0002*
Hiler, E.A. -2.0379, 2.0948*
Hilger, H.A. -1.0375
Hill, A.C. -1.0430*
Hill, C. -2.1591
Hill, C.H. -4.0503*
Hill, D.E. -2.0988*, 5.0025
Hill, D.M. -2.1746
Hill, D.W. -2.0111*
Hill, K.R. -4.0954*, 4.1040*
Hill, R.G. -4.0438
Hill, R.L. -5.0710
Hill, W. -6.0094*
Hill, W.F. -2.0002, 2.0463*, 2.0467*, 2.1145
Hillier, J.W. -1.0668*
Hilpman, P.L. -2.0592*, 2.1273*
Hilsenhoff, W.L. -2.0860*, 2.1133, 4.0914*
Hiltbold, A.E. -4.0079*
Hiltibran, R.C. -2.0127*
Hilton, A.R. -2.0820
Hilton, J.L. -4.0340*
Hiltunen, J.K. -2.0189, 2.0624*, 2.1587
Hiltz, F.L. -5.0566
Himel, C.M. -2.0553*
Himes, F.L. -5.0064, 5.0570
Himes, J.A. -4.0588*
Himmelblau, D.M. -2.1423*
Hindawi, I. -1.0400*
Hinden, E. -2.0413*
Hines, W.W. -2.0556*
Hinesly, T.D. -2.0894, 2.0973, 3.0006*
Hinesly, T.K. -2.1548
Hinkley, D. -1.0716
Hinshaw, R.N. -2.0402*
Hirano, S. -5.0333
Hirata, J. -2.0423
Hirth, L.J. -2.1141
Hiser, A.L. -3.0404
Hiser, L.L. -2.0824, 2.1435*, 2.1735*
Hissong, D.E. -2.1094, 2.1697, 4.1108
Hitchcock, S.W. -2.0529*
Hittinger, L. -3.0395
Hively, E.E. -1.0121*
Hiyama, Y. -5.0331*
Hoadley, A.A. -2.0115
Hoag, D.L. -6.0030
Hobbie, J.E. -2.0290, 2.0291*, 2.1661*, 2.1662*
Hobbs, C.H. -5.0425, 5.0427, 5.0435*, 5.0436*, 5.0441, 5.0442, 5.0449
Hobbs, F.D. -6.0063*
Hobgood, C.G. -2.0605
Hochheiser, S. -1.0507*, 1.0775*, 1.0776*
Hodes, M.E. -5.0841*
Hodge, D.C. -6.0085*
Hodges, C.N. -2.1157*
Hodges, J.L. -1.0074
Hodgkins, E.J. -4.0206*
Hodgson, J.F. -5.0868
Hodgson, J.M. -4.0393*
Hodgson, R.H. -4.0436*
Hoenig, S.A. -1.0665*
Hoff, J.C. -2.0836, 2.0837, 2.0954
Hoffman, A. -1.0098*, 1.0777*
Hoffman, C.E. -2.0021, 2.1482
Hoffman, C.R. -2.1188*

Hoffman, D.A. -2.0063*, 2.0064*, 2.0073, 2.0512*, 2.0516, 2.0517, 2.0978*, 2.1507*, 2.1508*, 2.1509*, 2.1802*
Hoffman, G.R. -1.0421*
Hoffman, H.I. -3.0055*
Hoffman, J. -5.0489
Hoffman, T.C. -2.1479*
Hofmann, P. -2.1759*
Hofstra, G. -1.0326
Hogan, J.W. -2.0219*, 4.0702*, 4.0703*, 4.0704*, 4.0705*, 4.0731, 4.0732, 4.0733, 4.1054*
Hogan, R.L. -2.0711*
Hoglund, B. -2.1547
Holaday, D.A. -5.0044
Holcomb, A.E. -2.1428*
Holdsworth, R.P. -4.0441*
Holz, F.D. -2.1459*
Holladay, G. -5.0004
Hollan, S.R. -5.0267*, 5.0268*
Holland, L.M. -5.0052, 5.0460*, 5.0465, 5.0468
Holland, R.T. -2.1786
Holling, C.S. -3.0084
Hollingworth, R.M. -4.1025*
Hollist, R. -1.0430
Holloway, A.F. -5.0199
Holloway, H.C. -5.0352
Holm, G. -5.0536
Holm, N.W. -5.0026, 5.0806*
Holman, J.L. -3.0386*
Holman, J.P. -1.0652*
Holmes, J.J. -2.1143
Holmes, R.G. -3.0393
Holoway, C.F. -5.0926
Holsing, G.C. -4.0887*
Holstun, J.T. -4.0391*, 4.0469*
Holt, R.F. -2.0209
Holter, M.R. -2.0632
Holtman, J.B. -3.0185*
Holtzer, G. -3.0260
Holtzman, R.B. -1.0196*, 5.0282
Holubecki, Z. -1.0151, 1.0850
Holve, D. -1.0005
Holzworth, G. -1.0508*, 1.0509*, 1.0510*, 1.0511*
Hom, L.W. -2.0046
Homan, L.H. -1.0358
Homma, A. -2.0821
Hong, J.S. -5.0773
Honstead, J.F. -5.0958*
Hoo, R. -2.0567
Hood, G.A. -4.0604*
Hoogland, R.J. -2.0383*
Hooper, F.F. -2.0195*, 2.0629*
Hoopes, J.A. -2.0450, 2.0861*, 2.1137*, 2.1460*
Hoopingarner, R.A. -4.0126, 4.0672*
Hoover, W.F. -2.1406*
Hoover, W.L. -4.0489*
Hopen, H.J. -4.0614*
Hopkins, H.H. -1.0571*
Hopkins, H.P. -2.1235
Hopkins, T.L. -4.0318, 4.1032*, 4.1033*
Hopkins, T.S. -4.0023*
Hopp, R.J. -4.0500
Hopwood, A.J. -2.1602*
Hopwood, L.F. -5.0016
Hord, J. -1.0684*
Hordijeff, R. -6.0012*
Horm, I.S. -5.0914
Horn, D. -2.1038
Horn, G.C. -4.0263*
Horn, J.A. -2.0310*
Hornbuckle, P.A. -6.0118*
Horner, C.E. -4.0454*
Horner, R.A. -2.0473*
Horowitz, H.S. -2.1500
Horowitz, M. -4.0112
Horres, R. -1.0605*
Horsburgh, R.L. -4.0981
Horsfall, J.G. -4.0252*
Horsley, R.J. -5.0186*, 5.0187*
Horst, T.W. -1.0855*
Hortenstein, C.C. -2.0994
Hortenstine, C.C. -2.0098*, 2.0099*, 3.0003*, 3.0366*
Horton, D.B. -2.0292*, 2.1568*
Horton, J.W. -2.0459

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Horton, R.K. -2.0714
Hoskin, C.M. -2.1608*
Hoskin, F.C. -4.0611*
Hoss, D.E. -2.0279, 2.1656
Hottel, H. -1.0566
Hoult, D.P. -1.0892
Houriet, P.V. -3.0144
Houser, A. -2.0961
Houston, A.H. -2.1782*
Houston, C.S. -2.0405*
Houston, C.W. -2.1097*
Hovious, J.C. -2.0851
Howard, E.B. -5.0737, 5.0741, 5.0748, 5.0749, 5.0750, 5.0754, 5.0955
Howard, J. -1.0566
Howarth, J.L. -5.0451
Howe, C. -2.1219*
Howell, G.D. -2.0389*
Howell, G.S. -4.0040*
Howell, R.K. -1.0351
Howell, W.E. -1.0715
Howells, D.H. -2.0293*
Howells, D.S. -2.1891*
Hower, A.A. -4.0835*
Howes, H.E. -6.0074*
Howitt, A.J. -4.0673*
Howland, J.W. -5.0497
Howlett, F.S. -4.0443*
Howlett, H.A. -2.1340, 2.1873
Hoyt, R.D. -2.0596*
Hoyt, S.C. -4.0896*
Hoyt, T.S. -2.0966
Hrutfiord, B.F. -1.0657, 3.0403
Hrutfiord, B.I. -2.1448
Hsieh, T. -1.0005
Hsiung, C.P. -4.0629
Hsu, P.H. -2.1336*, 3.0218*
Hu, J. -5.0019
Huang, A.T. -5.0553*
Huang, C. -1.0883, 5.0602
Huang, C.H. -2.0487
Huang, J.C. -2.1324*, 3.0387, 4.0141*
Huang, L.K. -1.0846
Hubbard, A.B. -1.0664*, 2.1464*
Hubbell, D.W. -2.0339*, 2.0749*
Hubbell, H.H. -5.0924
Huber, C.O. -2.0867*
Huber, J.R. -5.0387
Huber, J.S. -4.0884*, 4.1048*
Huddleston, F. -5.0072
Huddleston, R.L. -2.1384
Hudson, H.T. -5.0686
Hudson, P.E. -2.0375*
Hudy, J. -1.0631
Huff, D.D. -2.0444*
Huff, F.A. -1.0347*
Huff, S. -5.0131
Hugan, J.S. -5.0193*
Hugghins, E.J. -4.0845*, 4.0846*
Hughes, G.M. -2.1007*, 3.0133*
Hughes, J.S. -2.1566*
Hughes, T.H. -2.1149
Huie, R.E. -1.0035
Huish, M.T. -4.0025*
Huizenga, C.G. -5.0703*
Hulbert, S.F. -3.0309*
Hull, C.H. -2.1408, 2.1884
Hull, W.L. -1.0051*
Hullinger, D. -3.0129
Humenik, F.J. -2.0712*, 3.0393*
Hummel, J.W. -3.0164*
Humphrey, R.D. -4.0753*
Humphrey, R.M. -5.0693*, 5.0694
Humphrys, C.R. -2.1855*
Hundal, M.S. -2.1739
Hung, C. -5.0088
Hunt, C.M. -1.0036, 1.0037, 1.0544*
Hunt, D.M. -5.0396
Hunt, E.L. -5.0083*, 5.0740*
Hunt, J.M. -2.0621*
Hunt, J.W. -5.0195*
Hunter, A.S. -4.0462*
Hunter, J. -5.0088
Hunter, J.H. -4.0938*
Hunter, J.V. -2.0675*, 2.0676, 2.1056*, 2.1057
Huntley, B.E. -2.0464*, 2.1470*
Hurn, R.W. -1.0125*
Hursh, J.B. -5.0499*
Hurst, N.S. -2.0925*
Hurt, R.F. -1.0051
Husain, S.R. -5.0066*
Husak, D.E. -5.0851*
Husar, R.B. -1.0731
Hussey, S.J. -3.0326
Hutcheon, D.E. -1.0220*
Hutchinson, D.C. -4.0708
Hutchinson, F. -5.0213*
Hutchinson, F.E. -2.1285*
Hutchinson, G.E. -2.1518*
Hutchinson, R.D. -2.0856*
Hutchison, B.A. -1.0422
Hutnik, R.J. -3.0040*
Huttermann, J. -5.0156
Hwang, C.L. -2.0157*
Iyer, P.V. -2.1122
Hyun, J.W. -4.0298*, 4.0299*
Iampietro, P.F. -6.0104
Ibukiyama, S. -6.0032
Ide, H.M. -5.0457
Idyll, C.P. -2.1532
Iha, T.H. -5.0766
Iio, M. -5.0844*
Ikawa, M. -2.0246
Ikels, K.G. -1.0848*
Ilcewicz, F.H. -1.0196
Ilnicki, R.D. -4.0144*, 4.0398*
Imlay, M.J. -4.0680*
Inch, W.R. -5.0189*
Inerfield, A.J. -2.1192
Ing, H. -5.0793
Inger, R.F. -1.0049*
Ingersoll, E.V. -5.0519
Ingols, R.S. -2.1234*, 3.0115*, 3.0116*
Ingram, B.R. -2.1718
Ingram, M. -5.0500*
Innis, W.E. -5.0730*
Insko, W.M. -3.0150*
Intorre, B. -3.0052*
Iorio, R. -5.0520
Ireland, R.L. -5.0335
Irgens, R.L. -3.0207*
Irick, P.E. -3.0104*
Irving, C.C. -5.0622*
Irwin, J.F. -5.0606
Irwin, M.R. -5.0766
Irwin, W.H. -2.0718*
Isaacs, J.D. -2.0972
Isard, W. -2.1905*
Ise, G.H. -4.1009
Isensee, A.R. -4.0118
Israel, M. -2.0967
Israelsen, C.E. -1.0152
Ito, T. -2.0710*
Ittelson, W.H. 1.0491
Iturrian, W.B. -6.0080*
Ives, J.D. -2.0980
Ives, K.J. -2.1111*
Ivey, H. -4.0387*
Ivie, W. -4.0548
Ivy, H.W. -4.0381*
Iwasaki, I. -2.0640*, 2.1311*
Iwase, T. -5.0844
Iyer, J.G. -4.0517, 4.0995
Jaakkola, T. -2.0094
Jablonski, B. -4.0168
Jackobs, J.J. -2.0734
Jackson, F.W. -2.1940
Jackson, K.L. -5.0760*
Jackson, M.D. -4.0798
Jackson, M.L. -5.0089*
Jackson, M.R. -1.0552*, 2.0124*, 2.0577
Jackson, P.O. -5.0751, 5.0961
Jackson, R.K. -4.0086
Jaco, B.D. -2.1718*
Jacobs, A.A. -5.0388
Jacobs, D. -5.0073
Jacobs, H.R. -1.0155
Jacobs, J.H. -3.0079*
Jacobson, A.P. -5.0401
Jacobson, I.A. -3.0409
Jacobson, J.R. -5.0348*
Jacobson, J.S. -1.0383
Jacobson, M. -3.0191
Jacoby, H.D. -2.1847
Jaeger, R. -4.0657
Jaffe, S. -1.0864*
Jagatic, J. -1.0181*
Jager, D.J. -2.0243
Jagschitz, J.A. -4.0172*
Jain, R.L. -2.1243
Jakubczak, L.F. -6.0092*
Jakubowski, W. -2.0836*, 2.0954*
James, E.H. -1.0150
James, P.E. -5.0040*, 5.0355*
James, W.P. -2.0741
Jameson, D.L. -2.0822*
Janecek, C.M. -2.0297*
Janes, D.E. -5.0370*
Janes, M.J. -4.0585*
Jankowski, C.M. -1.0715*, 2.0616*
Jannasch, H.W. -2.0186*, 2.0622*
Janske, C.C. -5.0741*, 5.0955
Janowski, M.L. -5.0386*
Jansen, C.R. -5.0520
Jansen, L.L. -4.0341*
Jansma, J.D. -2.1403, 2.1908*
Jansson, L. -2.1350
Janzen, E.G. -1.0879*
Jaroslow, B.N. -5.0279*
Jarvenpaa, T. -2.0095
Jasionowski, W.A. -3.0124*
Jaske, R.T. -2.1754*, 2.1755*, 2.1756*
Jaworski, C.A. -3.0094*
Jebens, H.A. -3.0347
Jee, W.S. -5.0719, 5.0723, 5.0726, 5.0951*, 5.0953, 5.0954
Jeffers, P. -1.0897
Jefferson, R.N. -4.0235*
Jeffery, L.S. -4.0177*
Jeffrey, A.D. -2.1910
Jeffries, H.P. -2.1693*, 2.1694*
Jegier, S. -1.0185*, 1.0682*
Jeglic, J.M. -2.1644
Jellinek, H.H. -2.1352*
Jelus, M. -2.1366
Jencks, E.M. -2.1452
Jenkins, C.E. -5.0084*, 5.0742*
Jenkins, C.R. -2.1773
Jenkins, D.L. -2.0486*, 3.0067*
Jenkins, J.H. -4.0025, 5.0257*, 5.0258*
Jenkins, J.T. -2.1484, 3.0013
Jenkins, R. -4.0522
Jenkins, W.R. -4.0145*
Jenne, E.A. -2.0969*
Jennelle, E.M. -2.0830*
Jennett, J.C. -2.1627*
Jennings, C.D. -2.0283
Jennings, D.A. -1.0683, 1.0687
Jensen, A.L. -2.1712
Jensen, B.T. -2.0963
Jensen, D.D. -1.0164
Jensen, J.O. -5.0950*
Jensen, J.W. -3.0206, 3.0384, 3.0385, 3.0386
Jensen, L.D. -2.1572*
Jensen, M.L. -1.0153
Jensen, R.G. -4.0582*
Jensen, W.I. -2.0396
Jensh, R.P. -5.0586
Jeris, J.S. -3.0228*, 3.0229*
Jervis, R.E. -4.0934*
Jesse, W.P. -5.0838
Jester, D.B. -4.0054*
Jewell, W. -2.0043
Jirka, G. -2.1849
Jitendra, S. -4.1086
Joel, D.D. -5.0520
Johansen, C.A. -4.0897*
Johansen, N.G. -2.1462
Johanson, L.N. -1.0657, 2.1448
John, A. -2.0905
Johnsen, R.E. -4.0935*
Johnsen, T.N. -4.0007*
Johnson, A.E. -4.0874*
Johnson, A.S. -2.1816
Johnson, A.W. -4.0294*
Johnson, B.T. -4.0048*, 4.0706*, 4.0707*, 4.0739, 4.0961*, 4.1055*
Johnson, D.F. -5.0668*
Johnson, D.R. -6.0047
Johnson, E.L. -2.1446
Johnson, F.P. -2.0663
Johnson, G. -1.0005
Johnson, G.L. -2.0577*
Johnson, G.V. -2.1158*
Johnson, H.A. -2.1654*, 2.1655, 5.0527*
Johnson, H.E. -2.0634, 2.1594
Johnson, H.O. -2.0146

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Johnson, H.F. -2.0587*, 4.0111
Johnson, H.S. -1.0862*
Johnson, J.A. -2.1194*
Johnson, J.C. -4.0601*
Johnson, J.D. -2.0208
Johnson, J.E. -5.0024
Johnson, J.L. -4.1061
Johnson, J.M. -2.0118
Johnson, J.O. -2.0515
Johnson, J.W. -3.0068*
Johnson, L. -1.0460*, 1.0461*, 1.0512*
Johnson, L.A. -4.0637
Johnson, L.F. -4.0178*
Johnson, R.B. -2.1726*, 2.1727*, 4.0274, 4.0276*
Johnson, R.C. -5.0262*
Johnson, R.E. -4.0092*, 5.0360*
Johnson, R.G. -2.0489
Johnson, R.L. -2.1270*
Johnson, R.M. -5.0831*
Johnson, W.B. -1.0011*, 1.0675*
Johnson, W.C. -4.0207*
Johnson, W.G. -1.0012*
Johnson, W.K. -2.1312*
Johnson, W.R. -3.0176*
Johnston, D.W. -4.0589*
Johnston, F.J. -5.0259*
Johnston, H.R. -4.0131*
Johnston, P.M. -2.0021*
Johnston, R.E. -5.0873
Johnstone, D.B. -4.0072*
Johnstone, D.L. -2.0843*
Jokela, T.A. -5.0087
Jolliff, T.M. -2.1876*
Jondorf, W.R. -4.0584
Jones, A.C. -1.0513*
Jones, A.W. -5.0617*
Jones, B.A. -2.0894*
Jones, D. -3.0248
Jones, D.C. -2.0375, 5.0165*
Jones, E.C. -5.0710
Jones, E.E. -2.0901*
Jones, E.R. -4.0037*
Jones, H.B. -5.0109*, 5.0110*, 5.0111*
Jones, H.W. -3.0140
Jones, J.E. -2.0952*
Jones, K.P. -4.0854, 5.0927
Jones, L.S. -4.0288*
Jones, N.B. -2.0398, 2.0400
Jones, P.H. -3.0021*
Jones, R.A. -2.0524*
Jones, R.D. -5.0032
Jones, R.K. -5.0428, 5.0433, 5.0436, 5.0437*, 5.0442, 5.0443
Jones, R.L. -3.0159
Jones, R.S. -2.1538*
Jones, S.C. -4.0455*, 4.0456*
Jones, T.D. -5.0924
Jones, W.W. -2.0045
Jonke, A.A. -1.0550*
Jonsson, E. -6.0042*
Joo, D. -2.1346
Jordan, C.F. -2.1001
Jordan, J. -1.0639*
Jordan, K.A. -3.0198
Jordan, L.S. -4.0230, 4.0236*, 4.0237*, 4.0240
Jordan, R.A. -2.0192
Jordan, R.C. -1.0893
Jordan, S.W. -5.0453*
Jordan, W.K. -3.0392*
Jorgensen, M. -3.0029
Joy, J.W. -2.0053*
Joyce, E.A. -2.1533*
Joyner, T. -2.1762*
Jozefowicz, K. -5.0916
Judd, J. -2.0697
Judkins, J.F. -2.0870*, 2.1141*
Judkins, J.M. -2.1142*
Junkin, W.P. -3.0027*
Jurgelsky, W. -4.0792*
Jurinak, J.J. -2.0395, 2.1737
Juvet, R.S. -2.0581
**Kachadoorian, ** -3.0017
Kaczynski, V.W. -2.1765
Kadoum, A.H. -4.0318*
Kadoum, A.M. -4.0319*, 4.0949*
Kaduce, R.E. -4.0952*
Kaeser, H.E. -4.0806
Kagawa, J. -1.0209
Kahan, E. -2.0200
Kahn, B. -5.0061*, 5.0908*
Kahn, R.L. -5.0226*
Kaihara, S. -5.0844
Kaiman, B.D. -6.0111*
Kajland, A. -6.0042
Kalber, F.A. -2.1524*
Kalil, E. -1.0009
Kalinski, A.J. -2.1869
Kall, A.R. -5.0915*
Kallfelz, F.A. -5.0054*
Kallio, R.E. -4.0030*
Kalvinskas, J.J. -2.1786*
Kambhu, K. -3.0308
Kamel, A.N. -1.0370
Kaminsky, F. -2.1841
Kamra, A.K. -1.0081*
Kanabrocki, E. -1.0201
Kanazumi, A. -6.0033*
Kanapilly, G.M. -5.0051*, 5.0425, 5.0427, 5.0428, 5.0438*, 5.0440, 5.0441, 5.0442, 5.0446, 5.0448
Kane, M.V. -1.0706
Kaneshige, H.M. -2.1361*
Kantelo, M.V. -5.0883
Kantor, G. -5.0178
Kantor, G.J. -5.0455, 5.0456
Kao, S.K. -1.0154*, 1.0155*
Kaplan, A.M. -2.0910*
Kaplan, E. -1.0201, 5.0835*
Kaplan, G. -5.0495
Kaplan, H.S. -5.0171
Kaplin, E.J. -1.0087
Kaplovsky, A.J. -1.0372*, 2.0677*, 2.1338, 2.1642, 2.1871*, 3.0219*, 3.0220*
Kappe, D.S. -2.1292*
Kappe, S.E. -2.1292
Kappelman, A.J. -4.0208*
Karadi, G.M. -2.1004
Karaki, S.S. -2.0078
Karamanova, J. -5.0002
Karanik, J. -2.1885
Karas, G.G. -4.0619
Kardos, L.T. -2.1404, 3.0298*, 3.0299*
Karger, B.L. -2.1296*
Kari, E.S. -2.1523*
Karim, F. -5.0066
Karn, F.S. -1.0635
Karnavas, J.A. -2.1397*
Karplus, W.J. -1.0008*, 2.0492*
Karr, C. -1.0165*, 1.0661, 3.0404*
Kartha, K. -2.0567
Kasha, M. -5.0252, 5.0254
Kasperson, R. -2.1301*
Kassander, A.R. -2.1157
Kastner, J. -5.0824*, 5.0826
Kativar, K.P. -4.0583*
Kato, M. -5.0358
Katti, S.K. -1.0878
Katz, E.L. -2.1697
Katz, I.N. -5.0417
Katz, M. -2.1766*, 4.0902*
Katz, W.J. -2.1392, 2.1456, 3.0354*
Katzenstein, H.S. -5.0786*
Katzer, J.R. -2.1211*
Katzman, D. -2.0694
Kaufman, D.D. -4.0117, 4.0468*
Kaufman, W.J. -2.0875*, 3.0066
Kaufmann, M.R. -2.1189
Kaul, B. -1.0220
Kaunitz, H. -4.0778*
Kauranen, P. -5.0030
Kausch, R.C. -2.1340
Kaushik, S. -2.0057
Kayath, H.C. -5.0101
Kaye, S.V. -5.0074
Kazmann, R.G. -2.1282
Ke, C.H. -5.0591
Kealy, C.D. -3.0340*
Keane, A.T. -5.0285
Kearby, W.H. -4.0463*, 4.0464*
Kearney, P.C. -4.0080*, 4.0112*, 4.0117*, 4.0155*
Kearny, C.H. -5.0934*
Keck, J.C. -1.0060*
Kee, M. -1.0058
Keeley, J.W. -2.1082, 2.1614*, 2.1615*
Keeley, P.E. -4.0244
Keene, J.C. -2.1906
Keeney, D.R. -2.0445*, 2.0446*, 2.0862*, 4.0518*
Keeney, M. -2.1578
Kehrberger, G.J. -2.0919
Keinath, T.M. -2.0944*
Keisch, B.A. -2.0758
Keith, D.E. -2.1732
Keith, J.O. -4.0575*, 4.0576*
Keller, E.C. -2.1772*
Keller, J. -2.0395
Keller, R.T. -2.1307
Keller, W.D. -2.0222
Kellerer, A.M. -5.0869*, 5.0870
Kelley, H.M. -2.1415
Kellogg, K.B. -2.1282
Kelly, E.M. -5.0935
Kelly, H.D. -2.1471*
Kelly, H.J. -1.0621*, 1.0622
Kelly, J.D. -4.0309
Kelly, L.S. -5.0110, 5.0111
Kelly, P.L. -5.0921
Kelman, S. -2.0585, 2.1269
Kelsheimer, E.G. -4.0258*
Kelso, T.M. -1.0647*
Keltner, J.M. -4.0021
Kemp, A.L. -2.0976
Kemper, W.D. -5.0041*
Kempton, J.P. -2.1006, 2.1823*
Kenaga, C.B. -4.0107*
Kender, W.J. -4.0335*
Kendle, E.R. -2.1865*
Kendrick, J.Z. -5.0596*
Keng, E.Y. -1.0881, 1.0882
Kennard, W.C. -2.1806*
Kennedy, H.D. -4.0703, 4.0704, 4.0708*, 4.0709*, 4.0710*, 4.0711*, 4.0712*, 4.0713*
Kennedy, M.V. -4.0046
Kenney, K.B. -2.1916*
Kenny, J.P. -2.0973
Kenyon, R.E. -1.0425
Kepper, M. -2.0453
Keppler, W.E. -3.0394
Kerker, M. -1.0381*
Kerns, W. -2.1908
Kerr, H.D. -1.0209*
Kerr, J.P. -4.0598*
Kerr, T.W. -2.0771*, 4.0983*
Kerri, K.D. -2.0046*
Kerrigan, J.E. -2.1932, 2.1933, 2.1934
Kershaw, N.F. -2.1292
Kertesz, J.C. -5.0164
Kessaris, N. -5.0492
Kessler, T. -1.0635
Ketchum, B.H. -2.1585*
Kethley, T.W. -1.0042, 1.0548*
Ketter, F.D. -3.0291*
Kevern, C.R. -2.0634
Kevern, N.R. -2.0197, 2.1590, 2.1593*, 4.0041*
Key, C.R. -5.0450
Keyzer, H. -1.0177*
Khairinar, A.D. -2.1737
Khalafalla, S.E. -3.0382
Khalkhali, Z. -5.0843
Khare, B.P. -4.0305*
Khare, M. -5.0576
Khattak, M.N. -5.0353
Kidd, K.K. -5.0766
Kienholz, E.W. -2.1513*
Kies, C. -4.0758*
Kieselbach, T. -5.0178
Kilambi, R.V. -2.0021, 2.1482*
Kilgore, L.T. -4.0376*
Kilgore, W.W. -4.1000*, 4.1001*
Kilibarda, M. -5.0770*
Kilmer, V.J. -2.0135
Kilner, S.B. -1.0439*
Kim, K.S. -4.0584
Kim, S.S. -3.0151*
Kim, W. -2.0871*, 2.0874
Kimball, N.D. -3.0349*
Kimbrough, R.D. -4.0600*
Kimeldorf, D.J. -5.0577*
Kimmel, E. -4.0548
Kincaid, R.R. -4.0282
King, D.L. -2.0979*, 2.1319*
King, L.G. -2.0395*
King, P.H. -2.1120*, 2.1121*

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

King, R. -1.0042*
King, R.L. -4.0649*
King, R.W. -2.0490
Kingdon, G.C. -5.0626*
Kingman, D.L. -4.0495*
Kinney, L.C. -2.1245*
Kinney, P.J. -2.0470
Kinoshita, F.K. -4.0613
Kinsey, V.E. -5.0411*
Kipp, R. -5.0049
Kirby, D.E. -3.0391
Kirk, J.H. -5.0079*, 5.0704*
Kirk, W.P. -2.1032
Kirkconnell, R.W. -2.1245, 2.1246
Kirkham, D. -2.0587
Kirklin, C.W. -5.0757
Kirsch, D.J. -2.1266*
Kirwan, A.D. -2.1066
Kisieleski, W.E. -5.0280*
Kitchell, R.L. -4.0619
Kitos, P.A. -5.0347
Kittleman, T.A. -1.0606*
Klages, M.G. -2.0661*
Klassen, W. -4.1095
Klatzo, I. -5.0361*, 5.0518
Kleerekoper, H. -2.1730*
Klein, D.A. -3.0284*
Klein, D.H. -2.0199*
Klein, E. -2.1281, 2.1282
Klein, J.R. -5.0528*
Klein, S.A. -3.0066
Klein, W.H. -5.0234*
Klein, W.L. -2.0714
Kleinhofs, A. -5.0732
Kleinman, M. -1.0744, 1.0745
Kleiner, V. -5.0222*
Kleppe, P.J. -3.0254*
Kline, J. -2.1001*
Klinge, A.F. -3.0156*
Kljajic, R. -4.0528
Klobe, W.D. -5.0077*, 5.0078*
Klostermeyer, E.C. -4.0898*
Klubes, P. -4.0584
Klucis, E.S. -5.0209
Knake, E.L. -4.0944*
Knapp, W.A. -4.0888*
Knappenberger, H.A. -2.0660
Knibbe, W.G. -3.0335
Knight, A.W. -2.0495
Knight, J.A. -1.0881
Knight, R.D. -2.0224
Knisel, W.G. -2.0388
Knittel, M.D. -3.0038*
Knittle, J. -5.0894
Knoerr, K. -1.0496
Knowle, C.O. -4.1066*
Knowles, D.B. -2.1146
Knox, J.M. -5.0686*, 5.0687, 5.0688
Knudsen, D. -2.1635
Knudson, J.I. -5.0275, 5.0276
Knudson, V.A. -2.1594*
Knuth, E.L. -1.0673*
Knutzen, T.K. -2.1181
Kobayashi, Y. -5.0397*
Kobezen, M.J. -4.0231
Koch, C. -1.0862
Koch, H.W. -6.0096*
Koch, P.D. -2.1225
Kociuba, L. -6.0106*
Koehrsen, L.G. -2.1329*, 3.0126
Koelliker, J.K. -2.1017
Koelzer, V.A. -2.1219, 2.1438, 2.1439, 2.1740, 2.1741
Koegel, E.J. -5.0410
Kohn, R.E. -1.0551*
Koide, M. -2.0052
Koivistoinen, P. -4.0937
Kokke, R. -2.0666*
Kolbeze, M.J. -4.0089
Kolbezen, M.J. -4.0238*
Kolega, J.J. -2.1205, 3.0096*, 3.0097*, 3.0098
Kolipinski, M.C. -2.0550*
Kollar, K.L. -2.1720*
Kollmann, G.J. -5.0579*, 5.0580
Kollmorgen, G.M. -5.0572
Kolodziej, B.J. -2.0723, 2.0724
Kon, H. -5.0367
Konishi, H. -1.0900
Konizeski, R.L. -2.0235*
Konzak, C.F. -5.0731*, 5.0732, 5.0733
Koo, F. -5.0601*
Koo, R.C. -2.1526*
Koon, J.L. -1.0306, 3.0058
Kopa, R.D. -1.0009
Kopczynski, S.L. -1.3099*, 1.0238*, 1.0283*, 1.0902*, 1.0903*
Kopec, M. -5.0598*, 5.0917*
Kopfler, F.C. -2.0465*, 2.0466*
Koplin, J.R. -2.1486*
Koppe, R.K. -1.0156
Koranda, J.J. -5.0004, 5.0008*, 5.0141
Koribel, S.F. -5.0093*
Korn, S. -4.0543, 4.0545, 4.0718
Kornegay, B.H. -2.0943
Korschgen, L.J. -4.0744*, 4.0745*, 4.0746*
Korth, M.W. -1.0100*, 1.0778*
Kosorok, J.R. -5.0963
Kosta, L. -4.0998*
Koszalka, M.F. -1.0115
Koszalka, T.R. -5.0587*
Kotaka, S. -1.0170
Kothandaraman, V. -2.0129*, 3.0130*
Kothandaraman, Y. -2.1009*
Kotrappa, P. -5.0051, 5.0448
Kott, Y. -2.0589*
Kountz, R.R. -3.0300*
Kouskolekas, C.A. -4.0209*
Kovach, J.J. -1.0165, 3.0404
Kovatis, P.P. -2.1333
Kovich, E.L. -5.0139
Kowal, N.E. -2.1772
Kown, B.T. -2.1337*
Kozlowski, T.T. -4.0519*
Kraemer, P.M. -5.0460
Krajewski, B. -1.0744
Kramer, A. -2.1290*, 3.0165*
Kramer, D. -5.0381
Kramer, H. -1.0496
Kramer, J.W. -2.0734
Kramer, L.B. -5.0316
Kraus, K.A. -3.0319*
Kraus, M.P. -5.0224
Krause, H.H. -3.0264
Krauze, R.W. -2.1840*
Kraut, J. -1.0872*
Kreisl, J.F. -3.0261*
Kremer, W.B. -5.0553
Krenkel, P.A. -2.0370*, 2.0371, 2.1099*, 2.1100*, 2.1419
Krestensen, E.R. -4.0347*
Kretchmar, A.L. -5.0618*
Kreul, E.J. -6.0070
Krey, P.W. -1.0744
Krickovic, S. -2.0759, 2.1401, 2.1402
Kriebel, H.B. -1.0414*
Kring, J.B. -4.0254*
Kringler, H. -3.0258
Krishnamoorthy, P.N. -5.0839*
Kristensen, H. -5.0026
Krizek, H. -5.0303
Krizek, R.J. -2.1004*
Kroeger, R. -6.0018*
Kroeger, W.C. -1.0483
Kroger, M. -4.0465*
Kroise, P.D. -2.0804*, 2.1103
Kronstadt, M. -1.0866
Krook, L. -4.0774
Kroopnick, P.M. -2.0564*
Krosch, H. -2.1603*
Krous, E.L. -2.1804
Krueger, A.P. -1.0170*
Krueger, R. -4.0042
Krueger, W.C. -5.0482*, 4.1114*
Kruger, J. -5.0215
Krumholz, L.A. -2.0162*, 2.1835*, 5.0038*
Kruse, R.E. -1.0727*
Krutchkoff, R.G. -2.0831*, 2.1925*
Kruuv, J. -5.0197*
Krygier, J.T. -2.0321, 2.0746*, 2.1680*
Kryter, K.D. -6.0069*, 6.0070*
Kuenzy, S. -5.0496
Kuan, S.S. -4.0629
Kubie, G.H. -1.0899*
Kucha, M. -2.1373
Kuchenreuther, R.B. -2.1130
Kuehner, A.V. -5.0892, 5.0893
Kuhlman, A.R. -2.0366*
Kuhn, A.J. -3.0120
Kuhn, P.M. -1.0024*
Kuhrt, L.C. -4.0264*
Kukainis, I.P. -2.0932
Kumamoto, J. -4.0563*
Kumar, H.D. -2.1549
Kumar, R. -1.0555*, 1.0556*
Kunishi, H.M. -5.0042*
Kunkle, L.E. -4.0806
Kunkle, S.H. -2.0406*, 2.0829*
Kunsman, J.E. -4.0523*
Kuntz, E. -5.0406*, 5.0407*
Kunze, G.W. -2.0948
Kuo, E.C. -2.0330
Kuroda, P.K. -1.0002*
Kurtenacker, S.S. -3.0045*
Kurtz, A. -4.0836*
Kuryllo, L. -1.0074
Kuschner, M. -5.0423
Kusler, J.A. -2.1934
Kust, C.A. -4.0520*
Kut, W. -1.0083
Kutzbach, J. -1.0434
Kuwabara, R. -5.0331
Kuyatt, C.E. -1.0691*
Kuzminski, L.N. -2.0906*
Kyle, B.G. -1.0560*
Laak, R. -2.0090*, 2.1203*, 2.1807
Laborde, J.H. -5.0582
Labauve, P.M. -5.0460
Labrecque, R.P. -3.0159*
Lacasse, N.L. -1.0418*
Lacefield, D.J. -4.0811
Lacey, R.E. -2.1143*
Lackey, E.W. -2.0542
Lackey, J.B. -2.0542*
Lacy, M.L. -4.0359*
Lai, C. -2.0339
Lake, S. -5.0136, 5.0137
Lakin, R.E. -2.1292
Lakshmanan, F.L. -4.0639*
Lakshmanan, S. -2.1578
Laleharari, I. -5.0843
Lamb, G.E. -2.0347
Lamb, G.M. -2.0003*
Lamb, R.G. -1.0010
Lambert, J.L. -1.0705*, 1.0706*, 2.0897*
Lambert, J.R. -3.0310*
Lambert, R.G. -2.0162, 5.0038
Lambert, T.W. -2.0602*
Lambie, J.A. -2.1179*
Lammi, J.O. -2.1892
Lamoreaux, P.E. -2.0003, 2.1146*
Lancaster, J.L. -4.0539*
Land, J.D. -2.0873
Land, L.S. -2.0815
Landon, R.A. -2.0341, 2.1007
Landsberg, A. -3.0396
Landsberg, H.E. -1.0354*
Lane, C.E. -4.0593*
Lane, C.W. -2.0592
Lane, R.K. -2.0975*
Laneman, G. -2.1421
Lang, E.W. -2.1144*
Langdale, G.W. -2.0391*
Langdon, W.M. -2.0891*
Lange, C.S. -5.0501*
Langer, A.M. -1.0226
Langford, J.C. -5.0084, 5.0963
Langguth, E. -5.0715*
Langham, W.H. -5.0052*, 5.0460
Langhorst, A. -1.0176
Langley, W.D. -2.0817
Langlois, A.E. -2.1032*
Langlois, B.E. -4.0623*
Langmuir, D. -2.0348, 2.0350*
Lantz, R.L. -2.1681*
Lanum, W.J. -1.0664, 2.1464
Lanzl, L.H. -5.0833*
Lara, J.M. -2.0061
Lardieri, N.J. -3.0159
Larimore, R.W. -2.1008*
Larkin, R.L. -1.0779*
Larosa, P.J. -2.1397
Larsen, F.E. -4.0505*
Larson, A.D. -4.0330*
Larson, F.C. -2.0369*
Larson, G.H. -3.0147*, 3.0148*
Larson, K.D. -2.1315*
Larsen, R.E. -3.0195*, 3.0196*

*INDICATES PRINCIPAL INVESTIGATOR

Larson, T.E. -2.0130*, 2.0134, 2.1264
Larson, V. -2.1287
Larson, W.C. -2.1047*
Larson, W.E. -4.0168*
Lasca, N.P. -2.0457*
Laster, M.L. -4.0690*, 4.0691*, 4.0692
Lathrop, K.A. -5.0873
Lathwell, D.J. -2.0269, 4.0056
Latino, V.G. -1.0382
Latner, N. -5.0878
Latta, W.C. -4.0662
Lau, L.S. -2.0565*, 2.1239*, 2.1540*
Laudani, H. -4.1019*
Lauderdale, R.A. -2.0161*
Laudon, T.S. -2.0458
Lauff, G.H. -2.0198
Laughlin, J.S. -5.0492*, 5.0493*, 5.0872*, 5.0873
Laurence, D. -2.0656
Laurendeau, N. -1.0005
Lauritzen, C.W. -2.1113*
Lauskey, L.M. -2.0720*
Lavender, D.C. -6.0050, 6.0116
Laver, M.L. -3.0397
Lavigne, R. -2.0768
Lavin, P.M. -2.0760
Lavy, T.L. -2.0239*
Law, J.P. -2.1081*, 2.1382*
Lawler, J.P. -2.0694*, 2.0695*
Lawrence, A.W. -2.[illegible]1*, 2.1384*
Lawrence, C.H. -1.0287
Lawrence, J. -2.0698
Lawrence, J.H. -5.0112*
Lawrence, J.M. -2.0001*, 2.1468*, 4.0003, 4.0004, 4.0529*
Lawrence, R.W. -5.0966
Lawson, F.R. -4.0743*
Lawson, R.L. -5.0681
Lawwill, T. -5.0337*
Lazarchik, D.A. -2.1902
Lazarow, J. -1.0087
Leach, L.E. -2.0735, 2.1082
Leach, L.J. -5.0502*
Leachman, R.B. -4.0320*
Leadley, S.M. -2.1403
Leahu, C. -2.1265*
Leak, V.G. -3.0382
Leckie, J.O. -2.1582
Leclerc, E. -1.0003*
Ledbetter, J.O. -2.1422
Ledford, R.A. -4.0769*
Lee, F.S. -2.0594*
Lee, G.A. -4.0201, 4.0524*, 4.0525*, 4.0526*
Lee, G.B. -2.0858
Lee, G.F. -2.0440, 2.0447*, 2.0448*, 4.0076*
Lee, J.J. -2.0693*, 2.1651*
Lee, J.L. -2.1652*
Lee, P. -1.0596
Lee, R.E. -1.0101*, 1.0780*, 1.0781*
Lee, S.S. -4.0821
Lee, W. -2.0609
Lee, W.O. -4.0457*
Lee, W.R. -5.0339*, 5.0340*
Lee, Y.C. -5.0150
Leeling, N.C. -4.0674*, 4.1046, 4.1049*, 4.1050*
Leffland, K.W. -1.0476*
Legg, J.C. -4.0320
Leggett, W.C. -2.1515*
Legrand, H.E. -2.1660*
Lehmann, J.F. -6.0119
Lehmann, W.F. -3.0397
Leibman, M. -1.0491
Leif, R.C. -5.0252*
Leipzig, A.D. -3.0071*
Leiss, J.E. -5.0242*
Leith, J.T. -5.0114, 5.0121, 5.0123, 5.0124, 5.0126
Leitis, E. -4.0556
Leland, B.J. -4.0028*
Leland, H.V. -2.0131*, 4.0031*
Leland, J.H. -2.1867
Lelly, W.S. -2.1444
Lembke, W.D. -2.0894
Lemke, R.W. -2.0065*
Lendo, A.C. -2.0682*
Lenzy, L. -2.0957*
Lengemann, F.W. -5.0053, 5.0055*, 5.0566*
Lenger, V. -5.0222
Lentz, P.E. -5.0343
Lenz, R.W. -2.1294
Leon, S.A. -5.0580
Leonard, C.D. -1.0340*, 1.0341*
Leonard, D. -1.0718*
Leonard, D.A. -1.0719*
Leonard, D.E. -4.0633
Leonard, J.M. -5.0761
Leonard, R.B. -2.1556*
Leonard, R.E. -6.0041*, 6.0099
Leonard, R.L. -2.1807*, 3.0096
Leone, D.E. -2.0084
Leone, L.A. -1.0365, 1.0366
Leontief, W.W. -2.1848*
Lepera, M.E. -1.0059*, 2.1033*
Lerner, R.A. -5.0178
Lerner, S. -5.0943
Leroy, J.H. -2.1707
Lesage, -6.0029
Lessell, S. -4.0655*
Lentz, S.S. -1.0640
Letey, J. -2.0044*
Lett, J.T. -5.0209*
Leuck, D.B. -4.0602*
Leung, C. -5.0586
Levan, J. -5.0836*
Levin, G.E. -2.0612*
Levin, G.V. -3.0102*, 3.0103*
Levin, M.A. -2.0781, 2.0784*
Levine, B. -2.0772*
Levinson, A.A. -2.0056*
Levit, G.M. -5.0265
Levitek, M. -4.0998
Levy, A. -1.0118*
Lewallen, M.J. -4.0026*
Lewin, J. -2.1767*
Lewis, C.F. -2.0976
Lewis, D.D. -2.0019
Lewis, D.M. -1.0079
Lewis, F.H. -4.0466*
Lewis, G.C. -4.0102*
Lewis, J.P. -1.0172, 5.0135*
Lewis, M.F. -4.0815
Lewis, P.S. -1.0662
Lewis, R.F. -2.1363
Lewis, R.J. -4.0179*
Leyden, D.E. -2.0554*
Li, W.H. -3.0032
Liang, G.H. -4.0321*
Liang, T.T. -4.0200
Liau, C. -5.0120, 5.0152
Libby, F.J. -2.0016
Libby, J.L. -4.0911, 4.1132*
Liberson, S. -5.0477
Licastro, P. -2.0760
Lichtenstein, E.P. -4.0200*, 4.1133*
Liciitin, N.N. -5.0327
Lick, W.J. -2.1076*
Liebhold, K. -6.0088*
Liebler, R.A. -1.0554
Lienk, S.E. -4.0414*
Lifshitz, A. -1.0897
Liggett, J.A. -2.0689*
Lightfoot, E.N. -2.1461
Lighthart, B. -1.0433*
Likens, G.E. -2.0690*
Liljedahl, L.A. -5.0355
Lillard, D.A. -4.0599*
Lillie, R.J. -1.0352*, 4.0640*
Lim, D.J. -6.0101*
Lin, C. -1.0856
Lin, H. -1.0883
Lin, J.D. -2.1519*
Lin, J.L. -5.0088
Lin, S.D. -3.0129
Lin, T. -5.0341
Lincer, J.L. -4.0767
Linck, A.J. -4.0368*, 4.0683*
Lind, C.T. -1.0410*
Lind, E. -3.0126
Lind, O.T. -2.1736*
Lindahl, I.L. -4.0641*
Linde, A.F. -2.0435*
Lindenbaum, A. -5.0281*
Lindfors, P. -5.0609
Lindman, S. -2.0589
Lindrop, P.J. -5.0713
Lindsay, B.P. -2.0609
Lindsay, D. -6.0043
Lindsey, W.L. -3.0091*
Lindsey, G.D. -4.0604
Lindsten, D.C. -2.0953*
Lindvall, R.M. -2.0066*
Lindsut, J.A. -5.0112
Linhart, S.B. -4.0577*
Link, K.P. -4.0996*
Link, L.E. -2.1547*
Link, W. -1.0670*
Linn, M.B. -4.0945*
Linscott, D.L. -4.0419*
Linstedt, K.D. -2.1197*
Liotta, C.L. -2.1235*
Lipper, R.I. -2.1278*, 3.0148, 3.0149
Lippmann, M. -1.0230
Lipscomb, B.G. -2.0137*
Lisitza, M. -4.0200
Lisk, D.J. -4.0770*, 4.0774
Litka, B.J. -4.0617*
List, A. -1.0415*
List, R.J. -1.0025*, 1.0713
Lister, M.R. -3.0080
Litsky, W. -2.0177*
Litt, M. -1.0212
Littbrand, B. -5.0609
Littorst, C.L. -4.0200
Little, A. -5.0316
Little, C.G. -6.0054*
Little, J.B. -5.0383*, 5.0384*, 5.0855*
Littlepage, J.L. -5.0785
Liu, B.Y. -1.0732, 1.0893*
Liu, L.C. -4.0170*
Liu, O.C. -2.0776, 2.0785*, 2.0786*, 2.0787*, 2.0941*, 2.0942
Liu, Y.P. -4.0650
Live, T. -5.0398
Lively, L.D. -2.0310, 2.0737, 2.1382, 3.0269*
Livengood, C.D. -2.1357, 2.1358
Liverman, J.L. -2.1812*, 2.1917*
Livermore, D.F. -2.1135
Livingston, R.B. -2.0178*
Ljones, T. -2.0439
Llaure, J. -2.0014
Lloyd, C.W. -5.0081
Lloyd, J.W. -5.0044, 5.0362
Lloyd, R.D. -5.0720*, 5.0721*, 5.0722*, 5.0723, 5.0727, 5.0952*
Locascio, S.J. -4.0265*
Lockard, D. -2.0667*
Locke, S.B. -4.0506*
Locklin, D.L. -1.0119*, 1.0120*
Lockwood, J. -1.0126
Lodge, J.P. -1.0741
Loeb, H.A. -4.0776*
Loehr, R. -5.0142
Loehr, R.C. -2.1346*
Loevinger, R. -5.0873
Lof, G.O. -2.1201*
Lofstedt, B. -6.0109*
Loftin, L.K. -6.0019*, 6.0020*, 6.0117*
Lofton, J.T. -2.1284*
Lomax, C.C. -2.1125*
London, J.E. -5.0459, 5.0866
Long, A. -2.0475*, 3.0408
Long, C.E. -4.0322*
Long, J.T. -3.0081, 3.0082
Long, R. -1.0149*
Long, R.J. -4.0611
Long, T.V. -2.0764*
Longhouse, A.D. -3.0342*
Longwell, J.P. -1.0131*
Lonhworth, J.G. -1.0483
Lonsdale, E.M. -2.1784*
Loomis, R. -1.0482*
Loosli, C.G. -1.0179*, 1.0180*
Lopes, C.H. -5.0099
Lopez, -2.1531
Lopez, P.L. -2.0220
Lopezroman, A. -1.0709
Lopp, I.G. -1.0879
Lord, R.L. -3.0126
Lord, W.B. -2.1936*
Lorio, W. -2.0654
Lotze, E.G. -2.0167*
Lotspeich, F.B. -2.1474*
Lott, R. -2.0372
Loucks, D.P. -2.1879*, 6.0060*
Loucks, O.L. -2.0644
Loughman, W.D. -5.0776

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Love, R.A. -5.0894, 5.0895
Love, R.J. -6.0048*
Loveland, P.M. -3.0397
Loveless, L.E. -1.0218*
Lovell, H.L. -2.0937*, 3.0304
Lovell, R.T. -3.0374*
Lovely, W.G. -4.0111*
Low, J.B. -2.0396*, 2.0397*, 4.0882
Low, M.J. -1.0596*, 1.0742
Lowbeer, A.D. -5.0117
Lowder, W.M. -5.0881
Lowe, J.I. -4.0595*
Lowell, P.S. -1.0650*
Lowry, W.P. -1.0837*
Lu, J.Y. -4.0533
Lubker, R.E. -3.0382
Lucas, -6.0029
Lucas, G.B. -4.0800*
Lucas, G.G. -1.0150*
Lucas, H.F. -1.0196, 5.0282*
Lucas, J.C. -6.0043*
Lucchesi, A.J. -1.0083
Lucier, G.W. -4.0650
Luckman, W.H. -3.0134*
Luckmann, W.H. -4.0029
Ludington, D.C. -3.0235*, 3.0236*, 3.0237*
Ludovici, P.P. -2.0476*
Ludwig, C. -1.0679*
Ludwig, H.F. -2.0874*, 2.1164*
Ludwig, J.P. -2.1856*
Luebs, R.E. -3.0076
Lugo, A. -5.0031
Luippold, H.E. -4.0854, 5.0927
Lukas, J.S. -6.0069
Lukens, H.R. -2.0501*
Lukens, J.E. -2.0760
Lukens, R.J. -4.0252
Lull, H.W. -2.1089*
Lumb, A.M. -2.0115
Lundgren, D. -1.0538
Lundgren, D.G. -2.1088*
Lundgren, D.L. -5.0439*
Lundin, F.E. -5.0044*, 5.0362*
Lupton, R. -2.0698
Lushbaugh, C.C. -5.0627*
Luttges, M.W. -5.0201*
Lutz, J.F. -2.0294*, 2.0295*, 4.0060*, 4.0155
Lux, G. -2.1130
Luz, G.A. -6.0083*
Lykken, L. -4.0548, 4.0999
Lyman, C.M. -4.1119*
Lyman, J.T. -2.1886*, 5.0113, 5.0121, 5.0123, 5.0124, 5.0126
Lynch, J. -2.1404
Lynd, J.Q. -4.0[illegible]*
Lynfield, Y.L. -5.0477*
Lynn, R.I. -2.0398*
Lynn, W.R. -2.1879
Lyon, W.A. -2.1902*
Lysons, H.H. -1.0656*
Lytle, C.D. -5.0371*
Lytollis, I. -1.0151
Ma, Y.H. -1.0567*, 1.0722*
Macagno, E.O. -2.1021
Macaulay, H.H. -2.1913*, 2.1914*
Maccabbee, H. -5.0113*
Maccollom, G.B. -4.0498*
Maccormick, A. -2.1933
Macdonald, F.W. -3.0154*
Macdonald, J.C. -5.0795*
Macdonald, J.R. -4.0320
Macdonald, N.S. -5.0155*
Macduff, J.N. -6.0062*
Macek, K.J. -4.0714*, 4.0715*, 4.0716*, 4.0717*, 4.0718*
Macewen, P.K. -2.0678*, 2.1644*
Machta, L. -1.0479*, 1.0713*
Macintyre, W.G. -2.0411, 2.1122
Mack, F.K. -2.0169*
Mack, G. -2.1130
Mack, G.L. -4.0149*, 4.1080
Mack, W.N. -2.0635*
Mackin, J.L. -2.0494*, 2.0495, 5.0789*
Mackson, C.J. -3.0186*
Mackworth, N.H. -1.0182
Maclean, D.C. -1.0383
Maclinn, W.A. -4.1075*
Macphee, C. -2.1545
Macpherson, A.S. -2.1161
Madden, J.M. -2.0361
Markowa, T. -5.0498
Mage, J. -1.0728
Maggenti, A.R. -4.0239*
Magie, R.O. -4.0586*
Magnuson, J.J. -2.1780*
Magnuson, M. -2.0155
Mah, R.A. -3.0251*
Mahan, W.M. -3.0382
Mahlman, J.D. -1.0014*
Mahlum, D.D. -5.0743*, 5.0744*
Mahmoud, K. -2.0393*, 2.1110*
Mahnken, C. -2.1762
Mahoney, G.W. -3.0272
Mahoney, J.R. -1.0714*
Maier, J.G. -5.0239*
Maier, W.J. -2.1313*
Mallie, H.D. -5.0888*
Malmen, I.S. -1.0707
Majeau, D. -6.0084
Makar, H.V. -3.0163*, 3.0378
Maki, T.E. -2.1892*
Makinodan, T. -2.1722*
Makovsky, L.E. -3.0404
Maloney, G.W. -2.1099
Malcolm, A.R. -4.0840, 4.1108
Malde, H.E. -2.1803*
Males, R.M. -2.0963*
Maletic, J.T. -2.0067*, 2.0513*, 2.1804
Malhotra, S.K. -2.1463*
Malina, J.F. -2.1422, 3.0400
Malisch, W.R. -2.1325*
Malkinson, F.D. -5.0300*
Malling, H.V. -4.0855*
Mallory, C.W. -2.1038*
Malone, B. -5.0628
Malone, C.R. -5.0075
Maloney, J. -5.0852*
Maloney, T.E. -2.0790*, 2.1702, 2.1703
Maiphrus, L.D. -4.1110*
Maltzy, K.W. -2.0332, 2.0334, 2.0338
Mamoon, A.M. -5.0114*
Manahan, S.E. -2.0221*, 2.0656*, 2.0657*
Mancini, J.F. -1.0383
Mancini, P. -5.0215
Mancuso, T.F. -5.0589*, 5.0757
Mancy, K.H. -2.0623
Mandel, H.G. -4.0584*
Mandelli, E.F. -2.0724, 2.1733*
Mandels, M.H. -3.0381*
Mandl, R.H. -1.0383
Maneri, C.S. -1.0102*
Maneval, D.R. -2.0347*, 2.1391*, 2.1392*, 2.1393*
Mangers, H.L. -2.1026*, 3.0148, 3.0149*
Mann, A.R. -3.0144
Mann, J.D. -4.0230, 4.0236, 4.0240*
Mann, S.J. -5.0585
Manning, J.H. -2.0610*, 2.1571*
Manning, R. -1.0211
Manning, W.J. -4.0355*
Mansell, R.S. -2.0098, 2.0099, 2.1228, 4.0094*
Mar, B.W. -2.0428*, 2.1127*, 2.1130, 2.1927
Marable, J.H. -5.0641
March, P.B. -4.0242, 4.0932
March, R.P. -3.0238*
Marcus, M. -2.0251*
Marcusiu, E.C. -2.0580
Marcuson, P. -2.0229*
Marding, C.V. -5.0412*
Marek, R. -2.0824
Margeson, J. -1.0692*, 1.0693*
Margie, J. -1.0638
Mariani, H.A. -2.0613
Mariani, M.A. -2.0614
Marienfeld, C.J. -1.0217*
Marinelli, L.D. -5.0271, 5.0291, 5.0825*
Marinescu, A. -5.0068
Marion, W.W. -4.0308, 4.1028*
Mark, H.B. -2.0630*
Markee, E.H. -5.0035
Markov, F. -5.0080*
Marks, B. -5.0626
Marks, D.H. -2.1849*
Markus, F. -5.0282
Markus, F. -2.1261
Marland, F.C. -2.1000*
Marlatt, W.E. -1.0332*
Marler, P.R. -6.0097*
Marlette, R.R. -2.0665*
Marquardt, H. -5.0178
Marquardt, W. -2.0522
Marriott, L.F. -3.0296
Marshall, J.H. -5.0283*
Marshall, J.S. -2.1707*
Marshall, L.C. -1.0345*
Marshall, L.S. -2.1366
Marshall, N. -2.0773*
Marshall, W.F. -1.0124, 1.0125, 1.0620*
Martell, A.E. -2.1109*
Martin, A. -5.0113
Martin, D. -2.1455*, 2.1637, 5.0820
Martin, D.F. -4.0694*
Martin, D.L. -2.1578
Martin, E.J. -2.1078*
Martin, G.M. -1.0607*
Martin, G.R. -2.0903
Martin, J. -1.0376
Martin, J.A. -5.0071
Martin, J.H. -2.1843*
Martin, J.P. -4.0085*, 4.0088*
Martin, J.R. -5.0008
Martin, L. -4.0596*
Martin, L.R. -2.1859*
Martin, P.G. -5.0669*
Martin, R.C. -2.1684, 2.1885
Martin, T.P. -5.0858*
Martin, W.J. -4.0129, 4.0369
Martineau, P. -5.0108
Martinek, F. -2.1739
Martinez, A. -5.0600
Martinozzi, M. -5.0329
Marwitz, J.D. -1.0438
Masch, F.D. -2.1106*, 2.1107*, 2.1108*
Mason, D.G. -2.1392, 3.0355*
Mason, J.W. -2.0854*
Mason, R.G. -1.0530*
Massaro, E.J. -2.0259, 2.1647*
Massy, A.N. -2.0879*, 2.1186*, 2.1367*, 2.1368*, 2.1369*, 3.0075
Master, I.M. -2.0547
Masuda, T. -5.0298
Matanoski, G.M. -5.0351*
Mateiski, R.P. -3.0301*
Mathieson, A.C. -2.0670*
Mathis, B.J. -2.0125*
Mathre, D.E. -4.0965*
Matlock, W.G. -2.0019, 2.1155
Matsui, K. -5.0520
Matsumura, F. -2.0438, 4.0075, 4.0198, 4.0915*, 4.0916*
Matteson, M.J. -1.0549*
Matthews, R.H. -4.0953
Mattick, L.R. -4.1079
Mattson, J.S. -2.0630
Matula, R.A. -1.0130*
Mauck, W.L. -4.0720
Mauderly, J.L. -5.0426, 5.0435, 5.0442, 5.0449
Maurice, J.M. -3.0402
Maxfield, J.E. -4.0143*
Maxwell, A. -5.0690
Maxwell, F.G. -4.0689
Maxwell, G. -2.0271
Maxwell, J.C. -2.0227*
Maxwell, W.H. -2.1010*, 2.1011*
May, D.S. -2.0413, 3.0286*
May, H. -5.0825
May, H.A. -5.0285
May, K.N. -4.1016*
May, L.G. -1.0303*
Mayer, F.L. -4.0696, 4.0719*, 4.0720*, 4.0721*, 4.0722*, 4.0723*, 4.0741
Mayer, J. -2.0466
Mayer, P.G. -2.1236*
Mayes, H.F. -3.0203*
Mayfield, W.D. -1.0586
Maynard, A.W. -3.0379
Mayo, L.H. -6.0076*
Mays, C.F. -2.1553
Mays, C.W. -5.0719, 5.0720, 5.0721, 5.0722, 5.0723*, 5.0952, 5.0953*, 5.0954*
Mazarovich, M. -2.0491
Mazel, P. -4.0584
Mazelis, M. -1.0311*
Mazrimas, J.A. -5.0140
Mazurak, A.P. -2.1053, 3.0008
Mazurkiewicz, M.A. -2.1569
Mazzarella, M.A. -1.0190*

*INDICATES PRINCIPAL INVESTIGATOR

McAfee, H.D. -2.0807*, 2.1420*
McAlevy, R.F. -1.0074*
McAllen, B.J. -2.1570*
McAllen, E.J. -2.0606
McAllister, C.D. -2.1462
McAllister, R.F. -2.1226*
McAllister, W.A. -1.0619*, 1.0904*
McBain, B. -4.0548
McBee, G.G. -4.0490*
McCabe, L.J. -2.1075*
McCaldin, R. -1.0695*
McCallin, T.M. -2.0240*, 2.0241*, 2.0242*, 2.1549*, 3.0213*, 3.0389*
McCallum, M.E. -2.0521
McCarroll, J. -1.0304*
McCarthy, J.H. -1.0029*
McCarthy, J.L. -2.1448*
McCarty, P.L. -2.0043*, 2.1184*
McCaskey, T.A. -3.0059*, 3.0060*
McCaskill, O.L. -1.0586*
McCauley, J.E. -2.0320
McClanahan, B.J. -5.0955
McClanahan, M.A. -2.0115*, 2.0999, 2.1235
McCleave, J.M. -2.0609
McClellan, R.O. -5.0425, 5.0426, 5.0427, 5.0428, 5.0429, 5.0431, 5.0432, 5.0433, 5.0435, 5.0436, 5.0440*, 5.0441*, 5.0442*, 5.0443, 5.0449
McClelland, N.J. -2.0623
McCleod, M.K. -1.0084*
McClure, F.J. -2.0903
McClure, G.W. -4.0153
McColloch, R.J. -4.0527*
McComas, M.R. -2.1006
McConahey, P.J. -5.0178
McConnell, R.J. -2.1763
McConnell, T.S. -5.0453
McConnell, W.J. -2.0018*, 2.1480*
McConnon, D. -5.0957
McCormack, M.L. -4.0497
McCormick, J.F. -5.0542*, 5.0543*, 5.0544*, 5.0545*, 5.0546*, 5.0547*, 5.0548*
McCormick, R.A. -1.0026*
McCormick, W.C. -4.0603*
McCoy, E. -2.0449*, 2.1481, 3.0348
McCree, D.H. -1.0633, 1.0842
McCulloch, D. -2.0970*
McCulloch, E.A. -5.0196*
McCune, D.C. -1.0383
McDaniel, M.D. -2.0659*, 2.1622*, 2.1623*
McDonald, D.B. -2.0150*, 2.1018*
McDonald, K. -5.0210
McDonald, W.R. -3.0402
McDonnell, A.J. -2.0765*, 2.1088*
McDonough, L.M. -4.0994*, 4.1130*
McDowell, L.L. -2.0215*, 2.0653*
McElroy, F. -1.0782*, 1.0783*
McErlean, A.J. -2.1574, 2.1575
McErlean, A.M. -2.1576
McFarland, C.R. -1.0199
McFarland, L.Z. -4.0557*, 4.1001
McFee, A.F. -5.0670*
McGaughey, P.H. -2.0034*, 3.0066
McGee, D. -4.0368
McGee, L. -2.0405
McGinity, R.T. -1.0476
McGowan, J. -2.1191*
McGowan, J.W. -5.0190*
McGregor, D.J. -2.0798
McHenry, J.R. -2.0213, 2.0216*, 2.0653
McIlhenny, W.F. -2.1733
McIntire, C.D. -2.0747*, 2.1682*, 2.1685, 2.1686
McIntire, M.S. -1.0219*
McIntyre, D.R. -5.0011
McIntyre, J. -5.0626
McIntyre, S.C. -4.0530*
McKay, G. -2.1298
McKee, H.C. -1.0843*, 1.0844*, 1.0845*, 2.0824*, 2.0825*, 2.1734*
McKee, J.E. -2.1185*
McKee, J.W. -2.0458*
McKenna, E.J. -4.0030
McKenney, J.R. -5.0263*
McKeown, J.P. -2.0211*, 2.1609*
McKie, W.T. -2.1612*
McKinley, T.W. -5.0646
McKinley, W.A. -5.0890*
McKinney, D.F. -5.0413
McKinney, J.T. -4.0421, 4.0793*
McKinney, L.E. -2.1274*
McKinney, W.A. -3.0326
McKnight, M.E. -4.0433*
McLarney, W.O. -2.1498
McLaughlin, J.E. -5.0880*, 5.0881*
McLaughlin, R.T. -3.0174*
McLay, R.W. -2.1739*
McLean, E.O. -2.0302
McMahon, D.L. -2.1075
McMahon, V.A. -4.0527
McManus, D.A. -2.1765
McMichael, K.D. -1.0157
McMichael, T.J. -2.0015*
McMillan, A.D. -2.1026
McMillan, G.R. -1.0905*, 1.0906*
McMillan, L.G. -2.1082*, 4.0062
McNabb, C.D. -2.0634, 2.1304*
McNown, J.S. -2.1833*
McNutt, B.D. -1.0572*
McPherson, J.C. -1.0195
McPherson, M.B. -3.0244*
McRae, D.L. -5.0902*, 5.0903*
McRay, C.P. -2.1476
McWhorter, C.G. -4.0377, 4.0382*
McWhorter, J.C. -2.1316
Means, D.H. -2.1915
Mechaim, B.J. -2.1792
Mee, L.K. -5.0379
Meek, B.D. -2.1171
Meenaghan, G.F. -3.0321
Megard, R.O. -2.0641*, 2.1050*
Meggitt, W.F. -4.0360*
Mehlhretter, C.L. -2.0126*
Mehr, E. -2.1066*
Mehrle, P.M. -4.0697, 4.0723, 4.0724*, 4.0725*
Mehta, D. -1.0538
Meichtry, T. -2.1181
Meier, W.L. -2.1426*
Meiman, J.R. -2.0079*
Meiners, A.F. -2.1321*
Meinch, M.V. -4.0539
Mei, H.C. -5.0115*, 5.0116*
Meicher, N.B. -3.0382*
Meidrim, J.W. -2.1648
Melhorn, W.N. -2.1829*
Mellor, A.M. -1.0557*
Melnick, J.L. -2.0821*
Meloon, C.E. -2.0898*
Melsted, S.W. -2.0580*
Mena, I. -2.0276
Menduke, H. -5.0586
Menear, J.R. -6.0087*
Menendez, R. -2.0850*, 2.1131*, 2.1132*
Menges, R.M. -4.0186*
Menn, W.G. -4.0490
Menneken, C.E. -5.0166*
Menser, H.A. -1.0353*
Menzel, D.W. -2.0560*
Menzel, R.G. -2.0314*, 5.0043*
Menzer, R.E. -2.0174, 4.0348*, 4.0349*, 4.0650*, 4.0958*, 4.1042*
Mercer, T.T. -1.0236*, 5.0502
Mercer, W.A. -2.1165, 2.1166, 2.1217*, 2.1218*
Meredith, D.S. -1.0045
Mericle, L.W. -5.0408*
Mericle, R.P. -5.0408
Merkelo, H. -1.0348*
Merkle, M.G. -4.0182, 4.0484, 4.0485
Mermagen, H. -5.0888
Merna, J.W. -4.0662, 4.0678*, 4.0679*
Meroney, R.N. -1.0030*, 1.0031*
Merrell, T.R. -4.0534*
Merriam, G.R. -5.0485*
Merrill, C.C. -3.0390*
Merritt, E. -3.0322*
Merritt, G. -2.0340*
Merritt, G.E. -2.1063
Merryman, E.L. -1.0118
Mersch, J. -1.0514*
Merton, R. -2.1882
Meserve, R.L. -3.0172
Metcalf, R.L. -1.0052*, 2.0132*
Metcalf, T.G. -2.0671*, 2.1331
Metzger, J.L. -1.0164
Mewissen, D.J. -5.0302, 5.0307
Meyer, C.B. -1.0164*
Meyer, F.P. -4.0540*
Meyer, R.L. -2.0022*
Meyer, W.E. -1.0640*
Meyers, G.A. -2.0363
Meyers, P.G. -3.0095*
Meyers, S.P. -2.0603*, 3.0153*
Metzger, F. -1.0839*
Mezzanotte, M.G. -2.0154
Micale, F.J. -2.1390*
Michaelson, S.M. -5.0503*, 5.0507
Michel, J. -2.1809
Michelsen, D.L. -2.1441*
Michelsen, R.A. -5.0804*
Mick, D. -2.0150
Micka, A. -5.0597*
Mickey, G.H. -5.0216*, 5.0217*
Middaugh, P.R. -2.0796*, 3.0312*
Miele, R. -2.0879
Mieszkowski, P. -6.0055
Miettinen, J.K. -2.0094*, 2.0095*, 5.0030*
Migheli, J.L. -2.1761
Migliori, A. -5.0001
Mihok, E.A. -1.0630
Milbursky, J.A. -2.1574*, 2.1575*, 2.1576*
Mikuls, F.P. -3.0409
Mikuta, R. -2.1796*
Mikutaj, L. -5.0220*
Milbocker, D. -4.0328
Miles, G. -1.0001*
Miles, H.M. -2.1783*
Miles, J.D. -4.0295*
Miles, J.T. -3.0316
Miles, N.W. -4.0323*
Miles, S.A. -3.0080*, 3.0081*
Milham, R.C. -5.0919
Milholland, R. -4.0428*
Millar, H.C. -1.0152, 2.0399*
Millar, W.N. -2.0432*, 3.0405
Millemann, R.A. -4.0825*
Millemann, R.E. -4.0826*
Miller, A. -1.0178, 1.0874
Miller, A.J. -2.1721
Miller, A.P. -2.0012, 2.0960*
Miller, C. -2.0320, 5.0120
Miller, C.S. -4.1120*
Miller, C.W. -4.0024*
Miller, D.D. -4.0762*
Miller, E. -2.1846*
Miller, E.C. -3.0191*
Miller, G.C. -2.1663*
Miller, G.W. -1.0427*
Miller, H. -1.0515*, 2.1389
Miller, J. -6.0091*
Miller, J.D. -2.0403*
Miller, J.H. -4.0244*
Miller, J.J. -2.1292
Miller, J.K. -5.0671*
Miller, J.P. -5.0873
Miller, K. -5.0931
Miller, K.J. -2.1177
Miller, L.L. -4.1010*
Miller, L.T. -2.0774*
Miller, M. -5.0287
Miller, M.S. -1.0677
Miller, M.W. -5.0504*
Miller, P.D. -5.0264*
Miller, R.D. -2.0068*
Miller, R.H. -5.0063*
Miller, R.L. -1.0301*, 2.1350
Miller, R.W. -4.0255*
Miller, S.F. -3.0078*
Miller, V.L. -4.0196*
Miller, W.E. -2.0336
Miller, W.R. -2.0922
Millham, C.B. -2.1928*
Milliman, P. -6.0036*
Mills, C.H. - 6.0049*, 6.0050*, 6.0116*
Mills, D.M. -5.0205*
Mills, H. -2.1770*
Milne, C.M. -3.0208*
Minato, S. -5.0685
Minch, V.A. -3.0315
Miner, F.D. -4.0216*
Miner, J.R. -2.1017, 3.0007*, 3.0144*, 3.0145*
Minger, F. -2.1885
Mink, L. -2.0573
Minkler, J.L. -5.0139
Mintz, D.S. -4.0726*

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Miras, C.J. -5.0265*
Miro, M. -5.0883
Mise, T. -3.0323*
Mistric, W.J. -4.0429*
Mitchell, A.E. -4.0361*, 4.0362*
Mitchell, E. -1.0593*
Mitchell, R. -2.1041*, 2.1919
Mitchell, R.E. -2.1787*
Mitchell, S. -1.0566
Mittler, S. -5.0310*
Mizell, S. -5.0840*
Moats, W.A. -4.0955*
Mock, C.R. -2.0384
Modak, A. -1.0005
Modig, H. -5.0609
Moe, P.G. -2.0141*
Moebs, N.N. -2.1401*, 2.1402*
Moelwynhughes, J.T. -1.0866
Moffitt, H.R. -4.0993*
Moghissi, A.A. -5.0420*
Moh, C.C. -5.0218*, 5.0219*
Mohamed, A.H. -4.0051*
Mohanka, S.S. -2.1111
Mohn, M.H. -4.1009
Mohnen, V.A. -1.0741*
Moldenhauer, W.C. -2.0147*
Molina, J.A. -3.0006
Molinaro, M. -5.0329
Momeni, M. -5.0134
Momot, W.T. -2.0722
Monesi, V. -5.0329*
Monke, E.J. -2.1015*, 4.1026*
Monkmeyer, P.L. -2.0450*
Monn, E.P. -2.1292
Montagna, D. -3.0378, 3.0379
Monteith, L.E. -1.0161
Montgomery, M.L. -4.0453, 4.0458, 4.0979
Monteure, J.E. -4.0610*, 4.1023*
Moody, D.W. -2.0342*
Moody, H.L. -2.0543*
Moon, D.H. -4.0727
Moore, C.A. -2.0578
Moore, C.R. -3.0258*
Moore, D. -2.0384
Moore, H.B. -2.1530*, 2.1531*, 4.0971*
Moore, J.A. -3.0191, 3.0197*, 4.0785, 4.0794*
Moore, J.E. -5.0691
Moore, R.K. -2.0593*
Moore, T.D. -2.0759*
Moore, T.H. -2.0826*
Moore, V.P. -1.0587*, 3.0202*
Moran, P.R. -5.0964
More, T. -3.0323
Moreau, R. -1.0897
Moreland, D.E. -4.0430*
Morgan, C.A. -1.0846
Morgan, D.P. -4.0642*, 4.0643*
Morgan, G. -5.0072
Morgan, P.E. -2.0896*, 3.0398*
Morgan, R.E. -5.0092*
Morgan, R.H. -5.0850*
Morgan, T.V. -1.0879
Morgan, W.H. -3.0109
Morgareidge, K. -4.0777*
Morimoto, E. -5.0782*
Morin, L.P. -2.1472*
Morishita, F.S. -4.0235
Morita, R.Y. -2.0323*, 2.0324
Morken, D.A. -5.0505*
Morokuma, K. -1.0900*
Moroz, W.J. -1.0136*
Morris, A.C. -5.0923*
Morris, J.C. -2.1041, 3.0410*
Morris, L. -2.1633*, 2.1634*
Morris, M.A. -1.0313
Morris, R.J. -2.0243*, 4.0052
Morrison, G. -2.0791*
Morrison, S.M. -2.0521, 2.1202*, 3.0092*
Morrison, W.H. -1.0880
Morrow, J.E. -2.1477*
Morrow, P.E. -1.0598*
Morse, R.A. -4.0771*
Morse, R.S. -5.0058, 5.0883
Morse, W.O. -2.0337
Mortland, M.M. -4.0126, 4.0127*
Morton, H.L. -4.0491*
Morton, J.B. -1.0917*
Moseley, M. -1.0302
Moses, H. -1.0046, 1.0047*, 1.0344, 1.0700*, 2.0122
Mosier, S.A. -1.0547*
Moss, B. -2.0636*
Moss, I.R. -1.0231
Moss, R.L. -5.0568*, 5.0569*
Motz, D.J. -2.1450
Moulik, S.P. -2.0872
Moulton, G.C. -5.0253*
Moulton, L.K. -3.0405*
Moy, E.C. -2.0613, 2.0614
Moy, J.E. -3.0382
Moye, H.A. -4.0267, 4.0268, 4.0941*
Moyers, J.L. -1.0138
Mraz, F.R. -5.0672*, 5.0673*
Mrozinska, K. -2.0704
Mudd, J.B. -1.0183*
Muehlberger, W.R. -2.0815*
Mueller, E.W. -2.0007*, 2.0959, 2.1474, 3.0061, 3.0062, 3.0063
Mueller, G.A. -5.0683
Mueller, H.F. -2.1264
Mueller, L.A. -3.0363*
Mueller, P.K. -1.0004*, 1.0671
Muff, J.S. -2.1428
Muggenburg, B.A. -5.0443*
Muirhead, W. -5.0188*
Mukai, M. -1.0006
Mukherjee, R. -5.0103
Mulawka, S.T. -2.1697
Mulay, I. -1.0293
Mulbarger, M.C. -2.1370*
Mulla, M.S. -4.0564*, 4.1006*
Mulligan, H.F. -2.0266*, 2.1650*, 4.0056
Mulligan, T.J. -2.1243
Mullins, J.A. -4.0068*
Mumma, R.O. -4.0467*
Mumme, K.I. -2.1030*, 2.1836
Mundinger, P.C. -6.0097
Mundt, J.O. -3.0316
Muniak, S.E. -5.0036
Munnecke, D.E. -4.0089*
Munson, J.D. -4.0757
Murai, T. -4.0312
Murchio, J. -1.0004
Murcray, D.G. -1.0688*
Murphey, J.B. -2.0037*
Murphree, R.L. -5.0619*, 5.0620*, 5.0674*
Murphy, C.E. -2.1732*
Murphy, D.A. -4.0744
Murphy, E.F. -4.0336*
Murphy, E.W. -4.0651*
Murphy, J.L. -1.0161
Murphy, L.S. -3.0149
Murphy, P. -2.0439
Murphy, R.E. -1.0890*
Murphy, R.S. -2.0012*, 2.0472, 2.0960, 2.1150*
Murphy, S.D. -4.0656*, 4.0657*
Murphy, T. -5.0088
Murray, A.P. -2.0472
Murray, D.L. -2.1003
Murray, R.W. -1.0894*, 3.0290*
Murthy, B.N. -1.0603, 1.0608*, 1.0609*
Musolf, L.D. -2.1790*
Mustafa, M.G. -1.0171
Muzik, T.J. -4.0507*, 4.0508*, 4.0509*
Myers, J.M. -2.1229*
Myers, L.S. -5.0156*
Myers, T.D. -3.0101
Myers, V.I. -2.0798
Myrup, L.O. -1.0007*, 2.0012
Myrvik, Q.N. -1.0281*
Naber, E.C. -4.0973*, 4.0976*
Nabors, C.J. -5.0719, 5.0954
Nacci, V.A. -2.1412
Nack, J.O. -3.0126*
Nader, J.S. -1.0685*, 1.0701*, 1.0716*, 1.0784*
Nagarajarao, C.R. -1.0865
Nagel, C.M. -4.0478*
Nagel, J. -2.0396
Naidu, A.S. -2.0470
Nair, J.H. -3.0248
Naito, M. -1.0444
Nakamura, H.H. -5.0128
Nakatani, R.E. -2.0419, 2.1757*
Nakaue, H.S. -4.0818
Nam, J. -4.0647
Nash, D.J. -5.0210*
Nash, H.A. -2.1309
Nash, R.G. -4.0118*
Nash, T.H. -1.0373*
Nashed, R.B. -4.0144
Nason, A.P. -2.0247
Nass, R.D. -4.0604
Nathan, M.A. -5.0705*
Nathans, R. -3.0246*
Nau, C.A. -1.0287*
Nayler, D.V. -4.0102
Naysmith, D. -5.0215
Neal, R.A. -4.0853*
Neal, V.T. -2.1683*
Neary, G. -5.0712*
Nece, R.E. -2.1128
Nee, V.W. -1.0886*
Neel, J.K. -2.0298*
Neel, J.V. -5.0403*
Neely, W.C. -2.1469*
Neff, H.P. -5.0641
Neff, S.E. -2.1835, 5.0038
Negi, N.S. -4.0003
Negro, V.C. -5.0878
Nehls, G. -1.0785*
Neiburger, M. -1.0010*
Neilsen, D.R. -2.0965
Nelsen, J. -2.0416
Nelson, B. -5.0627
Nelson, C.H. -1.0313, 1.0851*, 6.0021*
Nelson, D.A. -6.0090
Nelson, D.B. -5.0641*
Nelson, D.C. -4.1094*
Nelson, D.J. -2.0374*, 2.1720, 5.0069
Nelson, D.M. -5.0036
Nelson, D.W. -2.1013, 2.1016*
Nelson, I.C. -5.0957
Nelson, J.L. -4.0074
Nelson, J.R. -2.1835
Nelson, K.E. -4.0226*
Nelson, L.K. -2.1565*
Nelson, M.O. -5.0086
Nelson, N. -1.0232*, 5.0488
Nelson, O.E. -3.0371*
Nelson, O.F. -2.1456
Nelson, R.Y. -1.0128*
Nelson, W.C. -5.0211
Nelson, W.E. -2.0004*, 2.0005*
Nemerow, N.L. -2.1885*, 3.0032
Nesbitt, J.B. -3.0300, 3.0302*
Neufeld, J. -5.0939
Neugent, D. -2.1919
Neuhaus, O.W. -5.0606*
Neuhold, J.M. -2.0400*
Neushul, M. -2.1502*
Newhall, H.K. -1.0166*
Newland, L.W. -2.1732
Newman, J.K. -1.0187
Newsom, L.D. -4.1038*
Newstein, H. -1.0910*
Newton, C.E. -5.0756
Newton, G.J. -5.0051, 5.0446, 5.0448
Ney, W.R. -5.0808
Ng, Y.C. -5.0009*, 5.0783*, 5.0784*
Nichols, B. -2.1725
Nichols, D.R. -2.0069*
Nichols, G.C. -2.0533*
Nichols, L.L. -5.0739
Nichols, M.M. -2.1122, 2.1123*
Nichols, M.S. -2.1124
Nichols, W.L. -2.0050, 2.0504
Nickol, G.C. -3.0026*
Nickols, P.W. -1.0159*
Nickon, A. -1.0889*
Nickum, J.G. -2.0797*
Nieberg, P. -4.0558
Nielsen, D.R. -4.0086
Nielsen, J. -2.0416*
Nielson, H. -2.1002
Nielson, L.J. -3.0287*
Nielson, N.O. -4.0933*
Nielson, R.F. -3.0043
Nielsen, C. -2.1389
Niemczyk, E. -4.0838*
Nieto, M. -2.1654
Niggemyer, F.W. -2.1090*
Niggemyer, J.R. -2.1090
Niggol, K. -2.1761

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Niles, R.A. -5.0731, 5.0732*, 5.0733*
Nilsen, A. -6.0042
Nimmo, D.W. -4.0591*
Nirenberg, M. -5.0363
Nishimura, T. -3.0323
Nishita, H. -5.0013*, 5.0788*
Nixon, C.W. -6.0010*
Nixon, J. -6.0048
Nixon, S. -2.1695*
Nobe, K. -1.0535*
Nobe, K.C. -2.0981*, 2.1805*
Noble, B.F. -1.0123
Nolan, R.K. -4.0599
Noon, R.F. -2.0171
Noonan, T.R. -5.0676
Norcross, J.J. -2.1122
Nordquist, J. -5.0575
Norman, A. -5.0157*, 5.0158*
Normand, W.C. -4.0331*
Norris, C. -5.0316
Norris, L.A. -4.0458*
Norris, R.F. -4.0227*
Norris, W.P. -5.0284*
Norsworthy, J.R. -1.0443
North, H.H. -4.0650
North, R.M. -2.1816*
North, W.J. -2.1495*
Northcraft, M. -2.0741
Norton, S.A. -2.0608*
Norwood, W.D. -5.0756, 5.0757
Noshkin, V.E. -2.0187
Novak, A.F. -2.0163, 4.0951*
Novak, J.T. -2.1320*, 3.0204*
Novotny, A.J. -2.0846*, 2.1762
Nowair, M.H. -1.0302*
Nudi, F.A. -2.1487*
Nusbaum, C.J. -4.0431*, 4.1090*
Nuttonson, M.Y. -1.0211*
Nyquist, D. -2.0472*
Oakberg, E.F. -5.0642*
Obora, E.T. -4.0727*
Obrien, K. -5.0880
Obrien, P.J. -2.0760
Obrien, R.D. -4.0772*
Obrien, W.D. -6.0082
Obrien, W.J. -2.0155, 2.1024*, 2.1275*
Oconnor, D.J. -2.1646*
Oconnor, J.E. -2.0277
Oconnor, J.R. -1.0462*, 1.0463*, 1.0464*, 1.0465*
Oconnor, J.T. -2.0973, 2.1258, 2.1827
Odell, H.H. -2.0558
Odell, T.T. -5.0647
Odian, G. -5.0511*
Odlaug, T.O. -2.0642, 2.0644, 2.1599, 4.0043
Odrin, L. -1.0323*
Odriscoll, E.P. -2.0026
Odum, E.P. -5.0032, 5.0260*
Odum, H.T. -2.1069*
Oester, Y.T. -1.0201*
Ofarrell, T.B. -2.1221, 2.1222
Ofarrell, T.P. -5.0082, 5.0745*, 5.0752
Ofelt, G.S. -1.0852
Oganesoff, A. -4.0608
Ogden, E.C. -1.0079*
Ogedengbe, M. -2.0895
Ogg, A.G. -4.0191*
Ogle, W.L. -4.0473*
Oglesby, R.T. -2.0267*, 2.1128*, 2.1447
Ogrady, L.F. -5.0135
Ogunbameru, A.N. -2.1350
Oguri, M. -2.0493
Ohara, H. -5.0416
Ohara, J.J. -2.1673*
Ohkawa, H. -4.0548
Okeefe, T.J. -3.0385
Okeeffe, A.E. -1.0849*
Okita, G.T. -1.0198*
Okubo, A. -2.1034*
Olague, P. -5.0114
Olcott, H.S. -4.0551*
Oldham, W.K. -3.0085*, 3.0086*
Oldstone, M.B. -5.0178
Oleinick, N. -5.0565
Olenick, P.R. -2.1902
Olive, J.H. -2.0722*
Oliver, A.D. -4.0332*
Oliver, M. -2.0368
Olivier, M. -5.0354
Olla, B.L. -2.1637*
Olney, C.E. -4.0065*, 4.0171
Olson, H.W. -2.0039*
Olson, I. -5.0518
Olson, S.R. -2.0082
Olson, D. -2.0447
Olson, D.G. -5.0818, 5.0819*
Olson, H.G. -5.0803
Olson, J.S. -5.0074
Olson, O.E. -4.0984*
Olson, R.A. -2.1635*
Olson, R.L. -5.0575*
Olson, R.W. -1.0728*
Olson, T.A. -2.0642*, 2.0643*, 2.0644*, 2.1599*, 4.0043*
Olson, W.H. -2.1925
Olsson, E. -3.0054*
Olsson, Y. -5.0361
Oltman, B.G. -5.0824, 5.0826*
Omeara, D.C. -3.0158
Omelia, C.R. -2.0285*
Omera, D.C. -1.0350
Onelli, R.V. -5.0074
Ongerth, H.J. -2.0486
Onken, A.B. -2.0381
Oosterbeert, W. -5.0619*
Opauszky, I. -5.0034*
Opferkuch, R.E. -2.1379*
Ordal, Z.J. -2.1260*
Order, S.E. -5.0382
Oren, O.H. -2.0151*
Orhild, P.P. -2.0070*
Orlob, G.T. -2.1798*
Ormrod, D.P. -1.0326*
Orr, C. -1.0881*, 1.0882*
Orr, F.B. -1.0516*
Orr, H.P. -3.0359
Orr, L.P. -2.0731*, 2.0732
Orsborn, J.F. -2.1126
Ortuglio, C. -3.0039, 3.0293
Ory, T.R. -2.0760
Osborne, T.S. -5.0395*
Oschman, J.L. -1.0200*
Oseid, D. -2.1605
Osman, H.A. -1.0302
Osmun, J.V. -4.0108*
Ostlund, H.G. -2.0548*, 5.0813*
Ostrander, C.E. -3.0239*
Ostrander, H.R. -2.1520
Oswald, W.J. -2.1170*
Otoole, J.J. -4.0619
Ott, M.J. -2.0036
Otto, N.E. -2.0071*, 2.0072*, 2.0977
Ottolenghi, A. -4.0795*, 5.0550
Otton, E.G. -2.1286*
Otts, L.E. -2.0905
Oulman, C.S. -2.0895, 2.0896
Ovadia, J. -5.0298*
Overfield, J. -2.1432, 2.1433
Overman, A.J. -4.0259*, 4.0260*
Overman, A.R. -2.0098, 2.0100*, 2.0994*, 2.1229
Owerbeg, T.G. -2.0035*
Owen, F.G. -3.0210
Owen, H.E. -2.0980
Owen, K. -1.0741
Owen, R.B. -4.0632
Owens, D.W. -5.0686
Owens, E.L. -2.1676
Owens, J.W. -2.1083
Ozsipan, A. -2.0392
Ozburn, E.E. -2.1237
Ozolins, G. -1.0786*
Pabst, A. -2.1048
Pacha, R.E. -2.0324*, 2.0748*
Pack, M.R. -1.0431*
Padmanabhan, K.C. -5.0353
Page, G.E. -4.0163*
Page, L.R. -3.0162*
Pagnotto, L.D. -1.0215
Paige, J.I. -1.0622
Paine, M.D. -3.0272
Paiva, I.D. -5.0100
Pakainins, A. -2.1195*
Pal, R. -4.0848
Palensky, J.R. -2.0328
Palermo, T. -2.0617*
Palko, T.N. -2.1483*
Palm, P.E. -2.0185
Palmer, G.M. -1.0558*
Palmer, H.E. -5.0957
Palmer, J.S. -4.0870*, 4.0871*
Palmer, R.F. -5.0746*, 5.0955
Palmer, R.G. -2.1541*
Palmer, T.Y. -1.0016
Palmes, E.D. -1.0232
Paloyan, E. -5.0832
Palpant, E.H. -1.0417
Pamatmat, M.M. -2.1765
Pampeyan, E.H. -2.1797*
Pan, S.F. -5.0590, 5.0593
Paniassit, M. -1.0019*
Panofsky, H. -1.0136
Panov, D. -5.0771*
Pao, S.P. -6.0001*
Papavasiliou, P.S. -2.0276
Pappenhagen, J.M. -2.0728*
Pardini, R.S. -4.1070*
Parey, -6.0029*
Parizek, R.R. -2.0348, 2.0760, 2.0938*
Park, A.B. -2.0540*, 2.0541*
Park, H.Z. -5.0951
Park, J.F. -5.0735, 5.0747*, 5.0748*, 5.0749*, 5.0750*, 5.0751*, 5.0959*, 5.0960*
Park, K.S. -4.0029
Park, R.A. -2.0703
Parker, B.L. -4.0499*
Parker, B.W. -2.0750*
Parker, D. -5.0822
Parker, D.G. -2.1442
Parker, D.R. -5.0174*
Parker, D.S. -3.0067
Parker, F.L. -2.0370, 2.0371*, 2.0372*, 2.1099, 2.1101*, 2.1419
Parker, H.G. -5.0117*
Parker, J. -5.0584
Parker, J.E. -3.0285*
Parker, M.B. -3.0004*
Parker, M.W. -2.1610
Parker, P.L. -2.0823*
Parker, W.D. -2.1471
Parkhurst, J.D. -2.0879, 2.1186, 3.0075*
Parkinson, H.L. -2.1804*
Parks, N.B. -5.0086
Parlour, J.W. -2.1196*
Parochetti, J.V. -4.0344, 4.0346, 4.0350*, 4.0351*
Parsons, W.A. -2.1925
Partheniades, E. -2.0101*
Parton, H. -3.0064*
Paschoa, A.S. -5.0100
Passmore, J.R. -2.0026*
Pasternack, B.S. -5.0488*
Pate, H. -5.0894, 5.0897
Patel, B. -2.0136
Patel, J.M. -2.1292
Pathak, M.A. -5.0381
Patriarche, M.H. -2.1595*, 2.1596*
Patrick, R. -2.0755*
Patterson, C.C. -5.0016
Patterson, C.M. -2.0356, 2.0357, 2.0358, 2.0792*, 2.1414
Patterson, G.R. -5.0924
Paul, D.R. -3.0400*
Paul, K. -1.0880
Paulette, R.G. -2.1329, 3.0126
Paulsen, C.A. -5.0761*
Paulsen, G.M. -2.0595*
Paulson, G.D. -4.0804*
Paulus, A.O. -4.0238
Pavlides, L. -2.1839*
Payne, B.R. -4.0052*, 4.1071*, 4.1072*
Payne, W.R. -2.0111, 2.0886
Payne, W.W. -5.0023, 5.0885
Paxwash, H. -2.1010
Peabody, D.V. -4.0899*
Prakall, D.B. -4.0767
Pearce, J.B. -2.1638*, 2.1639*, 2.1640*
Pearce, W.A. -2.0260*
Pearcy, W.G. -2.0320
Pearlman, I. -1.0192
Pearson, C.A. -2.0312
Pearson, E.A. -2.0487*
Pearson, F.G. -4.0854, 5.0927, 5.0928
Pearson, G.A. -2.1443*, 3.0335*
Pearson, R.W. -3.0001*, 5.0300
Pearson, T. -5.0626
Peay, P.W. -3.0333

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Puck, T.R. -2.0580
Puckhaber, A.E. -2.1866*
Poole, T.C. -3.0310
Pooters, E. -2.0028*
Poffley, -1.0539*
Pogg, W.J. -2.1773*
Pohdi, L.T. -2.0154
Pricsarski, E.A. -2.1397
Pollettier, C.A. -5.0035
Pemberton, F.L. -2.0061
Pendleton, R.C. -5.0081*
Penfold, J.W. -2.1822*
Peniston, Q.P. -2.1446*
Pennak, R.W. -2.0059*, 2.1504*
Penner, D. -4.0363*
Penney, G.W. -1.0627*
Penne, J. -1.0597
Peoples, J. -1.0610*
Peoples, S.A. -4.1001
Pepper, B.B. -4.0399*, 4.0760*
Percival, D. -5.0820*
Perkins, A.T. -4.0459
Perkins, H. -4.0474*
Perkins, H.F. -2.1232
Perkins, J.H. -1.0630
Perkins, R.W. -2.0417*, 2.0844*, 5.0961*, 5.0963
Perkins, W.S. -2.0958*
Perlis, H.J. -2.1872*
Permott, S. -1.0208
Perret, W.S. -2.0604*
Perry, J.J. -2.1070*, 2.1071*, 2.1072*
Perry, M. -2.0355*
Perry, R. -1.0149
Perry, V.A. -4.0578*, 4.1009
Perot, J.S. -2.1495
Person, H. -3.0144
Pertel, R. -5.0363*
Peuch, G.G. -2.1693
Peterle, T.J. -4.0974*
Peters, A. -2.0344
Peters, J.C. -2.0881
Petersen, D.F. -5.0460, 5.0461*, 5.0472
Petersen, E.E. -1.0863*
Petersen, D.E. -2.1760*
Peterson, D.H. -2.0040*
Peterson, G.A. -2.1635
Peterson, H.B. -2.0395, 3.0043*
Peterson, J. -1.0103*
Peterson, J.E. -4.0578
Peterson, P. -2.0739
Peterson, R.A. -2.1743, 2.1774*
Peterson, R.D. -5.0304*
Peterson, R.E. -5.0326*
Peterson, R.P. -2.1047
Peterson, W.K. -2.0423
Petrie, W.M. -2.1570
Pettigrew, H. -4.0647
Pettus, D. -2.0522
Pfeffer, F.M. -3.0270*
Pfeffer, J.T. -2.1260, 2.1261*
Pfeffer, R. -1.0595
Pfister, R.M. -2.0300*, 2.0723*, 2.0724*
Pfleger, R.C. -5.0443, 5.0444*
Pfrimmer, T.R. -4.0383*, 4.0692*
Pheifer, B. -1.0834*
Phelps, P.L. -5.0004, 5.0005, 5.0010*, 5.0780
Philbrick, R.B. -5.0863*
Phillips, C.E. -1.0037
Phillips, C.W. -1.0036
Phillips, G.O. -5.0092
Phillips, R.A. -2.0019, 2.1158
Phillips, T.L. -5.0180*, 5.0181*
Phillips, W.A. -2.1491, 5.0007
Phillips, W.M. -4.0113*, 4.0314*
Phillips, R.L. -4.0277*
Phinney, H.K. -2.0321, 2.0325*, 2.1684*, 2.1685, 2.1686
Pick, A.R. -3.0090*
Pickering, G.B. -4.0493
Pickett, E.E. -4.1065
Pickford, S.G. -1.0161
Pickrell, J.A. -5.0426, 5.0428, 5.0435, 5.0445*
Pierce, A.P. -3.0023*
Pierotti, R.A. -2.1235
Pierpaoli, W. -5.0610*
Pierre, W.H. -2.0148
Pigott, P.G. -3.0328
Pike, R.W. -3.0373
Pilcher, E.C. -2.0987
Pille, R.J. -1.0377*
Pillai, J.K. -2.0893
Pilley, K.K. -2.0259*
Pimm, D.L. -5.0139
Pinamont, C.J. -2.1307*
Pincus, A.G. -3.0128
Piper, R.C. -4.0900*
Pipes, W.O. -2.1005*
Pircher, F.J. -5.0943*
Piringer, A.A. -4.1003*
Pirella, G. -3.0248
Pisano, J.C. -5.0343
Pitkin, R. -2.0579
Pitkin, J.A. -5.0801*
Pittman, M.A. -1.0 52
Pitts, J.N. -1.0869*, 1.0870*
Pizzarello, D.J. -5.0556
Plapp, F.W. -4.0988*
Plass, W.T. -2.0351
Platford, R.F. -2.0054*
Plato, E.J. -2.0982*
Platt, A. -3.0339*
Platt, R.B. -5.0261*
Platzman, R.L. -5.0305*, 5.0834*
Plaut, W. -5.0765*
Plimmer, J.R. -4.0119*
Plukowski, E.J. -2.0407*
Plummer, G.L. -2.1817*
Pocci, G. -1.0056*
Pocock, R.G. -3.0324
Podolsky, S. -5.0857
Poe, S.L. -4.0261*, 4.0271
Poertner, H. -2.1242
Pogrund, R.S. -2.1793
Pohl, E. -5.0098
Pohland, F.G. -2.0889*, 2.1235, 2.1237*
Pohlruling, J. -5.0098*
Poinar, C.E. -4.0885*
Polcyn, F.C. -2.0631*, 2.0632*
Polirk, J. -1.0625
Poling, C.E. -4.0612*
Polk, E.M. -2.0805*
Polkowski, L.B. -2.1457, 3.0350*
Pollard, E.C. -5.0595*
Pollard, H.E. -5.0168*
Pollard, M. -1.0204*
Pollison, D.P. -2.0678, 2.1644
Polleck, S.J. -2.0183*
Polyhowich, J.J. -2.0523*
Pomeroy, B. -3.0231
Pomeroy, L.R. -5.0032*
Pommer, A.M. -4.0639
Pomonis, J.G. -4.1095
Pomroy, J.H. -3.0198*
Pool, R.R. -5.0134
Poole, C.M. -5.0284, 5.0828
Poole, H.G. -1.0622
Pooler, F. -1.0104*, 1.0787*
Poon, C.P. -2.1410*, 3.0307*
Popper, K. -3.0015*
Porcella, D.B. -2.0487
Porges, R. -2.1340, 2.1873
Porter, L. -2.0998
Porter, W.L. -3.0041*
Posner, H.B. -4.0787, 4.0788, 4.0796*
Pospisil, J. -5.0905
Possmayer, F. -1.0199
Post, F.J. -2.0400, 2.1737
Post, J. -5.0489*
Poston, J.W. -5.0924, 5.0925
Potash, M. -2.0404, 2.0828*
Potter, G.D. -5.0011*
Potter, G.M. -3.0402
Potzl, K. -1.0044
Powell, A.J. -4.0352*
Powell, H.E. -3.0385
Powell, R.D. -5.0682*
Powell, R.G. -6.0011*
Powers, E.L. -5.0677*, 5.0678*
Powers, R.D. -1.0306
Powers, W.L. -3.0149
Pownall, H.J. -5.0387
Powsner, E.R. -5.0401
Poxson, D.M. -3.0190
Prahl, J.M. -2.1077*
Prakasam, T.B. -2.1345, 2.1346
Prakash, V. -2.1933, 2.1934
Pratt, G.L. -3.0256*, 3.0257*
Pratt, G.W. -5.0390*
Pratt, M.W. -5.0009, 5.0783, 5.0784
Pratt, P.F. -2.0045*, 3.0077*
Preas, W. -6.0084
Prehn, W.L. -3.0055
Preining, O. -1.0669*
Prengle, H.W. -1.0846*
Prescott, J.M. -4.1121*
Pressley, T. -2.1221, 2.1222
Prestak, A. -1.0701
Prestemon, D.R. -6.0057*
Presti, H.C. -2.0720
Prew, J.W. -5.0713
Price, R. -2.1389*
Price, E.P. -2.1171
Price, G.B. -5.0643*
Price, K.R. -5.0085
Price, T.J. -2.0280*, 2.1656
Priening, C.P. -2.0310, 2.0737, 2.1382, 3.0011, 3.0269, 3.0270
Prince, B. -2.1723
Prince, J.E. -5.0706*
Prine, J.R. -5.0460, 5.0465, 5.0468
Pringle, B.H. -2.1094*, 2.1697, 4.0840*, 4.1108*
Prins, R. -2.0596
Priode, B.M. -4.0890*
Proctor, D.F. -1.0208
Proffitt, M.A. -2.1552
Prophet, C.W. -2.0158*, 2.1558*
Proshansky, H.M. -1.0491
Prospero, J.M. -1.0041*
Prosser, N.S. -2.0832*
Prouty, R.M. -4.0652*
Procino, L.J. -3.0315
Pruppacher, H.R. -1.0315*
Pruter, A.T. -5.0086*
Pryck, E.A. -2.0339
Pryor, W.A. -5.0341*
Puzona, S. -5.0916
Puentes, C.D. -2.0810
Pullen, E.J. -2.0384
Pund, W.A. -4.0693
Puphal, K.W. -5.0821
Purcell, N.L. -5.0761
Purser, D.B. -4.0670
Purushothaman, K. -2.1326*
Putnam, A.R. -4.0364*
Putnam, H.D. -2.0102*, 2.0103*
Putnam, L.S. -2.0305*, 2.0306*
Pyle, A.B. -2.0679
Qasim, H.K. -2.0019, 2.0477*
Quarantelli, E.L. -2.1895
Quase, H.G. -2.1223*
Quiner, J.A. -1.0635
Querry, M.R. -2.1618*
Quevedo, W.C. -5.0604*
Quick, R. -5.0506
Quick, S.L. -1.0573*
Quigley, J.T. -2.1134
Quigley, M.B. -5.0092
Quinn, D.J. -2.0036
Quinn, J. -2.1696*
Qureishi, M.S. -4.0435*
Raabe, O.G. -5.0051, 5.0432, 5.0446*, 5.0447*, 5.0448*, 5.0449
Rabe, F.W. -2.0119*
Raben, I.A. -1.0562*
Rabinowitz, C.B. -2.1904
Racoveanu, N. -5.0918*
Rad, M.R. -2.0163*
Radcliffe, E.B. -4.0684*
Radford, E.P. -1.0208
Radimsky, J. -2.0487
Radomski, J.L. -4.0592
Radosevich, G.E. -2.0981, 2.1805
Raft, P.D. -5.0881
Rafter, T. -2.0278*
Ragan, H.A. -5.0955
Ragan, R.M. -2.0172*, 2.0173*
Ragotzkie, R.A. -2.0863*, 2.0864*, 2.1781*, 2.1937*, 2.1938*
Ragsdale, H.L. -5.0261
Rahfuse, R.F. -1.0661
Rahn, E.M. -4.0256*
Rahn, P.H. -2.0367*
Raisala, T. -5.0030
Rai, K.R. -5.0520
Raible, C.J. -1.0122, 1.0124, 1.0127

*INDICATES PRINCIPAL INVESTIGATOR

Raible, R.W. -2.0481
Rainer, R.K. -1.0475*
Rainwater, W.C. -2.0961
Rajagopal, S. -2.1021
Raju, M.R. -5.0107, 5.0775, 5.0776, 5.0777, 6.0066, 6.0067
Rake, A.V. -5.0595
Raleigh, S.M. -4.0167, 4.0982*
Ralls, J.W. -2.1165*, 2.1166*, 5.0105*
Ralston, H.R. -2.1491
Ramanathan, M. -2.1386
Ramamurty, R.V. -5.0625*
Ramirez, E.A. -4.0583
Ramm, A. -2.0739
Ramon, E. -5.0001
Ramsdell, J.V. -1.0159
Ramsey, G. -2.1454
Ramshrishnan, C. -3.0137*
Rancitelli, L.A. -1.0160, 5.0963
Randall, C.H. -2.1915*
Randall, C.W. -2.1442*, 3.0351*
Randall, R.H. -2.1538
Randle, S.B. -4.0400*, 4.1076*
Randles, C.I. -2.0723, 2.0724
Randolph, D.I. -5.0336*
Randolph, L. -5.0740*
Randolph, M.L. -5.0644*
Raney, E.C. -2.1648*
Ranganthan, V.S. -2.1262
Rankin, J. -1.0305
Ransey, C.D. -4.0384*
Ransey, D.C. -2.1933
Rao, C.P. -1.0050
Rao, I.S. -5.0839
Rao, P.S. -5.0576
Rao, S.A. -3.0066
Raphael, D.L. -2.1403
Rappaport, L. -4.0241*
Rasmussen, G.P. -2.1212*
Rasmussen, R.A. -1.0157*, 1.0854*
Rasoodjavaheri, A. -2.1256
Rathbun, R. -2.0983*
Rathmann, F.H. -2.0926*
Raup, P.M. -2.1859
Rauschkolb, E.W. -5.0687*, 5.0688*, 5.0692*
Raut, S.L. -5.0713
Ravenhansen, P. -2.1846
Ravenholt, R.T. -2.0842
Ray, M.E. -2.1031
Ray, S.M. -2.1731
Rayner, H.J. -2.1681
Raynes, B.C. -2.1373*
Raynor, G.S. -1.0091
Reagan, J. -1.0611*, 1.0788*
Reagan, J.A. -1.0666*
Rebbun, M. -2.1022, 2.1023
Rechard, P.A. -2.0869, 2.1941*
Rechi, H.L. -2.1172*, 2.1173*
Rechter, H.L. -3.0128
Recknick, C. -2.0609
Redd, B.L. -2.1771
Reddan, J.R. -5.0412
Reddan, W.G. -1.0305
Reddell, D.L. -2.0379*
Reddy, A.R. -5.0856
Reddy, V.N. -5.0411
Redman, H.C. -5.0426, 5.0428, 5.0430, 5.0431, 5.0449
Redman, J.H. -2.0696
Redmon, W.L. -2.1622, 2.1624*, 2.1625*
Reed, C.H. -1.0374*, 3.0221*
Reed, G.T. -2.0609
Reed, J.K. -4.1110, 4.1111*
Reed, J.P. -4.0399
Reed, S.C. -3.0214*
Reese, R.A. -2.0937
Regan, J.D. -5.0645*
Regan, R. -3.0229
Rehfeld, C.E. -5.0284
Rehm, R.G. -2.1063
Reichert, L.D. -2.1867
Reichle, D.E. -5.0075*
Reid, D.R. -1.0291
Reid, G.W. -2.0531, 2.1383*
Reid, J.L. -2.0502, 2.0972
Reid, W.T. -3.0264
Reidy, B.C. -3.0245*
Reif, H. -2.0258
Reifsnyder, W.E. -1.0689*, 1.0690*
Reiling, S. -2.1900
Reilly, C.A. -5.0275
Reilly, J.R. -2.0299*
Reimold, R.J. -2.0116*, 5.0032
Reinhold, E.A. -4.0029
Reinert, R. -1.0391, 1.0401*, 1.0402*, 1.0403*, 4.0039*, 4.0661*, 4.1045*
Reinert, R.A. -1.0408
Reis, R.J. -2.1806
Reisig, R.L. -1.0735*
Reisch, K.W. -4.0438
Reiss, O.K. -1.0187
Reiter, E.R. -1.0032*
Reiter, R. -1.0044*
Reitz, H.J. -2.1526
Remenchik, A.P. -5.0837*
Remenyik, C.J. -2.1098*
Remus, G. -2.1302*
Renard, K.G. -2.0016*
Renfro, W.C. -2.0320, 2.0743
Resnick, S.D. -2.0019*
Retcofsky, H.L. -1.0635
Reusser, H.W. -4.1026
Reuter, R. -2.0531
Revera, L. -5.0609*
Revira, C.R. -4.0818
Revzin, A.M. -4.0813*, 4.0814*, 4.0815*, 4.0816*
Rexroad, P.R. -4.0962
Reynolds, G.W. -1.0152*
Reynolds, H.T. -4.0242*, 4.0585
Reynolds, J.T. -2.0177, 2.1301
Reynolds, R.A. -5.0667
Reynolds, T.D. -2.0948, 2.1427*
Rhee, J.S. -3.0153
Rhindress, R.C. -2.0753
Rhoades, D.F. -5.0353
Rhoades, R.A. -1.0293*
Rhoads, W.A. -5.0183*
Rhodes, M.B. -5.0418
Rhodes, R.G. -2.0732*, 2.1079
Rhutasel, L.J. -2.1259
Ribelin, W.E. -4.0917*
Ricci, R.J. -3.0121
Rice, J.K. -2.1450
Rice, P.A. -2.1354*
Rice, R.C. -2.1399
Rice, R.J. -2.1292
Rice, R.L. -1.0660
Rice, T.R. -2.0281*
Rich, S. -1.0333*, 1.0334, 1.0337*
Richards, S.H. -4.0801*
Richardson, E.A. -1.0194*
Richardson, G. -2.0491
Richardson, N. -1.0537*
Richens, V.B. -4.0553*
Richman, C. -5.0775, 5.0776, 5.0777*
Richmond, C.R. -5.0462*
Richmond, M. -1.0215
Richter, W.R. -5.0307
Rickard, W.H. -5.0752*
Rickson, R.E. -2.1857*
Riddiks, M.J. -2.1363
Rider, J.A. -4.0569*
Ridgway, M.E. -2.1819*
Ridgway, R.L. -4.0492*, 4.0864*
Ridley, B.L. -2.1714*
Rieck, A.F. -5.0768*
Rieck, C.E. -4.0174*
Rieck, H.G. -5.0963
Riemer, D. -4.0053*
Rier, J.P. -1.0375*
Ries, S.K. -4.0040, 4.0126
Riesz, P. -5.0364*, 5.0367
Riffer, R. -1.0015
Rikkers, R. -2.1841
Riley, C.V. -2.0733*, 2.1079*
Riley, J.J. -2.1157
Riley, R. -5.0332
Riley, R.L. -1.0208*
Rinehart, R.R. -5.0177*
Ringe, R.R. -2.1544, 2.1545
Rissanen, K. -2.0094, 2.0095
Ritchey, S.J. -4.1126*
Ritchie, J.C. -2.0216
Ritchie, L.S. -5.0600
Rivera, C -5.0600
Rivlin, L.G. -1.0491*
Roan, C.C. -4.0536*
Robbins, J.A. -2.0627
Robbins, J.H. -5.0365*
Robbins, M.L. -4.0033, 4.0311
Robbins, R.C. -1.0013*
Roberge, T.L. -2.0537*, 2.0538*
Roberts, J. -3.0338*
Roberts, J.M. -5.0405*
Roberts, L.M. -2.1902
Roberts, P.V. -2.0494
Roberts, R.H. -4.0693*
Roberts, R.M. -2.0966*
Robertson, B.R. -2.1475
Robertson, D.E. -2.0418*, 2.0844
Robertson, J.M. -3.0271*
Robertson, J.S. -3.0521, 5.0891, 5.0894, 5.0895, 5.0896, 5.0897*
Robichart, G.B. -3.0396
Robinson, B.P. -2.0062, 2.0075
Robinson, C.V. -5.0517, 5.0529*, 5.0530*
Robinson, D.W. -6.0047*
Robinson, E. -1.0013, 1.0867*
Robinson, E.L. -2.0718, 4.0385*
Robinson, E.M. -5.0924
Robinson, J.A. -4.0540
Robinson, J.E. -5.0354
Robinson, J.W. -1.0707*
Robinson, W.H. -4.1009*
Robison, T.M. -2.0138*
Robison, W.H. -4.0578
Robison, W.L. -5.0004, 5.0141*
Robson, E.B. -2.1064
Robson, F.L. -1.0541*
Rockaway, J.D. -2.0228*
Rockstein, M. -5.0247*
Rockus, G. -5.0274, 5.0275, 5.0276
Rockwell, J. -2.1350
Rod, R. -2.1178*
Rodde, A.F. -5.0298
Roderick, T.H. -5.0344, 5.0345, 5.0346*
Rodgers, C.A. -4.0728*, 4.0729*, 4.0730*, 4.0731*, 4.0732*, 4.0733*
Rodie, E.Y. -5.0417
Rodrigo, R. -5.0200
Rodriguez, C.F. -1.0424
Rodriguez, P. -5.0728* -
Roeder, T.S. -2.0007, 2.0939
Roels, O.A. -2.0273
Roesch, W.C. -5.0956
Roesler, J.F. -2.1372
Roessler, C.E. -5.0031
Rogers, B.J. -4.1007*
Rogers, C. -2.1698
Rogers, C.N. -3.0255*
Rogers, D.T. -2.0469*
Rogers, J. -1.0566
Rogers, J.S. -2.1229
Rogers, M.R. -3.0028*
Rohlich, G.A. -2.0440, 2.0451*, 2.0865*, 2.1461*, 3.0356
Rohrer, R.H. -5.0873
Roine, P. -4.0937*
Roizin, L. -5.0519
Roland, J.V. -2.1747
Roller, W.L. -3.0268*
Rollins, G.H. -3.0059, 3.0060
Rom, R.C. -4.0218
Romberg, G.P. -2.1546
Romney, E.M. -5.0159*
Rorholm, N. -2.1911*
Ross, J. -2.0368*
Rosario, B. -2.1753
Rose, H.J. -2.1578
Rose, J. -2.1339*
Rose, R.J. -4.0803
Rose, V.C. -2.0352
Rosen, J.M. -2.1293*
Rosen, V.J. -5.0146*
Rosenbaum, J.B. -3.0326, 3.0327, 3.0328, 3.0401, 3.0402
Rosenbaum, R.M. -1.0222
Rosenberg, H.M. -5.0562
Rosenberry, P.E. -2.1831*
Rosenblatt, L.S. -5.0128, 5.0132, 5.0134
Rosenfeld, A. -4.0049
Rosenthal, G. -2.1001
Rosenthal, H.L. -5.0860*
Rosenthal, M.W. -5.0281
Rosenthal, P. -2.0258
Rosenthal, R.J. -2.0053

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Rushore, E.C. -3.0010*
Rusiek, O. -5.0598
Rusinger, G. -6.0105*
Russ, A.J. -2.0422*
Russ, B.E. -2.0108
Russ, F. -3.0120
Russ, G.G. -2.0693
Russ, H.H. -2.0997
Russ, J.F. -2.1243
Russ, R.H. -6.0610
Russano, A.T. -1.0163, 1.0856
Russ, H.H. -5.0486*, 5.0870*, 5.0891
Rustad, J. -5.0713*
Rutermund, A.J. -2.1655*
Ruth, D. -1.0233
Ruth, L. -2.1868
Ruth, L.M. -4.0660*
Ruth, L.O. -4.0963*
Ruth, M.M. -5.0185*
Ruth, R.E. -5.0092
Ruthacher, J.S. -2.0326*
Rutheabacher, H. -1.0293, 1.0416
Ruthfuss, D. -1.0221
Ruthman, T. -1.0078*
Ruthroch, C. -2.1350
Ruthschecter, B. -4.0584
Ruthwell, D.F. -3.0003, 3.0366
Ruthwell, D.R. -4.0095*
Roubal, R.R. -2.0459
Rough, G.E. -5.0592
Roubanizadeh, N. -5.0843*
Rounds, D.E. -5.0173*
Routson, R.C. -2.1756
Rove, K. -5.0559*
Rowland, R.E. -5.0291
Rowlands, J.R. -1.0299*, 1.0424*
Rozenfeld, M. -5.0833
Rozin, P. -5.0588*
Ruark, J.R. -2.1465*, 3.0357
Rubenfeld, S. -5.0490
Rubin, A.J. -2.1374*, 2.1375*
Rubin, M. -2.0534*
Rubin, P. -5.0506*
Rubin, R.J. -1.0208
Rubio, N. -5.0316
Ruch, R.R. -1.0050, 2.0131
Rud, O.E. -4.0190*
Rudd, N. -2.1248*
Rudinger, G. -2.1063
Rudolph, A.W. -5.0062
Rudolph, T.D. -5.0769*
Rueger, M.E. -2.0643
Rugh, R. -5.0870
Rukavina, K.R. -2.0203
Rukavina, N.A. -2.0976
Rumsey, T.D. -4.0644*
Rumsey, T.S. -4.0645*, 4.0956*
Rundo, J. -5.0285*
Runnels, J.L. -2.0104*
Ruohtula, M. -2.0095
Rusanowski, P.C. -2.0609
Ruschmeyer, O.R. -2.0642, 2.1599
Ruskova, T. -5.0002
Russ, O.G. -4.0324*
Russell, E.J. -2.0605
Russell, I.J. -5.0048*
Russell, J. -2.1223
Russell, J.H. -1.0622
Russell, P.H. -2.1348
Russell, T.W. -3.0100*
Russell, W.G. -4.0480
Russell, W.L. -5.0642, 5.0935*
Rust, J.H. -5.0306*, 5.0307*
Rustad, R.C. -5.0567*
Rutford, R. -2.0798
Rutherford, H.A. -2.1357, 2.1358
Ruzecki, E.P. -2.1122, 2.1124
Ryan, D.M. -3.0198
Ryan, G.F. -4.0510*
Ryd, H. -1.0139, 6.0110*
Ryder, R.A. -2.1514
Rygg, G.L. -4.0228*
Ryley, M.D. -3.0324
Rypka, E.W. -5.0428, 5.0431
Ryther, J.H. -3.0178*
Sabbe, W.E. -2.0480*
Sabel, A.T. -3.0232
Sabharwal, P.S. -1.0349*
Sabharwal, S.L. -4.0821

Sable, W.B. -2.0868
Sablinski, J. -5.0598
Saccomanno, G. -5.0307, 5.0423
Sacher, G.A. -5.0278, 5.0280*, 5.0287*
Sack, W.A. -2.1451*, 3.0345*
Sachen, W.M. -2.0380*
Sadek, S. -2.1297*
Sadler, K.C. -4.0747*
Saenz, O. -2.0824
Saenz, G. -2.0117*
Safaee, H. -6.0052*
Sager, P.E. -2.0853*
Saintjohn, G. -1.0676*
Saintjohn, J.B. -4.0340
Saintpierre, L.E. -2.1195
Saka, N.M. -2.0693
Sakada, H.M. -2.0561*
Salisbury, F.B. -5.0717*
Salo, E.O. -2.1129*
Saloman, C.H. -2.1525
Salomon, M. -2.0353, 4.0983
Saltzman, E.E. -1.0850*
Salunkhe, D.K. -4.0496*
Salvia, L.G. -5.0044, 5.0362
Samarbeam, J. -5.0316
Samet, C. -2.1637
Samli, S. -5.0843
Sampogna, J. -2.1578
Samuels, G. -2.1721
Samuels, M.R. -2.0990*
Samuelsen, G. -1.0005
Sand, L.B. -1.0568*
Sandberg, G. -5.0298
Sanders, B.S. -5.0589
Sanders, C.L. -5.0748, 5.0749, 5.0959
Sanders, E.B. -5.0590
Sanders, H.O. -4.0703, 4.0705, 4.0734*, 4.0735*, 4.0736*, 4.0737*, 4.0738*, 4.0739*, 4.1054
Sanders, J.L. -5.0096*
Sanderson, C.G. -5.0883
Sanderson, J. -1.0880
Sanderson, K.C. -3.0359*
Sanderson, M. -5.0290
Sanger, G.A. -2.0423
Sanger, J. -2.0205
Sanger, V. -2.0301*
Sanks, R.L. -2.0230*, 2.1330*
Sanna, R.S. -5.0880
Sanner, W.E. -3.0039
Sanner, W.S. -3.0293
Santelmann, P.W. -4.0162*
Santen, R.J. -5.0761
Santos, J.F. -2.1769*
Santry, I.W. -2.1433
Sanyer, N. -3.0351*
Sappington, C. -2.0573
Sapse, A.T. -1.0178*
Sarchek, A. -5.0335*
Sargent, F.O. -2.1921
Sargent, T.W. -5.0778*
Sarkanen, K.V. -1.0657*
Sarma, T.P. -2.0136
Sarofim, A.F. -1.0566*
Sartwell, P.E. -5.0351
Sasner, J.J. -2.0246
Sasser, L.B. -5.0658, 5.0659, 5.0675
Sastry, J.S. -2.0136
Sather, L.A. -2.0328
Sauerbeader, O.H. -2.1403*
Saunders, E. -2.0911*
Sauterey, -6.0029
Savage, E.S. -2.0347
Savage, J.M. -2.1794*
Savage, J.R. -5.0712
Savage, K.E. -4.0176*, 4.0177*, 4.0378
Sawhney, B.L. -5.0025*
Sawicki, E. -1.0739*, 1.0789*, 1.0790*, 1.0791*, 1.0792*, 1.0793*
Sawyer, D. -5.0005
Sawyer, P.J. -2.0245*, 2.0246*
Sawyer, R.F. -1.0005
Sax, H.J. -5.0033
Sax, K. -5.0033*
Sayre, R.M. -5.0574
Sayre, W.W. -2.1019*, 2.1020*, 2.1021*
Sbarra, A.J. -5.0388*
Scaletti, J.V. -5.0451, 5.0453
Scalf, M.R. -3.0011*, 4.0062*

Scanlon, D.H. -2.1719*
Scanlon, R. -1.0192
Scarseriaroggna, G. -5.0328*
Scarvia, J.F. -2.0846
Scarvbrook, C.E. -3.0046*
Schaake, J.C. -2.1850*
Schachter, E.R. -1.0483
Schaefer, K.E. -1.0191*
Schaefer, V.J. -1.0082*
Schaeffein, J. -5.0145
Schafer, E.W. -4.0579*
Schaffer, F.L. -2.1167
Schall, E.D. -4.1027*
Schaumburg, F.D. -2.0327*
Scheide, M.E. -1.0709
Scheil, D.M. -2.0470
Scheller, W.A. -2.0917*
Schenke, C.L. -2.0627
Scherch, N.C. -4.0280*
Scheuley, R.L. -5.0648
Scherlig, J.W. -2.1177*
Schermeister, L.J. -1.0115*
Scherz, J.P. -2.0857
Schlager, K.J. -5.0023*, 5.0802*, 5.0803*
Schlicht, R.J. -2.1254
Schlefer, F.R. -2.0206
Schliffmann, E. -2.0901*
Schlosel, L.A. -2.1792*
Schlott, T.D. -2.0839
Schlopper, L.A. -4.0802*
Schlörmer, F.B. -4.0180
Schlotzkey, F. -4.0627*
Schlageler, W. -5.0114
Schlatterer, E.F. -4.0749*
Schleicher, R.A. -5.0827*
Schlesinger, H.A. -3.0230*
Schlesinger, M.D. -1.0631, 3.0039, 3.0293
Schlichting, H.E. -2.1073*
Schmer, F.A. -2.0798*
Schmid, L.A. -2.1278, 2.1279*, 3.0149
Schmidt, C.J. -2.0967
Schmidt, E.L. -4.0369*
Schmidt, J.J. -5.0516
Schmirge, D.C. -4.0220*
Schmitz, W.R. -2.0443
Schneeman, B.W. -3.0228
Schneider, A.D. -2.0378*
Schneider, M.S. -2.1758
Schnelle, K.B. -2.1099, 2.1419*
Schneider, R.D. -6.0038
Schoenbach, L.H. -1.0213
Schoenbach, U. -2.0344*
Schoenberger, R.J. -2.0343
Schoepfer, G.J. -2.1312
Schoettger, R.A. -4.0722, 4.0906*, 4.0907
Schofield, C.L. -2.0692
Scholes, W.E. -6.0045*, 6.0064*
Schrader, F.F. -2.1670*
Schraufnagel, F.H. -2.0857
Schreiber, A.F. -2.0154
Schreiber, B. -2.0154*
Schreiber, L.R. -1.0413
Schreiner, R.F. -5.0507*
Schroeder, E.E. -2.0811*
Schroeder, H.A. -2.0247*
Schroeder, M.H. -4.0580*
Schroer, F.W. -2.1665
Schubert, L.D. -6.0072*
Schubert, J. -5.0590*, 5.0591*
Schubert, O.E. -4.0512*
Schuettpelz, D.H. -2.0855*
Schuldt, M.D. -2.0203
Schull, W.J. -5.0403
Schultz, D.W. -2.0332, 2.0734, 2.0338
Schultz, H.D. -3.0404
Schultz, J.S. -3.0180*
Schultz, M. -2.0530
Schultz, R.J. -2.0741
Schultz, R.K. -5.0118*
Schultz, S.E. -2.1198*
Schultz, S.S. -2.0510*
Schultz, V. -5.0734*
Schultze, N.C. -3.0182
Schulz, H.R. -4.0012
Schulz, K.R. -4.0200
Schulz, R.K. -5.0106, 5.0119*
Schulz, S. -5.0684
Schuman, G.L. -2.0241
Schumm, S.A. -2.0521

*INDICATES PRINCIPAL INVESTIGATOR

Schwab, G.D. -2.0302*, 2.0725*
Schwartz, C.H. -1.0634*, 3.0292*
Schwartz, R. -2.1222
Schwartz, W.A. -2.1371*
Schwartzman, R.A. -2.0972*
Schwebel, A. -5.0810*
Schweizer, E.E. -4.0249*
Schwendiman, L.C. -5.0962
Schwinoo, W.F. -2.0174*, 2.1037*, 2.1291*, 3.0166*
Scifres, C.J. -4.0183*
Scopp, I.W. -5.0495
Scott, B.C. -1.0158, 2.0417
Scott, R.H. -3.0288*
Scrivner, C.L. -2.0222
Scudder, W.T. -4.0284*
Seagraves, J.A. -2.1359*, 2.1890
Seaman, G. -4.0320
Seaman, R. -5.0210
Sears, H.S. -4.0534
Seeley, H.W. -2.0264
Seelinger, J. -2.1207
Seely, C.I. -4.0103*
Sehmel, G.A. -5.0962*
Seiber, J.N. -4.1001
Seidel, H.F. -2.1269
Seidenstat, P. -3.0291
Seigworth, K.J. -2.1715*
Seizinger, D.E. -1.0126*
Sekera, Z. -1.0316*, 1.0865*
Sell, R.W. -3.0315
Selikoff, I.J. -1.0226*
Sell, J.L. -4.0803*
Selleck, R.E. -2.0488*
Selzer, S.D. -2.1873
Sem, G. -1.0733*
Semonin, R.G. -2.0133*
Senft, J. -3.0128
Sengpa, A. -5.0709*
Senko, A. -6.0059*
Sens, C.L. -2.1793
Senn, T.L. -3.0310, 3.0311
Senser, F. -4.0296*
Serafichekas, H.R. -2.0787, 2.0942*
Sercarz, E.E. -1.0178
Serianni, R. -5.0525
Serrano, L.J. -5.0647, 5.0654, 5.0936*
Setser, W.G. -2.1433
Severson, J.L. -2.1307
Severson, K.E. -4.0847*
Sew, F.W. -3.0169
Sewell, J.I. -2.1418*, 3.0316*
Seyb, L.P. -2.0203*, 2.0336*
Seymour, A. -2.0091*
Seymour, A.H. -5.0762*
Sgaramella, L. -5.0766
Shabestari, L. -5.0727
Shackleford, J.M. -5.0092
Shacklette, H.T. -1.0331*
Shafer, F.L. -1.0495*
Shah, D.O. -2.0273*
Shahady, P.A. -6.0012*
Shahed, S. -1.0166
Shair, C.C. -1.0661*, 1.0662*
Shalek, R.J. -5.0694
Shane, M.S. -2.1522*
Shane, R.M. -2.0346
Shannon, J. -2.1919
Shapiro, B. -5.0579, 5.0580*
Shapiro, J. -2.0645*
Sharkey, A.G. -1.0635*
Sharma, R.P. -4.0882*
Sharma, V.S. -5.0591
Sharp, C.W. -4.0787
Sharp, E.L. -1.0362*
Sharp, J.V. -2.0244*, 2.1054*
Shaulis, N.J. -4.0415*
Shaw, D.T. -1.0677
Shaw, F.R. -4.0959*
Shaw, R.H. -4.0033, 4.0311
Shaw, W.C. -4.1052*
Shealy, R.D. -2.1868*
Sheaffer, J.R. -3.0122*
Sheehan, J.E. -2.0353*
Sheena, D. -5.0399*
Sheets, T.J. -4.0061*, 4.0422, 4.0798, 4.0977*, 4.1089, 4.1091*, 4.1092*
Shehadeh, Z. -2.0567
Sheib, C.M. -1.0136
Sheid, G. -2.1170
Shellenberger, C.J. -5.0531*
Shellenberger, T.E. -4.0628*
Shelley, P.L. -2.1395
Shen, H.W. -2.0080*, 2.0984*
Shendrikar, A. -1.0057
Shenton, L.R. -5.0032
Sherberger, F.F. -2.0997
Sherburne, J.A. -4.0768
Sherer, U. -2.1904
Sherman, L.R. -4.0422
Sherman, M. -4.0607*, 4.0608*
Sherrit, G.W. -3.0303*
Sherwin, R.P. -1.0317*
Sherwood, C.H. -4.0033*, 4.0309, 4.0311*
Sherwood, P.T. -3.0324*
Shetron, S.G. -5.0029*
Shetler, D.S. -2.0202*
Shifrine, M. -5.0134
Shimizu, H. -1.0596, 5.0331
Shimizu, Y. -2.0354*
Shimp, N.F. -1.0050, 2.0131
Shindala, A. -2.0654, 2.1318*, 2.1512, 2.1613*
Shinn, A.F. -5.0640
Shinni, M.T. -2.0055*
Shipley, G. -5.0019
Shipley, H. -2.1151*
Shipley, W.U. -5.0366*
Shirazi, M.A. -2.0882
Shirley, H.V. -3.0317*
Shirley, J.H. -1.0687
Shnidman, R. -5.0848*
Shoffner, R.N. -3.0193
Shohji, T. -5.0488
Shonka, F.R. -5.0838*
Shoop, C.R. -5.0603*
Shore, R.E. -5.0487
Short, R. -2.1834
Short, W.L. -1.0563*, 2.1294
Shows, T.N. -2.0649*
Shreffler, D.C. -5.0403
Shropshire, W. -5.0234
Shultz, J.L. -1.0635
Shumake, S. -5.0254
Shumaker, J.R. -4.0270*
Shumon, F.L. -4.0046
Shumon, M.S. -2.0706
Shumate, K.S. -2.0303, 2.0721, 2.0934, 2.1376*
Shumway, D.L. -2.0328*
Shupe, J.L. -1.0428*, 4.0982
Shuster, W.W. -2.0275*
Siafono, W.D. -2.1786
Sideris, C.G. -5.0732
Siegel, L. -1.0382
Siegel, M.R. -4.0114*
Sievers, J.R. -1.0486*
Sigafus, R.E. -4.0327
Sigelmann, R.A. -6.0119
Sigler, W.F. -2.1112
Signby, J. -1.0105*, 1.0794*, 1.0795*, 1.0796*, 1.0797*
Sikka, H.C. -4.1086
Sikora, W. -2.1537
Sikov, M.R. -5.0744
Silberman, D. -1.0383
Silberman, E. -2.0206*, 2.1051*, 2.1600*
Silker, W.B. -1.0160, 2.0418
Sill, C.W. -5.0821*, 5.0823
Sill, W.H. -4.0325*
Silva, A. -5.0781
Silva, C. -5.0018*
Silver, I.L. -5.0122, 5.0125
Silver, L.T. -5.0016
Silver, M.L. -2.0578*
Silver, S.A. -2.1223
Silverman, C. -5.0028*
Silverman, S. -5.0897
Silverstein, F.A. -2.0266
Silverston, P.L. -3.0088*
Silvey, J.K. -2.0382*
Silvey, W.D. -2.0041*
Simanton, W.A. -4.0278*
Simins, H.J. -2.1347*
Simko, A. -1.0585*
Simmons, D.J. -5.0288*
Simmons, E.L. -5.0308*
Simmons, G.M. -2.0834*
Simmons, M.L. -2.0507
Simon, J. -5.0266*
Simons, D.B. -2.0080, 2.0984
Simonson, R.N. -3.0243*
Simonson, G.H. -2.0329*
Simpson, D.G. -1.0661
Simpson, K.L. -4.0171
Simpson, R.W. -6.0089*
Simpson, W.W. -1.0326
Sims, E.T. -3.0311
Sinclair, C.B. -2.0023*
Sinclair, D. -5.0876
Sinclair, J.W. -2.0401
Sinclair, N.S. -2.0020
Sinclair, W.K. -5.0289*, 5.0828*
Singer, I.A. -1.0079, 1.0091
Singer, J.M. -1.0134*
Singer, R.H. -4.0866*
Singh, D. -5.0839
Singh, R. -2.0974*
Singh, R.N. -2.1452
Singletary, -2.1531
Singleton, E.L. -3.0391
Singley, J.E. -3.0049*, 3.0110*
Singley, M.E. -3.0222*
Singmaster, J. -4.0472*, 4.1107*
Sinha, K.N. -5.0920
Sinha, R. -1.0231
Sinha, R.K. -1.0642
Sink, J.D. -4.0837*
Sipe, C.R. -5.0520
Siracusa, G. -5.0329
Sisson, T.R. -5.0585
Sistrunk, W.A. -4.0217*
Sisdah, R. -2.1161
Siwicki, R. -5.0916*
Skarvgard, L.D. -5.0185*
Skau, C.M. -2.0243
Skeen, D.M. -2.0773
Skelton, T.E. -4.0475*
Skoberbee, G.V. -2.0985*
Skodje, M.T. -3.0258
Skog, J.B. -6.0024*
Skogerboe, G.V. -2.0520*
Skopp, A. -1.0589*
Skougstad, M.W. -2.0514*
Skrinde, R.T. -2.1294*
Slack, A.V. -1.0648*
Slack, K.V. -2.1494*
Sladkovic, R. -1.0044
Slanetz, L.W. -2.1331*
Slater, H.H. -1.0798*, 1.0799*
Slates, S.S. -5.0919
Sleesman, J.P. -4.0444*
Sleight, S.D. -4.0675*
Slife, F.R. -4.0105*
Slife, F.W. -4.0032*, 4.0944
Sliwa, W.G. -2.0415, 2.0417
Sloan, W.G. -2.1283
Slobodian, E. -5.0490*
Slonim, A.R. -1.0411*
Slover, H.T. -4.0953
Sly, P.G. -2.0976*
Small, E.B. -2.1262*
Small, G.D. -5.0807*
Smalley, E.B. -4.0917
Smalley, H.E. -4.0867*, 4.0868*
Smart, J.V. -2.0485
Smayda, T.J. -2.0775*
Smith, B.N. -2.0815
Smith, C.A. -2.0422
Smith, C.L. -2.0411*
Smith, D.D. -5.0421*
Smith, D.E. -2.0109*
Smith, D.S. -1.0005
Smith, E.B. -3.0409
Smith, F.E. -2.0303*
Smith, F.H. -2.0489*
Smith, F.M. -5.0873*
Smith, F.N. -1.0466*
Smith, F.A. -1.0237*, 4.0856*
Smith, G.E. -2.0222*, 2.0223*, 2.1473*
Smith, G.S. -2.0684*
Smith, H.F. -2.1254*
Smith, H.H. -5.0532*, 5.0533*, 5.0534*
Smith, H.L. -1.0215
Smith, J. -1.0108*, 1.0803*, 2.1281
Smith, J.C. -5.0254*, 5.0814*, 5.0815*
Smith, J.D. -2.1299*, 2.1300*, 2.1444, 2.1765
Smith, J.K. -2.1282

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Smith, J.M. -2.0877*
Smith, J.T. -4.0851*
Smith, K.C. -5.0170*, 5.0171*
Smith, L. -1.0033*
Smith, L.H. -5.0646*, 5.0931
Smith, L.L. -2.1605*, 2.1606*
Smith, L.W. -3.0161*
Smith, M.E. -1.0079, 1.0091*
Smith, M.R. -1.0068*, 4.0370*
Smith, N. -3.0157*
Smith, N.S. -1.0858
Smith, P.F. -6.0075*
Smith, P.H. -2.0545*, 2.0995
Smith, R. -2.1372*, 2.1893*
Smith, R.C. -2.0962*, 2.1213*, 2.1214*, 2.1469
Smith, R.E. -3.0111*, 3.0112*, 3.0113*
Smith, R.J. -2.0633*
Smith, R.L. -2.0401*, 2.1477, 3.0043, 4.0187*
Smith, R.M. -2.1452*, 4.0653, 4.0654
Smith, R.W. -2.1551, 3.0082*
Smith, S.G. -2.0868*
Smith, V. -5.0181
Smith, V.H. -5.0753*
Smith, W.H. -1.0335, 1.0336*
Smith, W.M. -2.1454*
Smithson, G.R. -2.1333
Smoekler, H.H. -6.0108*
Snedaker, S.C. -5.0031
Sneddon, R.B. -1.0634, 3.0292
Snell, A.W. -3.0310
Snell, R.E. -1.0192*
Snook, P.E. -2.0973
Snoeyink, V.L. -2.0581*, 2.1258, 2.1263*
Snow, R.H. -2.1246*
Snows, T.N. -2.0650*
Snyder, D.P. -5.0375*
Snyder, F.L. -5.0628*
Snyder, G.R. -2.1763*
Snyder, J.H. -2.1791*
Snyder, M. -1.0287
Snyder, S.H. -5.0352*
Snyder, W.S. -5.0632, 5.0937*
Soares, M.J. -5.0099
Sobel, A.T. -3.0236, 3.0237, 3.0240*, 3.0241*
Sobel, H. -5.0184*
Sobkowski, F.J. -5.0311*
Soderquist, M.R. -2.1388*, 3.0035*
Sohns, H.W. -2.1465, 2.1466, 3.0357, 3.0408
Soileau, L.D. -4.0333*
Solberg, R.A. -1.0364, 4.0752
Soldwedel, R.H. -2.1059*
Solio, F.W. -2.0130, 2.1264*
Solomon, A.M. -1.0076
Somasundaran, H.C. -6.0013*, 6.0102*, 6.0103*
Son, A. -1.0015
Sondel, J.A. -2.0259
Sondhaus, C.A. -5.0145
Song, C.C. -2.0646*
Sonnichsen, J.C. -2.1755, 2.1759
Soo, S.L. -1.0554*
Sooby, D. -5.0326
Sood, S.K. -2.0124
Sopher, R.L. -1.0221*, 5.0450
Sopper, W.E. -2.1404*
Sorensen, S. -6.0042
Soroka, W.W. -6.0022
Sortero, S. -6.0039
Suomi, V.E. -1.0859*
Sousa, J.A. -5.0394*, 5.0859*
Southall, M. -1.0151
Sowers, K.G. -2.1889*
Sowyrda, A. -2.0258
Spackman, W. -3.0304*
Spadaccini, L. -1.0083
Spalding, D.H. -4.0339
Spalding, J.F. -5.0463*, 5.0464*, 5.0465*, 5.0466*, 5.0467*, 5.0468*, 5.0469*, 5.0470*, 5.0471*, 5.0867*
Sparks, R.E. -2.1745
Sparling, A. -3.0090
Sparroo, A.H. -5.0535*, 5.0536*, 5.0898*, 5.0899*
Spath, P.C. -2.1715, 2.1716*
Spaulding, I.A. -2.1910
Speaker, L. -1.0895
Spear, R.D. -2.0275, 2.0704
Speer, V.C. -1.0055
Speicher, J.A. -3.0187*
Speiser, F.E. -1.0212*
Spencer, D.W. -2.0621
Spencer, H. -5.0316*
Spencer, J.M. -2.0390*
Spencer, L.V. -5.0809
Spencer, W.F. -3.0076, 4.0090*
Sperry, M. -5.0478
Sperling, H.G. -5.0695*
Sperti, G.S. -5.0557*
Spicer, W.S. -1.0209
Spiegelberg, H. -5.0178
Spielman, L.A. -2.1042*
Spiroudis, V.R. -3.0382
Splittstoesser, W.E. -4.0614
Spoor, W.A. -2.1668*
Sprenz, E.C. -5.0883
Sprigg, W.A. -1.0890
Springer, K.J. -1.0533*
Sprinz, H. -5.0241*
Spritzer, A.A. -1.0292
Sproul, C.R. -2.0106*, 2.0107*
Sproul, O.J. -2.0900*
Sprugel, G. -4.0029*
Squires, A.M. -1.0595*
Squires, P. -1.0072*
Squires, R.G. -1.0884*
Squires, S. -4.1011
Srinivasan, B.N. -5.0387
Srinivasan, V.R. -3.0373
Staats, G.E. -2.0660*
Stabo, E.J. -2.0207*
Stacey, J.S. -4.0250*
Stark, V.T. -2.1407*
Stadelmaier, R.A. -2.1064
Stadleman, W.J. -4.0618*
Staffeldt, E. -5.0287
Staffin, H.K. -3.0121
Stafford, E.M. -4.0012
Stafford, R.S. -5.0639
Stahman, R.C. -1.0574*
Stairs, G.R. -1.0437*
Staker, W.L. -3.0401
Stall, J.B. -2.1012*
Stalling, D.L. -4.0049*, 4.0695, 4.0704, 4.0728, 4.0729, 4.0730, 4.0734, 4.1056*, 4.1057*
Stamm, A.J. -2.1074*
Stanczyk, M.H. -3.0380*
Standifer, L.N. -4.0535*
Stanford, G. -2.0170
Stanko, J.A. -1.0641*
Stanley, J.P. -5.0341
Stanley, T.W. -1.0079*, 1.0671*
Stannard, J.N. -5.0889*
Stannet, V.T. -5.0555*
Stark, R.W. -4.0550
Starkman, E.S. -1.0005*
Starliper, A.G. -3.0384
Starnes, W.R. -5.0091
Start, G.E. -5.0035
Staub, B.R. -2.0802*
Stavely, J.R. -1.0353
Stavinoha, W.B. -4.0817*
Stead, F.M. -3.0079
Stead, F.W. -5.0021*
Steadman, L.T. -5.0508*
Stearner, S.P. -5.0290*
Stearns, R.P. -2.0967
Stechel, J.E. -3.0223*
Stedronsky, V.L. -1.0591*, 1.0592*
Steele, S.W. -2.0882
Steele, W.A. -2.1491, 5.0007
Steenson, D.H. -3.0394*
Steenson, D.J. -2.1892
Stefan, H. -2.0206, 2.1600
Stefani, S.S. -5.0312*, 5.0313*, 5.0314*, 5.0315*
Stefanka, R.H. -3.0304
Steffensen, S.W. -3.0244
Stehle, N.S. -3.0020*
Stehney, A.F. -5.0291*
Steigerwalter, S. -2.0152
Steimle, S.E. -2.0164
Stein, G. -5.0327*
Steinberger, A. -5.0581
Steinberger, E. -5.0581*
Steinbrugge, G.W. -6.0038*
Steiner, R.L. -2.0343
Steingruber, O.J. -5.0825
Steinhauer, A.L. -4.0353*
Steinberg, R.L. -2.1385
Steingle, T.J. -2.0405
Stephens, E.R. -1.0016, 1.0325, 1.0871*
Stephens, N. -5.0628
Stephenson, D.A. -2.0866*, 2.1138*, 3.0345
Stephenson, J.B. -3.0384, 3.0386
Stephenson, M.E. -2.0197*, 3.0188*
Stepp, J.M. -2.1416*
Stern, A. -1.0496*
Stern, D.H. -2.0164*, 2.0658*
Stern, H. -2.0027
Stern, H.I. -3.0249*
Stern, M.S. -2.0164, 2.0658
Stern, V.M. -4.0565*, 5.0175*
Sterner, J.W. -3.0401
Sterrafelr, H. -6.0016*, 6.0017*
Sterzl, J. -5.0221*
Stessel, C. -2.0776*
Stevens, A.A. -2.0465
Stevens, B.H. -2.1904
Stevens, C.M. -1.0048*
Stevens, P.R. -2.0376*
Stevens, W. -5.0719, 5.0724*, 5.0954
Stevenson, F.J. -4.0106*
Steward, K.K. -4.0939*
Steward, P.G. -5.0416
Stewart, B.A. -3.0320*
Stewart, E.H. -2.0096*, 2.1227
Stewart, G.F. -1.0311, 2.0030, 2.1273, 4.1002*
Stewart, H.E. -1.0005
Stewart, J.R. -5.0172
Stewart, M. -2.1001
Stewart, N.E. -4.0825
Stewart, P.B. -3.0066
Stewart, R.F. - 1.0661, 1.0857*, 1.0858*
Stewart, R.W. -2.0879*, 2.1060*
Stewart, W.H. -2.0804
Stickney, R. -2.1617
Stiefel, R.C. -2.0181
Stiehm, R. -1.0178
Stier, E.F. -4.0401*
Stiles, A.R. -4.0 48
Still, C. -4.0966*
Stingelin, R.W. -2.0760
Stirton, A.J. -4.1106*
Stitt, L.L. -4.1073*
Stober, Q.J. -2.1129
Stockdale, W. -2.1723, 5.0072
Stoermer, E.F. -2.0627
Stoertz, G.E. -2.0535*
Stoevener, H.H. -2.1898*, 2.1899*, 2.1900*
Stoevsand, G.S. -4.0766*
Stoiber, M. -5.0102*
Stojanovic, B.J. -4.0048*, 4.0134*, 4.1052
Stokes, R.A. -4.1122*
Stolgitis, J.A. -2.1095*
Stoller, E.E. -4.0304
Stoller, E.W. -4.0105
Stoltz, L. -4.0328*
Stone, J.M. -5.0129
Stone, R. -2.0967*
Stone, R.S. -5.0451
Stone, S.P. -5.0785*
Stone, W.H. -5.0766*
Stoner, R.D. -5.0537*
Stoops, R.F. -3.0395*
Storer, J.B. -5.0647*, 5.0654
Storer, R.N. -2.0500*
Storey, E.H. -2.1827
Stormont, C. -4.0555
Storrs, P.N. -2.1225
Story, P.R. -1.0880*
Stotzky, G. -1.0379*
Stover, B.J. -5.0719, 5.0723, 5.0724, 5.0725*, 5.0952, 5.0954
Strachan, A.R. -2.0491*
Straub, C.P. -2.0208*, 2.1558*
Straub, R.F. -5.0897
Straw, J.A. -4.0584
Street, J.C. -4.0882, 4.0883*
Streeter, R.C. -2.1394
Streit, G. -1.0862
Stretz, R. -2.0047*, 2.0048*
Stretch, A.W. -4.0402*
Streu, H.T. -4.0403*
Striegel, L.E. -2.1834
Striffler, W.D. -2.0521
Strittke, J.F. -4.0175*
Strobel, G. -2.0696*

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Strobel, G.A. -2.0231*, 4.0965
Strolle, E.O. -3.0305*
Strong, A.L. -2.1906*
Strother, A. -4.0560*
Stuart, B.O. -5.0747, 5.0754*, 5.0959
Stuart, M.L. -5.0008
Stuart, R.N. -5.0142*
Stucky, N. -2.0236*, 2.0664*, 4.0754*
Stuiver, M. -2.0849*
Stukel, J.J. -1.0554
Stull, J.W. -4.0537*
Stumm, E. -2.1298
Stumm, W. -2.1298*, 2.1582*
Stunup, W.J. -2.0973
Stuper, J. -4.0998
Sturm, G.P. -1.0127*
Sturrock, P.E. -2.0557*
Stutzenberger, F.J. -3.0036*
Sublette, J.E. -1.0376*
Sublette, M.F. -1.0376
Subrahmanyam, V. -5.0048
Sud, B. -5.0581
Suddarth, S.K. -3.0370
Sudds, R.H. -3.0053
Suess, H.E. -2.0505*, 5.0790*
Suffet, I.H. -2.0757*
Suga, N. -6.0093*
Suggitt, F.W. -2.1920*
Sugiyama, H. -2.0452*, 2.0453*
Sullins, J.K. -3.0315
Sullivan, E.P. -4.0251*
Sullivan, J.J. -5.0857
Sullivan, M.F. -5.0755
Sullivan, P.M. -3.0378, 3.0380
Sullivan, R.H. -2.0123, 2.1242*, 3.0120
Sullivan, T.A. -3.0391*
Sulzbach, C.W. -1.0431
Summer, R.E. -2.0410
Sumner, D.H. -1.0622
Sundaram, T.R. -2.1063*
Sundquist, J.E. -2.0439
Sundstrom, D.W. -2.1204*
Surber, E.W. -2.0833*
Suskind, R.R. -4.0805*
Sussman, D.L. -2.1411*
Sussman, M.V. -1.0720*
Sutherland, D.J. -4.0146*
Sutherland, J.B. -5.0199*
Sutherland, L.C. -6.0004*
Sutterfield, F.D. -1.0127
Sutton, D.C. -5.0883
Suzuki, Y. -1.0226
Svanks, K. -2.0934*, 2.1377*
Svendsen, G.E. -4.0907*
Svoboda, V. -5.0222
Swan, D.G. -4.0511*
Swanson, C.R. -4.0960, 4.1105*
Swanson, E.W. -5.0621*, 5.0671
Swanson, G.R. -2.1828*
Swanson, N.P. -2.0240, 3.0213
Swanson, W.M. -3.0118*
Swedberg, D. -4.0740*
Swedberg, S. -2.0229
Swedburg, D.V. -4.0919*, 4.0920*
Sweeney, J.P. -4.0342*, 4.0957*
Sweeney, R.A. -2.1064*
Sweet, B.H. -2.1281*
Sweet, R.D. -4.0152*, 4.0420*
Sweet, W.E. -2.0818*
Swenson, P.A. -5.0648*
Swiatosz, E. -1.0546*
Swietochowski, B. -4.0469
Swift, D.L. -1.0208
Swift, W.H. -2.0419*
Swindell, G. -1.0698
Swinton, E.A. -2.1161
Swisher, S.D. -1.0145, 2.1723, 5.0940
Swoboda, A.R. -4.1123*
Syers, J.K. -2.0437, 2.0446, 2.0454*, 5.0089
Sylvester, R.O. -2.1127
Szabo, E. -2.0568*
Szewczyk, A.A. -1.0886
Szkolnik, M. -4.0055*
Szumiel, I. -5.0598
Tabachnick, J. -5.0582*
Tabb, D.C. -2.1527, 2.1532*, 2.1809
Tabita, R. -2.1068
Taft, C.E. -2.0726*
Tahmisian, T.N. -5.0292*
Tai, C. -5.0416
Taigounkou, E.P. -2.1378*, 3.0266*
Takahashi, T. -2.0699
Takayama, Y. -2.1828
Talbert, R.E. -4.0084*, 4.0218*
Talekar, N.S. -4.0206
Taliaferro, R.C. -2.1450
Taliaferro, W.H. -5.0293*
Tamplin, A.R. -5.0143*
Tamura, T. -2.0374, 5.0076*
Tan, L. -2.0506*
Tanabe, M. -4.0930*
Tanada, T. -5.0356*
Tanaka, K. -1.0861
Tancredi, P. -3.0172
Tandy, R.K. -5.0785
Tanner, T.M. -1.0160
Tannian, F.X. -2.1808*
Tappan, W.B. -4.0281*, 4.0282*
Tapper, D.N. -5.0483*
Tarafder, S.A. -5.0066
Tardiff, R.G. -2.0717*
Tarrant, R.F. -4.0164*
Taschenberg, E.F. -4.0416*, 4.0417*
Tash, J.C. -2.0333
Tashiro, H. -4.0150*
Tavares, M.H. -5.0599
Taylor, A.W. -2.0170*, 4.0120*, 4.0121*, 5.0041
Taylor, D.C. -3.0244
Taylor, D.P. -2.0893
Taylor, G. -1.0287, 1.0337
Taylor, G.N. -5.0719, 5.0720, 5.0721, 5.0722, 5.0723, 5.0726*, 5.0727*, 5.0952, 5.0953, 5.0954
Taylor, G.S. -2.0725
Taylor, J.K. -1.0692, 1.0693
Taylor, J.L. -2.1525*
Taylor, K.R. -2.0611*
Taylor, K.W. -6.0071
Taylor, L.S. -5.0808*
Taylor, O.C. -1.0320, 1.0324*, 1.0325, 1.0870
Taylor, R.G. -2.0254*
Tayoum, D.H. -5.0952
Teah, B. -1.0204
Teal, J.M. -2.1580, 2.1586*
Tebbens, B.D. -1.0006*
Tedford, J.E. -5.0035
Tedrick, R.N. -6.0002*
Teichner, W.H. -1.0210*
Telegadas, K. -1.0713
Telford, J.W. -1.0072
Teller, A. -1.0443*
Teller, H.L. -2.0980*
Tempelmeyer, K.E. -1.0147*
Templeton, W.L. -2.0414, 2.0420, 2.0845, 2.1752, 2.1758
Teneyck, G.R. -2.1026
Tennant, R.W. -5.0649*
Tenney, M.W. -2.1267*, 2.1268*
Terapka, A.R. -5.0509*
Terhaltoub, R.W. -2.0349
Terman, J.W. -5.0413
Terranova, A.C. -4.1095*
Terras, G. -5.0537
Terriere, L.C. -4.0825, 4.1102*
Terry, C. -1.0860*
Terzis, A. -2.1079
Test, F.L. -2.1093*
Tester, J.R. -5.0413*
Testerman, M.K. -2.0481*
Tews, L.L. -2.1139*
Thacker, E.J. -4.1096*, 4.1097*, 4.1098*, 4.1099*, 4.1100*
Thackray, R.I. -6.0105*
Thackston, E.L. -2.0370, 2.0806*, 2.1099, 2.1102*, 2.1103*
Thatcher, L.L. -2.0515*
Thayer, G.W. -2.1656
Theard, L.P. -5.0176*
Thekkekandam, J.T. -4.0422
Therrien, C.D. -2.1690
Thieges, B.A. -1.0414
Thomann, R.W. -2.1646
Thomas, B.L. -1.0156
Thomas, C.C. -2.0259
Thomas, C.W. -1.0160
Thomas, D.G. -4.0647
Thomas, F. -1.0141*
Thomas, G.W. -4.0184*
Thomas, H.A. -2.1293*, 2.1847, 3.0173*
Thomas, H.E. -3.0408
Thomas, J. -5.0222
Thomas, J.F. -1.0006, 2.0486
Thomas, J.P. -2.1765
Thomas, J.W. -5.0876
Thomas, R.G. -2.0389, 5.0432, 5.0440, 5.0449*
Thomas, R.L. -2.0976, 5.0439, 5.0470
Thomas, R.O. -4.0386*
Thomas, W.A. -2.1499*, 2.1721, 4.0072
Thomason, R.V. -3.0101
Thompson, C.R. -1.0325*
Thompson, D. -1.0304
Thompson, D.R. -2.0311
Thompson, E.M. -4.0807
Thompson, G. -2.0187
Thompson, J.C. -5.0053, 5.0566
Thompson, L.O. -2.1919
Thompson, N.P. -4.0266*, 4.0268
Thompson, R.J. -1.0801*
Thompson, S.E. -5.0009, 5.0783, 5.0784
Thompson, T.L. -2.0973
Thompson, W.D. -5.0948*
Thomson, D.C. -6.0086*
Thomson, J.C. -1.0575*, 1.0576*
Thomson, J.F. -5.0294*
Thornburgh, D. -4.0541*
Thorsen, W. -3.0231
Thorup, R.T. -2.0900
Threlkeld, J. -2.0801*
Threadgill, E.D. -4.0047*
Thuesen, G.J. -2.1818*
Thurber, D.L. -2.0698
Thurston, R. -4.1036*
Thygeson, J.R. -3.0289
Tibbs, J.F. -2.0662*, 2.1632
Tibby, R.B. -2.0493*, 2.1181
Tichenor, B.A. -2.0337*
Tiedje, J.M. -4.0365*
Tien, C. -2.0923*, 2.1355*
Tietjen, J.H. -2.0693, 2.1652
Tiffany, M. -2.0052
Tihen, S.S. -2.1465, 2.1466*, 3.0357*
Tillery, M.I. -1.0236
Tilley, L.J. -2.0359*, 2.1707
Tillman, F.A. -1.0444*
Tillman, J.D. -5.0641
Tilstra, J.R. -2.0332, 2.0334, 2.0338
Tilton, R.C. -2.1206
Timiras, P.S. -5.0120*
Timmons, G.R. -2.0209*
Timmons, F.L. -4.0014*, 4.0074*
Timmons, J.F. -2.1852*
Timmons, R.B. -1.0876*
Timourian, H. -5.0144*
Timpe, W.G. -2.1350*
Tindle, R.C. -4.0049, 4.1056, 4.1058*, 4.1059*, 4.1060*, 4.1061*, 4.1062*
Tingey, D. -1.0404*
Tinney, E.R. -2.1126*
Tinsley, I.J. -4.0978
Tio, M.A. -1.0420*
Tippins, H.H. -4.0289*
Tipton, M.J. -2.0798
Tipton, R. -2.1389
Tischler, L.F. -2.0808, 2.0809, 2.0810
Tobey, D.M. -2.1837*
Tobias, C.A. -5.0107, 5.0113, 5.0114, 5.0121* 5.0122*, 5.0123*, 5.0124*, 5.0125* 5.0126*, 5.0775, 5.0776, 5.0777, 6.0066* 6.0067*
Tobias, J.V. -6.0014*, 6.0015*
Toburen, L.H. -5.0739
Todd, F.A. -4.1088, 4.1090
Todd, J.A. -2.1498*
Todorov, S. -5.0104*
Todorovski, B. -4.1134*
Toerien, D.F. -2.0487
Tofflemire, T.J. -3.0227
Tolbert, B.M. -5.0202*
Tolmach, L.J. -5.0416*
Tombes, A.S. -2.1708*
Tombropoulos, E.G. -5.0749
Tomizawa, C. -4.0312*
Tomlinson, H. -1.0333, 1.0334*, 1.0337
Tomova, T. -5.0002
Tompkins, E. -5.0372*
Tompkins, E.H. -2.1922*

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Tompkins, W.A. -4.0038*
Tomsho, G.M. -3.0120
Tong, C. -2.0450, 2.1137
Toole, J.E. -2.1728*
Toor, H.L. -1.0628
Torelli, P.J. -4.0104*
Torgeson, D.C. -4.0153*
Toribara, T.Y. -4.0779*
Torpey, W.N. -2.1338*, 3.0224*
Tortoriello, R.C. -2.0678, 2.1644, 2.1873*
Tossey, D.F. -2.0935*
Toth, S.J. -4.0147*
Toubangeau, P.C. -4.0752
Touchberry, R.W. -5.0318*
Touchstone, J.C. -6.0107
Touhill, C.J. -2.0419
Tourtellotte, W.W. -5.0404*
Touzet, R. -5.0001
Town, C. -5.0171
Town, J.W. -1.0622*
Townsend, A.M. -1.0413*
Townsend, L.B. -2.0577
Toy, H. -2.1919
Trachtenberg, I. -2.0820*
Trainer, F.W. -2.1117*
Trainor, F.R. -2.0530*
Tramutt, P.R. -2.0073*, 2.0516*, 2.0517*, 2.1508, 2.1510*
Tratnyek, C. -4.0659
Trautman, M.B. -2.0722
Travis, H.F. -4.0775*, 6.0095*
Trejo, R. -5.0343
Trent, W.L. -2.0384*
Trentin, J.J. -5.0689*
Treshow, M. -1.0429
Tripler, A.B. -2.1333
Triplett, G.B. -4.0445*
Tripp, B. -2.1584
Triulzi, C. -2.0154
Trochev, T. -5.0102
Trucco, E. -5.0286
Truelove, B. -5.0090*
Trumbore, C.N. -5.0223*, 5.0224*
Tryon, C.A. -5.0592*
Tsai, C. -2.1577*
Tsanev, R. -5.0103*
Tsao, G.T. -2.1271*
Tsavoglou, E.C. -2.0998*, 2.0999*
Tso, M. -2.0439
Tso, T.C. -4.0405*
Tubb, R.A. -4.0807*, 4.0808*
Tuck, C. -2.1421*
Tucker, J.H. -2.1704, 2.1705
Tucker, L.S. -3.0244
Tucker, R.C. -2.1740*
Tucker, R.J. -2.1845
Tucker, R.K. -4.0581*
Tucker, W.E. -2.1147*, 2.1148
Tueller, P.T. -5.0422*
Tufte, P.H. -1.0117
Tukey, H.B. -2.0268*
Tulis, A.J -2.1245
Tuma, J. -1.0883
Tumolillo, T.A -4.0320
Tuncer, O.I. -5.0708
Tung, S.K. -1.0554
Turian, R.M. -2.1355, 3.0247*
Turk, L.J. -2.0375
Turner, C.D. -5.0376*
Turner, F.B. -5.0160*
Turner, J. -5.0938*
Turner, J.E. -5.0933, 5.0939
Turner, M.A. -5.0931
Turner, P.M. -2.1511*
Turner, W.V. -2.1333*, 2.1334*
Turner, W.W. -2.1836
Turnipseed, S.C. -4.0843*
Tuscany, R. -5.0222
Tuteja, A. -1.0166
Tuwiner, S.B. -3.0242*
Twardock, A.R. -5.0317
Twedt, R.M. -2.0433
Tweedy, B.G. -4.0134*, 4.0140*, 4.1065
Twigg, B.A. -2.1290
Twiss, R.H. -2.1788*
Twiss, S. -1.0004
Twitchell, P. -2.1583*
Tybout, R.A. -2.0721, 2.1896*

Tyler, D. -1.0517*, 1.0518*, 1.0519*, 1.0612*, 1.0802*
Tyler, M.E. -2.0995*
Tyler, S.A. -5.0284, 5.0290, 5.0295*
Tyler, W.S. -1.0175*
Tyndall, R.L. -5.0649
Tyrrell, M.E. -3.0360*
Tysowsky, M. -4.0354*
Uber, D. -2.1491
Ucer, E. -5.0709
Uchino, H. -5.0330*
Uesugi, Y. -4.0312
Ukeles, R. -2.1517*
Ulich, W. -3.0012*
Ulrikson, G.U. -2.1720, 2.1723, 5.0069, 5.0072, 5.0640
Umphlett, C.J. -2.0794
Underbrink, A.G. -5.0898
Underhill, D.W. -1.0213
Ungaretti, R.J. -1.0627
Unlu, Y.M. -2.0392*
Unnikrishnan, G. -5.0839
Unnown, -2.1853*
Unz, R.F. -2.1405*
Upham, J. -1.0405*, 1.0468*, 1.0469*
Upham, R.W. -2.1078*
Urbach, F. -5.0585*
Urone, P. -1.0875*
Uthe, E.E. -1.0011
Uttormark, P.D. -2.0865, 2.1133
Uyeki, E.M. -5.0333*
Uyeki, E.S. -4.1135
Uzdavini, G.C. -2.1909*
Vadas, R.L. -2.0609, 4.0337*
Vaitkus, D.R. -1.0554
Valcana, T. -5.0120
Valdez, E.G. -3.0328*
Valdin, J. -1.0862
Valencia, J.I. -5.0765
Vali, G. -1.0428
Valicis, I. -2.1580*, 2.1586
Valliant, J. -2.0386*
Vanarsdol, M.D. -6.0068*
Vanblaricum, L. -3.0311*
Vandegrift, -1.0069*
Vandekar, M. -4.0848
Vandenbosch, R. -4.0221*, 4.0552*
Vanderholm, D. -2.1017
Vanderhoven, I. -1.0027*
Vanderschalie, H. -2.1589*
Vanderslice, J.T. -2.1578*
Vanderwalker, J.G. -2.1761
Vandonsel, D. -2.0716
Vandoren, C.S. -2.0721
Vanduuren, B.L. -1.0233*
Vandyke, D.C. -5.0779*
Vangelder, G.A -4.0619
Vanhees, W. -3.0160*
Vanheuvelen, A. -5.0454*
Vanhook, R.I. -5.0640
Vanlear, D.H. -2.0351
Vanleuken, P. -1.0383
Vanmeter, H.D. -2.1672
Vanmeter, W.P. -1.0364, 2.0663*
Vanmiddelem, C.H. -4.0267*, 4.0268*, 4.0941, 4.0942*
Vanmiddlesworth, L. -5.0920*
Vanrest, D.J. -3.0306*
Vantassel, A.J. -2.1877*
Vanthof, J. -5.0538*
Vanvoast, W.A. -2.1630*
Vanvoorhis, W.E. -3.0159
Vanwoert, M.H. -5.0214*
Varga, C. -5.0677
Varteresz, V. -5.0267
Vasan, S. -3.0128*
Vasconcelos, G.J. -2.0837*
Vasey, F.W. -2.1621
Vaska, L. -1.0597*
Vassallo, C.L. -1.0282*
Vatter, A.E. -1.0187*
Vattuone, G.M. -5.0011
Vaughan, G. -5.0631
Vaughn, W.W. -5.0022*
Veal, D.L. -1.0438*
Veatch, C. -4.0513*
Veazey, R. -5.0622
Vedros, N.A. -2.1489*, 3.0016*

Veith, G.D. -4.0076
Venable, R.L. -2.1327*, 2.1328*
Venkataraman, G. -5.0839
Vernberg, F.J. -2.1709
Vernberg, W.B. -2.1709*
Vernon, R.O. -2.0996*
Verts, B.J. -4.0827*
Vesselinovitch, S.D. -5.0307, 5.0308
Vestal, R. -2.1068
Veverka, A.C. -2.1350
Viets, F.G. -2.0081*, 2.0082*, 3.0093*, 4.0093*
Vilen, F.I. -2.1456*
Villate, J.T. -2.1462
Villiers, R.V. -2.1367, 2.1368, 2.1380
Vimmerstedt, J.P. -2.0304*, 2.0308*, 2.0309*, 3.0033*
Vincent, D.S. -5.0710
Vincent, E.J. -1.0112*, 1.0113*
Vincent, R.E. -2.0881*, 2.1741*
Vind, H.P. -2.0971*, 4.0015*
Vines, W. -2.1809
Vineyard, J.D. -2.0224
Vinson, S.B. -4.0688
Visek, W.J. -4.0773*, 4.0774*
Voegtle, J.A. -2.1190*
Voelker, W.H. -5.0910
Vogel, H.H. -5.0623*
Vogel, W.G. -2.0351
Vogh, J.W. -1.0124
Voigtlander, C.W. -2.0800
Voilleque, P.G. -5.0035*
Volchok, H.L. -1.0745*, 2.0270*, 5.0882*
Vold, R.L. -1.0872
Voljin, V. -5.0068*
Volk, V.V. -2.0330*, 4.0165*
Volman, D. -1.0009
Vonhalle, E.S. -4.0855
Vranovska, J. -5.0805
Wachholz, B.W. -5.0755*
Wachs, A.M. -2.1022, 2.1023
Wachter, B.J. -2.1224*
Wachter, G. -2.1356*
Wacker, P.F. -5.0800
Waddell, T. -1.0406*, 1.0470*, 1.0471*
Waddington, D.V. -4.0459
Waddle, B.A. -4.0214
Wade, L. -5.0658, 5.0659, 5.0675*, 5.0676*, 5.0941*
Wade, R.A. -2.1124*
Wadsworth, D.F. -4.0449*
Waelti, J.J. -2.1860*
Waggoner, A.P. -1.0856
Waggoner, P.E. -5.0025
Waggy, G.T. -2.0851
Wagner, G.H. -2.0222
Wagner, M. -1.0204
Wagner, W.P. -2.1437*
Wagoner, J.K. -5.0044
Wainwright, H.W. -1.0165, 1.0661, 3.0404
Waksman, B.H. -5.0212*
Walburg, H.E. -5.0649, 5.0650*, 5.0651*
Wald, N. -5.0593*
Walden, C.C. -3.0087*
Waldron, A.C. -2.0302, 2.0725
Waldrop, J.E. -2.1862*
Waldstein, P.D. -3.0404
Walker, H.G. -3.0361*
Walker, I.G. -5.0796*
Walker, J.A. -4.0865*
Walker, L.F. -2.1190
Walker, P.L. -1.0642*, 3.0304
Walker, R.L. -4.0483*
Walker, W.R. -2.1926*
Walkup, P.C. -2.0419, 2.0845*, 2.0955*, 2.1444*
Wall, B.J. -1.0200
Wallace, A. -5.0014*, 5.0161*, 5.0162*
Wallace, J.B. -2.0997*
Wallace, J.R. -2.0998
Wallace, R.B. -5.0320, 5.0321
Wallace, R.M. -2.1415*
Wallace, W.E. -3.0404
Wallen, L.L. -3.0127*
Waller, D.H. -3.0244
Waller, G.R. -2.0316
Waller, W.T. -2.1744
Wallis, C. -2.0821
Wallis, G.R. -2.0485*

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Wallstein, L.H. -3.0327
Walsh, D.F. -4.0716, 4.0717, 4.0741*
Walsh, G.E. -4.0021*
Walsh, P.J. -3.0060*, 5.0552*, 5.0904*, 5.0905*
Walsh, R.T. -1.0529*, 1.0828*
Walstrom, R.J. -4.0985*
Walters, F.C. -6.0040*
Walters, J.G. -3.0213
Walters, P.R. -2.0531*
Walters, R.A. -5.0461, 5.0472*
Walther, E. -1.0741
Walton, M.F. -5.0635
Walton, R.J. -5.0199
Walton, S.A. -6.0071*
Waltz, J.P. -2.0521*
Wang, M.C. -2.1412*
Wang, R.I. -5.0965*, 5.0966
Wang, S.Y. -5.0353*
Wang, Y.C. -2.1122
Warburton, J.A. -1.0073*
Ward, D.B. -4.0269*
Ward, D.R. -5.0925
Ward F.N. -2.0518*
Ward, G. -5.0656
Ward, H.P. -5.0205
Ward, J.C. -2.1201, 2.1202, 2.1514*
Ward, R.C. -2.0519
Ward, W.D. -6.0090*
Ward, W.W. -3.0040
Ware, G.W. -4.0009*, 4.0083*, 4.0924*, 4.0925*
Warner, L.L. -3.0328
Warner, P. -2.1221
Warner, W.K. -2.1939*
Warren, C.E. -2.1676, 2.1678, 2.1679, 2.1685*, 2.1686*, 2.1687*, 4.0064*
Warren, D.S. -2.0481
Warren, G.F. -4.0306
Warren, J. -5.0316
Warren, S. -5.0378*
Wasan, D.T. -2.0891
Washington, D.R. -3.0250*
Wasp, F.J. -2.0973*
Wass, M.L. -2.1124
Wasser, J.H. -1.0114*
Wasserburg, G.J. -5.0016
Wasserman, E. -1.0895*
Wasserman, R.H. -5.0053, 5.0483
Wassom, J.S. -4.0855
Watchmaker, G. -5.0144
Waters, R.F. -3.0206
Waters, T. -2.1601*
Watson, D.G. -2.0420*, 2.1758*
Watson, J.A. -1.0292*, 5.0590
Watson, R. -2.0654
Watson, R.L. -2.0023
Watson, T.F. -4.0010*
Watson, T.W. -1.0036*, 1.0037*
Watters, G.Z. -2.1114*
Watters, R.L. -5.0024*
Watts, D.G. -2.0444
Watz, F.J. -1.0630
Wax, L.M. -4.0105, 4.0304*
Waymouth, C. -5.0347*
Wayne, K. -1.0074
Weare, A.T. -6.0048
Weaver, K. -2.0173
Weaver, L. -3.0120*
Webb, H.J. -3.0310
Webb, J.R. -2.0148*
Webb, R.B. -5.0296*, 5.0297*, 5.0829*
Webb, R.E. -4.0886*
Webber, P.J. -2.1340*
Webber, R. -2.1181
Weber, C.W. -4.0538*
Weber, D.E. -1.0407*
Weber, J.A. -6.0030
Weber, J.B. -4.0432*
Weber, W.J. -1.0584*, 2.0914*, 2.1854*, 3.0179
Webster, D.A. -2.0692*
Webster, K.S. -2.1836
Wedberg, S. -2.1205
Weddle, C.L. -3.0067
Wedemeyer, C. -2.1764*, 4.0901*
Weed, S.B. -4.0156*, 4.0157*
Weeks, J.D. -2.1362*
Weeth, H.J. -2.1636*

Wehe, A.H. -2.1029
Weibel, D. -4.0447
Weickmann, H.K. -1.0028*
Weigle, W.O. -5.0178
Weihmiller, H.E. -6.0027*
Weil, J.G. -2.0042*
Weinberg, M. -2.1598
Weinberger, L.W. -2.1225*
Weiner, N.D. -1.0370
Weiner, S. -5.0354
Weingarten, H. -3.0121
Weinman, J.A. -1.0167*
Weinstein, L.H. -1.0383*
Weinstein, M.S. -5.0881
Weinstein, S.A. -1.0208
Weintraub, B.S. -3.0072*
Weir, F.W. -2.1669*
Weir, J.E. -2.0075
Weir, P.A. -2.1669
Weis, J.S. -4.0325
Weisbecker, L.W. -2.0495*
Weiss, A.O. -2.0809*
Weiss, B. -1.0065, 1.0382*
Weiss, B.G. -5.0416
Weiss, C.M. -2.0286*, 2.0287*, 2.0706*, 2.0707*, 2.1657*, 2.1658*
Weiss, D.E. -2.1161*
Weiss, H. -5.0491
Weiss, K. -5.0387*
Weiander, A.D. -5.0763*
Welch, A.J. -5.0679*
Welch, E.B. -2.0429*, 2.1768*, 2.1927
Welch, G. -5.0121, 5.0123, 5.0124, 5.0126
Welch, L.F. -2.0134*, 2.0135*
Weldon, L.W. -4.0020*
Welford, G.A. -5.0058*, 5.0883*
Welker, W.V. -4.0398, 4.0761*
Welkie, H.H. -1.0427
Wells, A. -4.0125
Wells, D.M. -2.0385*, 2.1431*, 3.0321*
Wells, S. -2.1919
Wells, W.W. -2.1918
Wen, C.Y. -1.0663*
Wendt, C.W. -2.0381*
Weng, P. -5.0602
Wengel, R.W. -2.0089, 2.0989*, 3.0097
Wenger, W.J. -3.0410
Wentworth, B.C. -1.0436, 4.0912
Wentworth, D.F. -2.0900
Wentworth, R.A. -5.0054, 5.0055, 5.0481, 5.0566
Wenzel, H.G. -3.0135*
Werbin, H. -5.0685*
Werner, W. -2.1501
Wershaw, R.L. -2.0074*
Wesley, R.A. -1.0586
Wesson, T.C. -1.0127
West, F.K. -2.1282
West, J. -6.0049, 6.0116
West, J.L. -5.0659
West, M.L. -5.0739
West, P.W. -1.0057*, 1.0708*
West, R.R. -4.0579
West, S. -2.0062, 2.0075*
Westin, G. -5.0177
Westlake, W.E. -4.0016, 4.0087, 4.1005
Westman, J.R. -2.1641*, 2.1642*
Weston, R.F. -2.1408*
Westphal, J. -2.1054
Westrick, J.J. -3.0261
Weswig, P. -3.0279
Wetmore, C.M. -1.0359*
Wette, R. -5.0417*
Wetz, F.J. -2.1402
Wetzel, R.G. -2.0198*, 2.0637*
Wexernak, C.T. -2.0632
Wheaton, R.Z. -2.1430
Wheeler, W.B. -4.0267, 4.0941
Wheeler, W.C. -2.1205*, 3.0096, 3.0098*
Whicker, F.W. -5.0211*
Whinston, A. -2.1830*
Whipple, W. -2.0251, 2.0676*, 2.1057*, 2.1058*
Whitaker, F. -5.0406, 5.0407
Whitby, K.T. -1.0731*, 1.0732*, 1.0893
Whitcomb, H.A. -2.0184*
Whitcomb, M.A. -6.0077*
White, A.W. -4.0100*
White, C.G. -5.0883

White, D.C. -5.0243*
White, E.M. -4.0176*
White, F. -2.0777*
White, F.T. -1.0681*
White, F.W. -5.0367*
White, G. -3.0150
White, J.C. -2.1395*
White, J.E. -5.0921
White, J.L. -4.0109*
White, J.M. -4.0110*
White, M.R. -5.0109
White, O. -5.0876, 5.0877
White, R.K. -2.1378
White, W.A. -2.0131, 2.0808*, 2.0810*, 3.0050*
White, W.B. -2.0766*
Whitefield, M. -2.1434*
Whitesell, L.B. -2.1384
Whitford, D.S. -2.1786
Whitley, J.R. -4.0392*
Whitley, L.S. -2.0576
Whittemore, H. -3.0169*
Whittemore, H.D. -3.0107*
Whittingham, W.F. -4.0200
Whitworth, J.W. -4.0148, 4.0404*
Whitworth, W.R. -2.1520*
Wichner, R.P. -2.1723
Wicklund, R.I. -2.1332*
Wicks, G.A. -4.1069*
Wiederhold, E. -2.1110
Wiegel, K.L. -3.0068
Wienerkennedy, M. -5.0473*
Wierenga, P.J. -2.0253*
Wiersma, J.L. -2.0798
Wiese, A. -4.0185*
Wiese, A.C. -1.0343*
Wiese, A.F. -4.0069*, 4.0181*, 4.0484*
Wiese, R.A. -2.1635
Wiesner, H. -5.0713
Wiggans, S.C. -4.0500*
Wight, H.M. -4.0828*
Wightman, J.P. -2.0949*
Wigley, S.C. -1.0169
Wiken, T.O. -2.0666
Wilber, C.G. -2.0522*
Wilbur, R.L. -2.1534*
Wilcox, J.R. -2.1693, 2.1694
Wilcox, W. -3.0121*
Wilde, P. -2.0488
Wildung, R.E. -2.1752, 5.0085*
Wilhelmsen, M. -5.0822*
Wilhite, E.L. -5.0919
Wilhite, R. -2.1919
Wilhm, J.L. -2.1678*
Wilke, C.R. -3.0066
Wilke, O.C. -2.0381
Wilkes, F.G. -2.0707
Wilkinson, J. -2.1434
Wilkinson, J.W. -2.0703
Wilkinson, R.E. -4.1018
Wilkinson, S.R. -3.0005*
Willard, B.E. -1.0478*
Willard, D.H. -5.0735, 5.0748, 5.0754, 5.0959
Willardson, L.S. -2.1171*
Willford, J.R. -3.0201*
Willford, W.W. -4.0906
Willhoit, G.P. -2.1025*
Willhoit, D.G. -5.0549*
Williams, C.E. -6.0006*, 6.0079*
Williams, C.C. -1.0566, 4.0005, 4.0531, 4.0532
Williams, G.P. -2.0351
Williams, J.D. -2.0976
Williams, J.H. -2.0224*, 3.0205*
Williams, J.L. -5.0721, 5.0726, 5.0727
Williams, J.R. -2.0388*
Williams, L. -4.0596
Williams, O.O. -2.1061*
Williams, R.B. -1.0350*, 2.0281, 2.0282*, 2.1656*, 3.0158*
Williams, R.E. -2.0572*, 2.0573*, 2.1241*
Williams, R.L. -5.0823*
Williams, T.T. -2.0230
Williamson, E.B. -3.0201, 4.0386
Williamson, F.S. -5.0828, 5.0830*
Williamson, F.W. -5.0278
Williamson, J.H. -5.0174
Willis, C. -5.0819
Willis, D. -2.1161
Willis, D.L. -2.0331*

*INDICATES PRINCIPAL INVESTIGATOR

INVESTIGATOR INDEX

Willis, G.F. -4.0036*
Willis, J.N. -2.0283, 2.0705
Willis, W.S. -2.0395
Willrich, T.L. -2.0149*
Wills, G.B. -2.0950*
Wills, G.D. -4.0577*
Wilson, G.B. -3.0167*
Wilshire, A.G. -2.0345
Wilson, A.J. -4.1015*
Wilson, B.W. -4.0558*
Wilson, C. -5.0178
Wilson, C.L. -1.0061*, 1.0413
Wilson, C.R. -1.0307*
Wilson, C.W. -2.0605*
Wilson, D.A. -3.0378, 3.0379
Wilson, D.B. -2.1341
Wilson, E.B. -2.0433*, 2.1453*
Wilson, G.S. -1.0667*
Wilson, H.A. -2.0434*, 2.1452, 2.1775*, 2.1776*
Wilson, J. -2.0803*, 4.0029
Wilson, J.M. -2.1290
Wilson, J.S. -5.0459
Wilson, K.R. -1.0872, 1.0873*
Wilson, L.G. -2.1158
Wilson, R. -5.0325*
Wilson, R.A. -4.1009
Wilson, R.F. -2.0067, 2.0076*
Wilson, T.E. -2.0918*
Wilson, W. -2.1207*
Wilson, W.B. -2.1731*
Wilson, W.E. -1.0907*, 4.0421, 5.0739
Wilt, G.R. -2.0461*
Wing, J.M. -2.0994
Wingate, C.L. -5.0892
Wingo, L. -2.1811*
Winkelstein, W. -1.0224*
Winkelhaus, C. -2.0914
Winnett, G. -4.1076
Winter, J.K. -3.0326
Winterlin, W. -4.0012, 4.1001
Winzer, J. -4.0326*
Wirth, T.L. -2.1133*, 2.1777
Wise, R.M. 2.1368
Wisely, W.H. -3.0244
Wisman, E.L. -4.0989*
Wist, A. -1.0135
Witcofski, R.L. -5.0556*
Witherow, J.L. -3.0011, 3.0269, 3.0270
Withers, H.R. -5.0696*
Witherspoon, J.P. -5.0652*
Witnerspoon, P.A. -2.1789*
Witiak, D.T. -5.0911*
Witkamp, M. -5.0075
Witt, A. -2.1619*
Wittenberger, J.L. -4.0658*
Wittgenstein, E. -1.0829*
Wittig, S.L. -1.0885*
Wittner, M. -1.0222*
Wittwer, S.H. -5.0409*
Witzel, S.A. -3.0352*
Wixson, B.G. -2.1325, 2.1628*, 3.0387*
Wizenberg, M.J. -5.0354*
Wnek, W. -2.1246
Wockenfuss, W.A. -2.0905*
Wodinsky, I. -2.0185
Woelke, C.E. -2.0839*
Wogan, G.N. -4.1044*
Wogman, N.A. -1.0160, 2.0235, 2.0418, 2.0844, 5.0084, 5.0742, 5.0961, 5.0963*
Wolcott, A.R. -4.0126, 4.0128*, 4.1051*
Wolgenbarger, D.O. -4.0271
Wolf, H.G. -5.0131
Wolf, M. -2.0421*
Wolf, P.L. -5.0032
Wolf, W. -5.0164*
Wolfe, C.W. -4.0755*, 4.0756*
Wolfe, D.A. -2.0281, 2.0283*, 2.0284*, 5.0059*
Wolfe, J.L. -1.0361*, 2.0654
Wolfert, D.R. -2.1672
Wolff, S. -5.0182*
Wolfson, D.E. -3.0039*, 3.0293*
Wolson, J.D. -3.0139
Womack, J.D. -2.0801*
Wong, J.L. -5.0847*
Wong, K.M. -2.0187
Wong, M.M. -3.0390
Wood, C. -2.1400*
Wood, C.E. -2.1718
Wood, D.G. -2.0336
Wood, F.A. -1.0419*
Wood, G.H. -2.0093*
Wood, G.W. -5.0807*
Wood, H.R. -2.1454
Wood, L. -2.0672*
Wood, R.D. -2.0778*
Woodard, F.E. -2.0166
Woodcock, A.J. -1.0169
Woodriff, R. -1.0737*
Woodruff, R.K. -1.0855
Woodstock, L. -5.0277
Woodward, B. -1.0687*
Woodward, G.M. -2.0277*, 5.0539*, 5.0900*
Wooldridge, D.D. -2.1130*
Woolley, D.E. -4.0559*
Woolley, H.W. -1.0038*
Woolson, E.A. -4.0119
Wooten, O.B. -3.0201, 4.0384, 4.0385
Worcester, J. -1.0214
Work, R.W. -2.1357, 2.1358
Worman, T. -2.0591
Woronecki, P.P. -4.0579
Worrell, W.L. -1.0911*
Worth, J. -1.0496
Worthen, L.R. -2.0779*
Wren, E.J. -2.1282*
Wrenn, M. -5.0871
Wright, C. -1.0880
Wright, C.G. -4.0971
Wright, E.R. -1.0654*
Wright, F.C. -4.0872*
Wright, H.A. -5.0933, 5.0939*
Wright, H.E. -2.0647*
Wright, J. -4.0358
Wright, J.C. -2.0232*, 2.0233*
Wright, J.E. -4.0830*, 4.0831*, 4.0832*, 4.0833*
Wright, J.F. -2.1340, 2.1873
Wright, J.W. -4.0848*
Wright, R.T. -2.0323
Wright, T.D. -2.0200*
Wu, C. -2.1313
Wu, D.S. -2.1460
Wuenscher, J.E. -2.1887*
Wuenscher, M. -2.0859
Wulischleger, R. -3.0355
Wurster, C.F. -4.0780*
Wyckoff, J.B. -2.1844*
Wykoff, M.H. -5.0676
Wylie, E.B. -1.0583
Wylie, W.D. -4.0219*
Wyly, R.S. -3.0106*
Wyman, S.M. -2.1834*
Wynne, J.C. -5.0554
Wyon, D. -6.0110
Xuong, N. -1.0872
Yadava, B.P. -1.0897
Yali, I. -2.0020*
Yamaguchi, C. -5.0844
Yamaji, T. -1.0597
Yang, H.Y. -3.0036*
Yang, K. -1.0886
Yang, S.F. -1.0312*
Yang, S.P. -3.0373
Yang, T. -2.1012, 5.0122, 5.0125
Yap, H.H. -4.0681
Yarger, D.N. -1.0702*
Yarosh, M.M. -2.1723*
Yates, J.R. -4.0608
Yates, M.L. -4.0073*
Yates, V.J. -2.0780*
Yates, W.E. -4.0012
Yatvin, M.B. -5.0767*
Yee, W.C. -2.1721
Yeo, C. -4.0608
Yeo, R.R. -4.0013*
Yermanos, D.M. -4.0234
Yevich, P.P. -2.1704*, 2.1705*
Yockey, H.P. -5.0849*
Yoerger, R.R. -6.0030*
Yokota, R. -5.0844
Yonkers, D. -4.0611
Yotsukura, N. -2.0993*
Young, A.W. -2.0427
Young, C.P. -3.0325*
Young, D.R. -2.0051
Young, E.P. -2.1291
Young, H.G. -3.0313*
Young, J.A. -1.0160*
Young, J.C. -2.0588*, 2.1269, 2.1638
Young, J.L. -3.0315*
Young, J.O. -6.0039*
Young, J.R. -6.0060
Young, K. -3.0315
Young, M.D. -2.1216*
Young, R. -1.0862
Young, R.A. -2.0075
Young, R.H. -2.0118*, 2.0566*, 2.1239
Young, R.K. -2.1394*
Young, R.S. -4.0512
Young, R.W. -4.0990*
Younger, R.L. -4.0873*
Youngner, V.B. -2.1189
Youngquist, B.E. -3.0191
Youngwirth, W.G. -2.1220
Younkin, L.M. -2.0754*
Yousef, Y. -2.0393
Yu, C.K. -5.0289
Yu, S.L. -2.0251, 2.0676, 2.1057
Yuhas, J.M. -5.0636, 5.0653*, 5.0654*, 5.0655*
Yuile, C.L. -5.0502, 5.0507, 5.0510*
Yusha, A. -2.0323
Zabel, L.W. -2.1836
Zabik, M.E. -4.0676*, 4.0677*
Zafiriou, O. -2.1584
Zagon, I. -2.1262
Zahradnik, R.L. -1.0628*
Zaidi, S.H. -1.0203*
Zajicek, O.T. -2.1040*
Zak, W. -5.0916
Zallen, D.M. -1.0885
Zaltzman, R. -3.0405
Zandi, I. -2.0973, 3.0291
Zanoni, A.E. -2.0455*, 2.0456*
Zarkower, A. -1.0293
Zaugg, W.S. -2.1750*, 2.1751*
Zavitkoski, J. -5.0769
Zavon, M.R. -1.0283, 2.1894*
Zeff, J.D. -3.0125*
Zeiazny, L.W. -2.0408
Zelenko, V. -4.0998
Zellmer, S.D. -5.0154
Zener, C. -2.1426
Zengel, A.E. -1.0085*
Zeronian, S.H. -1.0313*
Zettlemoyer, A.C. -2.1390
Ziebell, C.D. -2.1159*
Ziegler, R.C. -2.0258*, 2.0685*
Zielinski, P.B. -2.0945*
Ziembazak, B. -5.0598
Ziemer, R.R. -2.1488*
Zieminski, S.A. -2.1031*
Zimbrick, J. -5.0156
Zingmark, R. -2.1502
Zirkle, R.E. -5.0309*
Zlatkis, A. -1.0847*
Zobler, L. -2.1349*
Zucker, R.N. -5.0252
Zuckerman, B.M. -1.0712*
Zulkoski, M. -1.0658, 1.0659
Zundel, G. -5.0100
Zupan, J. -3.0264
Zuraw, E.A. -2.0084
Zweig, G. -4.1086*
Zwerman, P.J. -2.0269*, 4.0056*
Zwick, G.W. -4.0829*
Zwiebel, I. -1.0569*
Zygmuntowicz, A.S. -2.1697*, 4.1108

*INDICATES PRINCIPAL INVESTIGATOR

PERFORMING ORGANIZATION INDEX

A B T Associates ...*Cambridge, Massachusetts*, 2.1846.
A M F Incorporated ...*Uncasville, Connecticut*, 2.1207.
A R K Corporation ...*Willow Grove, Pennsylvania*, 5.0919.
Acad. of Nat. Sci. of Phila. ...*Philadelphia, Pennsylvania*, 2.0755, 2.1689.
Acoustic Society of Japan ...*Tokyo, Japan*, 6.0031.
Aerojet General Corporation ...*Azusa, California*, 2.1787.
Aerojet General Corporation ...*El Monte, California*, 2.0490, 2.0966, 2.1174, 2.1175, 2.1490, 2.1792.
Aerojet General Corporation ...*Los Angeles, California*, 1.0439.
Aeronautical Res. Associates ...*Princeton, New Jersey*, 1.0077.
Air Pollution Control Assn. ...*Pittsburgh, Pennsylvania*, 1.0532.
Albert Einstein Medical Center ...*Philadelphia, Pennsylvania*, 5.0067, 5.0579, 5.0580, 5.0581, 5.0582.
Alexandria University ...*Alexandria, United Arab Republic*, 1.0302.
Amer. Distilling Company Inc. ...*Pekin, Illinois*, 3.0126.
Amer. Health Foundation ...*New York, New York*, 1.0225.
Amer. Inst. for Res. Behv. Sc. ...*Silver Spring, Maryland*, 1.0210.
Amer. Inst. of Crop Ecology ...*Silver Spring, Maryland*, 1.0211.
Amer. Inst. of Physics ...*New York, New York*, 6.0096.
Amer. Iron & Steel Institute ...*Washington, District of Columbia*, 1.0542.
Amer. Medical Association ...*Chicago, Illinois*, 1.0197.
Amer. Petroleum Institute ...*New York, New York*, 3.0243.
Amer. Process Equipment Corp. ...*Los Angeles, California*, 2.1178.
Amer. Public Works Assn. ...*Chicago, Illinois*, 2.0123, 2.1242, 3.0120.
Amer. Soc. for Testing Mat. ...*Philadelphia, Pennsylvania*, 1.0840.
Amer. Soc. of Civil Engrs. ...*New York, New York*, 3.0244.
Amer. Standard Incorporated ...*Falls Church, Virginia*, 3.0333.
Anaconda American Brass Co. ...*Waterbury, Connecticut*, 2.1208.
Aquatic Sciences Incorporated ...*Boca Raton, Florida*, 2.1524.
Arde Incorporated ...*Paramus, New Jersey*, 3.0052.
Argonne National Laboratory ...*Argonne, Illinois*, 1.0046, 1.0047, 1.0048, 1.0196, 1.0344, 1.0550, 1.0699, 1.0700, 2.0122, 2.0574, 2.1001, 2.1546, 2.1547, 5.0036, 5.0269, 5.0270, 5.0271, 5.0272, 5.0273, 5.0274, 5.0275, 5.0276, 5.0277, 5.0278, 5.0279, 5.0280, 5.0281, 5.0282, 5.0283, 5.0284, 5.0285, 5.0286, 5.0287, 5.0288, 5.0289, 5.0290, 5.0291, 5.0292, 5.0293, 5.0294, 5.0295, 5.0296, 5.0297, 5.0824, 5.0825, 5.0826, 5.0827, 5.0828, 5.0829, 5.0830.
Arkansas Polytechnic College ...*Russellville, Arkansas*, 2.1483.
Arkansas State University ...*State University, Arkansas*, 2.0024, 2.1484, 3.0013.
Arkon Scientific Laboratories ...*Berkeley, California*, 1.0670.
Armour & Company ...*Chicago, Illinois*, 2.1243.
Aro Incorporated ...*Tullahoma, Tennessee*, 1.0147, 1.0649.
Arthur D. Little Incorporated ...*Cambridge, Massachusetts*, 2.0185.
Athinisin Eth. Kai Kap. Panep. ...*Athens, Greece*, 5.0265.
Atomic Energy Establishment ...*Cairo, United Arab Republic*, 2.0393, 2.1110.
Atomic Energy of Canada Ltd. ...*Chalk River, Ontario, Canada*, 5.0793.
Auburn University ...*Auburn, Alabama*, 1.0306, 1.0475, 2.0001, 2.0461, 2.0870, 2.0958, 2.1141, 2.1142, 2.1467, 2.1468, 2.1469, 3.0001, 3.0046, 3.0057, 3.0058, 3.0059, 3.0060, 3.0358, 3.0359, 4.0001, 4.0002, 4.0003, 4.0004, 4.0077, 4.0078, 4.0079, 4.0080, 4.0202, 4.0203, 4.0204, 4.0205, 4.0206, 4.0207, 4.0208, 4.0209, 4.0529, 4.0530, 4.0922, 4.0923, 5.0090.
Australian Dept. of Engin. ...*Adelaide, South Australia, Australia*, 2.0025, 2.0482.
Australian Dept. of Fish. Wlf. ...*Melbourne, Victoria, Australia*, 2.1485.
Australian Dept. of Supply ...*Mildura, Victoria, Australia*, 1.0668.
Austrian Academy of Sciences ...*Innsbruck, Austria*, 5.0098.
Austrian Atom. En. Study Group ...*Vienna, Austria*, 2.0027.
Automotive Research Associates ...*Washington, District of Columbia*, 1.0033.
Avco Corporation ...*Everett, Massachusetts*, 1.0718, 1.0719.
Avco Economic Systems Corp. ...*Washington, District of Columbia*, 2.0531.
B. Thompson Inst. Plant Res. ...*Yonkers, New York*, 1.0383, 4.0153.
Babcock & Wilcox Company ...*New York, New York*, 1.0594.
Battelle Memorial Institute ...*Columbus, Ohio*, 1.0118, 1.0119, 1.0120, 1.0472, 1.0831, 1.0832, 1.0833, 1.0907, 3.0264, 5.0062, 6.0100.
Battelle Memorial Institute ...*Richland, Washington*, 1.0158, 1.0159, 1.0160, 1.0655, 1.0855, 2.0414, 2.0415, 2.0416, 2.0417, 2.0418, 2.0419, 2.0420, 2.0421, 2.0844, 2.0845, 2.0955, 2.1444, 2.1752, 2.1753, 2.1754, 2.1755, 2.1756, 2.1757, 2.1758, 3.0339, 4.0074, 5.0082, 5.0083, 5.0084, 5.0085, 5.0735, 5.0736, 5.0737, 5.0738, 5.0739, 5.0740, 5.0741, 5.0742, 5.0743, 5.0744, 5.0745, 5.0746, 5.0747, 5.0748, 5.0749, 5.0750, 5.0751, 5.0752, 5.0753, 5.0754, 5.0755, 5.0955, 5.0956, 5.0957, 5.0958, 5.0959, 5.0960, 5.0961, 5.0962, 5.0963.
Baylor University ...*Houston, Texas*, 2.0821, 5.0686, 5.0687, 5.0688, 5.0689.
Baylor University ...*Waco, Texas*, 2.0389, 2.0390, 2.0826, 2.1736, 5.0948.
Bechtel Corporation ...*San Francisco, California*, 2.0973.
Bechtel Corporation ...*Gaithersburg, Maryland*, 1.0562.
Beet Sugar Development Found. ...*Fort Collins, Colorado*, 2.1199.
Belg. Ctr. Stud. Docum. Waters ...*Liege, Belgium*, 1.0003.
Bemidji State College ...*Bemidji, Minnesota*, 2.1856.
Bendix Corporation ...*South Bend, Indiana*, 1.0701.
Berea College ...*Berea, Kentucky*, 2.0159.
Bhabha Atomic Research Centre ...*Bombay, Mahrashtra, India*, 2.0136, 5.0319, 5.0839.
Biospherics Research Inc. ...*Washington, District of Columbia*, 3.0102, 3.0103.
Biospherics Research Inc. ...*Rockville, Maryland*, 2.0612.
Bituminous Coal Research Inc. ...*Monroeville, Pennsylvania*, 2.1393, 2.1394.
Bituminous Coal Research Inc. ...*Pittsburgh, Pennsylvania*, 2.1396.
Black Sivalls & Bryson Inc. ...*Pittsburgh, Pennsylvania*, 2.1397.
Blacklands Expt. Watershed ...*Riesel, Texas*, 2.0387, 2.0388.
Boeing Company ...*Philadelphia, Pennsylvania*, 6.0016, 6.0017.
Boeing Company ...*Seattle, Washington*, 5.0758.
Bolt Beranek & Newman Inc. ...*Van Nuys, California*, 6.0026.
Bolt Beranek & Newman Inc. ...*Cambridge, Massachusetts*, 6.0007, 6.0035, 6.0058.
Boston College ...*Chestnut Hill, Massachusetts*, 5.0048.
Boston Dept. of Hlth. & Hosps. ...*Boston, Massachusetts*, 1.0212.
Boston University ...*Boston, Massachusetts*, 2.1580, 4.0653, 5.0377.
Bradley University ...*Peoria, Illinois*, 2.0125.
Brandeis University ...*Waltham, Massachusetts*, 5.0398.
Brigham Young University ...*Provo, Utah*, 2.1115.
British Railways Board ...*London, England, United Kingdom*, 1.0425.
Brookhaven Natl. Lab. ...*Upton, New York*, 1.0091, 1.0092, 2.0276, 2.0277, 2.1654, 2.1655, 5.0515, 5.0516, 5.0517, 5.0518, 5.0519, 5.0520, 5.0521, 5.0522, 5.0523, 5.0524, 5.0525, 5.0526, 5.0527, 5.0528, 5.0529, 5.0530, 5.0531, 5.0532, 5.0533, 5.0534, 5.0535, 5.0536, 5.0537, 5.0538, 5.0539, 5.0891, 5.0892, 5.0893, 5.0894, 5.0895, 5.0896, 5.0897, 5.0898, 5.0899, 5.0900.
Brooklyn Botanic Garden ...*Ossining, New York*, 1.0380.
Brown University ...*Providence, Rhode Island*, 5.0604.
Bucknell University ...*Lewisburg, Pennsylvania*, 2.0754.
Bulgarian Acad. of Agri. Sci. ...*Sofia, Bulgaria*, 5.0102.
Bulgarian Acad. of Sciences ...*Sofia, Bulgaria*, 5.0002, 5.0103.
Burns & Roe Incorporated ...*Oradell, New Jersey*, 2.1339.
Byelorussian Acad. of Sciences ...*Minsk, Union of Soviet Soc. Republics*, 5.0949.
Calif. Inst. of Technology ...*Pasadena, California*, 1.0477, 1.0677, 2.1185, 2.1495, 5.0016, 5.0017.
Calif. State College ...*Hayward, California*, 3.0070.
Calif. State College ...*Los Angeles, California*, 1.0177, 1.0864, 2.1492.
Canadian Cen. for Inland Water ...*Burlington, Ontario, Canada*, 2.0054, 2.0055, 2.0975, 2.0976, 2.1503.
Canadian Dept. of Natl. Health ...*Winnipeg, Manitoba, Canada*, 3.0089.
Cancer Research Institute ...*Boston, Massachusetts*, 5.0378.
Carnegie Mellon University ...*Pittsburgh, Pennsylvania*, 1.0473, 1.0627, 1.0628, 2.0345, 2.0346, 2.0758, 2.1398.
Case Western Reserve Univ. ...*Cleveland, Ohio*, 1.0905, 1.0906, 2.1076, 2.1077, 4.1135, 5.0560, 5.0561, 5.0562, 5.0563, 5.0564, 5.0565, 5.0566, 5.0567, 5.0909, 5.0910.
Catholic University of America ...*Washington, District of Columbia*, 1.0876, 2.1215.
Cekmece Nucl. Res. & Tr. Ctr. ...*Istanbul, Turkey*, 2.0392, 5.0709.
Central Fla. Agric. Expt. Sta. ...*Sanford, Florida*, 2.0105, 4.0284.

PERFORMING ORGANIZATION INDEX

Central Food Research Inst. ...*Budapest, Hungary*, 5.0266.
Central Inst. for the Deaf ...*Saint Louis, Missouri*, 6.0091.
Central Miso Institute ...*Tokyo, Japan*, 3.0372.
Central Res. Inst. of Physics ...*Budapest, Hungary*, 2.0568, 5.0034.
Central State University ...*Wilberforce, Ohio*, 2.1673.
Ceskoslovenska Akademie Ved ...*Prague, Czechoslovakia*, 5.0221.
Champion Papers Incorporated ...*Canton, North Carolina*, 2.1356.
Charles River Associates Inc. ...*Cambridge, Massachusetts*, 1.0446.
Chemical Construction Co. ...*New York, New York*, 1.0449.
Christian Brothers College ...*Memphis, Tennessee*, 2.0802.
Citrus Agricultural Expt. Sta. ...*Lake Alfred, Florida*, 1.0340, 4.0096, 4.0274, 4.0275, 4.0276, 4.0277, 4.0278.
City University of New York ...*Brooklyn, New York*, 5.0476.
City University of New York ...*Flushing, New York*, 2.0686.
City University of New York ...*New York, New York*, 1.0226, 1.0491, 1.0595, 2.0693, 2.1651, 2.1652.
City University of New York ...*Staten Island, New York*, 5.0511.
Clark University ...*Worcester, Massachusetts*, 2.1301, 5.0400.
Clarkson College of Technology ...*Potsdam, New York*, 1.0381, 1.0597, 2.1352.
Clemson University ...*Clemson, South Carolina*, 1.0913, 2.0793, 2.0794, 2.0943, 2.0944, 2.0945, 2.1416, 2.1708, 2.1912, 2.1913, 2.1914, 3.0308, 3.0309, 3.0310, 3.0311, 4.0173, 4.0174, 4.0473, 4.0474, 4.0475, 4.0841, 4.0842, 4.0843, 4.1109, 4.1110, 4.1111.
Cleveland Dept. of Pub. Util. ...*Cleveland, Ohio*, 2.1078.
Coastal Zone Resources Corp. ...*Wilmington, North Carolina*, 2.0713, 2.1664.
Colby Branch Agric. Expt. Sta. ...*Colby, Kansas*, 4.0313.
Coll. of Agriculture ...*Wroclaw, Poland*, 4.0168, 4.0468.
Colorado State University ...*Fort Collins, Colorado*, 1.0030, 1.0031, 1.0032, 1.0188, 1.0189, 1.0332, 1.0482, 1.0540, 2.0077, 2.0078, 2.0079, 2.0080, 2.0519, 2.0520, 2.0521, 2.0522, 2.0881, 2.0981, 2.0982, 2.0983, 2.0984, 2.0985, 2.1200, 2.1201, 2.1202, 2.1512, 2.1513, 2.1514, 2.1805, 3.0091, 3.0092, 3.0363, 4.0019, 4.0091, 4.0092, 4.0245, 4.0246, 4.0247, 4.0248, 4.0249, 4.0250, 4.0935, 4.1010, 5.0023, 5.0024, 5.0208, 5.0209, 5.0210, 5.0211, 5.0802, 5.0803.
Columbia University ...*New York, New York*, 1.0227, 1.0228, 1.0492, 1.0493, 1.0494, 2.1349, 2.1882, 4.0778, 5.0056, 5.0485, 5.0486, 5.0869, 5.0870.
Columbia University ...*Palisades, New York*, 1.0089, 2.0273, 2.0698, 2.0699, 2.1067.
Combustion Institute ...*Pittsburgh, Pennsylvania*, 1.0131.
Comision Nac. De Energia Atom. ...*Buenos Aires, Argentina*, 2.0014, 5.0001.
Comitato Nazl. Lenergia Nucl. ...*Frascherino, Italy*, 2.0153.
Comitato Nazl. Lenergia Nucl. ...*Rome, Italy*, 5.0328.
Comm. Sci. & Indus. Res. Org. ...*Griffith, New South Wales, Australia*, 4.0011.
Comm. Sci. & Indus. Res. Org. ...*Melbourne, Victoria, Australia*, 2.1161.
Compass Publications Inc. ...*Arlington, Virginia*, 2.1924.
Conn. Agric. Expt. Station ...*New Haven, Connecticut*, 1.0333, 1.0334, 2.0085, 2.0086, 2.0988, 4.0252, 4.1011, 5.0025.
Conservation Foundation Inc. ...*Washington, District of Columbia*, 2.1809.
Continental Oil Company ...*Ponca City, Oklahoma*, 2.1384.
Cooper Union ...*New York, New York*, 1.0083.
Coord. Research Council ...*New York, New York*, 1.0084, 1.0085.
Cornell Aeronautical Lab. Inc. ...*Buffalo, New York*, 1.0377, 2.0258, 2.0685, 2.1063.
Cornell University ...*Ithaca, New York*, 1.0897, 1.0898, 2.0261, 2.0688, 2.0689, 2.0690, 2.0921, 2.1344, 2.1878, 2.1879, 6.0060.
Crown Zellerbach Corporation ...*Camas, Washington*, 3.0336.
Curtiss Wright Corporation ...*Rutherford, New Jersey*, 6.0008.
Dakota State College ...*Madison, South Dakota*, 2.0364, 2.0365.
Dallas City Water Works ...*Dallas, Texas*, 2.1428.
Damas & Smith Limited ...*Don Mills, Ontario, Canada*, 3.0080, 3.0081, 3.0082.
Danske Atomic Energy Comm. ...*Riso, Denmark*, 5.0026, 5.0806.
Dartmouth College ...*Hanover, New Hampshire*, 2.0247.
Day & Zimmerman Incorporated ...*Philadelphia, Pennsylvania*, 1.0626.
Dayton Department of Water ...*Dayton, Ohio*, 2.0935.
Delaware River Basin Comm. ...*Trenton, New Jersey*, 2.0678, 2.1340, 2.1644, 2.1873.
Delta Branch Experiment Sta. ...*Stoneville, Mississippi*, 3.0200, 3.0201, 4.0135, 4.0136, 4.0378, 4.0379, 4.0380, 4.0381, 4.0382, 4.0383, 4.0384, 4.0385, 4.0386, 4.0690, 4.0691, 4.0692, 4.0693, 4.0960.
Depauw University ...*Greencastle, Indiana*, 2.1553, 2.1554.
Detroit City Government ...*Detroit, Michigan*, 2.1302.
Detroit Lakes Engin. Dept. ...*Detroit Lakes, Minnesota*, 2.1047.
Douglas United Nuclear Inc. ...*Richland, Washington*, 2.1445.
Dow Chemical Company ...*Walnut Creek, California*, 3.0362.
Dow Chemical Company ...*Midland, Michigan*, 2.1307.
Dow Chemical Company ...*Freeport, Texas*, 2.1733.
Drake University ...*Des Moines, Iowa*, 2.1555.
Dravo Corporation ...*Pittsburgh, Pennsylvania*, 2.0347.
Drexel University ...*Philadelphia, Pennsylvania*, 1.0130, 1.0415, 1.0941, 1.0909, 1.0910, 2.0343, 2.0756, 2.0757, 3.0289.
Duke University ...*Durham, North Carolina*, 1.0385, 1.0497, 2.0288, 2.1887, 5.0550, 5.0551, 6.0062.
Dynasciences Corporation ...*Blue Bell, Pennsylvania*, 1.0838.
Dynatech Corporation ...*Cambridge, Massachusetts*, 2.1297.
E G & G Incorporated ...*Santa Barbara, California*, 5.0183.
E I. Dupont De Nemours & Co. ...*Wilmington, Delaware*, 3.0101.
East Carolina University ...*Greenville, North Carolina*, 1.0619, 1.0904, 2.0709, 2.0710, 2.1659.
East Chicago Sanitary District ...*East Chicago, Indiana*, 2.1265.
East West Gateway Coord. Coun. ...*East Saint Louis, Illinois*, 3.0123, 6.0056.
Eastern Illinois University ...*Charleston, Illinois*, 2.0576.
Eastern Mont. Agric. Exp. Sta. ...*Sidney, Montana*, 4.0394.
Eastern New Mexico University ...*Portales, New Mexico*, 1.0376, 2.0254.
Ebinger Baking Company ...*Brooklyn, New York*, 3.0230.
Ege Universitesi ...*Bornova, Izmir, Turkey*, 5.0708.
Emory University ...*Atlanta, Georgia*, 5.0261.
Engineering Science Inc. ...*Arcadia, California*, 2.0963, 2.1164.
Environmental Qual. Eng. Inc. ...*Oakland, California*, 3.0074.
Environmental Science Assoc. ...*Burlingame, California*, 5.0127.
Essex Marine Laboratory Inc. ...*Essex, Connecticut*, 2.0083, 2.1515.
Eugene Water & Electric Board ...*Eugene, Oregon*, 2.1389.
Evanston Hospital ...*Evanston, Illinois*, 1.0199.
Everglades Agric. Expt. Sta. ...*Belle Glade, Florida*, 3.0107, 4.0585.
Express Highway Res. Found. ...*Tokyo, Japan*, 1.0704.
Eye Res. Found. of Bethesda ...*Bethesda, Maryland*, 5.0357.
Farmers Chemical Assn. Inc. ...*Harrison, Tennessee*, 2.1417.
Fed. Inst. Road Research ...*Cologne, Germany*, 2.0117.
Fiber Industries Incorporated ...*Charlotte, North Carolina*, 2.0924.
Field Museum of Nat. History ...*Chicago, Illinois*, 1.0049.
Florida Agric. Expt. Station ...*Fort Lauderdale, Florida*, 4.0939.
Florida Agric. Expt. Station ...*Hastings, Florida*, 4.0270.
Florida Atl. University ...*Boca Raton, Florida*, 2.1226.
Florida State University ...*Tallahassee, Florida*, 1.0697, 1.0878, 5.0252, 5.0253, 5.0254, 5.0814, 5.0815.
Food & Drug Res. Labs. Inc. ...*Maspeth, New York*, 4.0777, 5.0484.
Food Chemical & Res. Labs. ...*Seattle, Washington*, 2.1446.
Ford Motor Company ...*Dearborn, Michigan*, 1.0585.
Forsyth Dental Infirm. for Ch. ...*Boston, Massachusetts*, 2.0907.
Fort Hays Br. Agri. Expt. Sta. ...*Hays, Kansas*, 4.0113, 4.0314.
Fort Robinson Beef Cattle Sta. ...*Fort Robinson, Nebraska*, 4.0753.
Foster D. Snell Incorporated ...*New York, New York*, 3.0245.
Found. for Adv. of Grad. Study ...*Newark, New Jersey*, 2.1643, 2.1872.
Frank D. Masch & Associates ...*Austin, Texas*, 2.0808.
Franklin Hospital ...*San Francisco, California*, 4.0569.
Franklin Institute ...*Philadelphia, Pennsylvania*, 2.0344, 2.1903, 3.0398.
G C A Corporation ...*Boston, Massachusetts*, 1.0564.
Garrett Corporation ...*Phoenix, Arizona*, 3.0064, 6.0002.
Geigy Chemical Corporation ...*Providence, Rhode Island*, 2.1413.
General American Trans Corp. ...*Niles, Illinois*, 3.0124, 3.0125.
General Dynamics Corporation ...*San Diego, California*, 1.0679, 2.0501, 5.0176.
General Dynamics Corporation ...*Groton, Connecticut*, 2.0084.
General Electric Company ...*Schenectady, New York*, 1.0090.
General Electric Company ...*Philadelphia, Pennsylvania*, 2.1395, 3.0290.
Geoengineering Labs. Inc. ...*Mount Vernon, Illinois*, 2.1248.
George Washington University ...*Washington, District of Columbia*, 1.0034, 3.0048, 4.0584, 6.0076.
Georgetown University ...*Washington, District of Columbia*, 2.0532, 5.0225.
Georgia Agric. Expt. Sta. ...*Griffin, Georgia*, 3.0004, 4.0099, 4.0285, 4.0286, 4.0287, 4.0288, 4.0289, 4.1017, 4.1018.
Georgia Coastal Pl. Expt. Sta. ...*Tifton, Georgia*, 4.0290, 4.0291, 4.0292, 4.0293, 4.0294, 4.0601, 4.0602, 4.0603, 4.1020, 4.1021, 4.1022.
Georgia Inst. of Technology ...*Atlanta, Georgia*, 1.0042, 1.0548, 1.0549, 1.0881, 1.0882, 2.0114, 2.0115, 2.0555, 2.0556, 2.0557, 2.0887, 2.0888, 2.0889, 2.0998, 2.0999, 2.1233, 2.1234, 2.1235, 2.1236, 2.1237, 2.1536, 2.1818, 3.0025, 3.0114, 3.0115, 3.0116, 4.0600, 5.0262.
Georgia Kraft Company ...*Rome, Georgia*, 2.1238.
Gesellschaft Fuer Strahlenfor. ...*Hannover, Germany*, 5.0264.
Goodfriend Ostergaard ...*Cedar Knolls, New Jersey*, 6.0059.
Gorgas Memorial Institute ...*Washington, District of Columbia*, 2.1216.
Goshen College ...*Goshen, Indiana*, 5.0037.
Graphic Arts Technical Found. ...*Pittsburgh, Pennsylvania*, 1.0132.
Great Western Sugar Company ...*Longmont, Colorado*, 4.0251.
Green Bay Met. Sewage Dist. ...*Green Bay, Wisconsin*, 2.1455.
Green Giant Company ...*Le Sueur, Minnesota*, 2.1309.
Guilford Co. Health Department ...*Greensboro, North Carolina*, 1.0280.
Gulf Coast Agric. Expt. Sta. ...*Bradenton, Florida*, 4.0258, 4.0259, 4.0260, 4.0261, 4.0586.
Gulf Coast Research Laboratory ...*Ocean Springs, Mississippi*, 2.0212, 2.1052.
Gulf South Research Institute ...*Baton Rouge, Louisiana*, 1.0205, 2.1281, 2.1282, 4.0624.
Gulf South Research Institute ...*New Iberia, Louisiana*, 4.0628.
H R B Singer Incorporated ...*State College, Pennsylvania*, 2.0760.
H L. Mills Brookl. Dairy Farm ...*Hagerstown, Maryland*, 2.1292.

PERFORMING ORGANIZATION INDEX

Hamilton City Government ...*Hamilton, Ohio*, 3.0267.
Hanford Environ. Health Found. ...*Richland, Washington*, 5.0756, 5.0757.
Harvard University ...*Boston, Massachusetts*, 1.0213, 1.0214, 1.0714, 2.1295, 4.0656, 4.0657, 4.0658, 5.0379, 5.0380, 5.0381, 5.0382, 5.0383, 5.0384, 5.0385, 5.0855.
Harvard University ...*Cambridge, Massachusetts*, 1.0891, 2.1041, 2.1042, 2.1298, 2.1582, 2.1847, 2.1848, 3.0173.
Hazleton Laboratories ...*Falls Church, Virginia*, 4.0887, 4.0888.
Health Research Incorporated ...*Buffalo, New York*, 4.0965, 4.0968, 4.1077.
Hebrew University ...*Jerusalem, Israel*, 4.0948, 5.0327.
Heidelberg College ...*Tiffin, Ohio*, 2.0734.
Helsingin Yli. Helsing. Univ. ...*Helsinki, Finland*, 2.0094, 2.0095, 4.0937, 5.0030.
Hercules Incorporated ...*Wilmington, Delaware*, 2.0882.
Hi Hillsranch Incorporated ...*Waynesburg, Pennsylvania*, 2.1090.
High Plains Research Found. ...*Plainview, Texas*, 2.0386.
Highway Research Board ...*Washington, District of Columbia*, 3.0104.
Hiroshima University ...*Hiroshima, Japan*, 5.0330.
Hittman Associates Inc. ...*Ellicott City, Maryland*, 2.1038.
Hofstra University ...*Hemstead, New York*, 2.1877.
Holliston Mills Incorporated ...*Kingsport, Tennessee*, 3.0315.
Hope College ...*Holland, Michigan*, 2.0199.
Hospital De Bicetre ...*Paris, France*, 5.0255.
Hospital De Santa Maria ...*Lisbon, Portugal*, 5.0599.
Hospital for Sick Children ...*Washington, District of Columbia*, 1.0192.
Houston Research Incorporated ...*Houston, Texas*, 3.0042.
Howard University ...*Washington, District of Columbia*, 5.0226.
Hughes Tool Company ...*Culver City, California*, 6.0003.
Humboldt State College ...*Arcata, California*, 2.1486, 4.0541.
Hydroscience Incorporated ...*Westwood, New Jersey*, 2.0919.
I I T Research Institute ...*Chicago, Illinois*, 1.0552, 2.0124, 2.0577, 2.1002, 2.1244, 2.1245, 2.1246.
Ichthyological Associates ...*Ithaca, New York*, 2.1648.
Illinois Inst. of Technology ...*Chicago, Illinois*, 2.0891, 2.1247, 4.0611.
Illinois Packing Company ...*Chicago, Illinois*, 3.0121.
Indian Inst. of Science ...*Bangalore, India*, 1.0555, 1.0556.
Indian River Field Laboratory ...*Fort Pierce, Florida*, 2.1227, 4.0262.
Indiana University ...*Bloomington, Indiana*, 1.0883, 2.0582, 2.1550, 2.1551, 2.1552, 5.0840.
Indiana University ...*Indianapolis, Indiana*, 5.0841.
Industrial Nucleonics Corp. ...*Columbus, Ohio*, 1.0834.
Industrial Toxicology Res. Ct. ...*Lucknow, Uttar Pradesh, India*, 1.0203.
Infilco Incorporated ...*Tucson, Arizona*, 2.1153.
Informatics Incorporated ...*Riverdale, Maryland*, 6.0088.
Inst. De Igiena Protec. Muncii ...*Bucharest, Rumania*, 5.0918.
Inst. Divi Thomae ...*Cincinnati, Ohio*, 5.0557.
Inst. for Atomic Sci. in Agri. ...*Wageningen, Netherlands*, 5.0419.
Inst. for the Ap. of Nucl. En. ...*Belgrade, Zemun, Yugoslavia*, 4.0528.
Inst. Jozef Stefan Nuklearne ...*Ljubljana, Yugoslavia*, 4.0998.
Inst. of Cult. Fert. & Soil ...*Wroclaw, Poland*, 4.0469.
Inst. of Nuclear Research ...*Otwock Swierk, Poland*, 5.0916.
Inst. of Nuclear Research ...*Warsaw, Poland*, 5.0598.
Inst. of Radiation Hygiene ...*Prague, Czechoslovakia*, 5.0222.
Inst. of Radiology & Rad. Hyg. ...*Sofia, Bulgaria*, 5.0104.
Inst. of Tobacco ...*Prilep, Yugoslavia*, 4.1134.
Inst. Royal Des Sciences Nat. ...*Brussels, Belgium*, 2.0028.
Inst. Rudjer Boskovic ...*Zagreb, Yugoslavia*, 2.0460.
Inst. Strassen & Utertagbau ...*Zurich, Switzerland*, 1.0140.
Inter Amer. Inst. of Agr. Sc. ...*Turrialba, Costa Rica*, 4.0583, 5.0218, 5.0219.
Inter Amer. University ...*San German, Puerto Rico*, 2.1909.
Internat. Min. & Chem. Corp. ...*Skokie, Illinois*, 3.0128.
Ionics Incorporated ...*Watertown, Massachusetts*, 3.0177.
Iowa State University ...*Ames, Iowa*, 1.0055, 1.0702, 2.0143, 2.0144, 2.0145, 2.0146, 2.0147, 2.0148, 2.0149, 2.0585, 2.0586, 2.0587, 2.0588, 2.0895, 2.0896, 2.1017, 2.1269, 2.1270, 2.1271, 2.1272, 2.1831, 2.1832, 3.0007, 3.0143, 3.0144, 3.0145, 4.0033, 4.0111, 4.0308, 4.0309, 4.0310, 4.0311, 4.0619, 4.0620, 4.0946, 4.0947, 4.1028, 4.1029, 6.0057.
Irrigation Ag. Res. & Ex. Ctr. ...*Prosser, Washington*, 4.0191.
Island Creek Coal Company ...*Holden, West Virginia*, 2.1450.
Israel Sea Fisheries Res. Sta. ...*Haifa, Israel*, 2.0151.
Italian Min. Transp. Civ. Avn. ...*Rome, Italy*, 1.0056.
Izaak Walton League of America ...*Glenview, Illinois*, 2.1822.
James S. Minges & Associates ...*Farmington, Connecticut*, 3.0094.
Japanese Ministry of Constr. ...*Tokyo, Japan*, 6.0032, 6.0033.
Japanese Technical Development ...*Tokyo, Japan*, 6.0034.
Johns Hopkins University ...*Annapolis, Maryland*, 2.1034.
Johns Hopkins University ...*Baltimore, Maryland*, 1.0207, 1.0208, 1.0889, 2.1035, 2.1572, 5.0349, 5.0350, 5.0351, 5.0352, 5.0353, 5.0850.
Johns Manville Corporation ...*Manville, New Jersey*, 3.0215.
Junta De Energia Nuclear ...*Madrid, Spain*, 4.1112, 5.0608.
Kaman Corporation ...*Bloomfield, Connecticut*, 6.0074.
Kansas State University ...*Manhattan, Kansas*, 1.0444, 1.0559, 1.0560, 1.0705, 1.0706, 2.0156, 2.0157, 2.0594, 2.0595, 2.0897, 2.0898, 2.1026, 2.1276, 2.1277, 2.1278, 2.1279, 3.0146, 3.0147, 3.0148, 3.0149, 4.0315, 4.0316, 4.0317, 4.0318, 4.0319, 4.0320, 4.0321, 4.0322, 4.0323, 4.0324, 4.0325, 4.0326, 4.0949, 4.1030, 4.1031, 4.1032, 4.1033.
Karolinska Institutet ...*Stockholm, Sweden*, 5.0609.
Kenosha City Water Utility ...*Kenosha, Wisconsin*, 2.1456.
Kent State University ...*Kent, Ohio*, 2.0729, 2.0730, 2.0731, 2.0732, 2.0733, 2.1079.
Kenyon College ...*Gambier, Ohio*, 2.0728.
Korean Off. of Atomic Energy ...*Seoul, Korea*, 3.0151.
Lab. Cent. Des Ponts Chaussees ...*Paris, France*, 6.0029.
Lab. for Exptl. Biology ...*Saint Louis, Missouri*, 1.0218.
Lahey Clinic Foundation Inc. ...*Boston, Massachusetts*, 2.0613.
Lahey Foundation ...*Boston, Massachusetts*, 2.0614.
Lake Tahoe Area Council ...*El Cerrito, California*, 2.0034.
Lamar State Coll. of Technol. ...*Beaumont, Texas*, 2.0816.
Laval University ...*Quebec City, Quebec, Canada*, 5.0192.
Leeds Hill & Jewett Inc. ...*San Francisco, California*, 2.1192.
Lehigh University ...*Bethlehem, Pennsylvania*, 1.0625, 2.0750, 2.0936, 2.1087, 2.1390.
Limnetics Incorporated ...*Milwaukee, Wisconsin*, 2.1462.
Linton Mields & Coston Inc. ...*Washington, District of Columbia*, 1.0484.
Litton Industries Incorporated ...*Bethesda, Maryland*, 4.0646, 4.1041.
Loma Linda University ...*Loma Linda, California*, 4.0560.
Los Angeles Bd. of Pub. Works ...*Los Angeles, California*, 3.0071.
Los Angeles Co. Government ...*Los Angeles, California*, 2.1179.
Los Angeles Co. Health Dept. ...*Los Angeles, California*, 3.0072.
Los Angeles Co. San. Dist. 21 ...*Pomona, California*, 2.0879, 2.1186, 3.0075.
Louisiana State University ...*Baton Rouge, Louisiana*, 1.0057, 1.0707, 1.0708, 2.0163, 2.0603, 2.1029, 3.0152, 3.0153, 3.0373, 3.0374, 4.0035, 4.0036, 4.0115, 4.0329, 4.0330, 4.0331, 4.0332, 4.0625, 4.0626, 4.0950, 4.0951, 4.1037, 4.1038, 5.0339, 5.0340, 5.0341.
Louisiana State University ...*New Orleans, Louisiana*, 1.0709, 2.0164, 4.0629, 6.0084.
Louisiana Technological Univ. ...*Ruston, Louisiana*, 2.0605, 3.0375.
Lovelace Fdn. for Med. Ed. ...*Albuquerque, New Mexico*, 5.0051, 5.0425, 5.0426, 5.0427, 5.0428, 5.0429, 5.0430, 5.0431, 5.0432, 5.0433, 5.0434, 5.0435, 5.0436, 5.0437, 5.0438, 5.0439, 5.0440, 5.0441, 5.0442, 5.0443, 5.0444, 5.0445, 5.0446, 5.0447, 5.0448, 5.0449.
Lower Rio Gr. Res. & Ext. Ctr. ...*Weslaco, Texas*, 4.0071.
Loyola Univ. ...*Maywood, Illinois*, 5.0316.
Ludwig Engin. & Sci. Res. ...*Arcadia, California*, 2.0874.
Ludwig Maximilians Universitat ...*Munich, Germany*, 4.0296.
Manhattan College ...*Bronx, New York*, 2.1646, 3.0228, 3.0229.
Marquette University ...*Milwaukee, Wisconsin*, 2.0455, 2.0456, 2.1463, 2.1782, 2.1783, 5.0768, 5.0965.
Marshall University ...*Huntington, West Virginia*, 2.1770.
Mass. General Hospital ...*Boston, Massachusetts*, 5.0386, 5.0856.
Mass. Inst. of Technology ...*Cambridge, Massachusetts*, 1.0060, 1.0061, 1.0566, 1.0716, 1.0717, 1.0892, 2.0186, 2.0619, 2.1849, 2.1850, 3.0174, 4.0659, 4.1044, 5.0390, 6.0089.
McGill University ...*Montreal, Quebec, Canada*, 1.0681, 2.1195, 4.1008.
McMaster University ...*Hamilton, Ontario, Canada*, 2.1194, 5.0185.
Meadowbrook Med. Ed. Res. Fdn. ...*East Meadow, New York*, 5.0479.
Meat Producers Incorporated ...*Melissa, Texas*, 3.0322.
Mechanical Technology Inc. ...*Latham, New York*, 6.0009.
Medical Coll. of Georgia ...*Augusta, Georgia*, 1.0195, 5.0263.
Medical Res. Council ...*Harwell, England, United Kingdom*, 5.0712.
Memphis State University ...*Memphis, Tennessee*, 4.0180, 6.0112.
Metal Finishers Foundation ...*Montclair, New Jersey*, 2.1333, 2.1334.
Meteorology Research Inc. ...*Altadena, California*, 5.0003.
Metrop. Corp. of Gr. Winnipeg ...*Winnipeg, Manitoba, Canada*, 3.0090.
Metrop. District Commission ...*Boston, Massachusetts*, 3.0169.
Meyers Electro Cooling Prod. ...*Manchester, Connecticut*, 3.0095.
Miami University ...*Oxford, Ohio*, 4.0975.
Michael Reese Hosp. & Med. Ctr. ...*Chicago, Illinois*, 5.0298.
Michigan State University ...*East Lansing, Michigan*, 1.0066, 2.0196, 2.0197, 2.0634, 2.0635, 2.0636, 2.0637, 2.1045, 2.1046, 2.1303, 2.1304, 2.1305, 2.1590, 2.1591, 2.1592, 2.1593, 2.1594, 2.1855, 3.0181, 3.0182, 3.0183, 3.0184, 3.0185, 3.0186, 3.0187, 3.0188, 4.0040, 4.0041, 4.0125, 4.0126, 4.0127, 4.0128, 4.0356, 4.0357, 4.0358, 4.0359, 4.0360, 4.0361, 4.0362, 4.0363, 4.0364, 4.0365, 4.0663, 4.0664, 4.0665, 4.0666, 4.0667, 4.0668, 4.0669, 4.0670, 4.0671, 4.0672, 4.0673, 4.0674, 4.0675, 4.0676, 4.0677, 4.1046, 4.1047, 4.1048, 4.1049, 4.1050, 4.1051, 5.0406, 5.0407, 5.0408, 5.0409.
Michigan State University ...*Hickory Corners, Michigan*, 2.0198.
Michigan Technological Univ. ...*Houghton, Michigan*, 2.0200, 2.0638, 3.0189, 5.0410.
Michigan Technological Univ. ...*L Anse, Michigan*, 3.0029.
Mid Columbia Agric. Expt. Sta. ...*Hood River, Oregon*, 4.0829.
Midwest Research Institute ...*Kansas City, Missouri*, 1.0069, 2.0916, 2.1321, 3.0051.
Millsaps College ...*Jackson, Mississippi*, 2.0211, 2.1609.
Milwaukee Sewage Commission ...*Milwaukee, Wisconsin*, 3.0353.
Ministerio De Comercio ...*Madrid, Spain*, 2.0368.

PERFORMING ORGANIZATION INDEX

Ministry of Pub. Bldg. & Works ...*Herts, England, United Kingdom*, 6.0045, 6.0046, 6.0064.
Ministry of Technology ...*Glasgow, Scotland, United Kingdom*, 6.0044.
Ministry of Technology ...*Stevenage, England, United Kingdom*, 1.0654, 2.0394.
Ministry of Technology ...*Teddington, England, United Kingdom*, 6.0047, 6.0115.
Ministry of Transport ...*Berks, England, United Kingdom*, 3.0325.
Mississippi St. University ...*State College, Mississippi*, 1.0068, 1.0361, 2.0654, 2.1316, 2.1317, 2.1318, 2.1610, 2.1611, 2.1612, 2.1613, 2.1862, 3.0199, 4.0044, 4.0045, 4.0046, 4.0047, 4.0132, 4.0133, 4.0134, 4.0374, 4.0375, 4.0376, 4.0377, 4.0685, 4.0686, 4.0687, 4.0688, 4.0689, 4.1052, 4.1053.
Mississippi St. University ...*Stoneville, Mississippi*, 4.0387.
Missouri Botanical Garden ...*Saint Louis, Missouri*, 2.1629.
Mitre Corporation ...*Bedford, Massachusetts*, 1.0489, 1.0490.
Monsanto Company ...*Saint Louis, Missouri*, 1.0736.
Monsanto Research Corporation ...*Dayton, Ohio*, 2.1379.
Montana Coll. of Min. Science ...*Butte, Montana*, 2.1630.
Montana State University ...*Bozeman, Montana*, 1.0070, 1.0362, 1.0737, 2.0230, 2.0231, 2.0232, 2.0233, 2.0661, 2.1330, 3.0208, 4.0393, 4.0748, 4.0964, 4.0965, 4.1067, 4.1068.
Montgomery Co. Bd. of Comrs. ...*Dayton, Ohio*, 2.1671.
Morehead State University ...*Morehead, Kentucky*, 5.0338.
Motor Indus. Res. Assoc. ...*Warwickshire, England, United Kingdom*, 1.0151, 1.0850, 6.0048, 6.0049, 6.0050, 6.0051, 6.0116.
Mount Vernon Hospital ...*Northwood, England, United Kingdom*, 5.0714.
N U S Corporation ...*Pittsburgh, Pennsylvania*, 2.1399.
Nassau Co. Dept. of Pub. Works ...*Mineola, New York*, 2.1347.
Natl. Academy of Sciences ...*Washington, District of Columbia*, 1.0485, 1.0486, 1.0543, 2.0091, 5.0227, 5.0228, 5.0229, 5.0230, 5.0231, 5.0232, 5.0233, 5.0807, 6.0077.
Natl. Assn. of Counties ...*Washington, District of Columbia*, 3.0105.
Natl. Blood Service ...*Budapest, Hungary*, 5.0267, 5.0268.
Natl. Botanic Gardens ...*Lucknow, Uttar Pradesh, India*, 3.0369.
Natl. Canners Association ...*Berkeley, California*, 2.1165, 2.1166, 5.0105.
Natl. Canners Association ...*Washington, District of Columbia*, 2.1217, 2.1218, 4.0257.
Natl. Cash Register Company ...*Dayton, Ohio*, 4.0160.
Natl. Coun. on Rad. Protectn. ...*Washington, District of Columbia*, 5.0808.
Natl. Inst. of Agric. Sciences ...*Tokyo, Japan*, 4.0312.
Natl. Sanitation Foundation ...*Ann Arbor, Michigan*, 2.0623.
Natl. Steel Corporation ...*Weirton, West Virginia*, 2.1454.
Natl. Swedish Inst. bldg. Res. ...*Stockholm, Sweden*, 1.0139, 3.0054, 3.0314, 6.0042, 6.0109, 6.0110.
Natl. Tsing Hua University ...*Hsinchu, Republic of China*, 5.0602.
Nebraska Agric. Expt. Station ...*Lincoln, Nebraska*, 2.1864.
New England Aquarium Corp. ...*Cambridge, Massachusetts*, 2.1583.
New England Comm. Dev. Corp. ...*Roxbury, Massachusetts*, 3.0176.
New England Inst. Med. Res. ...*Ridgefield, Connecticut*, 5.0216, 5.0217.
New Hampshire Charitable Fund ...*Concord, New Hampshire*, 2.1868.
New Jersey Coll. Med. & Dent. ...*Jersey City, New Jersey*, 1.0220, 5.0424.
New Mexico State University ...*Las Cruces, New Mexico*, 2.0253, 2.0683, 2.0684, 2.1341, 4.0054, 4.0148, 4.0404, 4.0762, 5.0454.
New South Wales Dept. of Mines ...*Sydney, New South Wales, Australia*, 2.0485.
New York City Hlth. Res. Coun. ...*New York, New York*, 1.0229.
New York State Agric. Sta. ...*Geneva, New York*, 4.0055, 4.0149, 4.0150, 4.0406, 4.0407, 4.0408, 4.0409, 4.0410, 4.0411, 4.0412, 4.0413, 4.0414, 4.0415, 4.0416, 4.0417, 4.0765, 4.0766, 4.1079, 4.1080, 4.1081, 4.1082.
New York State Mus. Serv. ...*Albany, New York*, 1.0079.
New York University ...*New York, New York*, 1.0086, 1.0087, 1.0088, 1.0230, 1.0231, 1.0232, 1.0233, 1.0379, 1.0596, 1.0742, 2.1066, 5.0487, 5.0488, 5.0489, 5.0490, 5.0871, 6.0061.
New Zeal. Dept. Sci. Ind. Res. ...*Lower Hutt, New Zealand*, 2.0278.
North Amer. Rockwell Corp. ...*Anaheim, California*, 2.1786.
North Amer. Rockwell Corp. ...*Canoga Park, California*, 2.0876, 2.1172, 2.1173.
North Dakota Sch. of Forestry ...*Bottineau, North Dakota*, 4.0433.
North Dakota State University ...*Fargo, North Dakota*, 2.0297, 2.0926, 2.1360, 2.1665, 2.1666, 3.0256, 3.0257, 4.0159, 4.0434, 4.0435, 4.0802, 4.0803, 4.1093, 4.1094.
North Fla. Agric. Expt. Sta. ...*Quincy, Florida*, 1.0342, 4.0281, 4.0282, 4.0283.
North Miss. Branch Expt. Sta. ...*Holly Springs, Mississippi*, 4.0371, 4.0372, 4.0373.
North Platte Agric. Expt. Sta. ...*North Platte, Nebraska*, 4.1069.
North Texas State University ...*Denton, Texas*, 2.0382.
Northeast Miss. Ag. Expt. Sta. ...*Verona, Mississippi*, 4.0388.
Northeastern University ...*Boston, Massachusetts*, 1.0445, 1.0715, 2.0179, 2.0180, 2.0181, 2.0182, 2.0615, 2.0616, 2.0908, 2.0909, 2.1296, 2.1581, 2.1845, 3.0170, 3.0171, 3.0172, 5.0387.
Northern Illinois University ...*Dekalb, Illinois*, 5.0310.
Northern Territory Admin. ...*Darwin, Northern Territory, Australia*, 2.0483, 2.0484.
Northwestern University ...*Chicago, Illinois*, 1.0198.
Northwestern University ...*Evanston, Illinois*, 1.0200, 2.1004, 2.1005, 2.1820, 2.1821.
Nuclear Chicago Corporation ...*Austin, Texas*, 5.0942.
Nuclear Studies Centre ...*Teheran, Iran*, 5.0843.
Oak Ridge Associated Univs. ...*Oak Ridge, Tennessee*, 5.0626, 5.0627, 5.0628, 5.0922, 5.0923.
Oakland University ...*Rochester, Michigan*, 5.0411, 5.0412.
Oceanic Institute ...*Waimanalo, Hawaii*, 2.0567.
Ohio Agric. Res. & Dev. Center ...*Wooster, Ohio*, 1.0414, 2.0308, 2.0309, 3.0033, 3.0268, 4.0442, 4.0443, 4.0444, 4.0445, 4.0809, 4.0976, 5.0064, 5.0570.
Ohio Riv. Val. Wat. San. Comm. ...*Cincinnati, Ohio*, 2.0714.
Ohio State University ...*Columbus, Ohio*, 1.0908, 2.0300, 2.0301, 2.0302, 2.0303, 2.0304, 2.0721, 2.0722, 2.0723, 2.0724, 2.0725, 2.0726, 2.0933, 2.0934, 2.1374, 2.1375, 2.1376, 2.1377, 2.1378, 2.1669, 2.1895, 2.1896, 3.0265, 3.0266, 4.0437, 4.0438, 4.0439, 4.0440, 4.0441, 4.0806, 4.0807, 4.0808, 4.0973, 4.0974, 5.0063, 5.0911, 6.0101.
Ohio University ...*Athens, Ohio*, 2.1361.
Okla. St. Univ. ...*Stillwater, Oklahoma*, 1.0129, 2.0315, 2.0316, 2.1385, 2.1386, 2.1674, 3.0034, 3.0272, 3.0273, 3.0274, 3.0275, 3.0276, 4.0063, 4.0161, 4.0162, 4.0446, 4.0447, 4.0448, 4.0449.
Old Dominion University ...*Norfolk, Virginia*, 1.0852.
Ontario Cancer Tr. & Res. Fdn. ...*Hamilton, Ontario, Canada*, 5.0186, 5.0187, 5.0188.
Ontario Cancer Tr. & Res. Fdn. ...*London, Ontario, Canada*, 5.0189, 5.0794, 5.0795.
Oregon State University ...*Corvallis, Oregon*, 1.0288, 1.0530, 1.0623, 1.0837, 2.0317, 2.0318, 2.0319, 2.0320, 2.0321, 2.0322, 2.0323, 2.0324, 2.0325, 2.0326, 2.0327, 2.0328, 2.0329, 2.0330, 2.0331, 2.0739, 2.0740, 2.0741, 2.0742, 2.0743, 2.0744, 2.0745, 2.0746, 2.0747, 2.0748, 2.1387, 2.1388, 2.1675, 2.1676, 2.1677, 2.1678, 2.1679, 2.1680, 2.1681, 2.1682, 2.1683, 2.1684, 2.1685, 2.1686, 2.1687, 2.1897, 2.1898, 2.1899, 2.1900, 3.0035, 3.0036, 3.0277, 3.0278, 3.0279, 3.0280, 3.0281, 3.0282, 3.0283, 3.0284, 3.0285, 3.0397, 4.0064, 4.0163, 4.0164, 4.0165, 4.0450, 4.0451, 4.0452, 4.0453, 4.0454, 4.0455, 4.0456, 4.0457, 4.0458, 4.0818, 4.0819, 4.0820, 4.0821, 4.0822, 4.0823, 4.0824, 4.0825, 4.0826, 4.0827, 4.0828, 4.0977, 4.0978, 4.0979, 4.0980, 4.1101, 4.1102, 5.0576, 5.0577, 5.0913.
Pakistan Atomic Energy Comm. ...*Dacca, East Pakistan, Pakistan*, 5.0066.
Palo Alto Medical Res. Found. ...*Palo Alto, California*, 5.0167.
Panametrics Incorporated ...*Waltham, Massachusetts*, 1.0721.
Pasadena Found. for Med. Res. ...*Pasadena, California*, 5.0173.
Peabody Coal Company ...*Saint Louis, Missouri*, 2.1329.
Pee Dee Experiment Station ...*Florence, South Carolina*, 4.0476, 4.0477.
Penn. State University ...*University Park, Pennsylvania*, 1.0136, 1.0293, 1.0416, 1.0417, 1.0418, 1.0419, 1.0474, 1.0636, 1.0637, 1.0638, 1.0639, 1.0640, 1.0641, 1.0642, 1.0912, 2.0348, 2.0349, 2.0350, 2.0761, 2.0762, 2.0763, 2.0764, 2.0765, 2.0766, 2.0937, 2.0938, 2.1088, 2.1403, 2.1404, 2.1405, 2.1690, 2.1691, 2.1907, 2.1908, 3.0040, 3.0294, 3.0295, 3.0296, 3.0297, 3.0298, 3.0299, 3.0300, 3.0301, 3.0302, 3.0303, 3.0304, 3.0399, 4.0166, 4.0167, 4.0459, 4.0460, 4.0461, 4.0462, 4.0463, 4.0464, 4.0465, 4.0466, 4.0467, 4.0834, 4.0835, 4.0836, 4.0837, 4.0981, 4.0982, 4.1103, 4.1104, 4.1105, 5.0594, 5.0595.
Philco Ford Corporation ...*Palo Alto, California*, 5.0168.
Phoenix City Government ...*Phoenix, Arizona*, 2.1151.
Physicalisch Bioklim. Forsc. ...*Munich, Germany*, 1.0044.
Polish Academy of Sciences ...*Warsaw, Poland*, 5.0917.
Pontificia Univ. Catolica ...*Rio De Janeiro, Brazil*, 5.0099, 5.0100, 5.0772.
Presbyterian Saint Lukes Hosp. ...*Chicago, Illinois*, 5.0299, 5.0300.
Princeton University ...*Princeton, New Jersey*, 2.0677.
Process Research Incorporated ...*Cambridge, Massachusetts*, 2.1299, 2.1300.
Purdue University ...*Lafayette, Indiana*, 1.0053, 1.0054, 1.0557, 1.0558, 1.0884, 1.0885, 2.0139, 2.0140, 2.0141, 2.0583, 2.0584, 2.1013, 2.1014, 2.1015, 2.1016, 2.1266, 2.1829, 2.1830, 3.0138, 3.0139, 3.0140, 3.0141, 3.0142, 3.0370, 3.0371, 4.0107, 4.0108, 4.0109, 4.0110, 4.0306, 4.0307, 4.0615, 4.0616, 4.0617, 4.0618, 4.1024, 4.1025, 4.1026, 4.1027, 5.0320, 5.0321, 5.0322, 5.0323, 5.0842.
Quirk Lawler & Matusky Engrs. ...*New York, New York*, 2.0694, 2.0695.
R A I Research Corporation ...*Long Island City, New York*, 3.0242.
R T. French Company ...*Shelly, Idaho*, 3.0118.
Radian Corporation ...*Austin, Texas*, 1.0650, 2.0375.
Railway Technical Center ...*Derby, England, United Kingdom*, 6.0043.
Ralph Stone & Company ...*Los Angeles, California*, 2.0967.
Rand Development Corporation ...*Cleveland, Ohio*, 2.1373, 3.0263.
Randolph Macon Womans College ...*Lynchburg, Virginia*, 3.0334.
Real Estate Research Corp. ...*San Francisco, California*, 3.0078.
Regional Science Res. Inst. ...*Philadelphia, Pennsylvania*, 2.1904.
Rensselaer Polytechnic Inst. ...*Troy, New York*, 1.0747, 2.0275, 2.0703, 2.0704, 3.0249, 3.0250, 5.0514, 5.0890.
Res. Inst. of Pomology ...*Skierniewice, Poland*, 4.0838.
Res. Inst. of the Gulf of Me. ...*Portland, Maine*, 2.1568.

PERFORMING ORGANIZATION INDEX

Resources for the Future Inc ...*Washington, District of Columbia,* 2.1219, 2.1810, 2.1811.
Rex Chainbelt Incorporated ...*Milwaukee, Wisconsin,* 3.0354, 3.0355.
Road Research Laboratory ...*Berks, Crowthorne, United Kingdom,* 3.0323, 3.0324.
Rockefeller University ...*New York, New York,* 6.0097.
Rohnert Park City Government ...*Rohnert Park, California,* 2.1190.
Rollins College ...*Winter Park, Florida,* 2.0109.
Roscoe B. Jackson Mem. Lab. ...*Bar Harbor, Maine,* 5.0344, 5.0345, 5.0346, 5.0347.
Roy F. Weston Incorporated ...*West Chester, Pennsylvania,* 2.1406, 2.1407, 2.1408.
Rutgers the State University ...*New Brunswick, New Jersey,* 1.0076, 1.0365, 1.0366, 1.0367, 1.0368, 1.0369, 1.0370, 1.0371, 1.0372, 1.0373, 1.0374, 1.0375, 1.0590, 1.0895, 2.0248, 2.0249, 2.0250, 2.0251, 2.0674, 2.0675, 2.0676, 2.0918, 2.1055, 2.1056, 2.1057, 2.1058, 2.1335, 2.1336, 2.1337, 2.1338, 2.1641, 2.1642, 2.1870, 2.1871, 3.0010, 3.0031, 3.0216, 3.0217, 3.0218, 3.0219, 3.0220, 3.0221, 3.0222, 3.0223, 3.0224, 4.0053, 4.0144, 4.0145, 4.0146, 4.0147, 4.0396, 4.0397, 4.0398, 4.0399, 4.0400, 4.0401, 4.0402, 4.0403, 4.0760, 4.0761, 4.0966, 4.0967, 4.1074, 4.1075, 4.1076.
Sacramento State College ...*Sacramento, California,* 2.0046.
Saint Andrews Presby. College ...*Laurinburg, North Carolina,* 2.1888.
Saint Barthol. Hosp. Med. Col. ...*London, England, United Kingdom,* 5.0713.
Saint Cloud State College ...*Saint Cloud, Minnesota,* 2.1602.
Saint Procopius College ...*Lisle, Illinois,* 5.0838.
Saint Regis Paper Company ...*New York, New York,* 2.1350.
Saint Vincents Hosp. Med. Ctr. ...*New York, New York,* 1.0234.
Salud Incorporated ...*Woodville, California,* 4.0571.
San Diego State University ...*San Diego, California,* 2.1498, 5.0177.
San Fran. Bay Area Tr.n. Dist. ...*San Francisco, California,* 6.0025.
San Fran. Planning Association ...*San Francisco, California,* 3.0079.
San Jose City Government ...*San Jose, California,* 2.1193.
San Jose State College ...*San Jose, California,* 2.0974.
Schweizerisches Forschungsinst. ...*Davos, Switzerland,* 5.0610.
Scott Paper Company ...*Westbrook, Maine,* 3.0159.
Scripps Clinic Res. Fdn. ...*San Diego, California,* 5.0178.
Serbian Inst. Oc. & Rad. Hlth. ...*Belgrade, Yugoslavia,* 5.0770, 5.0771.
Serendipity Incorporated ...*Arlington, Virginia,* 6.0052.
Sir George Williams University ...*Montreal, Quebec, Canada,* 5.0797.
Skidaway Inst. of Oceanograph. ...*Savannah, Georgia,* 2.0560.
Sloan Kett. Inst. Cancer Res. ...*New York, New York,* 5.0491, 5.0492, 5.0493, 5.0472.
Slovak Akademie Ved ...*Bratislava, Czechoslovakia,* 5.0220.
Smith College ...*Northampton, Massachusetts,* 5.0395.
Smithsonian Institution ...*Balboa Heights, Canal Zone,* 2.0058.
Smithsonian Institution ...*Washington, District of Columbia,* 1.0193, 5.0234.
Sunkist Growers ...*Yakima, Washington,* 2.1449.
Soap & Detergent Association ...*New York, New York,* 2.1351.
Soc. of Automotive Engrs. Inc. ...*New York, New York,* 1.0743, 6.0040.
Soc. of Nuclear Medicine ...*New York, New York,* 5.0873.
Sogreah ...*Grenoble, France,* 2.0110, 2.0885, 2.1230, 2.1535.
Solid State Radiations Inc. ...*Los Angeles, California,* 5.0786.
South Dakota School of Mines ...*Rapid City, South Dakota,* 2.0367.
South Dakota State University ...*Brookings, South Dakota,* 2.0360, 2.0361, 2.0362, 2.0363, 2.0796, 2.0797, 2.0798, 3.0312, 3.0313, 4.0066, 4.0067, 4.0175, 4.0176, 4.0478, 4.0844, 4.0845, 4.0846, 4.0847, 4.0984, 4.0985.
South Florida Field Laboratory ...*Immokalee, Florida,* 4.0273.
South St. Paul Sew. Disp. Com. ...*South Saint Paul, Minnesota,* 2.1315.
Southern Connecticut St. Col. ...*New Haven, Connecticut,* 1.0483.
Southern Illinois University ...*Carbondale, Illinois,* 1.0345, 1.0551, 2.0575, 2.1819, 3.0119.
Southern Illinois University ...*Edwardsville, Illinois,* 5.0311.
Southern Methodist University ...*Dallas, Texas,* 1.0652.
Southern Research Institute ...*Birmingham, Alabama,* 2.1143, 2.1144.
Southwest Missouri State Coll. ...*Springfield, Missouri,* 3.0207.
Southwest Research Institute ...*Houston, Texas,* 1.0843, 1.0844, 1.0845, 2.1734.
Southwest Research Institute ...*San Antonio, Texas,* 1.0148, 1.0299, 1.0424, 1.0533, 2.0824, 2.0825, 2.1435, 2.1735, 3.0055.
Southwest Texas State Univ. ...*San Marcos, Texas,* 5.0707.
Southwestern Great Plains Ctr. ...*Bushland, Texas,* 4.0069, 4.0181, 4.0484, 4.1115.
Sperry Rand Corporation ...*Sudbury, Massachusetts,* 1.0358.
Standard Brands Chem. Indus. ...*Dover, Delaware,* 2.1209.
Standard Oil Co. of New Jersey ...*Linden, New Jersey,* 1.0075, 1.0588, 1.0589, 1.0738, 1.0739.
Stanford Research Institute ...*Menlo Park, California,* 1.0011, 1.0012, 1.0013, 1.0318, 1.0674, 1.0675, 1.0676, 2.0494, 2.0495, 2.1182, 2.1795, 2.1796, 3.0073, 4.0014, 4.0930, 4.1003, 5.0165, 5.0789, 6.0069, 6.0070, 6.0071.
Stanford University ...*Palo Alto, California,* 1.0182, 1.0536, 1.0866, 1.0867, 2.0043, 2.1183, 2.1184, 5.0169, 5.0170, 5.0171, 6.0072.
State Assembly ...*Sacramento, California,* 1.0017.
State Board of Conservation ...*Saint Petersburg, Florida,* 2.1533.
State Board of Fish. & Game ...*Hartford, Connecticut,* 2.0524.
State Bur. of Geology ...*Tallahassee, Florida,* 2.0106, 2.0107, 2.0996.
State Bur. of Sanitary Engin. ...*Harrisburg, Pennsylvania,* 2.0340, 2.0751.
State Bur. of Water Management ...*Lansing, Michigan,* 4.0042.
State Comm. of Game Inl. Fish. ...*Richmond, Virginia,* 2.0832, 2.0833.
State Conservation Department ...*Cape Vincent, New York,* 2.0260.
State Conservation Department ...*Livingston Manor, New York,* 4.0776.
State Dept. of Ches. Bay Affrs. ...*Annapolis, Maryland,* 2.0610, 2.1571.
State Dept. of Commerce ...*Lansing, Michigan,* 3.0190.
State Dept. of Conserv. ...*Jefferson City, Missouri,* 2.0659, 2.1620, 2.1621, 2.1622, 2.1623, 2.1624, 2.1625, 4.0392, 4.0744, 4.0745, 4.0746, 4.0747.
State Dept. of Conserv. & Dev. ...*Raleigh, North Carolina,* 2.1889.
State Dept. of Env. Conserv. ...*Albany, New York,* 2.0256, 2.1342, 3.0225, 3.0226, 3.0227.
State Dept. of Env. Conserv. ...*Cape Vincent, New York,* 2.1876.
State Dept. of Fish & Game ...*Juneau, Alaska,* 2.1478.
State Dept. of Fish & Game ...*Long Beach, California,* 2.0491.
State Dept. of Fish & Game ...*Sacramento, California,* 2.1496, 2.1497, 4.0566, 4.0567, 4.0568.
State Dept. of Fish & Game ...*Las Vegas, Nevada,* 2.0667.
State Dept. of Fish & Wl. Res. ...*Frankfort, Kentucky,* 2.0597, 2.1559, 2.1560, 2.1561, 2.1562, 2.1563, 2.1564, 2.1565.
State Dept. of Fisheries ...*Olympia, Washington,* 2.0839.
State Dept. of Game ...*Olympia, Washington,* 4.0892, 4.0893, 4.0894.
State Dept. of Game Fish & Pk. ...*Pierre, South Dakota,* 2.0799, 2.1710.
State Dept. of Health ...*Minneapolis, Minnesota,* 2.1310.
State Dept. of Health ...*Trenton, New Jersey,* 1.0740.
State Dept. of Health ...*Albany, New York,* 2.1343.
State Dept. of Health ...*Harrisburg, Pennsylvania,* 2.0341, 2.0752, 2.0753, 2.1902.
State Dept. of Highways ...*Lansing, Michigan,* 6.0036.
State Dept. of In. Fish & Game ...*Augusta, Maine,* 2.0606, 4.0630, 4.0631.
State Dept. of Labor & Industry ...*Boston, Massachusetts,* 1.0215.
State Dept. of Mines & Min. ...*Harrisburg, Pennsylvania,* 2.1391, 2.1392.
State Dept. of Nat. Resources ...*Columbus, Ohio,* 2.0305, 2.0306.
State Dept. of Nat. Resources ...*Delafield, Wisconsin,* 2.1777.
State Dept. of Nat. Resources ...*Madison, Wisconsin,* 2.0435, 2.0854, 2.1133, 2.1778, 3.0345, 4.0908.
State Dept. of Pub. Health ...*Berkeley, California,* 1.0004, 1.0671.
State Dept. of Pub. Instruct. ...*Springfield, Illinois,* 4.0028.
State Dept. of Sea & Sh. Fish. ...*Augusta, Maine,* 2.1567.
State Dept. of Water Resources ...*Fresno, California,* 2.1176.
State Div. of Air Pol. Control ...*Harrisburg, Pennsylvania,* 1.0839.
State Div. of Comm. Fisheries ...*Juneau, Alaska,* 2.1479.
State Div. of Conservation ...*Providence, Rhode Island,* 2.0355, 2.1095.
State Div. of Env. Protection ...*Madison, Wisconsin,* 2.0855.
State Div. of Fish & Game ...*Honolulu, Hawaii,* 2.0561.
State Div. of Fish & Game ...*Trenton, New Jersey,* 2.0252, 2.0679, 2.1059, 2.1060.
State Div. of Fish & Game ...*Oakdale, New York,* 2.0696.
State Div. of Fish & Wildlife ...*Albany, New York,* 2.1645.
State Div. of Fisheries & Game ...*Boston, Massachusetts,* 2.0617.
State Div. of Fisheries & Game ...*Westboro, Massachusetts,* 4.0038.
State Div. of Game & Fish ...*Eustis, Florida,* 2.0543.
State Div. of Game & Fish ...*Tallahassee, Florida,* 2.1534, 4.0596.
State Div. of Game & Fish ...*Saint Paul, Minnesota,* 2.1603.
State Div. of Game Fish & Pks. ...*Denver, Colorado,* 4.0574.
State Div. of Highways ...*Sacramento, California,* 6.0024.
State Div. of Marine Fisheries ...*Boston, Massachusetts,* 2.0618.
State Div. of Marine Resources ...*Old Field, New York,* 2.1653.
State Div. of Mines & Geology ...*Sacramento, California,* 2.0047, 2.0048.
State Div. of Wildlife Resour. ...*Salt Lake City, Utah,* 2.0402.
State Div. of Wildlife Resour. ...*Charleston, West Virginia,* 2.0850, 2.1131, 2.1132.
State Fish & Game Department ...*Billings, Montana,* 2.0229.
State Fish & Game Department ...*Helena, Montana,* 4.0749.
State Fish & Game Department ...*Montpelier, Vermont,* 2.1923.
State Fish Commission ...*Portland, Oregon,* 2.1688.
State Fish Commission ...*Harrisburg, Pennsylvania,* 4.0830, 4.0831, 4.0832, 4.0833.
State Forest. Fish & Game Com. ...*Pratt, Kansas,* 2.0158, 2.1027, 2.1558, 4.0622.
State Game & Fish Commission ...*Nashville, Tennessee,* 4.0852.
State Game & Fish Department ...*Phoenix, Arizona,* 2.0015.
State Game & Fish Department ...*Bismarck, North Dakota,* 2.0296, 4.0801.
State Game & Fish Division ...*Eastaboga, Alabama,* 2.1471.
State Game & Parks Commission ...*Lincoln, Nebraska,* 2.0236, 2.0664, 2.1633, 2.1634, 2.1865, 4.0754, 4.0755, 4.0756.
State Geol. Survey ...*University, Alabama,* 2.0006, 2.1146, 2.1147, 2.1785.
State Geol. Survey ...*Urbana, Illinois,* 1.0353, 2.0579, 2.1008, 2.1007, 2.1823, 3.0050.
State Geol. Survey & Wa. Reso. ...*Jackson, Mississippi,* 2.0649, 2.1250.
State Geol. Survey & Wa. Reso. ...*Rolla, Missouri,* 2.0224, 3.0205.
State Legislative Council ...*Austin, Texas,* 2.1918.
State Marine Conserv. Comm. ...*Biloxi, Mississippi,* 2.0210.

PERFORMING ORGANIZATION INDEX

State Marine Conserv. Comm. ...*Ocean Springs, Mississippi*, 2.0651, 2.0652.
State Natural History Survey ...*Urbana, Illinois*, 2.0127, 2.1008, 4.0029.
State Parks & Wildlife Dept. ...*Austin, Texas*, 2.1725, 2.1726, 2.1727, 2.1728, 4.0856.
State Port Authority ...*Portland, Maine*, 2.1032.
State Res. & Dev. Division ...*Lansing, Michigan*, 2.0202, 2.1595, 2.1596, 4.0678, 4.0679.
State Seafoods Division ...*Dauphin Island, Alabama*, 2.0462.
State Senate ...*Austin, Texas*, 2.1919.
State Soil & Water Cons. Comm. ...*Little Rock, Arkansas*, 2.0962.
State University of New York ...*Albany, New York*, 1.0080, 1.0081, 1.0082, 1.0741, 2.0257.
State University of New York ...*Buffalo, New York*, 1.0224, 2.1064, 2.1647, 4.0764, 5.0478.
State University of New York ...*Geneseo, New York*, 2.0687.
State University of New York ...*Ithaca, New York*, 1.0378, 1.0448, 2.0262, 2.0263, 2.0264, 2.0265, 2.0266, 2.0267, 2.0268, 2.0269, 2.0691, 2.0692, 2.1065, 2.1345, 2.1346, 2.1649, 2.1650, 2.1880, 2.1881, 3.0232, 3.0233, 3.0234, 3.0235, 3.0236, 3.0237, 3.0238, 3.0239, 3.0240, 3.0241, 3.0392, 4.0056, 4.0151, 4.0152, 4.0418, 4.0419, 4.0420, 4.0767, 4.0768, 4.0769, 4.0770, 4.0771, 4.0772, 4.0773, 4.0774, 4.1083, 4.1084, 5.0053, 5.0054, 5.0055, 5.0480, 5.0481, 5.0482, 5.0483, 5.0868.
State University of New York ...*Oswego, New York*, 2.0271, 2.0272, 2.0697.
State University of New York ...*Plattsburgh, New York*, 2.0274, 2.0700, 3.0053.
State University of New York ...*Stony Brook, New York*, 2.1353, 3.0246, 4.0780, 5.0512.
State University of New York ...*Syracuse, New York*, 1.0495, 2.0702, 4.0057, 4.0058, 4.1085, 5.0513, 6.0041, 6.0099.
State Water Development Board ...*Austin, Texas*, 2.0809, 2.0810, 2.1421.
State Water Resour. Commission ...*Columbia, South Carolina*, 2.0795.
State Water Survey ...*Urbana, Illinois*, 1.0346, 2.0128, 2.0129, 2.0130, 2.0892, 2.1009, 2.1250, 2.1251, 2.1252, 2.1253, 2.1254, 2.1824, 2.1825, 2.1826, 3.0129, 3.0130.
State Wildlife & Fish Comm. ...*Baton Rouge, Louisiana*, 2.1566.
State Wildlife & Fish Comm. ...*New Orleans, Louisiana*, 2.0604, 4.0333.
State Wildlife Resources Comm. ...*Raleigh, North Carolina*, 2.0711.
Stevens Institute of Technol. ...*Hoboken, New Jersey*, 1.0074.
Sub Tropical Agric. Expt. Sta. ...*Homestead, Florida*, 4.0271, 4.0272.
Swift & Company ...*Chicago, Illinois*, 4.0612.
Swindell Dressler Company ...*Pittsburgh, Pennsylvania*, 2.1400.
Syracuse University ...*Syracuse, New York*, 2.0923, 2.1068, 2.1354, 2.1355, 2.1884, 2.1885, 3.0032, 3.0247.
Syracuse University Res. Corp. ...*Syracuse, New York*, 3.0248, 4.1086.
T R W Incorporated ...*Redondo Beach, California*, 1.0537.
T.G. Owe Berg Incorporated ...*Garden Grove, California*, 2.0035.
Technicomp Incorporated ...*Great Neck, New York*, 3.0231.
Technion ...*Haifa, Israel*, 2.0589, 2.1022.
Technion Res. & Develop. Fdn. ...*Haifa, Israel*, 2.0152, 2.1023.
Technische Hogesch. Te Delft ...*Delft, Netherlands*, 2.0666.
Temple University ...*Philadelphia, Pennsylvania*, 1.0531, 5.0583, 5.0584, 5.0585.
Tennessee Technological Univ. ...*Cookeville, Tennessee*, 2.1714.
Texaco Incorporated ...*Beacon, New York*, 1.0593.
Texas A & M University System ...*College Station, Texas*, 1.0295, 1.0423, 2.0379, 2.0380, 2.0381, 2.0817, 2.0818, 2.0948, 2.1109, 2.1424, 2.1425, 2.1426, 2.1427, 2.1729, 2.1730, 2.1731, 2.1920, 4.0070, 4.0182, 4.0183, 4.0184, 4.0185, 4.0485, 4.0486, 4.0487, 4.0488, 4.0489, 4.0490, 4.0491, 4.0492, 4.0857, 4.0858, 4.0859, 4.0860, 4.0861, 4.0862, 4.0863, 4.0864, 4.0865, 4.0987, 4.0988, 4.1116, 4.1117, 4.1118, 4.1119, 4.1120, 4.1121, 4.1122, 4.1123, 5.0680, 5.0681, 5.0682.
Texas Christian University ...*Fort Worth, Texas*, 2.1732.
Texas Instruments Incorporated ...*Dallas, Texas*, 2.0820.
Texas Technological University ...*Lubbock, Texas*, 1.0298, 2.0385, 2.1430, 2.1431, 3.0012, 3.0321, 5.0697.
Thermo Systems Incorporated ...*Saint Paul, Minnesota*, 1.0733.
Thomas Jefferson University ...*Philadelphia, Pennsylvania*, 5.0586, 5.0587.
Thorne Ecological Foundation ...*Boulder, Colorado*, 1.0478.
Trenton City Government ...*Trenton, Michigan*, 2.1308.
Tropical Products Institute ...*London, England, United Kingdom*, 4.0493.
Tucson City Government ...*Tucson, Arizona*, 2.1154.
Tufts University ...*Boston, Massachusetts*, 5.0388.
Tufts University ...*Medford, Massachusetts*, 1.0720, 2.1043.
Tulane University of Louisiana ...*Covington, Louisiana*, 5.0342.
Tulane University of Louisiana ...*New Orleans, Louisiana*, 1.0206, 3.0154, 5.0343.
Tuskegee Institute ...*Tuskegee Institute, Alabama*, 2.0004, 2.0005, 2.0468, 4.0533.
Tyco Laboratories Incorporated ...*Boston, Massachusetts*, 1.0565.
Tyco Laboratories Incorporated ...*Waltham, Massachusetts*, 2.0911.
U.K. Dept. of Trade & Industry ...*London, England, United Kingdom*, 4.0494.
U.S. Air Force ...*Colorado Springs, Colorado*, 2.0510, 2.1198.
U.S. Air Force ...*Eglin Air Force Base, Florida*, 4.0587, 4.0938.
U.S. Air Force ...*Bedford, Massachusetts*, 1.0890, 5.0376.
U.S. Air Force ...*Albuquerque, New Mexico*, 1.0078, 5.0862, 5.0863.
U.S. Air Force ...*Dayton, Ohio*, 1.0121, 1.0285, 1.0286, 1.0410, 1.0411, 1.0835, 1.0836, 6.0010, 6.0011, 6.0012, 6.0013, 6.0102, 6.0103.
U.S. Air Force ...*San Antonio, Texas*, 1.0300, 1.0301, 1.0848, 5.0079, 5.0698, 5.0699, 5.0700, 5.0701, 5.0702, 5.0703, 5.0704, 5.0705, 5.0706, 5.0944, 5.0945, 5.0946, 6.0114.
U.S. Army ...*Washington, District of Columbia*, 5.0027, 5.0235, 5.0236, 5.0237, 5.0238, 5.0239, 5.0240, 5.0241.
U.S. Army ...*Fort Knox, Kentucky*, 5.0336, 5.0845, 6.0083.
U.S. Army ...*Aberdeen Proving Ground, Maryland*, 1.0059, 1.0887, 2.1033, 5.0348, 5.0848, 5.0849, 6.0085.
U.S. Army ...*Edgewood Arsenal, Maryland*, 3.0027, 5.0852.
U.S. Army ...*Natick, Massachusetts*, 2.0910, 3.0028, 3.0175, 3.0381, 4.0660, 5.0391, 5.0392, 5.0393, 5.0394, 5.0858, 5.0859.
U.S. Army ...*Vicksburg, Mississippi*, 2.0655, 2.1614, 2.1615, 3.0030.
U.S. Army ...*Hanover, New Hampshire*, 3.0214.
U.S. Army ...*Flushing, New York*, 4.1078.
U.S. Army ...*Fort Belvoir, Virginia*, 2.0951, 2.0952, 2.0953.
U.S. Atomic Energy Commission ...*Washington, District of Columbia*, 2.1812.
U.S. Atomic Energy Commission ...*Idaho Falls, Idaho*, 5.0035, 5.0818, 5.0819, 5.0820, 5.0821, 5.0822, 5.0823.
U.S. Atomic Energy Commission ...*Los Alamos, New Mexico*, 5.0864.
U.S. Atomic Energy Commission ...*New York, New York*, 1.0744, 1.0745, 2.0270, 5.0057, 5.0058, 5.0494, 5.0874, 5.0875, 5.0876, 5.0877, 5.0878, 5.0879, 5.0880, 5.0881, 5.0882, 5.0883.
U.S. Atomic Energy Commission ...*San Juan, Puerto Rico*, 2.0768, 5.0600, 5.0601.
U.S. Atomic Energy Commision ...*Aiken, South Carolina*, 2.0356, 2.0357, 2.0358, 2.0359, 2.0792, 2.1414, 2.1415, 2.1706, 2.1707, 5.0919.
U.S. Atomic Energy Commission ...*Oak Ridge, Tennessee*, 2.0373, 2.0374, 2.1105, 2.1720, 2.1721, 2.1722, 2.1723, 2.1917, 3.0318, 3.0319, 4.0854, 4.0855, 5.0069, 5.0070, 5.0071, 5.0072, 5.0073, 5.0074, 5.0075, 5.0076, 5.0629, 5.0630, 5.0631, 5.0632, 5.0633, 5.0634, 5.0635, 5.0636, 5.0637, 5.0638, 5.0639, 5.0640, 5.0641, 5.0642, 5.0643, 5.0644, 5.0645, 5.0646, 5.0647, 5.0648, 5.0649, 5.0650, 5.0651, 5.0652, 5.0653, 5.0654, 5.0655, 5.0924, 5.0925, 5.0926, 5.0927, 5.0928, 5.0929, 5.0930, 5.0931, 5.0932, 5.0933, 5.0934, 5.0935, 5.0936, 5.0937, 5.0938, 5.0939.
U.S. Dept. of Agriculture ...*Juneau, Alaska*, 7.0013.
U.S. Dept. of Agriculture ...*Flagstaff, Arizona*, 4.0007.
U.S. Dept. of Agriculture ...*Phoenix, Arizona*, 2.1152, 4.0210.
U.S. Dept. of Agriculture ...*Tucson, Arizona*, 2.0016, 4.0535.
U.S. Dept. of Agriculture ...*Albany, California*, 2.1162, 2.1163, 3.0014, 3.0015, 3.0361.
U.S. Dept. of Agriculture ...*Berkeley, California*, 1.0308, 2.1488, 2.1788, 4.0220.
U.S. Dept. of Agriculture ...*Brawley, California*, 2.1171.
U.S. Dept. of Agriculture ...*Davis, California*, 3.0069.
U.S. Dept. of Agriculture ...*Lompoc, California*, 2.0037.
U.S. Dept. of Agriculture ...*Pomona, California*, 4.0228.
U.S. Dept. of Agriculture ...*Shafter, California*, 4.0243, 4.0244.
U.S. Dept. of Agriculture ...*Denver, Colorado*, 4.0017.
U.S. Dept. of Agriculture ...*Fort Collins, Colorado*, 2.0081, 2.0082, 2.0986, 3.0093, 4.0093.
U.S. Dept. of Agriculture ...*Washington, District of Columbia*, 2.1813, 4.1013.
U.S. Dept. of Agriculture ...*Fort Lauderdale, Florida*, 2.0096, 4.0020, 4.0940.
U.S. Dept. of Agriculture ...*Athens, Georgia*, 2.1231.
U.S. Dept. of Agriculture ...*Macon, Georgia*, 1.0043.
U.S. Dept. of Agriculture ...*Savannah, Georgia*, 4.1019.
U.S. Dept. of Agriculture ...*Tifton, Georgia*, 4.0295.
U.S. Dept. of Agriculture ...*Watkinsville, Georgia*, 3.0005, 3.0368, 4.0026, 4.0100.
U.S. Dept. of Agriculture ...*Twin Falls, Idaho*, 2.0120, 2.0121.
U.S. Dept. of Agriculture ...*Peoria, Illinois*, 2.0126, 2.1249, 3.0127.
U.S. Dept. of Agriculture ...*New Orleans, Louisiana*, 2.1283, 2.1284.
U.S. Dept. of Agriculture ...*Beltsville, Maryland*, 1.0351, 1.0352, 1.0353, 2.0170, 2.0901, 3.0161, 3.0377, 4.0037, 4.0117, 4.0118, 4.0119, 4.0120, 4.0121, 4.0338, 4.0339, 4.0340, 4.0341, 4.0342, 4.0634, 4.0635, 4.0636, 4.0637, 4.0638, 4.0639, 4.0640, 4.0641, 4.0642, 4.0643, 4.0644, 4.0645, 4.0953, 4.0954, 4.0955, 4.0956, 4.0957, 4.1039, 4.1040, 5.0039, 5.0040, 5.0041, 5.0042, 5.0043, 5.0355, 5.0356, 6.0087.
U.S. Dept. of Agriculture ...*Hyattsville, Maryland*, 4.0651, 5.0369.
U.S. Dept. of Agriculture ...*Grand Rapids, Minnesota*, 2.0204.
U.S. Dept. of Agriculture ...*Morris, Minnesota*, 2.0209.
U.S. Dept. of Agriculture ...*Gulfport, Mississippi*, 4.0131.
U.S. Dept. of Agriculture ...*Oxford, Mississippi*, 2.0213, 2.0214, 2.0215, 2.0216, 2.0653, 2.1861.
U.S. Dept. of Agriculture ...*Stoneville, Mississippi*, 1.0586, 1.0587, 3.0202, 4.0137, 4.0694.
U.S. Dept. of Agriculture ...*Columbia, Missouri*, 2.0217, 2.0218.
U.S. Dept. of Agriculture ...*Miles City, Montana*, 4.0750, 4.0751.
U.S. Dept. of Agriculture ...*Missoula, Montana*, 1.0371.

PERFORMING ORGANIZATION INDEX

U.S. Dept. of Agriculture ...*Clay Center, Nebraska*, 3.0209.
U.S. Dept. of Agriculture ...*Mesilla Park, New Mexico*, 1.0591, 1.0592.
U.S. Dept. of Agriculture ...*Santa Rosa, New Mexico*, 2.0255.
U.S. Dept. of Agriculture ...*Ithaca, New York*, 4.0775, 6.0095.
U.S. Dept. of Agriculture ...*Asheville, North Carolina*, 1.0384.
U.S. Dept. of Agriculture ...*Durham, North Carolina*, 4.0969.
U.S. Dept. of Agriculture ...*Whiteville, North Carolina*, 4.0158.
U.S. Dept. of Agriculture ...*Fargo, North Dakota*, 4.0436, 4.0804, 4.1095, 4.1096, 4.1097, 4.1098, 4.1099, 4.1100.
U.S. Dept. of Agriculture ...*Cincinnati, Ohio*, 1.0408.
U.S. Dept. of Agriculture ...*Coshocton, Ohio*, 2.0307.
U.S. Dept. of Agriculture ...*Delaware, Ohio*, 1.0412, 1.0413.
U.S. Dept. of Agriculture ...*Chickasha, Oklahoma*, 2.0313, 2.0738.
U.S. Dept. of Agriculture ...*Durant, Oklahoma*, 2.0314.
U.S. Dept. of Agriculture ...*Upper Darby, Pennsylvania*, 2.0351, 2.1089.
U.S. Dept. of Agriculture ...*Wyndmoor, Pennsylvania*, 3.0041, 3.0305, 4.1106.
U.S. Dept. of Agriculture ...*Clemson, South Carolina*, 1.0646.
U.S. Dept. of Agriculture ...*Newell, South Dakota*, 2.0366.
U.S. Dept. of Agriculture ...*Brownsville, Texas*, 4.0483.
U.S. Dept. of Agriculture ...*Bushland, Texas*, 4.0378, 3.0520.
U.S. Dept. of Agriculture ...*College Station, Texas*, 4.0866, 4.0867, 4.0868.
U.S. Dept. of Agriculture ...*Kerrville, Texas*, 4.0869, 4.0870, 4.0871, 4.0872, 4.0873, 4.1124, 4.1125.
U.S. Dept. of Agriculture ...*Lubbock, Texas*, 1.0653.
U.S. Dept. of Agriculture ...*Weslaco, Texas*, 2.0391, 4.0186.
U.S. Dept. of Agriculture ...*Logan, Utah*, 4.0874.
U.S. Dept. of Agriculture ...*Danville, Vermont*, 2.0406, 2.0829.
U.S. Dept. of Agriculture ...*Front Royal, Virginia*, 4.0889, 4.0890, 4.0991.
U.S. Dept. of Agriculture ...*Norfolk, Virginia*, 2.1443, 3.0335.
U.S. Dept. of Agriculture ...*Richmond, Virginia*, 4.1127.
U.S. Dept. of Agriculture ...*Seattle, Washington*, 1.0656.
U.S. Dept. of Agriculture ...*Wenatchee, Washington*, 4.0993.
U.S. Dept. of Agriculture ...*Yakima, Washington*, 4.0994, 4.1130.
U.S. Dept. of Agriculture ...*Princeton, West Virginia*, 3.0344.
U.S. Dept. of Agriculture ...*Madison, Wisconsin*, 3.0346.
U.S. Dept. of Agriculture ...*Rhinelander, Wisconsin*, 5.0769.
U.S. Dept. of Commerce ...*Boulder, Colorado*, 1.0021, 1.0022, 1.0023, 1.0024, 1.0025, 1.0026, 1.0027, 1.0028, 1.0327, 1.0328, 1.0329, 1.0479, 1.0683, 1.0684, 1.0685, 1.0686, 1.0687, 2.0508, 2.0509, 5.0799, 5.0800, 6.0005, 6.0054, 6.0073.
U.S. Dept. of Commerce ...*Milford, Connecticut*, 2.1516, 2.1517.
U.S. Dept. of Commerce ...*Washington, District of Columbia*, 1.0035, 1.0036, 1.0037, 1.0038, 1.0339, 1.0442, 1.0487, 1.0544, 1.0545, 1.0691, 1.0692, 1.0693, 2.0533, 2.1220, 3.0106, 5.0242, 5.0809, 5.0810, 6.0028, 6.0078.
U.S. Dept. of Commerce ...*Gaithersburg, Maryland*, 5.0368.
U.S. Dept. of Commerce ...*Silver Spring, Maryland*, 1.0713.
U.S. Dept. of Commerce ...*Ann Arbor, Michigan*, 2.0189, 2.0624, 2.1587, 4.0039, 4.1045.
U.S. Dept. of Commerce ...*Sandusky, Ohio*, 2.1672.
U.S. Dept. of Commerce ...*Oak Ridge, Tennessee*, 1.0142, 1.0143, 1.0144, 1.0145, 1.0146, 1.0422, 5.0940.
U.S. Dept. of Commerce ...*Galveston, Texas*, 2.0383, 2.0384.
U.S. Dept. of Commerce ...*Seattle, Washington*, 2.0846, 2.1761, 2.1762, 2.1763.
U.S. Dept. of Defense ...*Washington, District of Columbia*, 5.0243.
U.S. Dept. of Hlth. Ed. & Wel. ...*Dauphin Island, Alabama*, 2.0002, 2.0463, 2.0464, 2.0465, 2.0466, 2.1470.
U.S. Dept. of Hlth. Ed. & Wel. ...*San Francisco, California*, 2.1500.
U.S. Dept. of Hlth. Ed. & Wel. ...*Washington, District of Columbia*, 5.0028.
U.S. Dept. of Hlth. Ed. & Wel. ...*Baltimore, Maryland*, 5.0851.
U.S. Dept. of Hlth. Ed. & Wel. ...*Bethesda, Maryland*, 2.0902, 2.0903, 4.0647, 5.0344, 5.0355, 5.0359, 5.0360, 5.0361, 5.0362, 5.0363, 5.0364, 5.0365, 5.0366, 5.0367.
U.S. Dept. of Hlth. Ed. & Wel. ...*Durham, North Carolina*, 4.0421, 4.0781, 4.0782, 4.0783, 4.0784, 4.0785, 4.0786, 4.0787, 4.0788, 4.0789, 4.0790, 4.0791, 4.0792, 4.0793, 4.0794, 4.0795, 4.0796, 4.1087, 5.0060, 5.0552, 5.0902, 5.0903, 5.0904, 5.0905.
U.S. Dept. of Hlth. Ed. & Wel. ...*Cincinnati, Ohio*, 2.0715, 2.0716, 2.0717, 2.0927, 2.0928, 2.1075, 2.1362.
U.S. Dept. of Hlth. Ed. & Wel. ...*Narragansett, Rhode Island*, 2.0781, 2.0782, 2.0783, 2.0784, 2.0785, 2.0786, 2.0940, 2.0941, 2.1094, 2.1697, 4.1108.
U.S. Dept. of Hlth. Ed. & Wel. ...*Gig Harbor, Washington*, 2.0835, 2.0954.
U.S. Dept. of the Interior ...*Marion, Alabama*, 4.0005, 4.0006, 4.0531, 4.0532.
U.S. Dept. of the Interior ...*University, Alabama*, 3.0360.
U.S. Dept. of the Interior ...*Auke Bay, Alaska*, 4.0534.
U.S. Dept. of the Interior ...*College, Alaska*, 2.0007, 2.0959, 2.1474, 3.0061, 3.0062, 3.0063.
U.S. Dept. of the Interior ...*Fayetteville, Arkansas*, 2.0961.
U.S. Dept. of the Interior ...*Stuttgart, Arkansas*, 4.0540.
U.S. Dept. of the Interior ...*Belvedere, California*, 2.1487, 4.0542, 4.0543, 4.0544, 4.0545.
U.S. Dept. of the Interior ...*Davis, California*, 4.0553.
U.S. Dept. of the Interior ...*Menlo Park, California*, 2.0038, 2.0039, 2.0040, 2.0041, 2.0042, 2.0496, 2.0497, 2.0498, 2.0878, 2.0968, 2.0969, 2.0970, 2.1494, 2.1797, 3.0017, 5.0015.
U.S. Dept. of the Interior ...*Denver, Colorado*, 1.0029, 1.0330, 1.0331, 2.0060, 2.0061, 2.0062, 2.0063, 2.0064, 2.0065, 2.0066, 2.0067, 2.0068, 2.0069, 2.0070, 2.0071, 2.0072, 2.0073, 2.0074, 2.0075, 2.0076, 2.0511, 2.0512, 2.0513, 2.0514, 2.0515, 2.0516, 2.0517, 2.0518, 2.0977, 2.0978, 2.0979, 2.0980, 2.1505, 2.1506, 2.1507, 2.1508, 2.1509, 2.1510, 2.1511, 2.1801, 2.1802, 2.1803, 2.1804, 3.0022, 3.0023, 4.0018, 4.0575, 4.0576, 4.0577, 4.0578, 4.0579, 4.0580, 4.0581, 4.1009, 5.0020, 5.0021, 5.0022, 5.0203, 5.0204, 5.0801.
U.S. Dept. of the Interior ...*Washington, District of Columbia*, 1.0039, 2.0092, 2.0093, 2.0534, 2.0535, 2.0991, 2.0992, 2.0993, 2.1523, 2.1814, 3.0024, 3.0365, 5.0029.
U.S. Dept. of the Interior ...*Sabine Island, Florida*, 4.0024, 4.0594, 4.0595, 4.1015.
U.S. Dept. of the Interior ...*Tallahassee, Florida*, 2.0549, 2.0550.
U.S. Dept. of the Interior ...*Athens, Georgia*, 2.0111, 2.0886.
U.S. Dept. of the Interior ...*Atlanta, Georgia*, 2.0558, 2.0890.
U.S. Dept. of the Interior ...*Hilo, Hawaii*, 4.0604.
U.S. Dept. of the Interior ...*Idaho Falls, Idaho*, 2.0569, 2.0570, 2.1240.
U.S. Dept. of the Interior ...*Fort Wayne, Indiana*, 2.0137.
U.S. Dept. of the Interior ...*Indianapolis, Indiana*, 2.0138.
U.S. Dept. of the Interior ...*Lawrence, Kansas*, 2.1556.
U.S. Dept. of the Interior ...*Louisville, Kentucky*, 2.0602.
U.S. Dept. of the Interior ...*Houma, Louisiana*, 4.0627.
U.S. Dept. of the Interior ...*Baltimore, Maryland*, 2.0169, 2.0611, 2.1286.
U.S. Dept. of the Interior ...*Beltsville, Maryland*, 2.1839, 3.0162.
U.S. Dept. of the Interior ...*College Park, Maryland*, 3.0163, 3.0378, 3.0379, 3.0380.
U.S. Dept. of the Interior ...*Laurel, Maryland*, 2.1579, 4.0652.
U.S. Dept. of the Interior ...*Boston, Massachusetts*, 2.0183, 2.0184.
U.S. Dept. of the Interior ...*Ann Arbor, Michigan*, 2.0190, 4.0661.
U.S. Dept. of the Interior ...*Lansing, Michigan*, 2.1306.
U.S. Dept. of the Interior ...*Duluth, Minnesota*, 2.0639, 2.1597, 4.0680.
U.S. Dept. of the Interior ...*Ely, Minnesota*, 2.0203.
U.S. Dept. of the Interior ...*Saint Paul, Minnesota*, 3.0382.
U.S. Dept. of the Interior ...*Columbia, Missouri*, 2.0219, 4.0048, 4.0049, 4.0695, 4.0696, 4.0697, 4.0698, 4.0699, 4.0700, 4.0701, 4.0702, 4.0703, 4.0704, 4.0705, 4.0706, 4.0707, 4.0708, 4.0709, 4.0710, 4.0711, 4.0712, 4.0713, 4.0714, 4.0715, 4.0716, 4.0717, 4.0718, 4.0719, 4.0720, 4.0721, 4.0722, 4.0723, 4.0724, 4.0725, 4.0726, 4.0727, 4.0728, 4.0729, 4.0730, 4.0731, 4.0732, 4.0733, 4.0734, 4.0735, 4.0736, 4.0737, 4.0738, 4.0739, 4.0740, 4.0741, 4.0961, 4.1054, 4.1055, 4.1056, 4.1057, 4.1058, 4.1059, 4.1060, 4.1061, 4.1062.
U.S. Dept. of the Interior ...*Rolla, Missouri*, 3.0206, 3.0384, 3.0385, 3.0386.
U.S. Dept. of the Interior ...*Boulder City, Nevada*, 3.0390, 3.0391.
U.S. Dept. of the Interior ...*Highlands, New Jersey*, 2.0673, 2.1332, 2.1637, 2.1638, 2.1639, 2.1640.
U.S. Dept. of the Interior ...*Trenton, New Jersey*, 2.0680, 2.0681, 2.0682, 2.1061.
U.S. Dept. of the Interior ...*Albuquerque, New Mexico*, 2.0920, 2.1062.
U.S. Dept. of the Interior ...*Mineola, New York*, 2.0922.
U.S. Dept. of the Interior ...*Beaufort, North Carolina*, 2.0279, 2.0280, 2.0281, 2.0282, 2.0283, 2.0284, 2.0705, 2.1656, 5.0059, 5.0540, 5.0541.
U.S. Dept. of the Interior ...*Raleigh, North Carolina*, 2.1660.
U.S. Dept. of the Interior ...*Grand Forks, North Dakota*, 1.0116, 1.0117.
U.S. Dept. of the Interior ...*Cincinnati, Ohio*, 2.0718, 2.0929, 2.0930, 2.0931, 2.1363, 2.1364, 2.1365, 2.1366, 2.1367, 2.1368, 2.1369, 2.1370, 2.1371, 2.1372, 2.1893, 3.0259, 3.0260, 3.0261.
U.S. Dept. of the Interior ...*Columbus, Ohio*, 2.1670.
U.S. Dept. of the Interior ...*Lebanon, Ohio*, 2.1380, 2.1381.
U.S. Dept. of the Interior ...*Ada, Oklahoma*, 2.0310, 2.0735, 2.0736, 2.0737, 2.1080, 2.1081, 2.1082, 2.1382, 3.0011, 3.0269, 3.0270, 4.0062.
U.S. Dept. of the Interior ...*Bartlesville, Oklahoma*, 1.0122, 1.0123, 1.0124, 1.0125, 1.0126, 1.0127, 1.0620, 2.0311, 2.0312.
U.S. Dept. of the Interior ...*Albany, Oregon*, 1.0621, 1.0622, 3.0396.
U.S. Dept. of the Interior ...*Corvallis, Oregon*, 2.0332, 2.0333, 2.0334, 2.0335, 2.0336, 2.0337, 2.1084, 2.1085, 3.0037, 3.0038, 3.0286, 3.0287, 3.0288.
U.S. Dept. of the Interior ...*Portland, Oregon*, 2.0339, 2.0749, 2.1086.
U.S. Dept. of the Interior ...*Harrisburg, Pennsylvania*, 2.0342.
U.S. Dept. of the Interior ...*Pittsburgh, Pennsylvania*, 1.0133, 1.0134, 1.0629, 1.0630, 1.0631, 1.0632, 1.0633, 1.0634, 1.0635, 1.0842, 2.0759, 2.1401, 2.1402, 3.0039, 3.0292, 3.0293.
U.S. Dept. of the Interior ...*Narragansett, Rhode Island*, 2.1698.
U.S. Dept. of the Interior ...*West Kingston, Rhode Island*, 2.0788, 2.0789, 2.0790, 2.0791, 2.1699, 2.1700, 2.1701, 2.1702, 2.1703, 2.1704, 2.1705.
U.S. Dept. of the Interior ...*Nashville, Tennessee*, 2.0803.
U.S. Dept. of the Interior ...*Austin, Texas*, 2.0376, 2.0811.
U.S. Dept. of the Interior ...*Corpus Christi, Texas*, 2.0819.

PERFORMING ORGANIZATION INDEX

U.S. Dept. of the Interior ...*Salt Lake City, Utah*, 3.0326, 3.0327, 3.0328, 3.0401, 3.0402.
U.S. Dept. of the Interior ...*Arlington, Virginia*, 2.0407, 2.1116, 2.1117, 4.0073.
U.S. Dept. of the Interior ...*Cook, Washington*, 2.1750, 2.1751, 4.0891.
U.S. Dept. of the Interior ...*Longview, Washington*, 2.0838.
U.S. Dept. of the Interior ...*Seattle, Washington*, 2.0422, 2.1764, 4.0901, 5.0086.
U.S. Dept. of the Interior ...*Spokane, Washington*, 3.0340.
U.S. Dept. of the Interior ...*Tacoma, Washington*, 2.1769.
U.S. Dept. of the Interior ...*Morgantown, West Virginia*, 1.0165, 1.0658, 1.0659, 1.0660, 1.0661, 1.0662, 1.0857, 1.0858, 3.0341, 3.0404.
U.S. Dept. of the Interior ...*La Crosse, Wisconsin*, 4.0903, 4.0904, 4.0905, 4.0906, 4.0907.
U.S. Dept. of the Interior ...*Madison, Wisconsin*, 2.0856.
U.S. Dept. of the Interior ...*Jackson, Wyoming*, 4.0919, 4.0920.
U.S. Dept. of the Interior ...*Laramie, Wyoming*, 1.0664, 2.1464, 2.1465, 2.1466, 3.0357, 3.0408, 3.0409, 3.0410.
U.S. Dept. of Transportation ...*Washington, District of Columbia*, 1.0040, 1.0194, 2.0536, 2.0537, 2.0538.
U.S. Dept. of Transportation ...*Oklahoma City, Oklahoma*, 4.0810, 4.0811, 4.0812, 4.0813, 4.0814, 4.0815, 4.0816, 4.0817, 5.0065, 5.0571, 5.0912, 6.0014, 6.0015, 6.0104, 6.0105.
U.S. Dist. of Columbia Govt. ...*Washington, District of Columbia*, 2.1221, 2.1222.
U.S. Environ. Protection Agcy. ...*Dauphin Island, Alabama*, 2.0467, 2.1145.
U.S. Environ. Protection Agcy. ...*Gulf Breeze, Florida*, 2.0546, 2.1525, 4.0021, 4.0590, 4.0591, 4.1014.
U.S. Environ. Protection Agcy. ...*Rockville, Maryland*, 5.0045, 5.0370, 5.0371, 5.0372, 5.0853.
U.S. Environ. Protection Agcy. ...*Ann Arbor, Michigan*, 1.0062, 1.0063, 1.0064, 1.0570, 1.0571, 1.0572, 1.0573, 1.0574, 1.0575, 1.0576, 1.0577, 1.0578, 1.0579, 1.0580, 1.0581.
U.S. Environ. Protection Agcy. ...*Ypsilanti, Michigan*, 1.0726, 1.0727, 1.0728, 1.0729.
U.S. Environ. Protection Agcy. ...*Las Vegas, Nevada*, 5.0050, 5.0420, 5.0421.
U.S. Environ. Protection Agcy. ...*Durham, North Carolina*, 1.0093, 1.0094, 1.0095, 1.0096, 1.0097, 1.0098, 1.0099, 1.0100, 1.0101, 1.0102, 1.0103, 1.0104, 1.0105, 1.0106, 1.0107, 1.0108, 1.0109, 1.0110, 1.0111, 1.0112, 1.0113, 1.0114, 1.0238, 1.0239, 1.0240, 1.0241, 1.0242, 1.0243, 1.0244, 1.0245, 1.0246, 1.0247, 1.0248, 1.0249, 1.0250, 1.0251, 1.0252, 1.0253, 1.0254, 1.0255, 1.0256, 1.0257, 1.0258, 1.0259, 1.0260, 1.0261, 1.0262, 1.0263, 1.0264, 1.0265, 1.0266, 1.0267, 1.0268, 1.0269, 1.0270, 1.0271, 1.0272, 1.0273, 1.0274, 1.0275, 1.0276, 1.0277, 1.0278, 1.0279, 1.0386, 1.0387, 1.0388, 1.0389, 1.0390, 1.0391, 1.0392, 1.0393, 1.0394, 1.0395, 1.0396, 1.0397, 1.0398, 1.0399, 1.0400, 1.0401, 1.0402, 1.0403, 1.0404, 1.0405, 1.0406, 1.0407, 1.0450, 1.0451, 1.0452, 1.0453, 1.0454, 1.0455, 1.0456, 1.0457, 1.0458, 1.0459, 1.0460, 1.0461, 1.0462, 1.0463, 1.0464, 1.0465, 1.0466, 1.0467, 1.0468, 1.0469, 1.0470, 1.0471, 1.0498, 1.0499, 1.0500, 1.0501, 1.0502, 1.0503, 1.0504, 1.0505, 1.0506, 1.0507, 1.0508, 1.0509, 1.0510, 1.0511, 1.0512, 1.0513, 1.0514, 1.0515, 1.0516, 1.0517, 1.0518, 1.0519, 1.0520, 1.0521, 1.0522, 1.0523, 1.0524, 1.0525, 1.0526, 1.0527, 1.0528, 1.0529, 1.0599, 1.0600, 1.0601, 1.0602, 1.0603, 1.0604, 1.0605, 1.0606, 1.0607, 1.0608, 1.0609, 1.0610, 1.0611, 1.0612, 1.0613, 1.0614, 1.0615, 1.0616, 1.0617, 1.0618, 1.0748, 1.0749, 1.0750, 1.0751, 1.0752, 1.0753, 1.0754, 1.0755, 1.0756, 1.0757, 1.0758, 1.0759, 1.0760, 1.0761, 1.0762, 1.0763, 1.0764, 1.0765, 1.0766, 1.0767, 1.0768, 1.0769, 1.0770, 1.0771, 1.0772, 1.0773, 1.0774, 1.0775, 1.0776, 1.0777, 1.0778, 1.0779, 1.0780, 1.0781, 1.0782, 1.0783, 1.0784, 1.0785, 1.0786, 1.0787, 1.0788, 1.0789, 1.0790, 1.0791, 1.0792, 1.0793, 1.0794, 1.0795, 1.0796, 1.0797, 1.0798, 1.0799, 1.0800, 1.0801, 1.0802, 1.0803, 1.0804, 1.0805, 1.0806, 1.0807, 1.0808, 1.0809, 1.0810, 1.0811, 1.0812, 1.0813, 1.0814, 1.0815, 1.0816, 1.0817, 1.0818, 1.0819, 1.0820, 1.0821, 1.0822, 1.0823, 1.0824, 1.0825, 1.0826, 1.0827, 1.0828, 1.0829, 1.0901, 1.0902, 1.0903, 2.0289, 2.0708, 5.0906, 5.0907.
U.S. Environ. Protection Agcy. ...*Cincinnati, Ohio*, 2.0719, 5.0061, 5.0908.
U.S. Environ. Protection Agcy. ...*Corvallis, Oregon*, 2.0738.
U.S. Environ. Protection Agcy. ...*Narragansett, Rhode Island*, 2.0787, 2.0942, 4.0840.
U.S. Environ. Protection Agcy. ...*Gig Harbor, Washington*, 2.0836, 2.0837.
U.S. Natl. Aero. & Space Adm. ...*Huntsville, Alabama*, 1.0001.
U.S. Natl. Aero. & Space Adm. ...*Moffett Field, California*, 2.0499.
U.S. Natl. Aero. & Space Adm. ...*Pasadena, California*, 1.0678, 1.0868.
U.S. Natl. Aero. & Space Adm. ...*Washington, District of Columbia*, 2.0539, 2.0540, 2.0541.
U.S. Natl. Aero. & Space Adm. ...*Houston, Texas*, 1.0296.
U.S. Natl. Aero. & Space Adm. ...*Hampton, Virginia*, 1.0851, 6.0019, 6.0020, 6.0021, 6.0117.
U.S. Natl. Water Commission ...*Arlington, Virginia*, 2.1438, 2.1439, 2.1740, 2.1741.
U.S. Navy ...*China Lake, California*, 2.0029.
U.S. Navy ...*Monterey, California*, 1.0014, 5.0166.
U.S. Navy ...*Port Hueneme, California*, 2.0500, 2.0880, 2.0971, 2.1187, 2.1198, 3.0018, 3.0019, 3.0020, 4.0015.
U.S. Navy ...*Groton, Connecticut*, 1.0190, 1.0191, 6.0075.
U.S. Navy ...*Orlando, Florida*, 1.0546, 5.0248.
U.S. Navy ...*Pensacola, Florida*, 5.0249, 5.0250, 5.0251, 6.0006, 6.0079.
U.S. Navy ...*Annapolis, Maryland*, 1.0561, 1.0710, 1.0711, 1.0888, 3.0026, 3.0160, 6.0086.
U.S. Navy ...*Silver Spring, Maryland*, 1.0355, 2.0175, 2.1293, 5.0046, 5.0047, 5.0373, 5.0374, 5.0856.
U.S. Navy ...*Jacksonville, North Carolina*, 2.0925.
U.S. Navy ...*Philadelphia, Pennsylvania*, 6.0106.
U.S. Navy ...*Warminster, Pennsylvania*, 1.0643, 1.0644, 5.0596.
U.S. Navy ...*Dahlgren, Virginia*, 3.0332, 5.0730.
U.S. Tennessee Valley Auth. ...*Muscle Shoals, Alabama*, 2.1475.
U.S. Tennessee Valley Auth. ...*Chattanooga, Tennessee*, 2.1096, 2.1711, 2.1712, 2.1713.
U.S. Tennessee Valley Auth. ...*Knoxville, Tennessee*, 1.0141, 1.0647, 1.0648, 2.0803, 2.1097, 2.1715, 2.1716.
U.S. Tennessee Valley Auth. ...*Norris, Tennessee*, 2.1104, 2.1718, 2.1719.
U.S. Veterans Administration ...*Birmingham, Alabama*, 5.0091.
U.S. Veterans Administration ...*Tucson, Arizona*, 2.0872.
U.S. Veterans Administration ...*Little Rock, Arkansas*, 5.0094, 5.0095, 5.0096.
U.S. Veterans Administration ...*Long Beach, California*, 5.0145.
U.S. Veterans Administration ...*Los Angeles, California*, 5.0146.
U.S. Veterans Administration ...*Martinez, California*, 1.0181.
U.S. Veterans Administration ...*Palo Alto, California*, 5.0172.
U.S. Veterans Administration ...*Sepulveda, California*, 5.0184.
U.S. Veterans Administration ...*Denver, Colorado*, 5.0205.
U.S. Veterans Administration ...*Atlanta, Georgia*, 5.0817.
U.S. Veterans Administration ...*Chicago, Illinois*, 5.0301, 5.0831.
U.S. Veterans Administration ...*Hines, Illinois*, 1.0201, 5.0312, 5.0313, 5.0314, 5.0315, 5.0835, 5.0836, 5.0837.
U.S. Veterans Administration ...*Iowa City, Iowa*, 5.0326.
U.S. Veterans Administration ...*Louisville, Kentucky*, 5.0846.
U.S. Veterans Administration ...*Boston, Massachusetts*, 5.0389, 5.0[illegible].
U.S. Veterans Administration ...*Allen Park, Michigan*, 5.0401.
U.S. Veterans Administration ...*Minneapolis, Minnesota*, 2.1598.
U.S. Veterans Administration ...*Saint Louis, Missouri*, 6.0092.
U.S. Veterans Administration ...*Omaha, Nebraska*, 5.0861.
U.S. Veterans Administration ...*East Orange, New Jersey*, 5.0423.
U.S. Veterans Administration ...*Albuquerque, New Mexico*, 1.0221, 5.0450.
U.S. Veterans Administration ...*Bronx, New York*, 6.0094.
U.S. Veterans Administration ...*Brooklyn, New York*, 1.0223, 5.0477.
U.S. Veterans Administration ...*New York, New York*, 5.0495.
U.S. Veterans Administration ...*Durham, North Carolina*, 5.0553.
U.S. Veterans Administration ...*Fargo, North Dakota*, 1.0115.
U.S. Veterans Administration ...*Cincinnati, Ohio*, 1.0282.
U.S. Veterans Administration ...*Dayton, Ohio*, 5.0568, 5.0569.
U.S. Veterans Administration ...*Oklahoma City, Oklahoma*, 5.0572, 5.0573.
U.S. Veterans Administration ...*Johnson City, Tennessee*, 6.0111.
U.S. Veterans Administration ...*Memphis, Tennessee*, 5.0622.
U.S. Veterans Administration ...*Houston, Texas*, 1.0297, 5.0690, 5.0691, 5.0692, 5.0943.
U.S. Veterans Administration ...*Temple, Texas*, 5.0[illegible]7.
U.S. Veterans Administration ...*Hampton, Virginia*, 1.0303.
U.S. Veterans Administration ...*Wood, Wisconsin*, 5.0966.
Underwater Storage Inc. ...*Washington, District of Columbia*, 2.1223.
Union Carbide Corporation ...*New York, New York*, 1.0746.
Union Carbide Corporation ...*Charleston, West Virginia*, 2.0851.
Union College & University ...*Albany, New York*, 4.0763, 5.0473.
Union College & University ...*Schenectady, New York*, 2.1883.
Union Stockyards Company ...*Fargo, North Dakota*, 3.0258.
United Aircraft Corporation ...*Hartford, Connecticut*, 1.0440, 1.0541.
United Aircraft Corporation ...*West Palm Beach, Florida*, 1.0547.
Univ. Bucuresti ...*Bucharest, Rumania*, 5.0068.
Univ. Cen. De Venezuela ...*Caracas, Venezuela*, 5.0728.
Univ. Coll. ...*London, England, United Kingdom*, 2.1111.
Univ. De Chile ...*Santiago, Chile*, 5.0018, 5.0200.
Univ. De La Republica ...*Montevideo, Uruguay*, 5.0715.
Univ. De Sherbrooke ...*Sherbrooke, Quebec, Canada*, 2.0506, 5.0193.
Univ. De Toulouse ...*Toulouse, France*, 1.0698.
Univ. Degli Studi ...*Parma, Italy*, 2.0154.
Univ. Degli Studi ...*Rome, Italy*, 5.0329.
Univ. Fed. Do Rio De Janeiro ...*Rio De Janeiro, Brazil*, 5.0101.
Univ. Karlova ...*Prague, Czechoslovakia*, 5.0805.
Univ. of Alabama ...*Birmingham, Alabama*, 1.0168, 5.0092.
Univ. of Alabama ...*Huntsville, Alabama*, 2.1472.
Univ. of Alabama ...*University, Alabama*, 2.0469, 2.1148, 2.1149.
Univ. of Alaska ...*College, Alaska*, 1.0307, 2.0008, 2.0009, 2.0010, 2.0011, 2.0012, 2.0470, 2.0471, 2.0472, 2.0871, 2.0960, 2.1150, 2.1475, 2.1476, 2.1477.
Univ. of Alaska ...*Douglas, Alaska*, 2.0473.
Univ. of Alberta ...*Edmonton, Alberta, Canada*, 1.0184.

Univ. of Arizona ...*Tucson, Arizona*, 1.0665, 1.0666, 1.0667, 2.0017, 2.0018, 2.0019, 2.0020, 2.0474, 2.0475, 2.0476, 2.0477, 2.1155, 2.1156, 2.1157, 2.1158, 2.1159, 2.1480, 3.0047, 4.0008, 4.0009, 4.0010, 4.0081, 4.0082, 4.0083, 4.0211, 4.0212, 4.0213, 4.0536, 4.0537, 4.0538, 4.0924, 4.0925, 6.0065.

Univ. of Arkansas ...*Fayetteville, Arkansas*, 1.0002, 1.0861, 2.0021, 2.0022, 2.0478, 2.0479, 2.0480, 2.1160, 2.1481, 2.1482, 3.0002, 4.0084, 4.0214, 4.0215, 4.0216, 4.0217, 4.0218, 4.0219, 4.0539, 5.0093.

Univ. of Arkansas ...*Little Rock, Arkansas*, 2.0023, 2.0481, 5.0097.

Univ. of Baroda ...*Baroda, India*, 3.0136, 3.0137.

Univ. of Birmingham ...*Birmingham, England, United Kingdom*, 1.0149, 5.0710, 6.0063.

Univ. of Bridgeport ...*Bridgeport, Connecticut*, 2.0523.

Univ. of British Columbia ...*Vancouver, British Columbia, Canada*, 3.0084, 3.0085, 3.0086, 3.0087.

Univ. of Calgary ...*Calgary, Alberta, Canada*, 2.0056.

Univ. of California ...*Berkeley, California*, 1.0005, 1.0006, 1.0170, 1.0534, 1.0862, 1.0963, 2.0486, 2.0487, 2.0488, 2.0875, 2.0964, 2.1167, 2.1168, 2.1169, 2.1170, 2.1489, 2.1789, 3.0016, 3.0065, 3.0066, 3.0067, 3.0068, 4.0085, 4.0221, 4.0546, 4.0547, 4.0548, 4.0549, 4.0550, 4.0551, 4.0552, 4.0926, 4.0927, 4.0999, 5.0106, 5.0107, 5.0108, 5.0109, 5.0110, 5.0111, 5.0112, 5.0113, 5.0114, 5.0115, 5.0116, 5.0117, 5.0118, 5.0119, 5.0120, 5.0121, 5.0122, 5.0123, 5.0124, 5.0125, 5.0126, 5.0773, 5.0774, 5.0775, 5.0776, 5.0777, 5.0778, 5.0779, 6.0022, 6.0066, 6.0067.

Univ. of California ...*Davis, California*, 1.0007, 1.0171, 1.0172, 1.0173, 1.0174, 1.0175, 1.0309, 1.0310, 1.0311, 1.0312, 1.0313, 2.0030, 2.0031, 2.0032, 2.0033, 2.0877, 2.0965, 2.1790, 2.1791, 4.0012, 4.0013, 4.0086, 4.0222, 4.0223, 4.0224, 4.0225, 4.0226, 4.0227, 4.0554, 4.0555, 4.0556, 4.0557, 4.0558, 4.0559, 4.1000, 4.1001, 4.1002, 5.0128, 5.0129, 5.0130, 5.0131, 5.0132, 5.0133, 5.0134, 5.0135.

Univ. of California ...*Irvine, California*, 1.0314, 2.1177.

Univ. of California ...*Livermore, California*, 1.0176, 2.0036, 2.1491, 5.0004, 5.0005, 5.0006, 5.0007, 5.0008, 5.0009, 5.0010, 5.0011, 5.0136, 5.0137, 5.0138, 5.0139, 5.0140, 5.0141, 5.0142, 5.0143, 5.0144, 5.0780, 5.0781, 5.0782, 5.0783, 5.0784, 5.0785.

Univ. of California ...*Los Angeles, California*, 1.0008, 1.0009, 1.0010, 1.0178, 1.0315, 1.0316, 1.0535, 1.0672, 1.0673, 1.0865, 2.0492, 2.1180, 2.1793, 4.0928, 4.0929, 5.0012, 5.0013, 5.0014, 5.0147, 5.0148, 5.0149, 5.0150, 5.0151, 5.0152, 5.0153, 5.0154, 5.0155, 5.0156, 5.0157, 5.0158, 5.0159, 5.0160, 5.0161, 5.0162, 5.0787, 5.0788.

Univ. of California ...*Riverside, California*, 1.0015, 1.0016, 1.0183, 1.0319, 1.0320, 1.0321, 1.0322, 1.0323, 1.0324, 1.0325, 1.0538, 1.0869, 1.0870, 1.0871, 2.0044, 2.0045, 2.1189, 3.0076, 3.0077, 4.0016, 4.0087, 4.0088, 4.0089, 4.0090, 4.0229, 4.0230, 4.0231, 4.0232, 4.0233, 4.0234, 4.0235, 4.0236, 4.0237, 4.0238, 4.0239, 4.0240, 4.0241, 4.0242, 4.0561, 4.0562, 4.0563, 4.0564, 4.0565, 4.0931, 4.0932, 4.1004, 4.1005, 4.1006, 4.1007, 5.0174, 5.0175.

Univ. of California ...*San Diego, California*, 1.0018, 1.0872, 1.0873, 2.0049, 2.0050, 2.0051, 2.0052, 2.0502, 2.0503, 2.0504, 2.0505, 2.0972, 2.1191, 2.1499, 5.0790.

Univ. of California ...*San Francisco, California*, 5.0179, 5.0180, 5.0181, 5.0182, 5.0791, 5.0792.

Univ. of California ...*Santa Barbara, California*, 2.1501, 2.1502, 4.0570.

Univ. of California ...*Los Alamos, New Mexico*, 5.0452, 5.0455, 5.0456, 5.0457, 5.0458, 5.0459, 5.0460, 5.0461, 5.0462, 5.0463, 5.0464, 5.0465, 5.0466, 5.0467, 5.0468, 5.0469, 5.0470, 5.0471, 5.0472, 5.0865, 5.0866, 5.0867.

Univ. of Chicago ...*Chicago, Illinois*, 3.0122, 4.0613, 5.0302, 5.0303, 5.0304, 5.0305, 5.0306, 5.0307, 5.0308, 5.0309, 5.0832, 5.0833, 5.0834.

Univ. of Cincinnati ...*Cincinnati, Ohio*, 1.0283, 1.0284, 1.0409, 1.0830, 2.0720, 2.0932, 2.1668, 2.1894, 3.0262, 4.0805, 5.0558, 5.0559.

Univ. of Colorado ...*Boulder, Colorado*, 1.0480, 1.0874, 1.0875, 2.0059, 2.1197, 2.1504, 2.1800, 5.0019, 5.0201, 5.0202.

Univ. of Colorado ...*Denver, Colorado*, 1.0187, 5.0206.

Univ. of Connecticut ...*Groton, Connecticut*, 2.0987.

Univ. of Connecticut ...*Storrs, Connecticut*, 1.0337, 2.0088, 2.0089, 2.0090, 2.0525, 2.0526, 2.0527, 2.0528, 2.0529, 2.0530, 2.0989, 2.1203, 2.1204, 2.1205, 2.1519, 2.1520, 2.1806, 2.1807, 3.0096, 3.0097, 3.0098, 4.0253, 4.0254, 4.0582, 4.1012.

Univ. of Connecticut ...*Torrington, Connecticut*, 2.1206.

Univ. of Dayton ...*Dayton, Ohio*, 2.0727.

Univ. of Delaware ...*Newark, Delaware*, 1.0338, 1.0441, 2.0990, 2.1210, 2.1211, 2.1212, 2.1213, 2.1214, 2.1521, 2.1522, 2.1808, 3.0099, 3.0100, 3.0364, 4.0255, 4.0256, 4.0936, 5.0223, 5.0224.

Univ. of Denver ...*Denver, Colorado*, 1.0481, 1.0688, 5.0207.

Univ. of Detroit ...*Detroit, Michigan*, 2.0633, 5.0405.

Univ. of Dundee ...*Dundee, Scotland, United Kingdom*, 5.0711.

Univ. of Florida ...*Gainesville, Florida*, 1.0694, 1.0695, 1.0877, 2.0097, 2.0098, 2.0099, 2.0100, 2.0101, 2.0102, 2.0103, 2.0544, 2.0545, 2.0884, 2.0994, 2.0995, 2.1228, 2.1229, 3.0003, 3.0049, 3.0108, 3.0109, 3.0110, 3.0366, 4.0094, 4.0095, 4.0263, 4.0264, 4.0265, 4.0266, 4.0267, 4.0268, 4.0269, 4.0588, 4.0589, 4.0941, 4.0942, 5.0031, 5.0244, 5.0245, 5.0246, 5.0811, 5.0812.

Univ. of Florida ...*Lake Alfred, Florida*, 1.0341, 2.1526.

Univ. of Georgia ...*Athens, Georgia*, 1.0879, 1.0880, 2.0112, 2.0113, 2.0551, 2.0552, 2.0553, 2.0554, 2.0997, 2.1232, 2.1815, 2.1816, 2.1817, 3.0111, 3.0112, 3.0113, 4.0025, 4.0097, 4.0098, 4.0597, 4.0598, 4.0599, 4.1016, 5.0032, 5.0033, 5.0256, 5.0257, 5.0258, 5.0259, 5.0260, 5.0816, 6.0080.

Univ. of Georgia ...*Sapelo Island, Georgia*, 2.0116, 2.0539, 2.1000, 2.1537.

Univ. of Guam ...*Agana, Guam*, 2.1538.

Univ. of Guelph ...*Guelph, Ontario, Canada*, 1.0326.

Univ. of Hawaii ...*Honolulu, Hawaii*, 1.0045, 2.0118, 2.0562, 2.0563, 2.0564, 2.0565, 2.0566, 2.1239, 2.1539, 2.1540, 2.1541, 3.0117, 4.0027, 4.0101, 4.0297, 4.0298, 4.0299, 4.0605, 4.0606, 4.0607, 4.0608.

Univ. of Houston ...*Houston, Texas*, 1.0846, 1.0847, 2.0822, 6.0113.

Univ. of Idaho ...*Moscow, Idaho*, 1.0343, 2.0119, 2.0571, 2.0572, 2.0573, 2.1241, 2.1542, 2.1543, 2.1544, 2.1545, 4.0102, 4.0103, 4.0104, 4.0300, 4.0301, 4.0302, 4.0609, 4.0610, 4.1023.

Univ. of Illinois ...*Chicago, Illinois*, 1.0488, 2.0578, 2.1003.

Univ. of Illinois ...*Urbana, Illinois*, 1.0050, 1.0051, 1.0052, 1.0202, 1.0347, 1.0348, 1.0443, 1.0554, 2.0131, 2.0132, 2.0133, 2.0134, 2.0135, 2.0580, 2.0581, 2.0893, 2.0894, 2.1010, 2.1011, 2.1012, 2.1255, 2.1256, 2.1257, 2.1258, 2.1259, 2.1260, 2.1261, 2.1262, 2.1263, 2.1264, 2.1548, 2.1827, 2.1828, 3.0006, 3.0131, 3.0132, 3.0133, 3.0134, 3.0135, 4.0030, 4.0031, 4.0032, 4.0103, 4.0106, 4.0303, 4.0304, 4.0614, 4.0943, 4.0944, 4.0945, 5.0317, 5.0318, 6.0030, 6.0081, 6.0082.

Univ. of Iowa ...*Iowa City, Iowa*, 1.0703, 2.0150, 2.1318, 2.1019, 2.1020, 2.1021.

Univ. of Kansas ...*Kansas City, Kansas*, 5.0332, 5.0333.

Univ. of Kansas ...*Lawrence, Kansas*, 2.0155, 2.0590, 2.0591, 2.0592, 2.0593, 2.1024, 2.1025, 2.1273, 2.1274, 2.1275, 2.1557, 2.1833, 2.1834, 5.0334.

Univ. of Kentucky ...*Lexington, Kentucky*, 1.0349, 2.0160, 2.0161, 2.0598, 2.0599, 2.0600, 2.0601, 2.0899, 2.1028, 2.1280, 3.0150, 4.0034, 4.0114, 4.0327, 4.0328, 4.0623, 4.1034, 4.1035, 4.1036.

Univ. of Louisville ...*Louisville, Kentucky*, 2.0162, 2.1835, 5.0038, 5.0337, 5.0847.

Univ. of Maine ...*Orono, Maine*, 1.0058, 1.0350, 2.0165, 2.0166, 2.0167, 2.0607, 2.0608, 2.0900, 2.1030, 2.1031, 2.1285, 2.1836, 2.1837, 3.0155, 3.0156, 3.0157, 3.0158, 3.0376, 4.0116, 4.0334, 4.0335, 4.0336, 4.0337, 4.0632, 4.0633, 4.0952.

Univ. of Maine ...*Portland, Maine*, 2.1838.

Univ. of Maine ...*Walpole, Maine*, 2.0168, 2.0609, 2.1569, 2.1570.

Univ. of Manitoba ...*Winnipeg, Manitoba, Canada*, 2.1196, 5.0198, 5.0199.

Univ. of Maryland ...*Baltimore, Maryland*, 1.0209, 5.0354.

Univ. of Maryland ...*College Park, Maryland*, 1.0354, 1.0712, 2.0171, 2.0172, 2.0173, 2.0174, 2.0904, 2.0905, 2.1036, 2.1037, 2.1287, 2.1288, 2.1289, 2.1290, 2.1291, 2.1573, 2.1574, 2.1575, 2.1576, 2.1577, 2.1578, 2.1840, 3.0164, 3.0165, 3.0166, 3.0167, 4.0343, 4.0344, 4.0345, 4.0346, 4.0347, 4.0348, 4.0349, 4.0350, 4.0351, 4.0352, 4.0353, 4.0354, 4.0648, 4.0649, 4.0650, 4.0958, 4.1042.

Univ. of Massachusetts ...*Amherst, Massachusetts*, 1.0356, 1.0357, 1.0563, 2.0176, 2.0177, 2.0178, 2.0906, 2.1039, 2.1040, 2.1294, 2.1841, 2.1842, 2.1843, 2.1844, 3.0168, 4.0122, 4.0123, 4.0124, 4.0355, 4.0653, 4.0654, 4.0959, 4.1043, 5.0375.

Univ. of Miami ...*Miami, Florida*, 1.0041, 1.0696, 2.0104, 2.0547, 2.0548, 2.1527, 2.1528, 2.1529, 2.1530, 2.1531, 2.1532, 4.0022, 4.0592, 4.0593, 5.0247, 5.0813.

Univ. of Michigan ...*Ann Arbor, Michigan*, 1.0065, 1.0216, 1.0582, 1.0583, 1.0584, 1.0723, 1.0724, 1.0725, 2.0191, 2.0192, 2.0193, 2.0194, 2.0195, 2.0625, 2.0626, 2.0627, 2.0628, 2.0629, 2.0630, 2.0631, 2.0632, 2.0913, 2.0914, 2.1044, 2.1588, 2.1589, 2.1851, 2.1852, 2.1853, 2.1854, 3.0179, 3.0180, 4.0662, 5.0402, 5.0403, 5.0404.

Univ. of Minnesota ...*Crookston, Minnesota*, 3.0191.

Univ. of Minnesota ...*Minneapolis, Minnesota*, 1.0359, 1.0730, 1.0731, 1.0732, 1.0893, 2.0205, 2.0206, 2.0207, 2.0208, 2.0640, 2.0641, 2.0642, 2.0643, 2.0644, 2.0645, 2.0646, 2.0647, 2.1048, 2.1049, 2.1050, 2.1051, 2.1311, 2.1312, 2.1313, 2.1599, 2.1600, 2.1601, 2.1857, 2.1858, 3.0192, 4.0043, 5.0413, 6.0090.

Univ. of Minnesota ...*Saint Paul, Minnesota*, 1.0067, 1.0360, 1.0734, 2.1314, 2.1604, 2.1605, 2.1606, 2.1859, 2.1860, 3.0193, 3.0195, 3.0196, 3.0197, 3.0198, 4.0129, 4.0130, 4.0366, 4.0367, 4.0368, 4.0369, 4.0370, 4.0681, 4.0682, 4.0683, 4.0684.

Univ. of Mississippi ...*University, Mississippi*, 3.0383.

Univ. of Missouri ...*Columbia, Missouri*, 1.0217, 2.0220, 2.0221, 2.0222, 2.0223, 2.0656, 2.0657, 2.0658, 2.0915, 2.1319, 2.1320, 2.1616, 2.1617, 2.1618, 2.1619, 3.0203, 3.0204, 4.0050, 4.0138, 4.0139, 4.0140, 4.0389, 4.0390, 4.0391, 4.0742, 4.0743, 4.0962, 4.0963, 4.1063, 4.1064, 4.1065, 4.1066, 5.0414, 5.0415.

Univ. of Missouri ...*Kansas City, Missouri*, 4.0051.

Univ. of Missouri ...*Rolla, Missouri*, 1.0447, 1.0735, 2.0225, 2.0226, 2.0227, 2.0228, 2.0660, 2.1322, 2.1323, 2.1324, 2.1325, 2.1326, 2.1327, 2.1328, 2.1626, 2.1627, 2.1628, 3.0387, 4.0141.

Univ. of Missouri ...*Saint Louis, Missouri*, 1.0894.

Univ. of Montana ...*Missoula, Montana*, 1.0363, 1.0364, 2.0234, 2.0235, 2.0662, 2.0663, 2.1631, 2.1632, 2.1863, 4.0752.

Univ. of Montreal ...*Montreal, Quebec, Canada*, 1.0019, 1.0185, 1.0682, 4.0572, 5.0191, 5.0798.

Univ. of Nebraska ...*Lincoln, Nebraska*, 2.0237, 2.0238, 2.0239, 2.0240, 2.0241, 2.0242, 2.0665, 2.0917, 2.1053, 2.1635, 3.0008, 3.0009, 3.0210, 3.0211, 3.0212, 3.0213, 3.0388, 3.0389, 4.0142, 4.0757, 4.0758, 5.0418, 6.0037, 6.0038, 6.0079.

Univ. of Nebraska ...*Omaha, Nebraska*, 1.0219.

Univ. of Nevada ...*Las Vegas, Nevada*, 2.1166.

Univ. of Nevada ...*Reno, Nevada*, 1.0072, 1.0073, 2.0243, 2.0244, 2.1054, 2.1636, 2.1867, 4.0052, 4.0143, 4.0395, 4.0759, 4.1070, 4.1071, 4.1072, 4.1073, 5.0422.

Univ. of New Hampshire ...*Durham, New Hampshire*, 2.0245, 2.0246, 2.0668, 2.0669, 2.0670, 2.0671, 2.0672, 2.1331, 2.1869.

Univ. of New Mexico ...*Albuquerque, New Mexico*, 2.1874, 5.0451, 5.0452, 5.0453.

Univ. of North Carolina ...*Chapel Hill, North Carolina*, 1.0496, 2.0285, 2.0286, 2.0287, 2.0706, 2.0707, 2.1069, 2.1657, 2.1658, 2.1886, 3.0291, 5.0542, 5.0543, 5.0544, 5.0545, 5.0546, 5.0547, 5.0548, 5.0549, 5.0901.

Univ. of North Carolina ...*Greensboro, North Carolina*, 4.0422.

Univ. of North Carolina ...*Raleigh, North Carolina*, 2.0290, 2.0291, 2.0292, 2.0293, 2.0294, 2.0295, 2.0712, 2.1070, 2.1071, 2.1072, 2.1073, 2.1074, 2.1357, 2.1358, 2.1359, 2.1661, 2.1662, 2.1663, 2.1890, 2.1891, 2.1892, 3.0252, 3.0253, 3.0254, 3.0255, 3.0393, 3.0394, 3.0395, 4.0059, 4.0060, 4.0061, 4.0154, 4.0155, 4.0156, 4.0157, 4.0423, 4.0424, 4.0425, 4.0426, 4.0427, 4.0429, 4.0429, 4.0430, 4.0431, 4.0432, 4.0797, 4.0798, 4.0799, 4.0807, 4.0970, 4.0971, 4.0972, 4.1088, 4.1089, 4.1090, 4.1091, 4.1092, 5.0554, 5.0555.

Univ. of North Dakota ...*Grand Forks, North Dakota*, 2.0298, 2.0299, 2.1667.

Univ. of Notre Dame ...*Notre Dame, Indiana*, 1.0204, 1.0886, 2.0142, 2.1267, 2.1268, 5.0324, 5.0325.

Univ. of Oklahoma ...*Norman, Oklahoma*, 1.0128, 2.1383, 3.0271.

Univ. of Oklahoma ...*Oklahoma City, Oklahoma*, 1.0287, 5.0574, 5.0575.

Univ. of Oregon ...*Eugene, Oregon*, 1.0624, 2.1901, 5.0578.

Univ. of Pennsylvania ...*Philadelphia, Pennsylvania*, 1.0289, 1.0911, 2.1905, 2.1906, 3.0291, 5.0588, 6.0107.

Univ. of Pittsburgh ...*Pittsburgh, Pennsylvania*, 1.0135, 1.0290, 1.0291, 1.0292, 5.0589, 5.0590, 5.0591, 5.0592, 5.0593, 5.0914, 6.0108.

Univ. of Puerto Rico ...*Mayaguez, Puerto Rico*, 1.0420, 2.0767, 2.1409, 3.0300, 4.0169, 4.0170, 4.0470, 4.0471, 4.0472, 4.1107.

Univ. of Rhode Island ...*Kingston, Rhode Island*, 1.0137, 1.0138, 2.0352, 2.0353, 2.0354, 2.0769, 2.0770, 2.0771, 2.0772, 2.0773, 2.0774, 2.0775, 2.0776, 2.0777, 2.0778, 2.0779, 2.0780, 2.0939, 2.1091, 2.1092, 2.1093, 2.1410, 2.1411, 2.1412, 2.1692, 2.1693, 2.1694, 2.1695, 2.1698, 2.1910, 2.1911, 3.0307, 4.0065, 4.0171, 4.0172, 4.0839, 4.0983, 5.0603.

Univ. of Rochester ...*Rochester, New York*, 1.0235, 1.0236, 1.0237, 1.0382, 1.0598, 1.0899, 1.0900, 2.0701, 4.0779, 5.0490, 5.0497, 5.0498, 5.0499, 5.0500, 5.0501, 5.0502, 5.0503, 5.0504, 5.0505, 5.0506, 5.0507, 5.0508, 5.0509, 5.0510, 5.0884, 5.0885, 5.0886, 5.0887, 5.0888, 5.0889, 6.0098.

Univ. of Santa Clara ...*Santa Clara, California*, 1.0539.

Univ. of Saskatchewan ...*Saskatoon, Saskatchewan, Canada*, 3.0083, 4.0935.

Univ. of South Alabama ...*Mobile, Alabama*, 2.0803.

Univ. of South Carolina ...*Columbia, South Carolina*, 2.1709, 2.1915, 5.0605.

Univ. of South Dakota ...*Vermillion, South Dakota*, 1.0421, 5.0606, 5.0607.

Univ. of South Florida ...*Tampa, Florida*, 2.0108.

Univ. of Southern California ...*Los Angeles, California*, 1.0179, 1.0180, 1.0317, 1.0476, 2.0493, 2.1181, 2.1493, 2.1794, 5.0163, 5.0164, 6.0068.

Univ. of Southern Mississippi ...*Hattiesburg, Mississippi*, 2.1607, 2.1608.

Univ. of Sydney ...*Sydney, Australia*, 1.0169.

Univ. of Technology ...*Leicestershire, England, United Kingdom*, 1.0150.

Univ. of Tennessee ...*Knoxville, Tennessee*, 1.0294, 1.0914, 2.0369, 2.0801, 2.0946, 2.1098, 2.1418, 2.1717, 2.1916, 3.0316, 3.0317, 4.0068, 4.0177, 4.0178, 4.0179, 4.0481, 4.0482, 4.0849, 4.0850, 4.0851, 4.1117, 4.1114, 5.0611, 5.0612, 5.0613, 5.0614, 5.0615, 5.0616, 5.0617, 5.0618, 5.0619, 5.0620, 5.0621, 6.0018.

Univ. of Tennessee ...*Memphis, Tennessee*, 5.0623, 5.0920.

Univ. of Tennessee ...*Oak Ridge, Tennessee*, 5.0077, 5.0078, 5.0656, 5.0657, 5.0658, 5.0659, 5.0660, 5.0661, 5.0662, 5.0663, 5.0664, 5.0665, 5.0666, 5.0667, 5.0668, 5.0669, 5.0670, 5.0671, 5.0672, 5.0673, 5.0674, 5.0675, 5.0676, 5.0941.

Univ. of Texas ...*Arlington, Texas*, 2.0807, 2.1420, 2.1724.

Univ. of Texas ...*Austin, Texas*, 1.0651, 1.0915, 2.0377, 2.0817, 2.0813, 2.0814, 2.0815, 2.1106, 2.1107, 2.1108, 2.1422, 2.1423, 3.0400, 4.0986, 5.0677, 5.0678, 5.0679.

Univ. of Texas ...*Dallas, Texas*, 5.0683, 5.0684, 5.0685.

Univ. of Texas ...*Galveston, Texas*, 2.1429.

Univ. of Texas ...*Houston, Texas*, 5.0693, 5.0694, 5.0695, 5.0696.

Univ. of Texas ...*Port Aransas, Texas*, 2.0823.

Univ. of the Pacific ...*Dillon Beach, California*, 2.0489.

Univ. of the Philippines ...*Quezon City, Philippines*, 5.0597.

Univ. of Tokyo ...*Tokyo, Japan*, 5.0531, 5.0844.

Univ. of Toronto ...*Toronto, Ontario, Canada*, 1.0020, 1.0186, 2.0057, 2.0507, 2.1799, 3.0021, 4.0573, 4.0934, 5.0194, 5.0195, 5.0196.

Univ. of Tulsa ...*Tulsa, Oklahoma*, 2.1083.

Univ. of Udaipur ...*Udaipur, Rajasthan, India*, 2.1549.

Univ. of Utah ...*Salt Lake City, Utah*, 1.0153, 1.0154, 1.0155, 1.0429, 1.0430, 2.0403, 2.1738, 5.0081, 5.0718, 5.0719, 5.0720, 5.0721, 5.0722, 5.0723, 5.0724, 5.0725, 5.0726, 5.0727, 5.0931, 5.0932, 5.0933, 5.0954.

Univ. of Vermont ...*Burlington, Vermont*, 2.0404, 2.0405, 2.0828, 2.1437, 2.1739, 2.1921, 2.1922, 4.0072, 4.0497, 4.0498, 4.0499, 4.0500.

Univ. of Virginia ...*Charlottesville, Virginia*, 1.0916, 1.0917, 5.0729.

Univ. of Washington ...*Seattle, Washington*, 1.0161, 1.0162, 1.0163, 1.0164, 1.0304, 1.0432, 1.0433, 1.0857, 1.0856, 2.0423, 2.0424, 2.0425, 2.0426, 2.0427, 2.0428, 2.0429, 2.0847, 2.0848, 2.0849, 2.0956, 2.0957, 2.1127, 2.1128, 2.1129, 2.1130, 2.1447, 2.1448, 2.1765, 2.1766, 2.1767, 2.1768, 2.1929, 3.0403, 4.0197, 4.0962, 5.0087, 5.0088, 5.0759, 5.0760, 5.0761, 5.0762, 5.0763, 6.0053, 6.0119.

Univ. of Waterloo ...*Waterloo, Ontario, Canada*, 3.0088, 5.0197.

Univ. of West Florida ...*Pensacola, Florida*, 4.0023.

Univ. of Western Australia ...*Nedlands, Western Australia, Australia*, 2.0026.

Univ. of Western Ontario ...*London, Ontario, Canada*, 1.0680, 5.0190, 5.0796.

Univ. of Wisconsin ...*Green Bay, Wisconsin*, 2.0853.

Univ. of Wisconsin ...*Madison, Wisconsin*, 1.0166, 1.0167, 1.0305, 1.0434, 1.0435, 1.0436, 1.0437, 1.0859, 2.0436, 2.0437, 2.0438, 2.0439, 2.0440, 2.0441, 2.0442, 2.0443, 2.0444, 2.0445, 2.0446, 2.0447, 2.0448, 2.0449, 2.0450, 2.0451, 2.0452, 2.0453, 2.0454, 2.0857, 2.0858, 2.0859, 2.0860, 2.0861, 2.0862, 2.0863, 2.0864, 2.0865, 2.0866, 2.1134, 2.1135, 2.1136, 2.1137, 2.1138, 2.1457, 2.1458, 2.1459, 2.1460, 2.1461, 2.1779, 2.1780, 2.1781, 2.1930, 2.1931, 2.1932, 2.1933, 2.1934, 2.1935, 2.1936, 2.1937, 2.1938, 2.1939, 3.0044, 3.0045, 3.0347, 3.0348, 3.0349, 3.0350, 3.0351, 3.0352, 3.0407, 4.0075, 4.0076, 4.0198, 4.0199, 4.0200, 4.0514, 4.0515, 4.0516, 4.0517, 4.0518, 4.0519, 4.0520, 4.0909, 4.0910, 4.0911, 4.0912, 4.0913, 4.0916, 4.0915, 4.0916, 4.0917, 4.0995, 4.0996, 4.1131, 4.1132, 4.1133, 5.0089, 5.0764, 5.0765, 5.0766, 5.0767, 5.0964.

Univ. of Wisconsin ...*Milwaukee, Wisconsin*, 2.0457, 2.0867.

Univ. of Wisconsin ...*Oshkosh, Wisconsin*, 2.0451, 2.1139.

Univ. of Wisconsin ...*Superior, Wisconsin*, 2.0459.

Univ. of Wisconsin ...*Wausau, Wisconsin*, 3.0356.

Univ. of Wisconsin ...*Whitewater, Wisconsin*, 2.0868.

Univ. of Wyoming ...*Laramie, Wyoming*, 1.0438, 1.0860, 2.0869, 2.1160, 2.1784, 2.1940, 2.1941, 4.0201, 4.0521, 4.0522, 4.0523, 4.0524, 4.0525, 4.0526, 4.0527, 4.0997.

Univ. of Zagreb ...*Zagreb, Yugoslavia*, 4.0921.

Univ. Wien ...*Vienna, Austria*, 1.0669.

Unknown Inst. or Indiv. Grant ...*District of Columbia*, 6.0027.

Unknown Inst. or Indiv. Grant ...*Florida*, 2.0542, 2.0883.

Unknown Inst. or Indiv. Grant ...*New York*, 1.0896, 2.1875.

Utah State University ...*Logan, Utah*, 1.0152, 1.0426, 1.0427, 1.0428, 2.0395, 2.0396, 2.0397, 2.0398, 2.0399, 2.0400, 2.0401, 2.1112, 2.1113, 2.1114, 2.1436, 2.1737, 3.0043, 4.0187, 4.0495, 4.0496, 4.0875, 4.0876, 4.0877, 4.0878, 4.0879, 4.0880, 4.0881, 4.0882, 4.0883, 5.0716, 5.0717, 5.0950.

Uttar Pradesh Agric Univ ...*Saimtal, Uttar Pradesh, India*, 4.0305.

Vanderbilt University ...*Nashville, Tennessee*, 2.0370, 2.0371, 2.0372, 2.0804, 2.0805, 2.0806, 2.0947, 2.1099, 2.1100, 2.1101, 2.1102, 2.1103, 2.1419, 4.0853, 5.0624, 5.0625, 5.0921.

Vernadsky Inst. of Geochem ...*Moscow, Union of Soviet Soc Republics*, 5.0080.

Victoria Rivers & Water Comm ...*Armadale, Victoria, Australia*, 2.0873.

Victoria Univ. of Manchester ...*Manchester, England, United Kingdom*, 1.0849.

Virginia Commonwealth Univ ...*Richmond, Virginia*, 1.0853, 2.0834, 6.0118.

Virginia Inst. of Marine Sci ...*Gloucester, Virginia*, 2.1748.

Virginia Inst. of Marine Sci ...*Gloucester Point, Virginia*, 2.0411, 2.1122, 2.1123, 2.1124.

Virginia Polytechnic Institute ...*Blacksburg, Virginia*, 2.0408, 2.0409, 2.0410, 2.0830, 2.0831, 2.0949, 2.0950, 2.1118, 2.1119, 2.1120, 2.1121, 2.1440, 2.1441, 2.1442, 2.1742, 2.1743, 2.1744, 2.1745, 2.1746, 2.1747, 2.1925, 2.1926, 3.0329, 3.0330, 3.0331, 4.0188, 4.0189, 4.0190, 4.0501, 4.0502, 4.0884, 4.0885, 4.0886, 4.0989, 4.0990, 4.1126.

Volcani Inst. of Agric Res ...*Bet Dagan, Israel*, 4.0112.

Volcani Inst. of Agric Res ...*Rehovoth, Israel*, 4.0621.

Wake Forest University ...*Winston Salem, North Carolina*, 1.0281, 5.0556.

Worl Institute Incorporated ...*Madison, Wisconsin*, 4.0918.

Washington State University ...*Pullman, Washington*, 1.0156, 1.0157, 1.0431, 1.0854, 2.0412, 2.0413, 2.0840, 2.0841, 2.0842, 2.0843, 2.1125, 2.1126, 2.1927, 2.1928, 3.0337, 3.0338, 4.0192, 4.0193, 4.0194, 4.0195, 4.0196, 4.0504, 4.0505, 4.0506, 4.0507, 4.0508, 4.0509, 4.0510, 4.0511, 4.0895, 4.0896, 4.0897, 4.0898, 4.0899, 4.0900, 4.0992, 4.1128, 4.1129, 5.0731, 5.0732, 5.0733, 5.0734.

PERFORMING ORGANIZATION INDEX

Washington University ...*Saint Louis, Missouri*, 5.0416, 5.0417, 5.0860, 6.0093.
Water Pollution Res. & Appl. ...*Washington, District of Columbia*, 2.1224.
Water Pollution Research Lab. ...*Herts, England, United Kingdom*, 2.0827.
Water Resources Engineers Inc. ...*Walnut Creek, California*, 2.1798.
Watermelon & Grape Inves. Lab. ...*Leesburg, Florida*, 4.0279, 4.0280.
Wayne State University ...*Detroit, Michigan*, 5.0049.
Weber State College ...*Ogden, Utah*, 5.0056.
Wellesley College ...*Wellesley, Massachusetts*, 2.0912.
West Tenn. Experiment Station ...*Jackson, Tennessee*, 4.0479, 4.0480.
West Va. University ...*Morgantown, West Virginia*, 1.0663, 2.0430, 2.0431, 2.0432, 2.0433, 2.0434, 2.0452, 2.1451, 2.1452, 2.1453, 2.1771, 2.1772, 2.1773, 2.1774, 2.1775, 2.1776, 3.0342, 3.0343, 3.0405, 3.0406, 4.0512, 4.0513.
Western Company ...*Richardson, Texas*, 2.1432, 2.1433, 2.1434.
Western Kentucky University ...*Bowling Green, Kentucky*, 2.0596.
Western Michigan University ...*Kalamazoo, Michigan*, 2.0201.
Western N.Y. Nucl. Res. Center ...*Buffalo, New York*, 2.0259.
Western Wash. State College ...*Bellingham, Washington*, 2.1749.
Westinghouse Electric Corp. ...*San Diego, California*, 2.0053.
Westinghouse Electric Corp. ...*Richland, Washington*, 2.1759, 2.1760.
Westvaco Corporation ...*Charleston, South Carolina*, 1.0645.
Whittaker Corporation ...*Waltham, Massachusetts*, 5.0399.
Whyco Chromium Company Inc. ...*Thomaston, Connecticut*, 5.0804.
Wichita State University ...*Wichita, Kansas*, 5.0355.
Widmers Wine Cellars Inc. ...*Naples, New York*, 2.1349.
Winchester Research Laboratory ...*Winchester, Virginia*, 4.0503.
Winona State College ...*Winona, Minnesota*, 2.0648.
Winter Garden Cit. Prod. Coop. ...*Winter Garden, Florida*, 3.0367.
Woods Hole Oceanographic Inst. ...*Woods Hole, Massachusetts*, 2.0187, 2.0188, 2.0620, 2.0621, 2.0622, 2.1584, 2.1585, 2.1586, 3.0178.
Worcester Found. for Exp. Bio. ...*Shrewsbury, Massachusetts*, 5.0396, 5.0397.
Worcester Polytechnic Inst. ...*Worcester, Massachusetts*, 1.0567, 1.0568, 1.0569, 1.0722.
World Health Organization ...*Geneva, Switzerland*, 4.0848.
Wyle Laboratories ...*Huntsville, Alabama*, 6.0001.
Wyle Laboratories ...*El Segundo, California*, 6.0004, 6.0023.
Yale University ...*New Haven, Connecticut*, 1.0335, 1.0336, 1.0689, 1.0690, 2.0087, 2.1518, 5.0212, 5.0213, 5.0214, 5.0215, 6.0055.
Yeshiva University ...*Bronx, New York*, 1.0222, 5.0474, 5.0475.
Zurn Environmental Engineers ...*Washington, District of Columbia*, 2.1225.

SUPPORTING AGENCY INDEX

Abu Dhabi Government
2.1157.
Alabama State Government
2.0006, 2.1147, 2.1471, 2.1785, 3.0046, 3.0060, 3.0358, 3.0359, 4.0004, 4.0077, 4.0078, 4.0203, 4.0205, 4.0206, 4.0209, 4.0530, 5.0090.
Allied Chemical Corporation
2.1064.
Amer. Assn. for the Advancement of Sci.
2.1555.
Amer. Cancer Society Inc. - New York, N.Y.
1.0233, 5.0383.
Amer. Chemical Society - Washington, D.C.
2.0056.
Amer. Heart Assn. Inc. - New York, N.Y.
5.0475.
Amer. Med. Assn. Educ. & Res. Foundation
1.0171, 1.0187, 1.0199.
Amer. Mus. of Natl. Hist. - New York, N.Y.
3.0053.
Amer. Petroleum Institute
2.0845, 2.0955.
Ames City Government - Iowa
2.1269.
Appalachian Regional Commission
2.1396, 2.1398.
Aquaval Society - France
2.0885.
Arizona State Government
2.0017, 2.0475, 2.1156, 4.0082, 4.0213, 4.0536, 4.0925.
Arkansas State Government
2.0480, 3.0002.
Arkansas State University
2.0024, 2.1484, 3.0013.
Australian Government
2.0025, 2.0026, 2.0482, 2.0483, 2.0484, 2.1161, 4.0011.
Australian National University
2.0485, 2.0873, 2.1485.
Baylor University
2.0390, 2.0826.
Bergen County Heart Assn. - New Jersey
1.0220.
Bethlehem Steel Corporation
2.1051.
Boxboard Research & Development Assn.
2.1244.
California State Government - Sacramento
1.0175, 1.0319, 1.0323, 2.0047, 2.0048, 2.0491, 2.0495, 3.0065, 4.0016, 4.0088, 4.0089, 4.0229, 4.0230, 4.0231, 4.0233, 4.0235, 4.0236, 4.0237, 4.0238, 4.0239, 4.0241, 4.0546, 4.0549, 4.0552, 4.0557, 4.0561, 4.0562, 4.0563, 4.0564, 4.0927, 4.1004, 4.1006, 5.0118, 5.0774.
Canadian Government - Ottawa
1.0019, 1.0184, 1.0185, 1.0186, 1.0680, 1.0681, 1.0682, 2.0054, 2.0055, 2.0506, 2.0976, 2.1195, 2.1503, 3.0021, 3.0083, 3.0085, 3.0086, 3.0087, 3.0088, 3.0089, 3.0090, 4.0572, 4.0573, 4.0933, 4.0934, 5.0185, 5.0191, 5.0193, 5.0194, 5.0195, 5.0196, 5.0197, 5.0198, 5.0199, 5.0714, 5.0796, 5.0797, 5.0798.
Carolina Power & Light Co. - Raleigh, N.C.
2.1664.
Chelan County Government - Washington
2.0841.
Chicago City Government - Illinois
2.1548.
Clark County Government - Washington
2.1755.
Cleveland Cliffs Iron Company - Michigan
3.0029.
Coastal Plains Regional Commission
2.0795, 2.1889.
Colorado State Government
1.0482, 2.0077, 2.0080, 2.0522, 2.0985, 2.1513, 2.1805, 3.0092, 4.0250, 4.1010.
Connecticut State Government
1.0334, 1.0336, 1.0337, 1.0440, 1.0690, 2.0083, 2.0084, 2.0085, 2.0088, 2.0367, 2.0523, 2.1203, 2.1208, 3.0094, 3.0095, 4.0076, 4.0253, 4.0254, 4.1011.
Cotton Incorporated - Raleigh, N.C.
4.0068, 4.0097, 4.0232, 4.0242, 4.0387, 4.0565.
Council for Tobacco Res. - New York, N.Y.
1.0172, 1.0179, 1.0299, 4.0422.
Dames & Smith Limited
3.0082.
Damon Runyon Cancer Research Fund - N.Y.
5.0491.
Decatur City Government - Illinois
2.1255.
Delaware River Basin Comm. - Washington
2.0678, 2.0755, 2.1340, 2.1408, 2.1644, 2.1873, 2.1884.
Delaware State Government
2.1214, 3.0364.
Detroit Edison Company
1.0554.
Duke Power Company - Charlotte, N.C.
2.0286, 2.1657.
Edison Electric Institute - New York, N.Y.
2.1572.
Essex County Heart Assn. - New Jersey
5.0424.
Ethyl Corporation - Richmond, Va.
1.0051.
Field Foundation Inc. - New York, N.Y.
4.0571.
Fight for Sight Incorporated
5.0377.
Florida Power Corporation
2.0685.
Florida State Government - Tallahassee
1.0340, 1.0342, 2.0097, 2.0106, 2.0107, 2.0543, 2.0544, 2.0995, 2.0996, 2.1227, 2.1228, 2.1229, 3.0003, 3.0108, 4.0096, 4.0258, 4.0259, 4.0260, 4.0261, 4.0262, 4.0263, 4.0264, 4.0265, 4.0269, 4.0270, 4.0271, 4.0272, 4.0273, 4.0274, 4.0275, 4.0276, 4.0277, 4.0278, 4.0279, 4.0280, 4.0281, 4.0282, 4.0283, 4.0284, 4.0585, 4.0586, 4.0942.
Ford Foundation - New York, N.Y.
1.0493, 1.0494, 1.0717, 2.1868, 2.1882, 2.1906, 3.0079, 3.0084, 3.0176.
French Government
2.0110, 6.0029.
Georgia Heart Association
1.0195.
Georgia Institute of Technology
1.0042, 2.0887, 2.1233, 2.1236, 3.0115.
Georgia State Government
2.0113, 2.1537, 3.0004, 3.0111, 3.0112, 3.0113, 4.0285, 4.0286, 4.0290, 4.0291, 4.0292, 4.0294, 4.0599, 4.0601, 5.0256.
Great Western Sugar Company
4.0246, 4.0251.
Hawaii State Government
4.0297, 4.0606, 4.0607.
Hercules Incorporated - Wilmington, Del.
2.0116.
Idaho State Government
2.0573, 2.1241, 4.0103, 4.0104, 4.0300, 4.0609.
Illinois State Government - Springfield
1.0346, 1.0553, 2.0128, 2.0129, 2.0130, 2.0579, 2.0892, 2.1006, 2.1007, 2.1009, 2.1250, 2.1251, 2.1252, 2.1253, 2.1254, 2.1823, 2.1824, 2.1825, 2.1826, 3.0050, 3.0129, 3.0130, 3.0131, 4.0105, 5.0318.
Indiana State Government
2.0141, 3.0138, 3.0171, 4.0108, 4.0110, 4.0307, 4.0615.

SUPPORTING AGENCY INDEX

Indiana University - Bloomington
2.0582, 2.1552.

Intl. Atomic Energy Agency - Austria
1.0698, 2.0014, 2.0027, 2.0028, 2.0094, 2.0095, 2.0136, 2.0152, 2.0153, 2.0154, 2.0278, 2.0368, 2.0392, 2.0393, 2.0460, 2.0568, 2.0666, 2.0827, 2.1110, 3.0137, 3.0151, 4.0312, 4.0493, 4.0494, 4.0998, 4.1112, 5.0002, 5.0018, 5.0026, 5.0034, 5.0066, 5.0068, 5.0080, 5.0098, 5.0099, 5.0102, 5.0103, 5.0104, 5.0200, 5.0220, 5.0221, 5.0222, 5.0264, 5.0265, 5.0266, 5.0267, 5.0268, 5.0319, 5.0328, 5.0330, 5.0331, 5.0419, 5.0532, 5.0533, 5.0597, 5.0598, 5.0601, 5.0602, 5.0608, 5.0609, 5.0610, 5.0656, 5.0665, 5.0708, 5.0709, 5.0711, 5.0712, 5.0715, 5.0728, 5.0731, 5.0771, 5.0772, 5.0793, 5.0805, 5.0806, 5.0839, 5.0843, 5.0844, 5.0916, 5.0917, 5.0918, 5.0938, 5.0949.

Iowa State Government - Des Moines
1.0055, 2.0143, 2.0144, 2.0145, 2.0146, 2.0148, 2.0149, 2.0586, 2.1272, 3.0145, 4.0111, 4.0310, 4.0620, 4.0946, 4.1029.

Iowa State University
2.0585, 2.0895.

Italian Government
1.0056.

Japan Public Highway Corporation
1.0704, 6.0031, 6.0034.

Japanese Government
6.0032, 6.0033.

John A. Hartford Found. Inc. - New York
5.0217, 5.0485.

John S. Guggenheim Memorial Foundation
1.0477, 4.0547.

Kansas State Government - Topeka
1.0559, 2.0155, 2.0156, 2.0591, 2.0592, 2.1273, 3.0146, 3.0148, 4.0313, 4.0314, 4.0317, 4.0319, 4.0321, 4.0322, 4.0323, 4.0324, 4.0325, 4.0326, 4.1030.

Keep American Beautiful Incorporated
3.0104.

Kent State University
2.0729, 2.0730, 2.0731, 2.0732, 2.0733, 2.1079.

Lenk Manufacturing Co. - Franklin, Ky.
2.0596.

Life Ins. Med. Res. Fund - Hartford, Conn.
1.0206.

Loire & Bretagne City Govt. - France
2.1535.

Louis W. & Maud Hill Family Found. - Minn.
2.0745.

Louisiana State Government
2.0163, 3.0153, 3.0374, 4.0115, 4.0331, 4.0332, 4.0950, 4.0951.

Macon City Government - Georgia
2.1234.

Maine State Government
2.0168, 2.1570, 3.0155, 3.0376.

Maine Yankee Atomic Power Company
2.0609.

Maryland State Government
2.1573, 3.0165, 3.0166, 4.0343, 4.0347, 4.0352, 4.0353, 4.0958.

Massachusetts Inst. of Tech. - Cambridge
2.1849, 2.1850.

Massachusetts State Government
2.0180.

Medical Research Council - Ottawa, Canada
5.0192.

Michigan State Government
1.0066, 2.0200, 2.1046, 3.0186, 3.0187, 4.0125, 4.0128, 4.0357, 4.0361, 4.0363, 4.0365, 4.0665, 4.0667, 4.0668, 4.0669, 4.0670, 4.0672, 4.1046.

Millsaps College
2.0211, 2.1609.

Minnesota State Government - Saint Paul
1.0360, 2.1603, 2.1606, 2.1859, 3.0197, 4.0366, 4.0370.

Mississippi Power & Light Co. - Jackson
2.1612.

Mississippi State Government
2.0649, 2.0650, 3.0199, 3.0200, 3.0201, 3.0383, 4.0135, 4.0136, 4.0371, 4.0372, 4.0373, 4.0377, 4.0378, 4.0379, 4.0380, 4.0381, 4.0382, 4.0383, 4.0384, 4.0385, 4.0386, 4.0388, 4.0686, 4.0690, 4.0691, 4.0692, 4.0693.

Missouri State Government
2.0224, 2.0659, 2.1622, 2.1623, 2.1624, 2.1625, 3.0205, 4.0962.

Montana State Government
3.0208, 4.0394, 4.0748, 4.0964, 4.1067.

National Association of Counties
3.0105.

National Geographic Society
2.1486.

National Multiple Sclerosis Society - N.Y.
5.0404.

National T B & Resp. Dis. Assn. - New York
1.0207.

Nebraska State Government
3.0211.

Nevada State Government
4.1073, 5.0422.

New Jersey State Government - Trenton
1.0367, 1.0368, 1.0372, 1.0590, 2.0248, 2.0250, 2.1642, 2.1871, 3.0010, 3.0217, 3.0218, 3.0219, 3.0221, 4.0145, 4.0147, 4.0396, 4.0397, 4.0398, 4.0399, 4.0400, 4.0401, 4.0403, 4.0760, 4.0761, 4.0967, 4.1075.

New Mexico State Government
4.0054.

New York State Government - Albany
2.0256, 2.0262, 2.0263, 2.0687, 2.1342, 3.0225, 3.0227, 3.0238, 3.0239, 4.0055, 4.0149, 4.0150, 4.0152, 4.0406, 4.0407, 4.0408, 4.0409, 4.0410, 4.0411, 4.0412, 4.0413, 4.0414, 4.0415, 4.0416, 4.0417, 4.0418, 4.0420, 4.0765, 4.0766, 4.0768, 4.0770, 4.0773, 4.1082, 5.0513.

No Formal Support Reported
1.0003, 1.0128, 1.0445, 1.0845, 2.0179, 2.0389, 2.0615, 2.0825, 2.0883, 2.0908, 2.1182, 2.1435, 2.1568, 2.1659, 2.1734, 2.1735, 2.1795, 2.1796, 2.1924, 3.0051, 3.0073, 6.0071.

North Carolina State Government - Raleigh
1.0619, 2.1072, 2.1500, 2.1658, 3.0253, 3.0395, 4.0428, 4.1090, 4.1091, 6.0062.

North Dakota State Government
2.1666, 3.0257, 4.0803.

Northeastern University
1.0715, 2.0181, 2.0616, 2.0909, 3.0170, 3.0171, 3.0172.

Ohio State Government
2.0308, 2.0309, 3.0033, 3.0266, 4.0437, 4.0441, 4.0442, 4.0444, 4.0806, 4.0809, 4.0973, 5.0063, 5.0064.

Ohio State University
2.0300, 2.0725.

Oklahoma State Government
3.0273, 4.0161, 4.0446, 4.0447.

Ontario Cancer Treatment & Research Found.
5.0186, 5.0187, 5.0188, 5.0189, 5.0794, 5.0795.

Oregon State Government
1.0288, 1.0623, 1.0837, 2.0322, 2.0324, 2.0329, 2.0330, 2.0746, 2.0747, 2.1676, 2.1680, 2.1681, 2.1684, 2.1687, 2.1899, 3.0036, 3.0277, 3.0278, 3.0279, 3.0280, 3.0281, 3.0284, 3.0285, 4.0163, 4.0451, 4.0454, 4.0455, 4.0456, 4.0458, 4.0819, 4.0820, 4.0824, 4.0826, 4.0828, 4.0829, 4.0978.

Osaka City University
3.0323.

Pennsylvania State Government
2.0340, 2.0341, 2.0348, 2.0751, 2.0752, 2.0753, 2.0761, 2.0937, 2.0938, 2.1248, 3.0294, 3.0297, 3.0301, 3.0303, 4.0459, 4.0460, 4.0462, 4.0466.

Pennsylvania State University
2.0350, 2.0764, 2.0766, 3.0302.

Puerto Rican Government
3.0306, 4.0471.

Purdue University - Lafayette, Ind.
1.0885, 2.0583, 3.0139, 3.0370.

Research Corporation - New York, N.Y.
2.1888, 5.0037, 5.0190, 5.0201.

Resources for Future Inc. - Wash., D.C.
1.0289, 1.0443, 1.0473, 1.0531, 2.1811, 2.1905, 6.0060.

Rhode Island State Government
2.0771, 2.0776, 2.1911.

Rhodesian Govt. - Salisbury, Rhodesia
2.0975.

Robert A. Welch Foundation
5.0687.

Rockefeller Foundation - New York, N.Y.
1.0492, 2.0212, 2.1305, 2.1689, 2.1810, 2.1853.

Russell Sage Foundation - New York, N.Y
6.0061.

Sacramento State College - Calif.
2.0046.

Saint Paul City Government - Minnesota
2.1048.

Science Research Council
1.0150.

Smithsonian Institution
2.0058.

Soap & Detergent Association
3.0300.

South Carolina State Government
2.0793, 3.0310, 3.0311, 4.0173, 4.0476, 4.0477.

South Dakota State Government
3.0313, 4.0066, 4.0067, 4.0984.

Southern Illinois University
2.1819, 3.0119.

Stanford Research Institute - Menlo Park
2.0494.

SUPPORTING AGENCY INDEX

State University of New York - Albany
2.0271, 2.0272, 2.0274, 2.0697, 2.0700.
Swedish Government
1.0139, 3.0054, 3.0314, 6.0042, 6.0109, 6.0110.
Swiss Government
1.0140.
Tennessee State Government
4.0480, 5.0612, 5.0616, 5.0620.
Texas A. & M. University System
2.1920.
Texas Electric Service Company - Texas
2.1724.
Texas State Government - Austin
1.0295, 1.0423, 2.0375, 2.0386, 2.0387, 2.0808, 2.0809, 2.0810, 2.1421, 2.1918, 2.1919, 3.0055, 4.0070, 4.0071, 4.0488, 4.0489, 4.0490, 4.0492, 4.0857, 4.0860, 4.0861, 4.0987, 4.1115, 4.1120, 4.1121, 5.0680, 5.0682.
Thomson Houston Company - Manurhin, Arabia
2.1230.
U.S. Atomic Energy Commission
1.0002, 1.0011, 1.0014, 1.0021, 1.0027, 1.0030, 1.0032, 1.0044, 1.0046, 1.0047, 1.0087, 1.0091, 1.0142, 1.0143, 1.0144, 1.0145, 1.0146, 1.0154, 1.0158, 1.0159, 1.0160, 1.0176, 1.0196, 1.0235, 1.0236, 1.0237, 1.0344, 1.0382, 1.0422, 1.0598, 1.0668, 1.0699, 1.0700, 1.0713, 1.0721, 1.0744, 1.0745, 1.0834, 1.0855, 1.0893, 1.0899, 2.0008, 2.0035, 2.0036, 2.0050, 2.0051, 2.0078, 2.0091, 2.0122, 2.0124, 2.0133, 2.0142, 2.0187, 2.0194, 2.0195, 2.0198, 2.0201, 2.0216, 2.0268, 2.0270, 2.0276, 2.0277, 2.0281, 2.0283, 2.0320, 2.0331, 2.0356, 2.0357, 2.0358, 2.0359, 2.0374, 2.0380, 2.0401, 2.0412, 2.0414, 2.0415, 2.0416, 2.0417, 2.0418, 2.0420, 2.0424, 2.0426, 2.0427, 2.0501, 2.0504, 2.0505, 2.0569, 2.0574, 2.0612, 2.0627, 2.0647, 2.0694, 2.0695, 2.0698, 2.0749, 2.0768, 2.0792, 2.0813, 2.0844, 2.0972, 2.1001, 2.1035, 2.1049, 2.1067, 2.1105, 2.1414, 2.1415, 2.1445, 2.1491, 2.1498, 2.1506, 2.1527, 2.1546, 2.1547, 2.1550, 2.1593, 2.1629, 2.1637, 2.1638, 2.1651, 2.1654, 2.1655, 2.1656, 2.1698, 2.1706, 2.1707, 2.1720, 2.1721, 2.1722, 2.1723, 2.1739, 2.1752, 2.1753, 2.1754, 2.1756, 2.1757, 2.1758, 2.1759, 2.1760, 2.1765, 3.0114, 3.0290, 3.0318, 3.0339, 4.0320, 4.0583, 4.0779, 4.0854, 4.0855, 4.0974, 4.0999, 4.1008, 4.1085, 5.0001, 5.0004, 5.0005, 5.0006, 5.0007, 5.0008, 5.0009, 5.0010, 5.0011, 5.0012, 5.0013, 5.0014, 5.0016, 5.0024, 5.0025, 5.0030, 5.0031, 5.0032, 5.0035, 5.0036, 5.0038, 5.0039, 5.0042, 5.0046, 5.0048, 5.0049, 5.0051, 5.0052, 5.0053, 5.0054, 5.0055, 5.0056, 5.0057, 5.0058, 5.0062, 5.0067, 5.0069, 5.0070, 5.0071, 5.0072, 5.0073, 5.0074, 5.0075, 5.0076, 5.0077, 5.0078, 5.0082, 5.0084, 5.0085, 5.0086, 5.0087, 5.0088, 5.0089, 5.0100, 5.0101, 5.0106, 5.0107, 5.0108, 5.0109, 5.0110, 5.0111, 5.0112, 5.0113, 5.0114, 5.0115, 5.0116, 5.0117, 5.0120, 5.0121, 5.0122, 5.0123, 5.0124, 5.0125, 5.0126, 5.0128, 5.0129, 5.0130, 5.0131, 5.0132, 5.0133, 5.0134, 5.0135, 5.0136, 5.0137, 5.0138, 5.0139, 5.0140, 5.0141, 5.0142, 5.0143, 5.0144, 5.0147, 5.0148, 5.0149, 5.0150, 5.0151, 5.0152, 5.0153, 5.0154, 5.0155, 5.0156, 5.0157, 5.0158, 5.0159, 5.0160, 5.0161, 5.0164, 5.0174, 5.0176, 5.0177, 5.0178, 5.0179, 5.0180, 5.0181, 5.0182, 5.0183, 5.0202, 5.0211, 5.0212, 5.0213, 5.0214, 5.0218, 5.0219, 5.0223, 5.0224, 5.0225, 5.0227, 5.0228, 5.0229, 5.0230, 5.0231, 5.0232, 5.0233, 5.0234, 5.0243, 5.0244, 5.0245, 5.0247, 5.0252, 5.0254, 5.0257, 5.0260, 5.0261, 5.0263, 5.0269, 5.0270, 5.0271, 5.0272, 5.0273, 5.0274, 5.0275, 5.0276, 5.0277, 5.0278, 5.0279, 5.0280, 5.0281, 5.0282, 5.0283, 5.0284, 5.0285, 5.0286, 5.0287, 5.0288, 5.0289, 5.0290, 5.0291, 5.0292, 5.0293, 5.0294, 5.0295, 5.0296, 5.0297, 5.0302, 5.0303, 5.0306, 5.0308, 5.0316, 5.0317, 5.0320, 5.0322, 5.0324, 5.0327, 5.0333, 5.0334, 5.0335, 5.0338, 5.0339, 5.0340, 5.0342, 5.0343, 5.0344, 5.0345, 5.0346, 5.0350, 5.0353, 5.0355, 5.0356, 5.0375, 5.0378, 5.0388, 5.0395, 5.0397, 5.0398, 5.0402, 5.0403, 5.0406, 5.0408, 5.0410, 5.0411, 5.0412, 5.0413, 5.0415, 5.0425, 5.0426, 5.0427, 5.0428, 5.0429, 5.0430, 5.0431, 5.0432, 5.0433, 5.0434, 5.0435, 5.0436, 5.0437, 5.0438, 5.0439, 5.0440, 5.0441, 5.0442, 5.0443, 5.0444, 5.0445, 5.0446, 5.0447, 5.0448, 5.0449, 5.0455, 5.0456, 5.0457, 5.0458, 5.0459, 5.0460, 5.0461, 5.0462, 5.0463, 5.0464, 5.0465, 5.0466, 5.0467, 5.0468, 5.0469, 5.0470, 5.0471, 5.0472, 5.0473, 5.0476, 5.0478, 5.0480, 5.0481, 5.0483, 5.0488, 5.0489, 5.0492, 5.0493, 5.0494, 5.0497, 5.0499, 5.0500, 5.0501, 5.0502, 5.0503, 5.0504, 5.0505, 5.0508, 5.0509, 5.0510, 5.0515, 5.0516, 5.0517, 5.0518, 5.0519, 5.0520, 5.0521, 5.0522, 5.0523, 5.0524, 5.0525, 5.0526, 5.0527, 5.0528, 5.0529, 5.0530, 5.0531, 5.0534, 5.0536, 5.0537, 5.0538, 5.0539, 5.0540, 5.0542, 5.0543, 5.0544, 5.0545, 5.0546, 5.0547, 5.0548, 5.0550, 5.0554, 5.0558, 5.0560, 5.0561, 5.0562, 5.0563, 5.0564, 5.0565, 5.0566, 5.0567, 5.0570, 5.0575, 5.0576, 5.0578, 5.0581, 5.0582, 5.0586, 5.0589, 5.0590, 5.0592, 5.0595, 5.0600, 5.0603, 5.0606, 5.0607, 5.0617, 5.0618, 5.0626, 5.0627, 5.0628, 5.0630, 5.0631, 5.0632, 5.0633, 5.0634, 5.0635, 5.0636, 5.0637, 5.0638, 5.0639, 5.0640, 5.0641, 5.0642, 5.0643, 5.0644, 5.0645, 5.0646, 5.0647, 5.0648, 5.0649, 5.0650, 5.0651, 5.0652, 5.0653, 5.0654, 5.0655, 5.0658, 5.0659, 5.0660, 5.0661, 5.0662, 5.0663, 5.0664, 5.0666, 5.0667, 5.0668, 5.0669, 5.0670, 5.0671, 5.0672, 5.0673, 5.0674, 5.0675, 5.0676, 5.0677, 5.0683, 5.0685, 5.0694, 5.0697, 5.0707, 5.0710, 5.0716, 5.0718, 5.0719, 5.0720, 5.0721, 5.0722, 5.0723, 5.0724, 5.0725, 5.0726, 5.0727, 5.0729, 5.0732, 5.0734, 5.0735, 5.0736, 5.0737, 5.0738, 5.0739, 5.0741, 5.0742, 5.0743, 5.0744, 5.0745, 5.0746, 5.0747, 5.0748, 5.0749, 5.0750, 5.0751, 5.0752, 5.0753, 5.0754, 5.0755, 5.0756, 5.0757, 5.0759, 5.0761, 5.0762, 5.0763, 5.0764, 5.0765, 5.0766, 5.0769, 5.0773, 5.0775, 5.0776, 5.0777, 5.0778, 5.0779, 5.0780, 5.0781, 5.0782, 5.0783, 5.0784, 5.0785, 5.0787, 5.0788, 5.0791, 5.0792, 5.0802, 5.0804, 5.0812, 5.0813, 5.0814, 5.0815, 5.0816, 5.0818, 5.0819, 5.0820, 5.0821, 5.0822, 5.0823, 5.0824, 5.0825, 5.0826, 5.0827, 5.0828, 5.0829, 5.0830, 5.0832, 5.0833, 5.0834, 5.0838, 5.0841, 5.0864, 5.0865, 5.0866, 5.0867, 5.0869, 5.0870, 5.0871, 5.0872, 5.0874, 5.0875, 5.0876, 5.0877, 5.0878, 5.0879, 5.0880, 5.0881, 5.0882, 5.0883, 5.0884, 5.0886, 5.0887, 5.0888, 5.0889, 5.0891, 5.0892, 5.0893, 5.0894, 5.0895, 5.0896, 5.0897, 5.0898, 5.0899, 5.0900, 5.0909, 5.0910, 5.0919, 5.0920, 5.0922, 5.0923, 5.0924, 5.0925, 5.0926, 5.0927, 5.0928, 5.0929, 5.0930, 5.0931, 5.0932, 5.0933, 5.0934, 5.0935, 5.0936, 5.0937, 5.0939, 5.0940, 5.0941, 5.0951, 5.0952, 5.0953, 5.0954, 5.0955, 5.0956, 5.0957, 5.0958, 5.0959, 5.0960, 5.0961, 5.0962, 5.0963, 5.0964, 6.0066, 6.0067.
U.S. Dept. of Agriculture
1.0043, 1.0054, 1.0067, 1.0071, 1.0162, 1.0306, 1.0308, 1.0309, 1.0321, 1.0322, 1.0324, 1.0338, 1.0343, 1.0349, 1.0350, 1.0351, 1.0352, 1.0353, 1.0356, 1.0357, 1.0365, 1.0369, 1.0371, 1.0374, 1.0378, 1.0384, 1.0408, 1.0412, 1.0413, 1.0414, 1.0416, 1.0418, 1.0420, 1.0435, 1.0437, 1.0441, 1.0495, 1.0530, 1.0586, 1.0587, 1.0591, 1.0592, 1.0646, 1.0653, 1.0656, 1.0734, 2.0001, 2.0013, 2.0016, 2.0031, 2.0037, 2.0079, 2.0081, 2.0082, 2.0086, 2.0096, 2.0099, 2.0100, 2.0105, 2.0120, 2.0121, 2.0126, 2.0134, 2.0139, 2.0147, 2.0159, 2.0170, 2.0204, 2.0209, 2.0213, 2.0214, 2.0215, 2.0217, 2.0218, 2.0220, 2.0223, 2.0237, 2.0239, 2.0240, 2.0241, 2.0242, 2.0255, 2.0265, 2.0269, 2.0295, 2.0307, 2.0313, 2.0314, 2.0326, 2.0349, 2.0351, 2.0353, 2.0366, 2.0378, 2.0388, 2.0391, 2.0406, 2.0529, 2.0571, 2.0580, 2.0587, 2.0653, 2.0677, 2.0683, 2.0738, 2.0829, 2.0901, 2.0965, 2.0986, 2.0988, 2.1015, 2.1022, 2.1023, 2.1065, 2.1089, 2.1152, 2.1162, 2.1163, 2.1231, 2.1249, 2.1280, 2.1283, 2.1284, 2.1443, 2.1488, 2.1521, 2.1543, 2.1549, 2.1590, 2.1592, 2.1594, 2.1604, 2.1636, 2.1662, 2.1663, 2.1692, 2.1776, 2.1788, 2.1791, 2.1813, 2.1831, 2.1832, 2.1837, 2.1844, 2.1855, 2.1861, 2.1862, 2.1864, 2.1881, 2.1890, 2.1900, 2.1907, 2.1921, 2.1922, 2.1931, 2.1936, 3.0001, 3.0005, 3.0006, 3.0008, 3.0009, 3.0012, 3.0014, 3.0015, 3.0035, 3.0040, 3.0041, 3.0044, 3.0045, 3.0047, 3.0057, 3.0058, 3.0069, 3.0076, 3.0077, 3.0093, 3.0097, 3.0098, 3.0099, 3.0107, 3.0117, 3.0127, 3.0132, 3.0134, 3.0136, 3.0140, 3.0141, 3.0142, 3.0143, 3.0147, 3.0150, 3.0152, 3.0156, 3.0157, 3.0158, 3.0161, 3.0164, 3.0167, 3.0181, 3.0183, 3.0184, 3.0185, 3.0193, 3.0195, 3.0196, 3.0198, 3.0202, 3.0203, 3.0209, 3.0210, 3.0212, 3.0213, 3.0216, 3.0220, 3.0222, 3.0223, 3.0232, 3.0233, 3.0234, 3.0235, 3.0236, 3.0237, 3.0240, 3.0241, 3.0254, 3.0255, 3.0256, 3.0265, 3.0268, 3.0276, 3.0295, 3.0296, 3.0298, 3.0299, 3.0305, 3.0312, 3.0316, 3.0317, 3.0320, 3.0330, 3.0335, 3.0342, 3.0344, 3.0346, 3.0348, 3.0349, 3.0351, 3.0352, 3.0361, 3.0363, 3.0368, 3.0369, 3.0372, 3.0375, 3.0377, 3.0388, 3.0389, 3.0392, 3.0393, 3.0394, 3.0399, 3.0407, 4.0001, 4.0002, 4.0007, 4.0008, 4.0009, 4.0010, 4.0013, 4.0014, 4.0017, 4.0019, 4.0020, 4.0025, 4.0026, 4.0027, 4.0032, 4.0033, 4.0034, 4.0035, 4.0036, 4.0037, 4.0041, 4.0044, 4.0045, 4.0046, 4.0047, 4.0050, 4.0053, 4.0057, 4.0058, 4.0060, 4.0063, 4.0064, 4.0069, 4.0072, 4.0074, 4.0079, 4.0080, 4.0081, 4.0083, 4.0084, 4.0085, 4.0086, 4.0087, 4.0090, 4.0091, 4.0092, 4.0093, 4.0095, 4.0098, 4.0099, 4.0100, 4.0101, 4.0102, 4.0106, 4.0107, 4.0109, 4.0112, 4.0113, 4.0116, 4.0117, 4.0118, 4.0119, 4.0120, 4.0121, 4.0122, 4.0123, 4.0124, 4.0127, 4.0129, 4.0130, 4.0131, 4.0132, 4.0133, 4.0134, 4.0137, 4.0138, 4.0139, 4.0142, 4.0143, 4.0144, 4.0146, 4.0148, 4.0151, 4.0154, 4.0155, 4.0156, 4.0157, 4.0158, 4.0159, 4.0160, 4.0162, 4.0164, 4.0165, 4.0166, 4.0167, 4.0168, 4.0169, 4.0170, 4.0171, 4.0172, 4.0174, 4.0175, 4.0176, 4.0177, 4.0178, 4.0179, 4.0181, 4.0182, 4.0183, 4.0184, 4.0185, 4.0186, 4.0187, 4.0188, 4.0189, 4.0190, 4.0191, 4.0192, 4.0193, 4.0197, 4.0201, 4.0202, 4.0204, 4.0207, 4.0208, 4.0210, 4.0211, 4.0212, 4.0214, 4.0215, 4.0216, 4.0217, 4.0218, 4.0219, 4.0220, 4.0221, 4.0222, 4.0223, 4.0224, 4.0225, 4.0226, 4.0227, 4.0228, 4.0234, 4.0240, 4.0243, 4.0244, 4.0245, 4.0247, 4.0248, 4.0249, 4.0252, 4.0255, 4.0256, 4.0257, 4.0266, 4.0267, 4.0268, 4.0287, 4.0288, 4.0289, 4.0293, 4.0295, 4.0296, 4.0298, 4.0299, 4.0301, 4.0302, 4.0303, 4.0304, 4.0305, 4.0306, 4.0308, 4.0309, 4.0311, 4.0315, 4.0316, 4.0318, 4.0327, 4.0328, 4.0329, 4.0330, 4.0334, 4.0335, 4.0336, 4.0338, 4.0339, 4.0340, 4.0341, 4.0342, 4.0344, 4.0345, 4.0346, 4.0348, 4.0349, 4.0350, 4.0351, 4.0354, 4.0355, 4.0356, 4.0358, 4.0359, 4.0360, 4.0362, 4.0364, 4.0367, 4.0369, 4.0374, 4.0375, 4.0376, 4.0389, 4.0390, 4.0391, 4.0393, 4.0395, 4.0402, 4.0404, 4.0405, 4.0419, 4.0423, 4.0424, 4.0425, 4.0426, 4.0427, 4.0429, 4.0430, 4.0431, 4.0432, 4.0433, 4.0434, 4.0435, 4.0436, 4.0438, 4.0439, 4.0440, 4.0443, 4.0445, 4.0448, 4.0449, 4.0450, 4.0452, 4.0453, 4.0457, 4.0461, 4.0463, 4.0464, 4.0465, 4.0467, 4.0468, 4.0469, 4.0470, 4.0472, 4.0473, 4.0474, 4.0475, 4.0478, 4.0479, 4.0481,

4.0482, 4.0483, 4.0484, 4.0485, 4.0486, 4.0487, 4.0491, 4.0495, 4.0496, 4.0497, 4.0498, 4.0499, 4.0502, 4.0507, 4.0509, 4.0512, 4.0513, 4.0514, 4.0516, 4.0518, 4.0519, 4.0520, 4.0521, 4.0522, 4.0523, 4.0525, 4.0526, 4.0527, 4.0528, 4.0529, 4.0535, 4.0537, 4.0538, 4.0541, 4.0554, 4.0555, 4.0556, 4.0558, 4.0559, 4.0582, 4.0588, 4.0597, 4.0602, 4.0603, 4.0605, 4.0610, 4.0612, 4.0614, 4.0616, 4.0617, 4.0618, 4.0621, 4.0623, 4.0625, 4.0626, 4.0633, 4.0634, 4.0635, 4.0636, 4.0637, 4.0638, 4.0639, 4.0640, 4.0641, 4.0642, 4.0643, 4.0644, 4.0645, 4.0648, 4.0649, 4.0651, 4.0663, 4.0664, 4.0666, 4.0671, 4.0673, 4.0675, 4.0677, 4.0682, 4.0683, 4.0684, 4.0685, 4.0687, 4.0688, 4.0689, 4.0694, 4.0742, 4.0743, 4.0750, 4.0751, 4.0753, 4.0757, 4.0758, 4.0759, 4.0762, 4.0763, 4.0769, 4.0771, 4.0772, 4.0775, 4.0777, 4.0778, 4.0797, 4.0798, 4.0799, 4.0800, 4.0802, 4.0804, 4.0823, 4.0827, 4.0834, 4.0835, 4.0836, 4.0837, 4.0838, 4.0841, 4.0842, 4.0843, 4.0845, 4.0846, 4.0847, 4.0849, 4.0850, 4.0851, 4.0858, 4.0859, 4.0862, 4.0863, 4.0864, 4.0865, 4.0866, 4.0867, 4.0868, 4.0869, 4.0870, 4.0871, 4.0872, 4.0873, 4.0874, 4.0875, 4.0877, 4.0878, 4.0879, 4.0883, 4.0884, 4.0886, 4.0888, 4.0889, 4.0890, 4.0898, 4.0909, 4.0910, 4.0912, 4.0915, 4.0917, 4.0918, 4.0921, 4.0922, 4.0923, 4.0924, 4.0926, 4.0928, 4.0929, 4.0931, 4.0932, 4.0935, 4.0936, 4.0937, 4.0939, 4.0940, 4.0941, 4.0943, 4.0944, 4.0945, 4.0947, 4.0948, 4.0949, 4.0952, 4.0953, 4.0954, 4.0955, 4.0956, 4.0957, 4.0959, 4.0960, 4.0963, 4.0966, 4.0968, 4.0969, 4.0970, 4.0971, 4.0972, 4.0976, 4.0977, 4.0979, 4.0981, 4.0982, 4.0983, 4.0985, 4.0988, 4.0989, 4.0990, 4.0991, 4.0992, 4.0993, 4.0994, 4.0997, 4.1002, 4.1003, 4.1007, 4.1012, 4.1013, 4.1016, 4.1017, 4.1018, 4.1019, 4.1020, 4.1021, 4.1022, 4.1023, 4.1024, 4.1025, 4.1027, 4.1028, 4.1031, 4.1032, 4.1033, 4.1034, 4.1035, 4.1036, 4.1037, 4.1038, 4.1039, 4.1040, 4.1042, 4.1043, 4.1047, 4.1048, 4.1049, 4.1050, 4.1051, 4.1052, 4.1053, 4.1063, 4.1064, 4.1066, 4.1068, 4.1069, 4.1070, 4.1071, 4.1072, 4.1074, 4.1076, 4.1077, 4.1079, 4.1080, 4.1081, 4.1083, 4.1084, 4.1088, 4.1089, 4.1092, 4.1093, 4.1094, 4.1095, 4.1096, 4.1097, 4.1098, 4.1099, 4.1100, 4.1102, 4.1103, 4.1104, 4.1105, 4.1106, 4.1107, 4.1109, 4.1110, 4.1111, 4.1113, 4.1114, 4.1116, 4.1117, 4.1118, 4.1119, 4.1122, 4.1123, 4.1124, 4.1125, 4.1126, 4.1127, 4.1129, 4.1130, 4.1131, 4.1132, 4.1133, 4.1134, 5.0040, 5.0041, 5.0043, 5.0105, 5.0246, 5.0258, 5.0323, 5.0369, 5.0409, 5.0414, 5.0611, 5.0613, 5.0614, 5.0615, 5.0619, 5.0621, 5.0868, 6.0030, 6.0037, 6.0038, 6.0041, 6.0057, 6.0065, 6.0087, 6.0095, 6.0099.

U.S. Dept. of Commerce - Bur. of Dom. Com.
2.1220.

U.S. Dept. of Commerce - E.S.S.A.
1.0023, 1.0026, 1.0358, 1.0480, 1.0674, 6.0005.

U.S. Dept. of Commerce - Econ. Dev. Admin.
1.0839, 1.0841.

U.S. Dept. of Commerce - Maritime Admin.
2.0577, 2.1207.

U.S. Dept. of Commerce - N.B.S.
1.0035, 1.0036, 1.0037, 1.0038, 1.0339, 1.0442, 1.0487, 1.0544, 1.0545, 1.0683, 1.0684, 1.0687, 2.0533, 3.0106, 5.0242, 5.0799, 5.0800, 5.0809, 5.0810, 6.0028, 6.0073.

U.S. Dept. of Commerce - N.O.A.A.
1.0022, 1.0024, 1.0025, 1.0316, 1.0328, 1.0329, 1.0377, 1.0479, 1.0686, 1.0725, 2.0104, 2.0151, 2.0189, 2.0193, 2.0285, 2.0290, 2.0383, 2.0384, 2.0508, 2.0509, 2.0546, 2.0565, 2.0624, 2.0628, 2.0631, 2.0772, 2.0777, 2.0818, 2.0846, 2.0847, 2.0863, 2.1070, 2.1073, 2.1091, 2.1424, 2.1446, 2.1478, 2.1515, 2.1516, 2.1517, 2.1525, 2.1528, 2.1541, 2.1587, 2.1653, 2.1672, 2.1682, 2.1688, 2.1695, 2.1696, 2.1729, 2.1761, 2.1762, 2.1763, 2.1781, 2.1929, 2.1937, 2.1938, 4.0021, 4.0023, 4.0039, 4.0059, 4.0590, 4.0591, 4.1014, 4.1045, 5.0003.

U.S. Dept. of Defense - A.R.P.A.
1.0911, 5.0305, 5.0390.

U.S. Dept. of Defense - Air Force
1.0020, 1.0078, 1.0121, 1.0147, 1.0218, 1.0285, 1.0286, 1.0300, 1.0301, 1.0410, 1.0411, 1.0547, 1.0589, 1.0649, 1.0691, 1.0719, 1.0835, 1.0836, 1.0848, 1.0890, 1.0944, 2.0510, 2.1198, 4.0587, 4.0938, 5.0017, 5.0079, 5.0168, 5.0299, 5.0357, 5.0376, 5.0399, 5.0559, 5.0679, 5.0698, 5.0699, 5.0700, 5.0701, 5.0702, 5.0703, 5.0704, 5.0705, 5.0706, 5.0758, 5.0915, 5.0942, 5.0944, 5.0945, 5.0946, 5.0948, 6.0002, 6.0004, 6.0010, 6.0011, 6.0012, 6.0013, 6.0018, 6.0100, 6.0101, 6.0102, 6.0103, 6.0114.

U.S. Dept. of Defense - Army
1.0059, 1.0298, 1.0585, 1.0593, 1.0724, 1.0867, 1.0887, 2.0655, 2.0910, 2.0929, 2.0951, 2.0952, 2.0953, 2.0992, 2.1033, 2.1123, 2.1216, 2.1423, 2.1614, 2.1615, 2.1770, 3.0027, 3.0028, 3.0030, 3.0064, 3.0175, 3.0214, 3.0381, 4.0660, 4.1078, 5.0027, 5.0119, 5.0127, 5.0165, 5.0173, 5.0175, 5.0235, 5.0236, 5.0237, 5.0238, 5.0239, 5.0240, 5.0241, 5.0255, 5.0336, 5.0337, 5.0348, 5.0349, 5.0352, 5.0391, 5.0392, 5.0393, 5.0394, 5.0482, 5.0484, 5.0511, 5.0535, 5.0551, 5.0555, 5.0629, 5.0657, 5.0789, 5.0811, 5.0845, 5.0848, 5.0849, 5.0852, 5.0858, 5.0859, 6.0001, 6.0003, 6.0009, 6.0016, 6.0017, 6.0074, 6.0083, 6.0085, 6.0089.

U.S. Dept. of Defense - Navy
1.0190, 1.0191, 1.0355, 1.0546, 1.0561, 1.0643, 1.0644, 1.0667, 1.0710, 1.0711, 1.0853, 1.0860, 1.0888, 1.0896, 2.0029, 2.0175, 2.0186, 2.0473, 2.0500, 2.0880, 2.0925, 2.0971, 2.1034, 2.1187, 2.1188, 2.1200, 2.1293, 2.1489, 2.1493, 2.1583, 2.1585, 3.0016, 3.0018, 3.0019, 3.0020, 3.0025, 3.0026, 3.0031, 3.0034, 3.0042, 3.0160, 3.0332, 4.0015, 5.0028, 5.0047, 5.0083, 5.0166, 5.0216, 5.0248, 5.0249, 5.0250, 5.0251, 5.0262, 5.0368, 5.0373, 5.0374, 5.0452, 5.0514, 5.0596, 5.0730, 5.0740, 5.0854, 5.0890, 5.0913, 6.0006, 6.0008, 6.0072, 6.0075, 6.0077, 6.0079, 6.0086, 6.0106.

U.S. Dept. of Hlth. Ed. & Wel. - P.H.S.
1.0004, 1.0005, 1.0006, 1.0007, 1.0010, 1.0013, 1.0015, 1.0016, 1.0018, 1.0031, 1.0045, 1.0050, 1.0057, 1.0058, 1.0060, 1.0065, 1.0070, 1.0072, 1.0074, 1.0076, 1.0079, 1.0083, 1.0088, 1.0118, 1.0130, 1.0135, 1.0136, 1.0138, 1.0149, 1.0153, 1.0155, 1.0156, 1.0157, 1.0161, 1.0163, 1.0164, 1.0166, 1.0169, 1.0170, 1.0173, 1.0174, 1.0177, 1.0178, 1.0180, 1.0182, 1.0185, 1.0188, 1.0192, 1.0193, 1.0197, 1.0198, 1.0200, 1.0202, 1.0203, 1.0204, 1.0205, 1.0208, 1.0209, 1.0210, 1.0211, 1.0212, 1.0213, 1.0214, 1.0215, 1.0217, 1.0219, 1.0222, 1.0223, 1.0224, 1.0225, 1.0226, 1.0227, 1.0228, 1.0230, 1.0231, 1.0232, 1.0234, 1.0281, 1.0287, 1.0290, 1.0291, 1.0292, 1.0293, 1.0294, 1.0302, 1.0304, 1.0310, 1.0311, 1.0312, 1.0313, 1.0314, 1.0317, 1.0320, 1.0325, 1.0326, 1.0333, 1.0341, 1.0361, 1.0362, 1.0366, 1.0370, 1.0373, 1.0375, 1.0379, 1.0380, 1.0381, 1.0383, 1.0385, 1.0415, 1.0417, 1.0419, 1.0421, 1.0424, 1.0429, 1.0430, 1.0431, 1.0433, 1.0438, 1.0444, 1.0476, 1.0483, 1.0491, 1.0496, 1.0534, 1.0535, 1.0536, 1.0538, 1.0540, 1.0548, 1.0563, 1.0566, 1.0568, 1.0569, 1.0582, 1.0583, 1.0584, 1.0595, 1.0596, 1.0597, 1.0625, 1.0627, 1.0628, 1.0636, 1.0637, 1.0638, 1.0640, 1.0642, 1.0652, 1.0657, 1.0665, 1.0669, 1.0672, 1.0673, 1.0677, 1.0696, 1.0697, 1.0703, 1.0706, 1.0707, 1.0709, 1.0714, 1.0720, 1.0722, 1.0723, 1.0730, 1.0731, 1.0732, 1.0741, 1.0747, 1.0830, 1.0846, 1.0847, 1.0852, 1.0854, 1.0856, 1.0861, 1.0862, 1.0863, 1.0864, 1.0865, 1.0866, 1.0869, 1.0870, 1.0871, 1.0872, 1.0873, 1.0874, 1.0875, 1.0876, 1.0878, 1.0879, 1.0880, 1.0881, 1.0882, 1.0883, 1.0884, 1.0886, 1.0889, 1.0891, 1.0892, 1.0894, 1.0895, 1.0897, 1.0898, 1.0900, 1.0904, 1.0905, 1.0906, 1.0907, 1.0908, 1.0909, 1.0910, 1.0912, 1.0913, 1.0915, 1.0916, 2.0002, 2.0005, 2.0052, 2.0247, 2.0343, 2.0439, 2.0442, 2.0453, 2.0463, 2.0464, 2.0465, 2.0466, 2.0486, 2.0547, 2.0623, 2.0715, 2.0716, 2.0717, 2.0781, 2.0782, 2.0783, 2.0784, 2.0785, 2.0786, 2.0835, 2.0902, 2.0903, 2.0907, 2.0927, 2.0928, 2.0932, 2.0940, 2.0941, 2.0954, 2.1002, 2.1075, 2.1094, 2.1167, 2.1261, 2.1282, 2.1325, 2.1331, 2.1353, 2.1362, 2.1470, 2.1697, 3.0032, 3.0056, 3.0066, 3.0070, 3.0072, 3.0091, 3.0120, 3.0122, 3.0179, 3.0188, 3.0192, 3.0229, 3.0248, 3.0252, 3.0264, 3.0282, 3.0289, 3.0291, 3.0308, 3.0309, 3.0366, 3.0373, 3.0397, 3.0398, 3.0400, 3.0403, 3.0405, 4.0012, 4.0051, 4.0052, 4.0114, 4.0126, 4.0180, 4.0195, 4.0198, 4.0200, 4.0368, 4.0421, 4.0533, 4.0548, 4.0560, 4.0569, 4.0584, 4.0592, 4.0600, 4.0608, 4.0611, 4.0613, 4.0619, 4.0624, 4.0628, 4.0629, 4.0632, 4.0646, 4.0647, 4.0650, 4.0655, 4.0656, 4.0657, 4.0658, 4.0659, 4.0764, 4.0767, 4.0774, 4.0781, 4.0782, 4.0783, 4.0784, 4.0785, 4.0786, 4.0787, 4.0788, 4.0789, 4.0790, 4.0791, 4.0792, 4.0793, 4.0794, 4.0795, 4.0796, 4.0805, 4.0818, 4.0821, 4.0822, 4.0825, 4.0848, 4.0853, 4.0882, 4.0887, 4.0930, 4.0965, 4.0980, 4.1001, 4.1005, 4.1041, 4.1044, 4.1065, 4.1086, 4.1087, 4.1101, 4.1108, 5.0019, 5.0023, 5.0033, 5.0044, 5.0060, 5.0081, 5.0092, 5.0093, 5.0097, 5.0163, 5.0167, 5.0169, 5.0170, 5.0171, 5.0206, 5.0207, 5.0208, 5.0209, 5.0210, 5.0215, 5.0226, 5.0253, 5.0259, 5.0298, 5.0300, 5.0304, 5.0307, 5.0309, 5.0310, 5.0311, 5.0321, 5.0325, 5.0329, 5.0332, 5.0341, 5.0347, 5.0351, 5.0354, 5.0358, 5.0359, 5.0360, 5.0361, 5.0362, 5.0363, 5.0364, 5.0365, 5.0366, 5.0367, 5.0379, 5.0380, 5.0381, 5.0382, 5.0384, 5.0386, 5.0387, 5.0396, 5.0400, 5.0405, 5.0407, 5.0416, 5.0417, 5.0451, 5.0453, 5.0454, 5.0474, 5.0479, 5.0486, 5.0487, 5.0490, 5.0496, 5.0498, 5.0506, 5.0507, 5.0512, 5.0549, 5.0552, 5.0556, 5.0557, 5.0574, 5.0577, 5.0579, 5.0580, 5.0583, 5.0584, 5.0585, 5.0587, 5.0591, 5.0593, 5.0594, 5.0599, 5.0604, 5.0605, 5.0623, 5.0624, 5.0625, 5.0678, 5.0681, 5.0684, 5.0686, 5.0688, 5.0689, 5.0693, 5.0696, 5.0713, 5.0760, 5.0767, 5.0768, 5.0770, 5.0803, 5.0807, 5.0808, 5.0840, 5.0842, 5.0847, 5.0850, 5.0851, 5.0855, 5.0856, 5.0860, 5.0873, 5.0885, 5.0901, 5.0902, 5.0903, 5.0904, 5.0905, 5.0911, 5.0914, 5.0921, 5.0965, 6.0069, 6.0070, 6.0080, 6.0082, 6.0084, 6.0090, 6.0097, 6.0098, 6.0108, 6.0118.

U.S. Dept. of Hlth. Ed. & Wel. - S.R.S.
6.0107, 6.0119.

U.S. Dept. of Housing & Urban Development
1.0626, 3.0123, 6.0056.

U.S. Dept. of Interior - Bu. Comm. Fish
2.0279, 2.0280, 2.0282, 2.0284, 2.0705, 4.0534, 4.0594, 4.0595, 4.0661, 4.1015, 5.0059, 5.0541.

U.S. Dept. of Interior - Bu. Comm. Fish.
2.0210, 2.0296, 2.0462, 2.0561, 2.0597, 2.0604, 2.0610, 2.0618, 2.0651, 2.0652, 2.0696, 2.1479, 2.1533, 2.1559, 2.1560, 2.1561, 2.1562, 2.1563, 2.1564, 2.1567, 2.1571, 2.1726, 2.1727, 2.1748, 4.0024.

SUPPORTING AGENCY INDEX

U.S. Dept. of Interior - Bu. Reclamation
1.0152, 2.0060, 2.0061, 2.0063, 2.0064, 2.0071, 2.0072, 2.0073, 2.0076, 2.0477, 2.0512, 2.0513, 2.0516, 2.0517, 2.0977, 2.0978, 2.0979, 2.0980, 2.1062, 2.1171, 2.1507, 2.1508, 2.1509, 2.1510, 2.1511, 2.1802, 2.1804, 3.0022, 4.0018.

U.S. Dept. of Interior - Bu. Sport Fish.
2.0015, 2.0158, 2.0202, 2.0219, 2.0229, 2.0236, 2.0252, 2.0259, 2.0260, 2.0302, 2.0305, 2.0306, 2.0355, 2.0422, 2.0435, 2.0524, 2.0606, 2.0607, 2.0617, 2.0664, 2.0667, 2.0673, 2.0679, 2.0711, 2.0762, 2.0799, 2.0832, 2.0833, 2.0838, 2.0850, 2.0881, 2.0961, 2.1027, 2.1059, 2.1060, 2.1095, 2.1131, 2.1132, 2.1332, 2.1487, 2.1496, 2.1497, 2.1534, 2.1558, 2.1565, 2.1566, 2.1579, 2.1595, 2.1596, 2.1620, 2.1621, 2.1633, 2.1634, 2.1639, 2.1640, 2.1645, 2.1710, 2.1714, 2.1725, 2.1728, 2.1750, 2.1751, 2.1764, 2.1778, 2.1865, 2.1876, 2.1923, 4.0005, 4.0006, 4.0048, 4.0049, 4.0333, 4.0392, 4.0531, 4.0532, 4.0540, 4.0542, 4.0543, 4.0544, 4.0545, 4.0553, 4.0566, 4.0567, 4.0568, 4.0574, 4.0575, 4.0576, 4.0577, 4.0578, 4.0579, 4.0580, 4.0581, 4.0596, 4.0598, 4.0604, 4.0622, 4.0627, 4.0630, 4.0631, 4.0652, 4.0653, 4.0678, 4.0679, 4.0695, 4.0696, 4.0697, 4.0698, 4.0699, 4.0700, 4.0701, 4.0702, 4.0703, 4.0704, 4.0705, 4.0706, 4.0707, 4.0708, 4.0709, 4.0710, 4.0711, 4.0712, 4.0713, 4.0714, 4.0715, 4.0716, 4.0717, 4.0718, 4.0719, 4.0720, 4.0721, 4.0722, 4.0723, 4.0724, 4.0725, 4.0726, 4.0727, 4.0728, 4.0729, 4.0730, 4.0731, 4.0732, 4.0733, 4.0734, 4.0735, 4.0736, 4.0737, 4.0738, 4.0739, 4.0740, 4.0741, 4.0744, 4.0745, 4.0746, 4.0747, 4.0749, 4.0754, 4.0755, 4.0756, 4.0776, 4.0801, 4.0807, 4.0808, 4.0830, 4.0831, 4.0832, 4.0833, 4.0852, 4.0856, 4.0891, 4.0892, 4.0893, 4.0894, 4.0901, 4.0903, 4.0904, 4.0905, 4.0906, 4.0907, 4.0908, 4.0919, 4.0920, 4.0961, 4.1009, 4.1054, 4.1055, 4.1056, 4.1057, 4.1058, 4.1059, 4.1060, 4.1061, 4.1062.

U.S. Dept. of Interior - Bureau of Mines
1.0116, 1.0117, 1.0122, 1.0123, 1.0124, 1.0125, 1.0126, 1.0127, 1.0133, 1.0134, 1.0165, 1.0620, 1.0622, 1.0629, 1.0630, 1.0631, 1.0634, 1.0633, 1.0634, 1.0635, 1.0658, 1.0659, 1.0660, 1.0661, 1.0662, 1.0664, 1.0842, 1.0857, 1.0858, 2.0311, 2.0312, 2.0759, 2.1401, 2.1402, 2.1464, 2.1465, 2.1466, 3.0039, 3.0163, 3.0206, 3.0292, 3.0293, 3.0326, 3.0327, 3.0328, 3.0340, 3.0341, 3.0357, 3.0360, 3.0378, 3.0379, 3.0380, 3.0382, 3.0384, 3.0385, 3.0386, 3.0390, 3.0391, 3.0396, 3.0401, 3.0402, 3.0404, 3.0408, 3.0409, 3.0410.

U.S. Dept. of Interior - F. Wtr. Qua. Adm.
1.0376, 2.0007, 2.0018, 2.0030, 2.0034, 2.0045, 2.0053, 2.0067, 2.0101, 2.0103, 2.0111, 2.0123, 2.0185, 2.0191, 2.0203, 2.0206, 2.0222, 2.0233, 2.0258, 2.0273, 2.0275, 2.0292, 2.0293, 2.0298, 2.0303, 2.0310, 2.0321, 2.0323, 2.0325, 2.0327, 2.0328, 2.0332, 2.0333, 2.0334, 2.0335, 2.0336, 2.0337, 2.0338, 2.0345, 2.0347, 2.0362, 2.0364, 2.0370, 2.0371, 2.0381, 2.0382, 2.0395, 2.0402, 2.0403, 2.0405, 2.0413, 2.0419, 2.0423, 2.0433, 2.0437, 2.0440, 2.0441, 2.0444, 2.0445, 2.0448, 2.0449, 2.0451, 2.0487, 2.0489, 2.0490, 2.0493, 2.0507, 2.0526, 2.0527, 2.0542, 2.0545, 2.0567, 2.0576, 2.0589, 2.0613, 2.0614, 2.0630, 2.0632, 2.0633, 2.0639, 2.0641, 2.0643, 2.0644, 2.0648, 2.0668, 2.0702, 2.0704, 2.0707, 2.0718, 2.0720, 2.0734, 2.0735, 2.0736, 2.0737, 2.0739, 2.0741, 2.0748, 2.0758, 2.0760, 2.0773, 2.0775, 2.0788, 2.0789, 2.0790, 2.0791, 2.0806, 2.0817, 2.0821, 2.0824, 2.0839, 2.0840, 2.0859, 2.0860, 2.0862, 2.0865, 2.0867, 2.0874, 2.0876, 2.0877, 2.0879, 2.0882, 2.0884, 2.0886, 2.0891, 2.0893, 2.0911, 2.0913, 2.0914, 2.0919, 2.0930, 2.0931, 2.0933, 2.0935, 2.0936, 2.0943, 2.0947, 2.0959, 2.0966, 2.0973, 2.0997, 2.0999, 2.1005, 2.1031, 2.1032, 2.1037, 2.1038, 2.1041, 2.1045, 2.1047, 2.1066, 2.1068, 2.1074, 2.1078, 2.1080, 2.1081, 2.1082, 2.1084, 2.1085, 2.1087, 2.1090, 2.1099, 2.1100, 2.1102, 2.1103, 2.1108, 2.1109, 2.1111, 2.1126, 2.1128, 2.1129, 2.1136, 2.1144, 2.1150, 2.1151, 2.1154, 2.1165, 2.1170, 2.1172, 2.1173, 2.1175, 2.1176, 2.1177, 2.1178, 2.1179, 2.1180, 2.1181, 2.1183, 2.1184, 2.1185, 2.1186, 2.1193, 2.1197, 2.1199, 2.1209, 2.1215, 2.1218, 2.1221, 2.1222, 2.1223, 2.1226, 2.1238, 2.1245, 2.1247, 2.1257, 2.1258, 2.1264, 2.1265, 2.1267, 2.1268, 2.1274, 2.1277, 2.1279, 2.1281, 2.1292, 2.1294, 2.1295, 2.1297, 2.1298, 2.1302, 2.1307, 2.1308, 2.1309, 2.1310, 2.1311, 2.1312, 2.1313, 2.1315, 2.1321, 2.1328, 2.1329, 2.1330, 2.1338, 2.1339, 2.1343, 2.1346, 2.1347, 2.1350, 2.1351, 2.1352, 2.1354, 2.1356, 2.1361, 2.1363, 2.1364, 2.1365, 2.1366, 2.1367, 2.1368, 2.1369, 2.1370, 2.1371, 2.1372, 2.1373, 2.1378, 2.1380, 2.1381, 2.1382, 2.1383, 2.1384, 2.1389, 2.1391, 2.1392, 2.1393, 2.1394, 2.1397, 2.1399, 2.1400, 2.1406, 2.1407, 2.1417, 2.1422, 2.1428, 2.1432, 2.1433, 2.1434, 2.1444, 2.1447, 2.1448, 2.1449, 2.1450, 2.1452, 2.1453, 2.1455, 2.1461, 2.1462, 2.1474, 2.1475, 2.1476, 2.1477, 2.1480, 2.1490, 2.1492, 2.1495, 2.1502, 2.1512, 2.1523, 2.1524, 2.1529, 2.1530, 2.1531, 2.1532, 2.1538, 2.1539, 2.1544, 2.1545, 2.1554, 2.1582, 2.1584, 2.1589, 2.1591, 2.1597, 2.1600, 2.1605, 2.1617, 2.1646, 2.1647, 2.1668, 2.1669, 2.1673, 2.1678, 2.1679, 2.1683, 2.1686, 2.1690, 2.1694, 2.1699, 2.1700, 2.1701, 2.1702, 2.1703, 2.1704, 2.1705, 2.1717, 2.1730, 2.1732, 2.1737, 2.1744, 2.1745, 2.1746, 2.1749, 2.1766, 2.1792, 2.1798, 2.1814, 2.1822, 2.1845, 2.1866, 2.1893, 2.1925, 2.1927, 3.0007, 3.0011, 3.0037, 3.0038, 3.0049, 3.0052, 3.0061, 3.0062, 3.0063, 3.0067, 3.0075, 3.0096, 3.0101, 3.0102, 3.0103, 3.0115, 3.0118, 3.0126, 3.0128, 3.0144, 3.0149, 3.0154, 3.0159, 3.0169, 3.0174, 3.0180, 3.0182, 3.0189, 3.0207, 3.0224, 3.0226, 3.0230, 3.0231, 3.0244, 3.0245, 3.0247, 3.0250, 3.0251, 3.0258, 3.0259, 3.0260, 3.0261, 3.0262, 3.0263, 3.0269, 3.0270, 3.0272, 3.0283, 3.0284, 3.0287, 3.0288, 3.0322, 3.0333, 3.0334, 3.0353, 4.0003, 4.0079, 4.0038, 4.0042, 4.0056, 4.0062, 4.0654, 4.0662, 4.0680, 4.0907, 4.0986.

U.S. Dept. of Interior - Geological Survey
1.0029, 1.0039, 1.0330, 1.0331, 2.0038, 2.0039, 2.0040, 2.0041, 2.0042, 2.0062, 2.0065, 2.0066, 2.0068, 2.0069, 2.0070, 2.0074, 2.0075, 2.0092, 2.0093, 2.0137, 2.0138, 2.0169, 2.0183, 2.0184, 2.0339, 2.0342, 2.0376, 2.0407, 2.0496, 2.0497, 2.0498, 2.0511, 2.0514, 2.0515, 2.0518, 2.0534, 2.0535, 2.0549, 2.0550, 2.0558, 2.0570, 2.0602, 2.0611, 2.0680, 2.0681, 2.0682, 2.0803, 2.0811, 2.0819, 2.0856, 2.0878, 2.0890, 2.0920, 2.0922, 2.0968, 2.0969, 2.0970, 2.0983, 2.0991, 2.0993, 2.1061, 2.1086, 2.1116, 2.1117, 2.1240, 2.1286, 2.1306, 2.1494, 2.1505, 2.1556, 2.1660, 2.1670, 2.1769, 2.1797, 2.1801, 2.1803, 2.1839, 3.0017, 3.0023, 3.0024, 3.0162, 3.0365, 4.0073, 5.0015, 5.0020, 5.0021, 5.0022, 5.0029, 5.0203, 5.0204, 5.0801.

U.S. Dept. of Interior - O. Wtr. Res. Rch.
2.0003, 2.0004, 2.0010, 2.0011, 2.0012, 2.0019, 2.0021, 2.0022, 2.0023, 2.0044, 2.0089, 2.0090, 2.0098, 2.0108, 2.0109, 2.0112, 2.0114, 2.0115, 2.0118, 2.0119, 2.0125, 2.0127, 2.0132, 2.0140, 2.0150, 2.0157, 2.0160, 2.0161, 2.0162, 2.0164, 2.0165, 2.0166, 2.0167, 2.0171, 2.0173, 2.0174, 2.0176, 2.0177, 2.0178, 2.0197, 2.0207, 2.0208, 2.0221, 2.0225, 2.0226, 2.0227, 2.0230, 2.0232, 2.0234, 2.0235, 2.0238, 2.0243, 2.0244, 2.0245, 2.0246, 2.0249, 2.0251, 2.0253, 2.0254, 2.0261, 2.0264, 2.0266, 2.0267, 2.0287, 2.0288, 2.0291, 2.0294, 2.0297, 2.0299, 2.0301, 2.0304, 2.0316, 2.0317, 2.0318, 2.0319, 2.0346, 2.0352, 2.0354, 2.0360, 2.0361, 2.0363, 2.0365, 2.0369, 2.0377, 2.0379, 2.0385, 2.0398, 2.0400, 2.0404, 2.0429, 2.0430, 2.0431, 2.0434, 2.0436, 2.0443, 2.0447, 2.0450, 2.0452, 2.0454, 2.0455, 2.0458, 2.0459, 2.0461, 2.0468, 2.0469, 2.0472, 2.0476, 2.0478, 2.0479, 2.0481, 2.0492, 2.0520, 2.0521, 2.0525, 2.0528, 2.0530, 2.0531, 2.0555, 2.0556, 2.0557, 2.0562, 2.0566, 2.0572, 2.0575, 2.0578, 2.0581, 2.0584, 2.0590, 2.0594, 2.0595, 2.0598, 2.0599, 2.0601, 2.0605, 2.0608, 2.0617, 2.0629, 2.0634, 2.0635, 2.0636, 2.0637, 2.0638, 2.0642, 2.0645, 2.0646, 2.0656, 2.0657, 2.0658, 2.0660, 2.0661, 2.0662, 2.0663, 2.0665, 2.0670, 2.0671, 2.0674, 2.0675, 2.0676, 2.0684, 2.0688, 2.0690, 2.0691, 2.0692, 2.0703, 2.0706, 2.0709, 2.0710, 2.0712, 2.0721, 2.0722, 2.0723, 2.0724, 2.0726, 2.0727, 2.0740, 2.0744, 2.0763, 2.0765, 2.0767, 2.0769, 2.0770, 2.0774, 2.0778, 2.0779, 2.0780, 2.0794, 2.0796, 2.0797, 2.0798, 2.0801, 2.0802, 2.0812, 2.0814, 2.0816, 2.0822, 2.0828, 2.0834, 2.0842, 2.0843, 2.0852, 2.0853, 2.0858, 2.0868, 2.0870, 2.0871, 2.0888, 2.0889, 2.0894, 2.0897, 2.0898, 2.0904, 2.0905, 2.0906, 2.0915, 2.0917, 2.0918, 2.0921, 2.0926, 2.0934, 2.0939, 2.0944, 2.0945, 2.0946, 2.0948, 2.0949, 2.0950, 2.0956, 2.0957, 2.0958, 2.0960, 2.0963, 2.0967, 2.0981, 2.0984, 2.0987, 2.0989, 2.0990, 2.0994, 2.1000, 2.1003, 2.1008, 2.1010, 2.1011, 2.1012, 2.1013, 2.1016, 2.1017, 2.1018, 2.1020, 2.1025, 2.1026, 2.1029, 2.1036, 2.1039, 2.1040, 2.1050, 2.1053, 2.1055, 2.1056, 2.1057, 2.1083, 2.1088, 2.1092, 2.1093, 2.1098, 2.1106, 2.1107, 2.1112, 2.1114, 2.1118, 2.1119, 2.1120, 2.1121, 2.1122, 2.1124, 2.1125, 2.1127, 2.1130, 2.1133, 2.1135, 2.1138, 2.1139, 2.1140, 2.1141, 2.1142, 2.1148, 2.1149, 2.1155, 2.1158, 2.1159, 2.1160, 2.1168, 2.1189, 2.1192, 2.1201, 2.1202, 2.1204, 2.1205, 2.1206, 2.1210, 2.1211, 2.1212, 2.1213, 2.1224, 2.1232, 2.1235, 2.1239, 2.1260, 2.1262, 2.1270, 2.1271, 2.1275, 2.1276, 2.1278, 2.1285, 2.1287, 2.1288, 2.1289, 2.1290, 2.1291, 2.1301, 2.1303, 2.1304, 2.1316, 2.1318, 2.1319, 2.1322, 2.1323, 2.1324, 2.1326, 2.1327, 2.1335, 2.1336, 2.1337, 2.1344, 2.1349, 2.1357, 2.1359, 2.1360, 2.1374, 2.1375, 2.1376, 2.1377, 2.1385, 2.1388, 2.1403, 2.1404, 2.1405, 2.1409, 2.1410, 2.1411, 2.1412, 2.1416, 2.1418, 2.1426, 2.1430, 2.1431, 2.1436, 2.1437, 2.1440, 2.1441, 2.1442, 2.1451, 2.1458, 2.1463, 2.1467, 2.1468, 2.1469, 2.1481, 2.1482, 2.1483, 2.1514, 2.1519, 2.1520, 2.1522, 2.1526, 2.1536, 2.1540, 2.1542, 2.1553, 2.1557, 2.1569, 2.1574, 2.1575, 2.1576, 2.1577, 2.1578, 2.1581, 2.1588, 2.1599, 2.1602, 2.1610, 2.1611, 2.1613, 2.1616, 2.1618, 2.1619, 2.1626, 2.1627, 2.1628, 2.1630, 2.1632, 2.1635, 2.1641, 2.1648, 2.1649, 2.1650, 2.1661, 2.1665, 2.1667, 2.1674, 2.1675, 2.1685, 2.1708, 2.1736, 2.1743, 2.1768, 2.1771, 2.1772, 2.1773, 2.1775, 2.1779, 2.1780, 2.1786, 2.1787, 2.1789, 2.1793, 2.1806, 2.1807, 2.1808, 2.1809, 2.1815, 2.1816, 2.1818, 2.1820, 2.1821, 2.1827, 2.1828, 2.1829, 2.1830, 2.1833, 2.1834, 2.1835, 2.1836, 2.1838, 2.1841, 2.1842, 2.1843, 2.1846, 2.1854, 2.1856, 2.1857, 2.1858, 2.1860, 2.1863, 2.1867, 2.1869, 2.1870, 2.1874, 2.1877, 2.1878, 2.1879, 2.1880, 2.1883, 2.1887, 2.1891, 2.1892, 2.1895, 2.1896, 2.1901, 2.1908, 2.1909, 2.1910, 2.1912, 2.1913, 2.1914, 2.1915, 2.1916, 2.1926, 2.1928, 2.1930, 2.1932, 2.1933, 2.1934, 2.1939, 2.1940, 2.1941, 3.0059, 3.0100, 3.0110, 3.0168, 3.0190, 3.0204, 3.0331, 3.0343, 4.0040, 4.0061, 4.0065, 4.0094, 4.0141, 4.0337, 4.0539, 4.0674, 4.0676, 4.0752, 4.0839, 4.1026.

U.S. Dept. of Interior - Off. of Coal Rch.
3.0304.

U.S. Dept. of Interior - Off. Saline Water
2.0820, 2.1225, 2.1733, 3.0074, 3.0362.

SUPPORTING AGENCY INDEX

U.S. Dept. of Transportation - Coast Guard
2.0336, 2.0537, 2.0538.

U.S. Dept. of Transportation - E.S.A.O.
1.0446.

U.S. Dept. of Transportation - F.A.A.
1.0040, 1.0194, 4.0810, 4.0811, 4.0812, 4.0813, 4.0814, 4.0815, 4.0816, 4.0817, 5.0065, 5.0571, 5.0786, 5.0862, 5.0863, 5.0912, 6.0014, 6.0015, 6.0104, 6.0105.

U.S. Dept. of Transportation - F.H.A.
2.0172, 2.0754, 6.0024, 6.0036.

U.S. Dept. of Transportation - F.R.A.
6.0027.

U.S. Dept. of Transportation - N.A.O.
6.0007, 6.0022, 6.0035, 6.0040, 6.0052, 6.0053.

U.S. Dept. of Transportation - Public Rds.
2.0626, 2.1742, 3.0078, 3.0080, 3.0081, 6.0026, 6.0039.

U.S. Dept. of Transportation - U.M.T.A.
1.0017, 6.0025.

U.S. Environ. Protect. Agency - N.A.P.C.A.
1.0012, 1.0033, 1.0048, 1.0062, 1.0063, 1.0064, 1.0069, 1.0075, 1.0077, 1.0084, 1.0085, 1.0090, 1.0092, 1.0093, 1.0094, 1.0095, 1.0096, 1.0097, 1.0098, 1.0099, 1.0100, 1.0101, 1.0102, 1.0103, 1.0104, 1.0105, 1.0106, 1.0107, 1.0108, 1.0109, 1.0110, 1.0111, 1.0112, 1.0113, 1.0114, 1.0119, 1.0120, 1.0132, 1.0141, 1.0148, 1.0168, 1.0229, 1.0238, 1.0239, 1.0240, 1.0241, 1.0242, 1.0243, 1.0244, 1.0245, 1.0246, 1.0247, 1.0248, 1.0249, 1.0250, 1.0251, 1.0252, 1.0253, 1.0254, 1.0255, 1.0256, 1.0257, 1.0258, 1.0259, 1.0260, 1.0261, 1.0262, 1.0263, 1.0264, 1.0265, 1.0266, 1.0267, 1.0268, 1.0269, 1.0270, 1.0271, 1.0272, 1.0273, 1.0274, 1.0275, 1.0276, 1.0277, 1.0278, 1.0279, 1.0280, 1.0283, 1.0284, 1.0318, 1.0363, 1.0386, 1.0387, 1.0388, 1.0389, 1.0390, 1.0391, 1.0392, 1.0393, 1.0394, 1.0395, 1.0396, 1.0397, 1.0398, 1.0399, 1.0400, 1.0401, 1.0402, 1.0403, 1.0404, 1.0405, 1.0406, 1.0407, 1.0439, 1.0449, 1.0450, 1.0451, 1.0452, 1.0453, 1.0454, 1.0455, 1.0456, 1.0457, 1.0458, 1.0459, 1.0460, 1.0461, 1.0462, 1.0463, 1.0464, 1.0465, 1.0466, 1.0467, 1.0468, 1.0469, 1.0470, 1.0471, 1.0472, 1.0484, 1.0489, 1.0490, 1.0498, 1.0499, 1.0500, 1.0501, 1.0502, 1.0503, 1.0504, 1.0505, 1.0506, 1.0507, 1.0508, 1.0509, 1.0510, 1.0511, 1.0512, 1.0513, 1.0514, 1.0515, 1.0516, 1.0517, 1.0518, 1.0519, 1.0520, 1.0521, 1.0522, 1.0523, 1.0524, 1.0525, 1.0526, 1.0527, 1.0528, 1.0529, 1.0533, 1.0537, 1.0539, 1.0541, 1.0542, 1.0543, 1.0550, 1.0552, 1.0555, 1.0556, 1.0557, 1.0560, 1.0562, 1.0564, 1.0565, 1.0570, 1.0571, 1.0572, 1.0573, 1.0574, 1.0575, 1.0576, 1.0577, 1.0578, 1.0579, 1.0580, 1.0581, 1.0588, 1.0594, 1.0599, 1.0600, 1.0601, 1.0602, 1.0603, 1.0604, 1.0605, 1.0606, 1.0607, 1.0608, 1.0609, 1.0610, 1.0611, 1.0612, 1.0613, 1.0614, 1.0615, 1.0616, 1.0617, 1.0618, 1.0621, 1.0645, 1.0647, 1.0648, 1.0650, 1.0655, 1.0663, 1.0670, 1.0671, 1.0675, 1.0676, 1.0679, 1.0685, 1.0692, 1.0693, 1.0695, 1.0701, 1.0716, 1.0718, 1.0726, 1.0727, 1.0728, 1.0729, 1.0733, 1.0736, 1.0738, 1.0739, 1.0740, 1.0743, 1.0746, 1.0748, 1.0749, 1.0750, 1.0751, 1.0752, 1.0753, 1.0754, 1.0755, 1.0756, 1.0757, 1.0758, 1.0759, 1.0760, 1.0761, 1.0762, 1.0763, 1.0764, 1.0765, 1.0766, 1.0767, 1.0768, 1.0769, 1.0770, 1.0771, 1.0772, 1.0773, 1.0774, 1.0775, 1.0776, 1.0777, 1.0778, 1.0779, 1.0780, 1.0781, 1.0782, 1.0783, 1.0784, 1.0785, 1.0786, 1.0787, 1.0788, 1.0789, 1.0790, 1.0791, 1.0792, 1.0793, 1.0794, 1.0795, 1.0796, 1.0797, 1.0798, 1.0799, 1.0800, 1.0801, 1.0802, 1.0803, 1.0804, 1.0805, 1.0806, 1.0807, 1.0808, 1.0809, 1.0810, 1.0811, 1.0812, 1.0813, 1.0814, 1.0815, 1.0816, 1.0817, 1.0818, 1.0819, 1.0820, 1.0821, 1.0822, 1.0823, 1.0824, 1.0825, 1.0826, 1.0827, 1.0828, 1.0829, 1.0831, 1.0832, 1.0833, 1.0838, 1.0840, 1.0843, 1.0844, 1.0849, 1.0859, 1.0901, 1.0902, 1.0903, 2.0289, 2.0421, 2.0708, 3.0406, 5.0906, 5.0907, 6.0054.

U.S. Environ. Protect. Agency - O.N.A.C.
6.0023, 6.0058, 6.0059, 6.0076, 6.0078, 6.0088, 6.0091, 6.0112.

U.S. Environ. Protect. Agency - O.O.P.P.
1.0364, 4.0140, 4.0550, 4.0916.

U.S. Environ. Protect. Agency - O.O.W.P
2.0009, 2.0043, 2.0102, 2.0344, 2.0372, 2.0411, 2.0467, 2.0470, 2.0471, 2.0519, 2.0553, 2.0588, 2.0714, 2.0719, 2.0728, 2.0750, 2.0787, 2.0836, 2.0837, 2.0851, 2.0869, 2.0875, 2.0896, 2.0899, 2.0900, 2.0916, 2.0923, 2.0924, 2.0942, 2.0962, 2.1014, 2.1024, 2.1042, 2.1052, 2.1058, 2.1115, 2.1143, 2.1145, 2.1146, 2.1153, 2.1164, 2.1166, 2.1174, 2.1190, 2.1217, 2.1242, 2.1243, 2.1246, 2.1256, 2.1266, 2.1296, 2.1299, 2.1300, 2.1314, 2.1334, 2.1341, 2.1345, 2.1348, 2.1355, 2.1358, 2.1379, 2.1386, 2.1395, 2.1413, 2.1419, 2.1425, 2.1427, 2.1429, 2.1454, 2.1456, 2.1501, 2.1671, 2.1693, 2.1731, 2.1847, 2.1885, 2.1897, 2.1898, 2.1902, 2.1904, 3.0071, 3.0121, 3.0124, 3.0125, 3.0215, 3.0228, 3.0242, 3.0243, 3.0267, 3.0275, 3.0307, 3.0315, 3.0319, 3.0336, 3.0354, 3.0355, 3.0367, 4.0028, 4.0043, 4.0153, 4.0840.

U.S. Environ. Protect. Agency - O.R.M.
5.0045, 5.0050, 5.0061, 5.0370, 5.0371, 5.0372, 5.0420, 5.0421, 5.0853, 5.0908.

U.S. Environ. Protect. Agency - W.Q.O.
2.0020, 2.0057, 2.0190, 2.0192, 2.0199, 2.0425, 2.0488, 2.0552, 2.0603, 2.0625, 2.0757, 2.0804, 2.0805, 2.0998, 2.1021, 2.1054, 2.1063, 2.1101, 2.1194, 2.1237, 2.1333, 2.1390, 2.1551, 2.1677, 2.1691, 2.1709, 3.0177, 3.0321, 4.0593, 4.0681.

U.S. Executive Office - Natl. Water Comm.
2.1439.

U.S. National Science Foundation
1.0008, 1.0028, 1.0041, 1.0049, 1.0052, 1.0053, 1.0061, 1.0073, 1.0080, 1.0081, 1.0082, 1.0086, 1.0089, 1.0129, 1.0131, 1.0137, 1.0167, 1.0189, 1.0216, 1.0307, 1.0315, 1.0327, 1.0332, 1.0335, 1.0345, 1.0347, 1.0354, 1.0359, 1.0409, 1.0432, 1.0434, 1.0448, 1.0474, 1.0475, 1.0481, 1.0485, 1.0486, 1.0488, 1.0497, 1.0532, 1.0549, 1.0551, 1.0567, 1.0624, 1.0639, 1.0641, 1.0651, 1.0666, 1.0688, 1.0689, 1.0694, 1.0702, 1.0705, 1.0708, 1.0712, 1.0737, 1.0742, 1.0877, 1.0917, 2.0032, 2.0033, 2.0049, 2.0087, 2.0182, 2.0188, 2.0196, 2.0205, 2.0231, 2.0257, 2.0315, 2.0373, 2.0428, 2.0432, 2.0457, 2.0502, 2.0503, 2.0532, 2.0548, 2.0551, 2.0554, 2.0559, 2.0560, 2.0564, 2.0620, 2.0621, 2.0622, 2.0640, 2.0669, 2.0672, 2.0686, 2.0689, 2.0693, 2.0699, 2.0701, 2.0742, 2.0743, 2.0756, 2.0815, 2.0823, 2.0830, 2.0848, 2.0849, 2.0912, 2.0964, 2.0974, 2.0982, 2.1019, 2.1028, 2.1030, 2.1043, 2.1044, 2.1069, 2.1071, 2.1076, 2.1077, 2.1191, 2.1320, 2.1387, 2.1499, 2.1518, 2.1580, 2.1586, 2.1601, 2.1631, 2.1643, 2.1652, 2.1767, 2.1782, 2.1790, 2.1794, 2.1799, 2.1800, 2.1812, 2.1817, 2.1840, 2.1848, 2.1851, 2.1872, 2.1875, 2.1886, 2.1894, 2.1903, 2.1917, 3.0173, 3.0178, 3.0246, 3.0249, 3.0271, 3.0274, 4.0022, 4.0031, 4.0551, 4.0570, 4.0589, 4.0780, 4.0844, 4.0975, 4.1000, 4.1135, 5.0162, 5.0385, 5.0418, 5.0588, 5.0695, 5.0790, 6.0055, 6.0068, 6.0081, 6.0093, 6.0096, 6.0113.

U.S. National Wtr. Comm. - Arlington, Va
2.1219, 2.1438, 2.1740, 2.1741.

U.S. Natl. Aero. & Space Adm.
1.0001, 1.0009, 1.0034, 1.0068, 1.0296, 1.0558, 1.0678, 1.0851, 1.0868, 2.0499, 2.0539, 2.0540, 2.0541, 2.0593, 2.0654, 2.0713, 2.0857, 2.0861, 2.0864, 2.0866, 2.1317, 2.1472, 3.0048, 6.0019, 6.0020, 6.0021, 6.0117.

U.S. Tennessee Valley Auth.
2.0135, 2.0800, 2.1096, 2.1097, 2.1104, 2.1473, 2.1711, 2.1712, 2.1713, 2.1715, 2.1716, 2.1718, 2.1719.

U.S. Veterans Administration
1.0115, 1.0181, 1.0201, 1.0221, 1.0282, 1.0297, 1.0303, 2.0872, 2.1598, 5.0091, 5.0094, 5.0095, 5.0096, 5.0145, 5.0146, 5.0172, 5.0184, 5.0205, 5.0301, 5.0312, 5.0313, 5.0314, 5.0315, 5.0326, 5.0389, 5.0401, 5.0423, 5.0450, 5.0477, 5.0495, 5.0553, 5.0568, 5.0569, 5.0572, 5.0573, 5.0622, 5.0690, 5.0691, 5.0692, 5.0817, 5.0831, 5.0835, 5.0836, 5.0837, 5.0846, 5.0857, 5.0861, 5.0943, 5.0947, 5.0966, 6.0092, 6.0094, 6.0111.

United Kingdom - London
1.0151, 1.0425, 1.0654, 1.0850, 2.0394, 3.0324, 3.0325, 6.0043, 6.0044, 6.0045, 6.0046, 6.0047, 6.0048, 6.0049, 6.0050, 6.0051, 6.0064, 6.0115, 6.0116.

University of Arizona
2.0474.

University of Birmingham
6.0063.

University of California - Berkeley, Cal.
2.1169, 3.0068.

University of Colorado
2.0059, 2.1504.

University of Florida
3.0109.

University of Hawaii
2.0563.

University of Illinois
2.0131, 2.1004, 2.1259, 2.1263, 3.0133, 3.0135, 4.0030.

University of Kentucky
2.0600.

University of Manitoba
2.1196.

University of Minnesota - Minneapolis
3.0191.

University of Missouri
1.0447, 1.0735, 2.0228, 3.0387.

University of Southern Miss. - Hattiesburg
2.1608.

University of Southern Mississippi
2.1607.

University of Texas - Austin
2.0807, 2.1420.

University of Wisconsin
2.1137.

University of Wyoming
2.1784.

Utah State Government
1.0426, 1.0427, 1.0428, 2.1113, 2.1738, 3.0043, 4.0876, 4.0880, 4.0881, 5.0717, 5.0950.

Utah State University
2.0396, 2.0397, 2.0399.

Vermont State Government
4.0500.

Virginia State Government
2.0408, 2.0409, 2.0410, 2.0831, 2.1747, 3.0329, 4.0501, 4.0503, 4.0885.

SUPPORTING AGENCY INDEX

W.K. Kellogg Foundation
2.1852.

Washington State Government - Olympia
3.0337, 3.0338, 4.0194, 4.0196, 4.0504, 4.0505, 4.0506, 4.0508, 4.0510, 4.0511, 4.0895, 4.0896, 4.0897, 4.0899, 4.0900, 4.1128, 5.0733.

West German Government
2.0117.

West Virginia State Government
2.1774.

Westinghouse Educational Fdn. - Pittsburgh
1.0348.

William H. Donner Foundation Incorporated
1.0478.

Wisconsin Heart Association
1.0305.

Wisconsin State Government - Madison
1.0436, 2.0438, 2.0446, 2.0456, 2.0854, 2.0855, 2.1134, 2.1457, 2.1459, 2.1460, 2.1777, 2.1783, 2.1935, 3.0345, 3.0347, 3.0350, 3.0356, 4.0075, 4.0199, 4.0515, 4.0517, 4.0911, 4.0913, 4.0914, 4.0995, 4.0996.

Wyoming State Government - Cheyenne
4.0524.

DEFINITIONS OF ENVIRONMENTAL PROTECTION RESEARCH

These definitions, developed cooperatively by the Smithsonian Science Information Exchange and the Environmental Protection Agency, were used in the preparation of the Environmental Protection Research Catalog.

1. Air Quality
   - A. Emission Sources
     Research concerned principally with sources of air pollution including types, industries, materials, and processes.
   - B. Effects – Human
     Medical and epidemiological studies; laboratory animal studies and other biological effects research relating to effects of air pollution on man.
   - C. Effects – Animal, Plant, and General Environment
     Studies of air pollution effects on livestock, vegetation, crops, materials, and structures. Includes deterioration, corrosion, and other deleterious effects.
   - D. Economic Aspects
     Includes losses from pollution damage and costs of control programs.
   - E. Legal, Administrative, and Social Aspects
     Air quality research concerned with standards, management, social attitudes, legislation, and related subject areas.
   - F. Control Methods
     Equipment, abatement, and operations relating to air quality control.
   - G. Measurements
     Instrumentation, air pollution monitoring, and identification of pollution sources.
   - H. Basic Research
     Basic chemical and physical properties of pollutants. Theoretical and laboratory studies concerned with air pollutant formation, identity, and effects.
2. Water Quality
   - A. Sources of Pollution
     Projects concerned primarily with the origin of a water pollutant (e.g., eutrophication, environmental cycling, runoff-erosion-sedimentation). Includes unusual pollutant sources or special interest sources (e.g., oil spills, trace element pollution, rain-atmospheric washout, radioactive fallout, dredging).
   - B. Pollution Identification
     Measurement, monitoring, bioassay, bioindicators, and instrumentation. Includes ecological baseline studies, prediction and forecasting of water pollution potential.
   - C. Water Treatment
     Physical management or treatment applied to poor quality water before utilization. Includes chlorination for potable water and related sanitation measures.
   - D. Water Management and Pollutant Dispersal
     Dispersal of effluents, hydrologic mixing, disposal on soil waste fields, dilution of pollutants, assimilative capacity, ocean dispersion, self-purification. Includes management of polluted natural waters to improve quality.
   - E. Waste Treatment
     Includes sewage, sludge, or wastewater treatment techniques or processes, waste reuse, recycling, or related commodity development.
   - F. Pollution Effects
     Ecological, physiological, and physical effects of water pollution. Includes environmental degradation.

G. Societal Implications, Management, and Other Aspects of Water Pollution

Legislation, administration, standards, socio-economic studies, government relations, planning, protection and miscellaneous environmental pollution studies.

3. Solid Waste Management

A. Agricultural Sources

Animal feedlot residues, plant waste, farm domestic wastes, manure disposal.

B. Industrial Sources

Includes processing slurries, spoil banks, ash, mine refuse.

C. Municipal Sources

Garbage, litter, junk, and trash.

D. Collection, Transportation, Processing and Disposal Methods

Includes incineration, ocean dumping, sewage treatment and processing, sanitary landfill management, sludge application to croplands.

E. Recycling and Utilization

Byproduct development, reprocessing, conservation of raw materials, and other related studies.

4. Pesticides

Undesired residues and effects.

A. Air or Water Environments

Aerial drift, atmospheric contamination, or aquatic environmental cycling of pesticides.

B. Soil Environment

Unwanted pesticide residues and persistence in soils.

C. Adverse Effects on Plants

Includes nontarget phytotoxicity, degenerate morphological effects, and crop yield reduction.

D. Adverse Effects on Animals and Man

Includes toxicity, reduction in reproduction rates, survival of nontarget wildlife, and food chain cycling.

E. Adverse Effects on the General Environment

Nonspecific studies on the animal and plant community and habitat. General ecological effects, material effects.

F. Analysis, Monitoring, and Instrumentation

Residue analysis, long-term monitoring, or pesticide detection techniques and instrumentation.

5. Radiation

Nondesired radiation and effects.

A. Sources

Primary sources of radiation detrimental to human health, animal or plant communities, materials, or the general environment. Includes ultraviolet, radioactive isotopes, electromagnetic, and radiation sources in general.

B. Effects

Physical, chemical, and biological injury. Medical studies utilizing radiation are excluded.

C. Measurement

Instrumentation, dosimetry, monitoring, equipment. Includes bioindicators.

6. Noise

A. Air Transportation

Sources such as airports, airplanes, and related equipment.

B. Surface Transportation

Trains, automobiles, tractors, buses, trucks, and highway noise in general.

C. Urban and Industrial Sources

Includes construction, factory noise, home environment, and office noise.

D. Aquatic Environment

Ambient underwater noise such as underwater construction and vehicular (submarine) sounds.

E. Effects, Measurement, and Equipment

Effects of noise on behavior, physiology (deafness), and ecology; instrumentation and techniques; monitoring.

★ U.S. GOVERNMENT PRINTING OFFICE : 1972 O-L7 - 457-240 (Pt. II)